APPENDIX 2—Well records from New Mexico
Office of the State Engineer
STATE ENGINEER OFFICE
WELL RECORD

Section 1. GENERAL INFORMATION

(A) Owner of well: Bob L. Hooge
Street or Post Office Address: 603 Canal St.
City and State: Alamogordo, N.M. 88310
Owner's Well No.: 56 DEC I

Well was drilled under Permit No. T-1414 and is located in the:

a. NW 1/4 SW 1/4 NW 1/4 % of Section 15 Township 16S Range 11E N.M.P.M
b. Tract No. of Map No. of the

(c) Lot No. of Block No. of the Subdivision, recorded in Otero County.

d. X=________ feet, Y=________ feet, N.M. Coordinate System Zone in the Grant.

(B) Drilling Contractor: Brazil Well Drilling Inc.
License No. WD-601
Address: P.O. Box 458, Las Cruces, N.M. 88033

Drilling Began 11/11/86. Completed 11/12/86. Type tools Air Rotary. Size of hole 8 in.
Elevation of land surface or at well is ______ ft. Total depth of well 120 ft.
Completed well is shallow artesian. Depth to water upon completion of well 45 ft.

Section 2. PRINCIPAL WATER-BEARING STRATA

<table>
<thead>
<tr>
<th>Depth in Feet</th>
<th>Thickness in Feet</th>
<th>Description of Water-Bearing Formation</th>
<th>Estimated Yield (gallons per minute)</th>
</tr>
</thead>
<tbody>
<tr>
<td>60</td>
<td>62</td>
<td>2</td>
<td>Limestone</td>
</tr>
</tbody>
</table>

Section 3. RECORD OF CASING

<table>
<thead>
<tr>
<th>Diameter (inches)</th>
<th>Pounds per foot</th>
<th>Threads per in.</th>
<th>Depth in Feet</th>
<th>Length (feet)</th>
<th>Type of Shoe</th>
<th>Perforations</th>
</tr>
</thead>
<tbody>
<tr>
<td>5</td>
<td>EVC</td>
<td>+1</td>
<td>120</td>
<td>121</td>
<td></td>
<td>60 120</td>
</tr>
</tbody>
</table>

Section 4. RECORD OF MUDDING AND CEMENTING

<table>
<thead>
<tr>
<th>Depth in Feet</th>
<th>Hole Diameter</th>
<th>Sacks of Mud</th>
<th>Cubic Feet of Cement</th>
<th>Method of Placement</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Section 5. PLUGGING RECORD

Plugging Contractor
Address
Plugging Method
Date Well Plugged
Plugging approved by

State Engineer Representative

FOR USE OF STATE ENGINEER ONLY

Date Received: November 24, 1986
Quad: FWL
File No.: T-1414
Use: Domestic
Location No.: 16.11E.15.131
### Instructions

This form should be filled in ink. Any alterations, corrections, or additions should be made in the spaces provided. If any space is not applicable, the entry should be left blank. When the form is used as a filing record, only Section 1(e) and Section 5 need be completed.

### Section 7: Remarks and Additional Information

<table>
<thead>
<tr>
<th>Remarks or Additional Information</th>
<th>Remarks or Additional Information</th>
<th>Remarks or Additional Information</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
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<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Section 6: Log or Hole

<table>
<thead>
<tr>
<th>Color and Type of Material Encountered</th>
<th>From</th>
<th>To</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Color and Type of Material Encountered:**
- **All**
- **Red Clay and Lithosome**
- **Red Clay**
- **Lithosome**
- **Red Clay and Gravel**

**Depth in Feet:**
- **3**
- **4**
- **5**
- **6**
- **7**
- **8**
- **9**
- **10**
- **11**
- **12**
- **13**
- **14**
- **15**
- **16**
- **17**
- **18**
- **19**
- **20**

**Thickness:**
- **7**
- **6**
- **5**
- **4**
- **3**
- **2**
- **1**
- **0**
FILE: T-1414

Mr. Bobby L. Moore
603 Canal Street
Alamogordo, NM 88310

Dear Mr. Moore:

Enclosed is your copy of the well record for your domestic well No. T-1414, which has been accepted for filing subject to the conditions as noted on your permit.

Your attention is called to the reverse side of your permit to all General Conditions, but special attention is directed to Specific Condition No. 4, which states:

4. Use shall be limited to household, non-commercial trees, lawn and garden not to exceed one acre and/or stock use.

This is the final filing under domestic well permit No. T-1414.

Sincerely,

J. B. Nixon
Engineer, District III

DN
Encl: Well Record
pc: State Engineer
STATE ENGINEER OFFICE
WELL RECORD

Section 1. GENERAL INFORMATION

(A) Owner of well: LEONARD ALLEN
Street or Post Office Address: P.O. BOX 763
City and State: LA LUNA, NM 88337

Well was drilled under Permit No. T-2470 and is located in the:

a. ¼ SE ¼ SE ¼ SW ¼ of Section 23 Township 15S Range 11E N.M.P.M.

b. Tract No. 2 of Map No. of the

c. Lot No. 1 of Block No. of the

Subdivision, recorded in OTERO County.

d. X= feet, Y= feet, N.M. Coordinate System Zone in

the Grant.

(B) Drilling Contractor: STATEWIDE DRILLING, Inc.
License No. WD-601
Address: 2800 AIRPORT ROAD * ALAMOGORDO, NM 88310

Drilling Began 2-28-94 Completed 2-28-94 Type tools AIR ROTARY Size of hole 8 in.

Elevation of land surface or at well is ft. Total depth of well ft.

Completed well is shallow artesian. Depth to water upon completion of well ft.

Section 2. PRINCIPAL WATER-BEARING STRATA

<table>
<thead>
<tr>
<th>Depth in Feet</th>
<th>Thickness in Feet</th>
<th>Description of Water-Bearing Formation</th>
<th>Estimated Yield (gallons per minute)</th>
</tr>
</thead>
<tbody>
<tr>
<td>From</td>
<td>To</td>
<td>103</td>
<td>BETWEEN SHALE &amp; SANDSTONE</td>
</tr>
<tr>
<td>123</td>
<td>126</td>
<td>3</td>
<td>GRAVEL</td>
</tr>
</tbody>
</table>

Section 3. RECORD OF CASING

<table>
<thead>
<tr>
<th>Diameter (inches)</th>
<th>Pounds per foot</th>
<th>Threads per in.</th>
<th>Depth in Feet</th>
<th>Length (feet)</th>
<th>Type of Shoe</th>
<th>Perforations</th>
</tr>
</thead>
<tbody>
<tr>
<td>5</td>
<td>PVC</td>
<td>0</td>
<td>130</td>
<td>130</td>
<td></td>
<td>90 130</td>
</tr>
<tr>
<td>6</td>
<td>STEEL</td>
<td>+1</td>
<td>3</td>
<td>4</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Section 4. RECORD OF MUDDLING AND CEMENTING

<table>
<thead>
<tr>
<th>Depth in Feet</th>
<th>Hole Diameter</th>
<th>Sacks of Mud</th>
<th>Cubic Feet of Cement</th>
<th>Method of Placement</th>
</tr>
</thead>
</table>

Section 5. PLUGGING RECORD

<table>
<thead>
<tr>
<th>No.</th>
<th>Depth in Feet</th>
<th>Cubic Feet of Cement</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Top</td>
<td>Bottom</td>
</tr>
<tr>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

FOR USE OF STATE ENGINEER ONLY

Date Received: MARCH 8, 1994
Quad: FWL FSL
File No.: T-2470 Use: DOMESTIC Location No.: 15S.11E.23.344
<table>
<thead>
<tr>
<th>Section 7, Reasons and Additional Information</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>--</td>
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<tr>
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<td></td>
<td>--</td>
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<tr>
<td></td>
<td>--</td>
</tr>
</tbody>
</table>

**Figure 6: Log of Hole**

<table>
<thead>
<tr>
<th>Rock Type</th>
<th>Color</th>
<th>Depth in Feet</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gray Shale</td>
<td>Brown Clay &amp; Rock</td>
<td>60</td>
</tr>
<tr>
<td>Gray Shale</td>
<td>Red Clay &amp; Sandstone</td>
<td>10</td>
</tr>
<tr>
<td>Yellow Clay</td>
<td>Brown Clay &amp; Rock</td>
<td>4</td>
</tr>
<tr>
<td>Red Sandstone</td>
<td>Yellow Clay</td>
<td>10</td>
</tr>
<tr>
<td>Water</td>
<td>Red Sandstone</td>
<td>15</td>
</tr>
<tr>
<td>Yellow Clay</td>
<td>Red Clay &amp; Sandstone</td>
<td>4</td>
</tr>
<tr>
<td>Gray Shale</td>
<td>Gray Shale</td>
<td>43</td>
</tr>
<tr>
<td>Clay Gravel</td>
<td>Clay</td>
<td>30</td>
</tr>
</tbody>
</table>

Depth: 26 feet

The undersigned hereby certify that to the best of his knowledge and belief, the information is true and correct except as the above
FILE: T-2470

Leonard Allen
PO Box 763
La Luz, NM 88337

Dear Mr. Allen:

Enclosed is your copy of Well Record under Domestic Well Permit No. T-2470, which has been accepted for filing subject to the conditions as noted on your permit.

Your attention is called to the reverse side of your permit to all General Conditions, but special attention is directed to Specific Condition No. 4, which states:

4. Use shall be limited to household, non-commercial trees, lawn and garden not to exceed one acre and/or stock use.

Please advise this office of any change in mailing address that may occur in the future. If the property is ever sold, a change of ownership for the well must be filed at the county clerk's office, in the county in which the well was drilled, in accordance with state law.

This is the final filing under Domestic Well Permit No. T-2470.

Sincerely,

J. B. Nixon
Supervisor, District 4

JEN: nsb

Encl: Well Record

cc: State Engineer
STATE ENGINEER OFFICE
WELL RECORD

Section 1. GENERAL INFORMATION

(A) Owner of well  
City and State  

Well was drilled under Permit No.  

Well is located in the:

a. SE ¼  
   SW ¼  
   ¼ of Section  
   Township  
   Range  
   

b. Tract No.  
   of Map No.  
   of the  
   Subdivision, recorded in  
   County.

d. X=  
   Y=  
   Zone in the  
   Grant.

(B) Drilling Contractor  
Address     P. O. Box 458  
La Luz, NM 88337

Drilling Begun  
Completed  
Type tools  
Size of hole  
in.

Elevation of land surface or  
at well is  
ft. Total depth of well  
ft.  
Completed well is  

Section 2. PRINCIPAL WATER-BEARING STRATA

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<thead>
<tr>
<th>Depth in Feet</th>
<th>Thickness in Feet</th>
<th>Description of Water-Bearing Formation</th>
<th>Estimated Yield (gallons per minute)</th>
</tr>
</thead>
<tbody>
<tr>
<td>From 440 455</td>
<td>15</td>
<td>Yellow sandstone</td>
<td>100</td>
</tr>
</tbody>
</table>

Section 3. RECORD OF CASING

<table>
<thead>
<tr>
<th>Diameter (inches)</th>
<th>Pounds per foot</th>
<th>Threads per in.</th>
<th>Depth in Feet (Top)</th>
<th>Depth in Feet (Bottom)</th>
<th>Length (feet)</th>
<th>Type of Shoe</th>
<th>Perforations</th>
</tr>
</thead>
<tbody>
<tr>
<td>5 PVC</td>
<td></td>
<td></td>
<td>0</td>
<td>455</td>
<td>455</td>
<td></td>
<td>395 455</td>
</tr>
<tr>
<td>6 steel</td>
<td></td>
<td>+1</td>
<td>2</td>
<td>3</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Section 4. RECORD OF MUDDING AND CEMENTING

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<tr>
<th>Depth in Feet</th>
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</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Section 5. PLUGGING RECORD

Plugging Contractor  
Address  
Date Well Plugged  
Plugging approved by  

State Engineer Representative

Date Received  

FOR USE OF STATE ENGINEER ONLY

File No.  
Use  
Location No.  

Quad  
FSI  
DOMESTIC & LVST
<table>
<thead>
<tr>
<th>Depth in Feet</th>
<th>0</th>
<th>25</th>
<th>28</th>
<th>32</th>
<th>45</th>
<th>65</th>
<th>65</th>
<th>110</th>
<th>155</th>
<th>280</th>
<th>300</th>
<th>390</th>
<th>440</th>
<th>455</th>
<th>440</th>
<th>440</th>
</tr>
</thead>
<tbody>
<tr>
<td>Thickness in Feet</td>
<td>To</td>
<td>25</td>
<td>28</td>
<td>32</td>
<td>45</td>
<td>65</td>
<td>65</td>
<td>110</td>
<td>155</td>
<td>280</td>
<td>300</td>
<td>390</td>
<td>440</td>
<td>455</td>
<td>440</td>
<td>440</td>
</tr>
</tbody>
</table>

**Section 7. REMARKS AND ADDITIONAL INFORMATION**

The undersigned hereby certifies that, to the best of his knowledge and belief, the foregoing is a true and correct record of the above described hole.

[Signature]

INSTRUCTIONS: This form should be executed in triplicate, preferably typewritten, and submitted to the appropriate district office of the State Engineer. All sections except Section 5, shall be answered as completely and accurately as possible when any well is drilled, repaired or deepened. When the form is used as a plotting record, only Sections 1 through 5 need to be completed.
January 13, 1997

FILE NO: T-3034

Greg and Jeanette Anderson  
P. O. Box 4124  
Alamogordo, NM 88311

Dear Permittee:

Enclosed is your copy of Well Record under Domestic & Livestock Well Permit No. T-3034, which has been accepted for filing subject to the conditions as noted on your permit.

Your attention is called to the reverse side of your permit to all General Conditions, but special attention is directed to Specific Condition No. 4, which states:

4. Use shall be limited to household, noncommercial trees, lawn and
garden not to exceed one acre and/or stock use.

Please advise this office of any change in the mailing address that may occur in the future. If the property is sold, a change of ownership must be filed with the State Engineer and subsequently recorded with the county clerk's office, in the county in which the well was drilled, according to state law. Thank you for your cooperation in this matter.

This is the final filing under Domestic & Livestock Well Permit No. T-3034.

Sincerely,

J. B. Nixon  
Supervisor District 4

JBN:eaeh  
enc:  Well Record  
cc:  State Engineer
STATE ENGINEER OFFICE
WELL RECORD

Section 1. GENERAL INFORMATION

(A) Owner of well: JACK COLLINSWORTH
Owner’s Well No.: 
Street or Post Office Address: 1111 TENTH STREET #240
City and State: ALAMOGORDO, NM 88310

Well was drilled under Permit No. T-3117 and is located in the:

a. NE ¼ NE ¼ SW ¼ ¼ of Section 5, Township 16S, Range 11 E, N.M.P.N.
b. Tract No. of Map No. of the
Subdivision, recorded in OTERO County.
c. Lot No. of Block No. of the
Zone in the
Division, recorded in Grant.
d. X= feet, Y= feet, N.M. Coordinate System

(B) Drilling Contractor: Statewide Drilling, Inc.
License No. MD-601
Address: P. O. BOX 459
La Luz, NM 88337

Drilling Began 04/08/97 Completed 08/14/97 Type tools AIR ROTARY Size of hole. 8 in.
Elevation of land surface or = ft. Total depth of well = 680 ft.
Completed well is ☐ shallow ☐ artesian. Depth to water upon completion of well = 350 ft.

Section 2. PRINCIPAL WATER-BEARING STRATA

<table>
<thead>
<tr>
<th>Depth in Feet</th>
<th>Thickness in Feet</th>
<th>Description of Water-Bearing Formation</th>
<th>Estimated Yield (gallons per minute)</th>
</tr>
</thead>
<tbody>
<tr>
<td>640</td>
<td>fracture</td>
<td></td>
<td>5</td>
</tr>
</tbody>
</table>

Section 3. RECORD OF CASING

<table>
<thead>
<tr>
<th>Diameter (inches)</th>
<th>Pounds per foot</th>
<th>Threads per m.</th>
<th>Depth in Feet</th>
<th>Type of Shoe</th>
<th>Perforations</th>
</tr>
</thead>
<tbody>
<tr>
<td>5</td>
<td>PVC</td>
<td>0</td>
<td>680</td>
<td>680</td>
<td>480 - 680</td>
</tr>
<tr>
<td>6</td>
<td>steel</td>
<td>+1</td>
<td>2</td>
<td>3</td>
<td></td>
</tr>
</tbody>
</table>

Section 4. RECORD OF MUDDLING AND CEMENTING

<table>
<thead>
<tr>
<th>Depth in Feet</th>
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<th>Sacks of Mud</th>
<th>Cubic Feet of Cement</th>
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<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Section 5. PLUGGING RECORD

<table>
<thead>
<tr>
<th>Plugging Contractor</th>
<th>Address</th>
<th>Plugging Method</th>
<th>Date Well Plugged</th>
<th>Plugging approved by:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

State Engineer Representative

FOR USE OF STATE ENGINEER ONLY

Date Received: APRIL 25, 1997
Quad: FWL FSL
File No.: T-3117
Use: MULTI-DOMESTIC Location No.: 16S.11E.5.322
April 30, 1997

FILE: T-3117

Jack & Shirley Collinsworth
1111 Tenth Street, #240
Alamogordo, NM 88310

Dear Mr. & Mrs. Collinsworth:

Enclosed is your copy of Well Record for Multi-Domestic Well Permit No. T-3117 which has been accepted for filing subject to the conditions as noted on your permit.

Your attention is called to the reverse side of your permit to all General Conditions of Approval, but specific attention is directed to Specific Conditions Nos. 4 and 5b, which state:

4. Use shall be limited to household, non-commercial trees, lawn and garden not to exceed one acre and/or stock use.

5b. A totalizing meter shall be installed before the first branch of the discharge line from the well and the installation shall be acceptable to the State Engineer; the Engineer shall be advised of the make, model, serial number, date of installation and initial reading of the meter prior to appropriation of water and pumping records shall be submitted to the District Supervisor on or before the 10th of January, April, July and October of each year for the preceding calendar months.

The meter required under this permit shall be installed on the discharge line from the well before the line enters the ground, or, in the case of the discharge line exiting the casing below ground, the meter shall be installed immediately adjacent to the casing. The meter report for the initial installation shall be completed and submitted as soon as the meter is installed. Please read the meter at the end of each quarter and submit quarterly reports by the 10th day of the following month whether the well is or is not pumped.

Meter Report Forms were mailed to you with your Permit on March 24, 1997.
FILE: T-3117

Please advise this office of any change in the mailing address that may occur in the future. If the property is sold, a change of ownership must be filed with the State Engineer and subsequently recorded with the county clerk's office, in the county in which the well was drilled, according to state law. Thank you for your cooperation in this matter.

This is the final filing under Multi-Domestic Well Permit No. T-3117.

Sincerely,

J. B. Nixon,
Supervisor District 4

JBN:eah

enc: Multi-Domestic Well Record

cc: State Engineer
STATE ENGINEER OFFICE
WELL RECORD

Section 1. GENERAL INFORMATION

(A) Owner of well ________________ Andy or Maxine R. Martinez ________________ Owner's Well No. ________________
Street or Post Office Address PO Box 401
City and State High Rolls, NM 88325

Well was drilled under Permit No. T-03948 and is located in the:

a. NW ¼ SW ¼ ¼ ¼ of Section 4 Township 16S Range 11E N.M.P.N.
b. Tract No. __________ of Map No. __________ of the __________
c. Lot No. 21 of Block No. __________ of the __________
Subdivision, recorded in __________ of the __________ County.
d. X= __________ feet, Y= __________ feet, N.M. Coordinate System __________ Zone in the __________
Grant.

(B) Drilling Contractor STATEWIDE DRILLING, INC. __________ License No. WD-601
Address PO Box 458 LA LUZ, NM 88337

Drilling Began __________ Completed __________ Type tools Air Rotary __________ Size of hole __________ in.
Elevation of land surface or ________ at well is __________ ft. Total depth of well __________ ft.
Completed well is [ ] shallow [ ] artesian. Depth to water upon completion of well __________ ft.

Section 2. PRINCIPAL WATER-BEARING STRATA

<table>
<thead>
<tr>
<th>Depth in Feet</th>
<th>Thickness in Feet</th>
<th>Description of Water-Bearing Formation</th>
<th>Estimated Yield (gallons per minute)</th>
</tr>
</thead>
<tbody>
<tr>
<td>70</td>
<td>80</td>
<td>fractured limestone and gravel</td>
<td>25</td>
</tr>
</tbody>
</table>

Section 3. RECORD OF CASING

<table>
<thead>
<tr>
<th>Diameter (inches)</th>
<th>Pounds per foot</th>
<th>Threads per in.</th>
<th>Depth in Feet</th>
<th>Length (feet)</th>
<th>Type of Shoe</th>
<th>Perforations</th>
</tr>
</thead>
<tbody>
<tr>
<td>5</td>
<td>PVC</td>
<td></td>
<td>0</td>
<td>120</td>
<td></td>
<td>80</td>
</tr>
<tr>
<td>6</td>
<td>Steel</td>
<td>+1</td>
<td>3</td>
<td>4</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Section 4. RECORD OF MUDDING AND CEMENTING

<table>
<thead>
<tr>
<th>Depth in Feet</th>
<th>Hole Diameter</th>
<th>Sacks of Mud</th>
<th>Cubic Feet of Cement</th>
<th>Method of Placement</th>
</tr>
</thead>
</table>

Section 5. PLUGGING RECORD

<table>
<thead>
<tr>
<th>No.</th>
<th>Depth in Feet</th>
<th>Cubic Feet of Cement</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Plugging Contractor ________________
Address ________________
Plugging Method ________________
Date Well Plugged ________________
Plugging Agent ________________

MARCH 8, 2002

State Engineer Representative ________________

FOR USE OF STATE ENGINEER ONLY

TRN213590
<table>
<thead>
<tr>
<th>Depth in Feet</th>
<th>Thickness in Feet</th>
<th>Color and Type of Material Encountered</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>25</td>
<td>red clay</td>
</tr>
<tr>
<td>25</td>
<td>55</td>
<td>limestone and clay</td>
</tr>
<tr>
<td>55</td>
<td>70</td>
<td>gray shale</td>
</tr>
<tr>
<td>70</td>
<td>80</td>
<td>fractured limestone and gravel</td>
</tr>
<tr>
<td>80</td>
<td>120</td>
<td>limestone</td>
</tr>
</tbody>
</table>

Section 7: REMARKS AND ADDITIONAL INFORMATION

1 yard of 3/8" gravel for gravel pack

The undersigned hereby certifies that, to the best of his knowledge and belief, the foregoing is a true and correct record of the above described hole.

[Signature]
Driller

INSTRUCTIONS: This form should be executed in triplicate, preferably typewritten, and submitted to the appropriate district office of the State Engineer. All sections, except Section 5, shall be answered as completely and accurately as possible when any well is drilled, enlarged, or deepened. When this form is used as a plugging record, only Section 1(a) and (b) on 5 need be completed.
ANDY OR MAXINE R MARTINEZ
P.O. BOX 401
HIGH ROLLS, NM  88325

Greetings:

Enclosed is your copy of the well record for the above numbered permit, which has been accepted for filing.

Sincerely,

[Signature]
Elizabeth Hays
(505)524-6161

Enclosure
cc: Santa Fe Office

wellrrcv
STATE ENGINEER OFFICE
WELL RECORD

Section 1. GENERAL INFORMATION

(A) Owner of well: Andy & Maxine Roy Martinez
Owner's Well No.
Street or Post Office Address: PO Box 401
City and State: High Rolls, NM 88325

Well was drilled under Permit No. T-04018 and is located in the:

a. ¼ ¼ ¼ ¼ of Section 4 Township 16S Range 11E N.M.Pk
b. Tract No. of Map No. of the

c. Lot No. 21 of Block No. of the Subdivision, recorded in Grant of

 d. X= Y= feet, N.M. Coordinate System Zone in the County.

(B) Drilling Contractor: STATEWIDE DRILLING, INC. License No. WD-601
Address: PO BOX 458 LA LUZ, NM 88337


Elevation of land surface or at well is __________ ft. Total depth of well: 80 ft.

Completed well is shallow artesian. Depth to water upon completion of well: __________ ft.

Section 2. PRINCIPAL WATER-BEARING STRATA

<table>
<thead>
<tr>
<th>Depth in Feet</th>
<th>Thickness in Feet</th>
<th>Description of Water-Bearing Formation</th>
<th>Estimated Yield (gallons per minute)</th>
</tr>
</thead>
<tbody>
<tr>
<td>From 40</td>
<td>To 45</td>
<td>5 fractured limestone</td>
<td>10</td>
</tr>
<tr>
<td>From 60</td>
<td></td>
<td>fracture</td>
<td>10</td>
</tr>
</tbody>
</table>

Section 3. RECORD OF CASING

<table>
<thead>
<tr>
<th>Diameter (inches)</th>
<th>Pounds per foot</th>
<th>Threads per in.</th>
<th>Depth in Feet</th>
<th>Type of Shoe</th>
<th>Perforations</th>
</tr>
</thead>
<tbody>
<tr>
<td>PVC 5</td>
<td></td>
<td></td>
<td>0 Top 80 Bottom 80</td>
<td></td>
<td>60 80</td>
</tr>
<tr>
<td>steel 6</td>
<td></td>
<td></td>
<td>1 Top 3 Bottom 4</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Section 4. RECORD OF MUDDING AND CEMENTING

<table>
<thead>
<tr>
<th>Depth in Feet</th>
<th>Hole Diameter</th>
<th>Sacks of Mud</th>
<th>Cubic Feet of Cement</th>
<th>Method of Placement</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Section 5. PLUGGING RECORD

Plugging Contractor
Address
Plugging Method
Date Well Plugged
Plugging approved by:

State Engineer Representative

APRIL 12, 2002

FOR USE OF STATE ENGINEER ONLY

Date Received: T-04018 DOMESTIC 16S,11E,04,USGLO, Lot 21
File No. Use Location No. TRN221575
### Section 6. LOG OF HOLE

<table>
<thead>
<tr>
<th>Depth in Feet</th>
<th>Thickness in Feet</th>
<th>Color and Type of Material Encountered</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>40</td>
<td>red clay</td>
</tr>
<tr>
<td>40</td>
<td>45</td>
<td>fractured limestone</td>
</tr>
<tr>
<td>45</td>
<td>55</td>
<td>red clay</td>
</tr>
<tr>
<td>55</td>
<td>70</td>
<td>limestone</td>
</tr>
<tr>
<td>70</td>
<td>78</td>
<td>gray shale</td>
</tr>
<tr>
<td>78</td>
<td>80</td>
<td>limestone</td>
</tr>
</tbody>
</table>

### Section 7. REMARKS AND ADDITIONAL INFORMATION

1 yard of 3/8" gravel for gravel pack

The undersigned hereby certifies that, to the best of his knowledge and belief, the foregoing is a true and correct record of the above described hole.

Driller

INSTRUCTIONS: This form should be executed in triplicate, preferably typewritten, and submitted to the appropriate district office of the State Engineer. All sections, except Section 5, shall be answered as completely and accurately as possible when any well is drilled, repaired or deepened. When this form is used as a plugging record, only Section 1(a) and Section 5 need be completed.
ANDY & MAXINE REY MARTINEZ
P.O. BOX 401
HIGH ROLLS, NM  88325

Greetings:

Enclosed is your copy of the well record for the above numbered permit, which has been accepted for filing.

Sincerely,

[Signature]

Elizabeth Hays
(505)524-6161

Enclosure
cc: Santa Fe Office

wellrrcv
NEW MEXICO OFFICE OF THE STATE ENGINEER
WELL RECORD

1. OWNER OF WELL
   Name: Layne Preslar
   Work Phone: 
   Contact: Layne Preslar
   Home Phone: 
   Address: PO Box 348
   City: Clovis
   State: NM Zip: 88317

2. LOCATION OF WELL (A, B, C, or D required, E or F if known)
   A. SE 1/4 NE 1/4 NE 1/4 Section: 2 Township: 19 N Range: 11 E N.M.P.M. County: Otero
   B. X = ______ feet, Y = ______ feet, N.M. Coordinate System in the Grant. U.S.G.S. Quad Map ______
   C. Latitude: ______ d ______ m ______ s Longitude: ______ d ______ m ______ s
   D. East ______ (m), North ______ (m), UTM Zone 13, NAD 83 (27 or 83)
   E. Tract No. ______, Map No. ______ of the ______ Hydrographic Survey
   F. Lot No. ______, Block No. ______ of Unit/Tract ______ of the ______ Subdivision recorded in ______ County.
   G. Other: 

3. DRILLING CONTRACTOR
   License Number: WN-501
   Name: Statewide Drilling, Inc.
   Work Phone: 575-437-8884
   Agent: 
   Mailing Address: PO Box 459
   City: La Luz
   State: NM Zip: 88317

4. DRILLING RECORD
   Drilling began: 02/13/03; Completed: 02/04/03; Type: Air Rotary; Size of Hole: ______ in; Total Depth of Well: 300 ft.; Completed well is: ______ (shallow, artesian); Depth to water upon completion of well: ______ ft.

SEPTEMBER 22, 2003
File Number: T-4389
Form: wr-20

DOMESTIC
Tun Number: 

TRN280056
NEW MEXICO OFFICE OF THE STATE ENGINEER
WELL RECORD

5. PRINCIPAL WATER-BEARING STRATA

<table>
<thead>
<tr>
<th>Depth in Feet</th>
<th>Thickness in Feet</th>
<th>Description of water-bearing formation</th>
<th>Estimated Yield (GPM)</th>
</tr>
</thead>
<tbody>
<tr>
<td>21A</td>
<td>2</td>
<td>gravel</td>
<td>3-4</td>
</tr>
</tbody>
</table>

6. RECORD OF CASING

<table>
<thead>
<tr>
<th>Diameter</th>
<th>Pounds per ft.</th>
<th>Threads per in.</th>
<th>Depth in Feet</th>
<th>Length</th>
<th>Type of Shoe</th>
<th>Perforations</th>
</tr>
</thead>
<tbody>
<tr>
<td>6</td>
<td>PVC</td>
<td>0</td>
<td>220-260</td>
<td>280-300</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

7. RECORD OF MUDDING AND CEMENTING

<table>
<thead>
<tr>
<th>Depth in Feet</th>
<th>Hole</th>
<th>Sacks of mud</th>
<th>Cubic Feet of Cement</th>
<th>Method of Placement</th>
</tr>
</thead>
</table>

8. PLUGGING RECORD

Plugging Contractor: ____________________________
Address: ______________________________________
Plugging Method: _______________________________
Date Well Plugged: _____________________________
Plugging approved by: __________________________
State Engineer Representative:____________________

<table>
<thead>
<tr>
<th>No.</th>
<th>Depth in Feet</th>
<th>Cubic Feet of Cement</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

SEPTMBER 22, 2003

DOMESTIC

File Number: T-4389
Form: wi-20

19S.11E.02.422
TRN280056

page 2 of 4
9. LOG OF HOLE

<table>
<thead>
<tr>
<th>Depth in feet</th>
<th>Thickness in feet</th>
<th>Color and Type of Material Encountered</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>38</td>
<td>limestone and yellow clay</td>
</tr>
<tr>
<td>38</td>
<td>150</td>
<td>gray shale with layers of limestone</td>
</tr>
<tr>
<td>150</td>
<td>150</td>
<td>gray clay</td>
</tr>
<tr>
<td>156</td>
<td>170</td>
<td>red mudstone</td>
</tr>
<tr>
<td>170</td>
<td>205</td>
<td>gray shale</td>
</tr>
<tr>
<td>205</td>
<td>215</td>
<td>red clay</td>
</tr>
<tr>
<td>215</td>
<td>300</td>
<td>gray shale</td>
</tr>
</tbody>
</table>

PENDAJI is tongue of abo formation
LATER TONGUE OF ABO FORMATION
NEW MEXICO OFFICE OF THE STATE ENGINEER
WELL RECORD

16. ADDITIONAL STATEMENTS OR EXPLANATIONS:

The undersigned hereby certifies that, to the best of his knowledge and belief, the foregoing is a true and correct record of the above described hole.

Mike McMurtry 09/04/03

Mike McMurtry

FOR STATE ENGINEER USE ONLY

Quad : PWL : PSH : Use : Location No.

SEPTEMBER 22, 2003 DOMESTIC 19S.11E.02.422

File Number: TRN280056
Greetings:

Enclosed is your copy of the well record for the above numbered permit, which has been accepted for filing.

Sincerely,

Susan Benoit
(505) 524-6161

Enclosure
cc: Santa Fe Office
wellrev
NEW MEXICO OFFICE OF THE STATE ENGINEER
WELL RECORD

1. OWNER OF WELL
   Name: Joseph Graham
   Contact: (505) 996-3900
   Address: 
   City: High Rolls
   Work Phone: 493-3228
   Home Phone: 505-492-82
   State: NM
   Zip: 88215

2. LOCATION OF WELL (A, B, C, or D required, E or F if known)
   A. 1/4 NE 1/4 NE 1/4 Section: 7 Township: 18S Range: 11E N.M.F.M. in County.
   B. X = feet, Y = feet, N.M. Coordinate System Zone in the Grant.
   U.S.G.S. Quad Map 
   C. Latitude: d m s Longitude: d m s
   D. East (m), North (m), UTM Zone 13, NAD (27 or 83)
   E. Tract No., Map No. of the Hydrographic Survey
   F. Lot No., Block No. of Unit/Tract of the Subdivision recorded in County.
   G. Other:

H. Give State Engineer File Number if existing well: NONE

I. On land owned by (required): Joseph Graham

3. DRILLING CONTRACTOR
   License Number: WD-565
   Name: Ray Dickey
   Work Phone: 505-2589
   Agent: 
   Mailing Address: 144 Rockcliff Rd
   City: Los Lunas
   State: NM
   Zip: 88030

4. DRILLING RECORD
   Drilling began: 12-10-87; Completed: 12-31-87; Type tools: 
   Size of hole: 12 in.; Total depth of well: 320 ft.
   Completed well is: 5 half (shallow, artesian);
   Depth to water upon completion of well: 65 ft.

File Number: T-04447
Form: 40-20
Page 1 of 4
March 08, 2004
DOMESTIC

18S.11E.07.22
TRN287120
NEW MEXICO OFFICE OF THE STATE ENGINEER
WELL RECORD

5. PRINCIPAL WATER-BEARING STRATA

<table>
<thead>
<tr>
<th>Depth in Feet From</th>
<th>Thickness in feet</th>
<th>Description of water-bearing formation</th>
<th>Estimated Yield (GPM)</th>
</tr>
</thead>
<tbody>
<tr>
<td>185 ft.</td>
<td>15</td>
<td>White Lime Rock</td>
<td>5 to 10 GPM</td>
</tr>
</tbody>
</table>

6. RECORD OF Casing

<table>
<thead>
<tr>
<th>Diameter (inches)</th>
<th>Pounds per ft.</th>
<th>Threads per in.</th>
<th>Depth in Feet Top</th>
<th>Depth in Feet Bottom</th>
<th>Length (feet)</th>
<th>Type of Shoe</th>
<th>Perforations From</th>
<th>Perforations To</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>185</td>
<td>185</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

7. RECORD OF MUDDING AND CEMENTING

<table>
<thead>
<tr>
<th>Depth in Feet From</th>
<th>Hole Diameter</th>
<th>Sacks of mud</th>
<th>Cubic Feet of Cement</th>
<th>Method of Placement</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

8. PLUGGING RECORD

Plugging Contractor: ____________________________________________
Address: _____________________________________________________
Plugging Method: _____________________________________________
Date Well Plugged: ___________________________________________
Plugging approved by: ________________________________________

State Engineer Representative

No. Depth in Feet Cubic Feet of Cement
<table>
<thead>
<tr>
<th></th>
<th>Top</th>
<th>Bottom</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>5</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

File Number: T-04443
Trn Number: 287120

March 08, 2004 DOMESTIC 18S.11E.07.22
<table>
<thead>
<tr>
<th>Depth in Feet From</th>
<th>Thickness in feet</th>
<th>Color and Type of Material Encountered</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>5</td>
<td>Blue clay, gray gravel</td>
</tr>
<tr>
<td>185</td>
<td>15</td>
<td>White lime rock with coarse gravel</td>
</tr>
</tbody>
</table>

All beaman
10. ADDITIONAL STATEMENTS OR EXPLANATIONS:

For permit No. T-41826 which will expire
additional info in this file #

The undersigned hereby certifies that, to the best of his knowledge and belief, the foregoing is a true and correct record of the above described hole.

Ray Martin
Driller
11-31-03
(mm/dd/year)

FOR STATE ENGINEER USE ONLY

<table>
<thead>
<tr>
<th>Quad</th>
<th>FWL</th>
<th>FSL</th>
<th>Use</th>
<th>Location No.</th>
</tr>
</thead>
</table>

File Number: T-04443  Form: wr-20  page 4 of 4

Tran Number: 287120

March 08, 2004  DOMESTIC

18S.11E.07.22
TRN287120
Greetings:

The above numbered permit was issued in your name on 10/30/2003, for testing purposes only. The well record was received in this office on 03/02/2004, stating that it had been completed on 12/31/2003. No water shall be used from this well unless and until a Change of Ownership form has been submitted and a new permit has been issued to an applicant who intends to use the water for any of the purposes described in Section 72-12-1.

Forms to apply to use the well will be sent upon request and must be filled out in triplicate. A $2.00 filing fee for the Change of Ownership and a $9.00 filing fee for the new permit will be required so the new owners or other agent can use the well. Please remember, the new owners must sign the application.

If you have any questions, please feel free to contact us.

Sincerely,

Susan Bencini
(505)524-6161

cc: Santa Fe Office

cond9wr
STATE ENGINEER OFFICE

WELL RECORD
Section 1. GENERAL INFORMATION

(A) Owner of Well: JOSEPH S GRAHAM
Owner's well No.
Street or Post Office Address: P.O. BOX 636
City and State: HIGH ROLLS, NM 88325
Well was drilled under Permit No. T-46955 and is located in the:

a. ¼ NE ¼ NW ¼ of Section 8 Township 18S Range 11 N.M.P.M.

b. Tract No. of Map No. of the

c. Lot No. of Block No. of the Subdivision, recorded in County.

d. X= feet, Y= feet, N.M. Coordinate System Zone in the

(B) Drilling Contractor HAROLD R JOHNSON / DRILLKO License No. WD-1416
Address # 4 DOUGLAS DRIVE, ALAMOGORDO, NM 88310
Drilling Began 1 MAR 05 Completed 1 MAY 05 Type tools ROTARY Size of hole 7-7/8 in.

Elevation of surface land of 923 ft. Total depth of well 350 ft.

Completed well is X shallow uterine Depth to water upon completion of well 300 ft.

Section 2. PRINCIPAL WATER-BEARING STRATA

<table>
<thead>
<tr>
<th>Depth in Feet</th>
<th>Thickness in Feet</th>
<th>Description of Water-Bearing Formation</th>
<th>Estimated Yield</th>
</tr>
</thead>
<tbody>
<tr>
<td>From</td>
<td>To</td>
<td></td>
<td></td>
</tr>
<tr>
<td>15</td>
<td>16</td>
<td>GRAVEL</td>
<td>0.1</td>
</tr>
<tr>
<td>160</td>
<td>161</td>
<td>GRAVEL</td>
<td>0.1</td>
</tr>
</tbody>
</table>

Section 3. RECORD OF CASING

<table>
<thead>
<tr>
<th>Diameter (inches)</th>
<th>Pounds per foot</th>
<th>Threads per in.</th>
<th>Depth in Feet</th>
<th>Type of Shoe</th>
<th>Per Fert</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>Top</td>
<td>Bottom</td>
<td></td>
</tr>
</tbody>
</table>

Section 4. RECORD OF MUDDING AND CEMENTING

<table>
<thead>
<tr>
<th>Depth in Feet</th>
<th>Hole Diameter</th>
<th>Sacks of Mud</th>
<th>Cubic Feet Of Cement</th>
<th>Method of Placement</th>
</tr>
</thead>
<tbody>
<tr>
<td>From</td>
<td>To</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Section 4. PLUGGING RECORD

<table>
<thead>
<tr>
<th>Plugging No.</th>
<th>Depth in Feet</th>
<th>Cubic Feet of Cement</th>
</tr>
</thead>
<tbody>
<tr>
<td>Top</td>
<td>Bottom</td>
<td></td>
</tr>
<tr>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

State Engineer Representative

FOR OFFICIAL USE OF STATE ENGINEER ONLY

Date Received: June 7, 2005
Quad EWL ISL
File No. 316570 Use Location No.

T - 4695
18S.11.08
## Section 5. LOG OF HOLE

<table>
<thead>
<tr>
<th>Depth in Feet</th>
<th>Thickness in Feet</th>
<th>Color and Type of Material Encountered</th>
</tr>
</thead>
<tbody>
<tr>
<td>From 0</td>
<td>To 15</td>
<td>15</td>
</tr>
<tr>
<td>15</td>
<td>16</td>
<td>1</td>
</tr>
<tr>
<td>16</td>
<td>160</td>
<td>144</td>
</tr>
<tr>
<td>160</td>
<td>161</td>
<td>1</td>
</tr>
<tr>
<td>161</td>
<td>300</td>
<td>139</td>
</tr>
</tbody>
</table>

### Section 7. REMARKS AND ADDITIONAL INFORMATION

WELL NOT CASED AS PER OWNERS REQUEST.
LOW YIELD

The undersigned hereby certifies that, to the best of his knowledge and belief, the foregoing is a true and correct record of the above described hole.

[Signature]
Driller

INSTRUCTIONS: This form should be executed in triplicate, preferably typewritten, and submitted to the appropriate district office of the State Engineer. All sections, except Section 5, shall be answered as completely and accurately as possible when any well is drilled, repaired, or deepened. When this form is used as a plugging record, only Section 1(a) and Section 5 need be completed.
JOSEPH S. GRAHAM
P.O. BOX 636
MOUNTAIN PARK, NM 88325

Greetings:

Enclosed is your copy of the well record for the above numbered permit, which has been accepted for filing.

Sincerely,

Debbie Heredia
(505) 524-6161

Enclosure
cc: Santa Fe Office
wellrrcv
STATE ENGINEER OFFICE
WELL RECORD

Section 1. GENERAL INFORMATION

(A) Owner of well: Ben Stevens
Owner's Well No.: 
Street or Post Office Address: Box 367
City and State: Alamogordo, N. M. 88310

Well was drilled under Permit No. T-565 and is located in the:

- Section 21, Township 15S, Range 10 E, N.M.P.M.
- Tract No. of Map No. of the
- Lot No. of Block No. of the Subdivision, recorded in Otero County
- X= feet, Y= feet, N.M. Coordinate System Zone in the
- Grant.

(B) Drilling Contractor: Brazial Well Drilling Inc.
License No.: WD-601
Address: Box 180 La Luz, N. M. 88337

Drilling Began: 4-25-83
Completed: 4-28-83
Type tools: Air-Hammer
Size of hole: 8" in.

Elevation of land surface or at well is ft. Total depth of well ft.

Completed well is \[ \checkmark \] shallow \[ \square \] artesian.

Depth to water upon completion of well ft.

Section 2. PRINCIPAL WATER-BEARING STRATA

<table>
<thead>
<tr>
<th>Depth in Feet</th>
<th>Thickness in Feet</th>
<th>Description of Water-Bearing Formation</th>
<th>Estimated Yield (gallons per minute)</th>
</tr>
</thead>
<tbody>
<tr>
<td>From</td>
<td>To</td>
<td></td>
<td></td>
</tr>
<tr>
<td>30</td>
<td>50</td>
<td>20</td>
<td>Sand &amp; gravel</td>
</tr>
</tbody>
</table>

Section 3. RECORD OF CASING

<table>
<thead>
<tr>
<th>Diameter (inches)</th>
<th>Pounds per foot</th>
<th>Threads per in.</th>
<th>Depth in Feet (Top)</th>
<th>Length (feet)</th>
<th>Type of</th>
<th>Perforations</th>
</tr>
</thead>
<tbody>
<tr>
<td>4&quot;</td>
<td>188</td>
<td>weld</td>
<td>0</td>
<td>82</td>
<td>none</td>
<td>42</td>
</tr>
</tbody>
</table>

Section 4. RECORD OF MUDDING AND CEMENTING

<table>
<thead>
<tr>
<th>Depth in Feet</th>
<th>Hole Diameter</th>
<th>Sacks of Mud</th>
<th>Cubic Feet of Cement</th>
<th>Method of Placement</th>
</tr>
</thead>
<tbody>
<tr>
<td>From</td>
<td>To</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Section 5. PLUGGING RECORD

Plugging Contractor
Address
Plugging Method
Date Well Plugged
Plugging approved by:

State Engineer Representative

Date Received: May 9, 1983

FOR USE OF STATE ENGINEER ONLY

Quad: FWL
File No.: T-565
Use: Domestic
Location No.: 15.10X.21.42
<table>
<thead>
<tr>
<th>Depth in Feet</th>
<th>Thickness in Feet</th>
<th>Color and Type of Material Encountered</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>25</td>
<td>Clay</td>
</tr>
<tr>
<td>25</td>
<td>50</td>
<td>Big gravel &amp; sand</td>
</tr>
<tr>
<td>50</td>
<td>85</td>
<td>Clay</td>
</tr>
<tr>
<td>85</td>
<td>100</td>
<td>Sand stone</td>
</tr>
</tbody>
</table>

Section 7. REMARKS AND ADDITIONAL INFORMATION

The undersigned hereby certifies that, to the best of his knowledge and belief, the foregoing is a true and correct record of the above described hole.

INSTRUCTIONS: This form should be executed in triplicate, preferably typewritten, and submitted to the appropriate district office of the State Engineer. All sections, except Section 5, shall be answered as completely and accurately as possible when any well is drilled, repaired or deepened. When this form is used as a plug seam record, only Section 1a and Section 5 need be completed.
FILE: T-565

Mr. Ben Stevens
P. O. Box 367
Alamogordo, New Mexico 88310

Dear Sir:

Enclosed is your copy of the well record for your domestic well No. T-565, which has been accepted for filing.

This is the final filing under Domestic Well Permit No. T-565.

Yours truly,

[Signature]

L. L. Putnam
Supervisor, District III

LTP:efs
Encl: Well Record
cc: State Engineer
NEW MEXICO OFFICE OF THE STATE ENGINEER
WELL RECORD

1. OWNER OF WELL
Name: Bug Scuffle Sportsman's Ranch Assoc
Contact: Alexander L Wright - President
Address: 150 West Lisa Drive
City: Chaparral
State: NM
Zip: 88081

2. LOCATION OF WELL (A, B, C, or D required, E or F if known)
A. SW 1/4 NE 1/4 SW 1/4 Section: 36 Township: 18S Range: 11E N.M.P.M. in Otero County.
B. X = _______ feet, Y = _______ feet, N.M. Coordinate System Zone in the Grant.
U.S.G.S. Quad Map
C. Latitude: 32 d 41 m 590 s Longitude: 105 d 47 m 679 s
D. East _______ (m), North _______ (m), UTM Zone 13, NAD _______ (27 or 83)
E. Tract No. _______, Map No. _______ of the Hydrographic Survey
F. Lot No. _______, Block No. _______ of Unit/Tract of the Subdivision recorded in _______ County.
G. Other:
H. Give State Engineer File Number if existing well:
I. On land owned by (required): Bug Scuffle Sportsman's Ranch Assoc

3. DRILLING CONTRACTOR
License Number: WD-601
Name: Statewide Drilling, Inc.
Agent:
Mailing Address: PO Box 458
City: La Luz
State: NM
Zip: 88337

4. DRILLING RECORD
Drilling began: 06/21/2006; Completed: 06/22/2006; Type tools: Air Rotary
Size of hole: 8 in.; Total depth of well: 220 ft.;
Completed well is: shallow (shallow, artesian);
Depth to water upon completion of well: 153 ft.
5. PRINCIPAL WATER-BEARING STRATA

<table>
<thead>
<tr>
<th>Depth in Feet</th>
<th>Thickness in feet</th>
<th>Description of water-bearing formation</th>
<th>Estimated Yield (GPM)</th>
</tr>
</thead>
<tbody>
<tr>
<td>From 90 To 95</td>
<td>5</td>
<td>Fractured limestone</td>
<td>1 - 2</td>
</tr>
<tr>
<td>157 To 160</td>
<td>3</td>
<td>Fractured limestone</td>
<td>1 - 2</td>
</tr>
</tbody>
</table>

6. RECORD OF CASING

<table>
<thead>
<tr>
<th>Diameter (inches)</th>
<th>Pounds per ft.</th>
<th>Threads per in.</th>
<th>Depth in Feet</th>
<th>Length (feet)</th>
<th>Type of Shoe</th>
<th>Perforations</th>
</tr>
</thead>
<tbody>
<tr>
<td>6 Steel</td>
<td></td>
<td>+2</td>
<td>19</td>
<td>21</td>
<td></td>
<td></td>
</tr>
<tr>
<td>5 PVC</td>
<td></td>
<td>-2</td>
<td>220</td>
<td>220</td>
<td></td>
<td>160 - 220</td>
</tr>
</tbody>
</table>

7. RECORD OF MUDDING AND CEMENTING

<table>
<thead>
<tr>
<th>Depth in Feet</th>
<th>Hole Diameter</th>
<th>Sacks of mud</th>
<th>Cubic Feet of Cement</th>
<th>Method of Placement</th>
</tr>
</thead>
<tbody>
<tr>
<td>From -2 To 19</td>
<td>12</td>
<td></td>
<td>12 bags</td>
<td>Poured</td>
</tr>
</tbody>
</table>

8. PLUGGING RECORD

Plugging Contractor:
Address:
Plugging Method:
Date Well Plugged:
Plugging approved by: State Engineer Representative

<table>
<thead>
<tr>
<th>No.</th>
<th>Depth in Feet</th>
<th>Cubic Feet of Cement</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4</td>
<td></td>
<td></td>
</tr>
<tr>
<td>5</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
9. LOG OF HOLE

<table>
<thead>
<tr>
<th>Depth in feet</th>
<th>Thickness in feet</th>
<th>Color and Type of Material Encountered</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 - 5</td>
<td>5</td>
<td>Loose brown dirt w/ boulders</td>
</tr>
<tr>
<td>5 - 10</td>
<td>5</td>
<td>Brown limestone ledge</td>
</tr>
<tr>
<td>10 - 55</td>
<td>45</td>
<td>Red clay</td>
</tr>
<tr>
<td>55 - 80</td>
<td>25</td>
<td>Brown clay &amp; gravel</td>
</tr>
<tr>
<td>80 - 85</td>
<td>5</td>
<td>Gray shale</td>
</tr>
<tr>
<td>85 - 95</td>
<td>10</td>
<td>Brown limestone w/ fractures</td>
</tr>
<tr>
<td>95 - 155</td>
<td>60</td>
<td>Gray limestone w/ fractures</td>
</tr>
<tr>
<td>155 - 160</td>
<td>5</td>
<td>Brown limestone w/ fractures (lost water)</td>
</tr>
<tr>
<td>160 - 195</td>
<td>35</td>
<td>Gray limestone</td>
</tr>
<tr>
<td>195 - 200</td>
<td>5</td>
<td>Fractured brown sandstone w/ limestone</td>
</tr>
<tr>
<td>200 - 220</td>
<td>20</td>
<td>Gray limestone</td>
</tr>
</tbody>
</table>
The undersigned hereby certifies that, to the best of his knowledge and belief, the foregoing is a true and correct record of the above described hole.

Mac Lueras  
Driller  
06/22/2006  
(mm/dd/year)

FOR STATE ENGINEER USE ONLY

Quad ___ : FWL ___ : FSL ___ : Use ___ : Location No. ___
ALEXANDER L WRIGHT, PRESIDENT
BUG SCUFFLE SPORTSMANS RANCH
150 WEST LISA DRIVE
CHAPARRAL, NM 88081

Greetings:

The well driller’s record for the above numbered well has been received in this office indicating your well has been completed.

Your permit was granted with the condition that a meter be installed and meter readings submitted to this office.

Per Condition 5B, please advise this office within 30 days, on the attached form, of the make, model, serial number, date of installation, and initial reading of the meter prior to appropriation of the water.

If you have any questions, please feel free to contact us.

Sincerely,

Sarah Rodriguez
(505) 524-6161

Enclosure
cc: Santa Fe Office

wellcon5
ALEXANDER L WRIGHT, PRESIDENT
BUG SCUFFLE SPORTSMANS RANCH
150 WEST LISA DRIVE
CHAPARRAL, NM  88081

Greetings:

Enclosed is your copy of the well record for the above numbered permit, which has been accepted for filing.

Sincerely,

Sarah Rodriguez  
(505) 524-6161

Enclosure
cc: Santa Fe Office

wellrrcv
STATE ENGINEER OFFICE
WELL RECORD

Section 1. GENERAL INFORMATION

(A) Owner of well: Richard Boss
Street or Post Office Address: P.O. Box 561
City and State: Alamogordo, N.M. 88310

Well was drilled under Permit No. T-1609 and is located in the:

a. SW 1/4 SE 1/4 NW 1/4 of Section 7
b. Tract No. ______ of Map No. ______ of the
   ______ of Block No. ______ of the ______ Subdivision, recorded in ______ County.
d. X= __________ feet, Y= __________ feet, N.M. Coordinate System ______ Zone in
   ______ County.

(B) Drilling Contractor: Brasel Well drilling Inc.
   License No. WD-601
   Address: P.O. Box 458, La Luz, N.M. 88337

Drilling Began: 12/15/87
   Completed: 12/17/87
   Type tools: Air Rotary
   Size of hole: 8 in.
   Elevation of land surface at well: ______ ft.
   Total depth of well: ______ ft.

Completed well is X shallow □ artesian.
   Depth to water upon completion of well: ______ ft.

Section 2. PRINCIPAL WATER-BEARING STRATA

<table>
<thead>
<tr>
<th>Depth in Feet</th>
<th>Thickness in Feet</th>
<th>Description of Water-Bearing Formation</th>
<th>Estimated Yield (gallons per minute)</th>
</tr>
</thead>
<tbody>
<tr>
<td>From To</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>160 165</td>
<td>5</td>
<td>Sand &amp; Gravel</td>
<td>5</td>
</tr>
<tr>
<td>195 205</td>
<td>10</td>
<td>Sand &amp; Gravel</td>
<td>10</td>
</tr>
</tbody>
</table>

Section 3. RECORD OF CASING

<table>
<thead>
<tr>
<th>Diameter (inches)</th>
<th>Pounds per foot</th>
<th>Threads per in.</th>
<th>Depth in Feet</th>
<th>Length (feet)</th>
<th>Type of Shoe</th>
<th>Perforations</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>Top Bottom</td>
<td></td>
<td></td>
<td>From To</td>
</tr>
<tr>
<td>5</td>
<td>PVC</td>
<td></td>
<td>0 198</td>
<td>198</td>
<td></td>
<td>138 198</td>
</tr>
<tr>
<td>6</td>
<td>Steel</td>
<td>+1</td>
<td>2</td>
<td>3</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Section 4. RECORD OF MUDDING AND CEMENTING

<table>
<thead>
<tr>
<th>Depth in Feet</th>
<th>Hole Diameter</th>
<th>Sacks of Mud</th>
<th>Cubic Feet of Cement</th>
<th>Method of Placement</th>
</tr>
</thead>
<tbody>
<tr>
<td>From To</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Section 5. PLUGGING RECORD

Plugging Contractor

Address

Plugging Method

Date Well Plugged

Plugging approved by:

State Engineer Representative

FOR USE OF STATE ENGINEER ONLY

Date Received: November 28, 1987

Quad: FWL

File No.: T-1609

Use Domestic: Location No.: 17S. 10E. 7.143

Cubic Feet of Cement

1

2

3

4
<table>
<thead>
<tr>
<th>Section 7: REMARKS AND ADDITIONAL INFORMATION</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
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<td></td>
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<td></td>
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<td></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td>Depth in Feet</td>
</tr>
<tr>
<td>Color and Type of Material Encountered</td>
</tr>
<tr>
<td>From 30 ft. in Fresent</td>
</tr>
<tr>
<td>From top of prarent of gravel</td>
</tr>
<tr>
<td>From top of gravel</td>
</tr>
<tr>
<td>3/4 yards of 3/8 gravel for gravel pack</td>
</tr>
</tbody>
</table>
FILE: T-1609

Richard Boss
P. O. Box 561
Alamogordo, NM 88310

Dear Mr. Boss:

Enclosed is your copy of Well Record for Domestic Well Permit No. T-1609, which has been accepted for filing subject to the conditions as noted on your permit.

Your attention is called to the reverse side of your permit to all General Conditions, but special attention is directed to Specific Condition No. 4, which states:

4. Use shall be limited to one household, non-commercial trees, lawn and garden not to exceed one acre and/or stock use.

This is the final filing under domestic well permit No. T-1609.

Sincerely,

J. B. Nixon
Supervisor, District 4

JEN:mm
Encl: Well Record
cc: State Engineer
1. OWNER OF WELL

Name: Roger & Sherill Bodwell
Contact: 
Address: 
City: 
State: NM Zip:

Work Phone: 
Home Phone: 

2. LOCATION OF WELL (A, B, C, or D required, E or F if known)

A. NE 1/4 SW 1/4 NW 1/4 Section 15 Township: 15S Range: 11E N.M.P.M. in Otro County.

B. X = __________ feet, Y = __________ feet, N.M. Coordinate System Zone in the __________________________ Grant.

U.S.G.S. Quad Map __________

C. Latitude: ________ d __ m __ s Longitude: ________ d __ m __ s

D. East ________ (m), North ________ (m), UTM Zone 13, NAD __ (27 or 83)

E. Tract No _____, Map No. _____ of the ______________ Hydrographic Survey

F. Lot No. _____, Block No. _____ of Unit/Tract ______________ of the ______________ Subdivision recorded in ______________ County.

G. Other: ________________________________

H. Give State Engineer File Number if existing well: ____________________________

I. On land owned by (required): Self

3. DRILLING CONTRACTOR

License Number: WD-1453
Name: Hydrotech Drilling
Agent: Joseph or Kimberly Skaptar
Mailing Address: 21 Prairie Trail

City: Tularosa State: NM Zip: 88352

Work Phone: (505) 585-7918 Home Phone: (Same)

4. DRILLING RECORD

Size of hole: 7 7/8 in., Total depth of well: 160 ft.; Completed well is: Shallow (shallow, artesian);
Depth to water upon completion of well: 80 ft.
NEW MEXICO OFFICE OF THE STATE ENGINEER
WELL RECORD

5. PRINCIPAL WATER-BEARING STRATA

<table>
<thead>
<tr>
<th>Depth in Feet</th>
<th>Thickness in feet</th>
<th>Description of water-bearing formation</th>
<th>Estimated Yield (GPM)</th>
</tr>
</thead>
<tbody>
<tr>
<td>From 80</td>
<td>To 81</td>
<td>Fractured Sandstone</td>
<td>5</td>
</tr>
</tbody>
</table>

6. RECORD OF CASING

<table>
<thead>
<tr>
<th>Diameter (inches)</th>
<th>Pounds per ft.</th>
<th>Threads per in.</th>
<th>Depth in Feet</th>
<th>Length (feet)</th>
<th>Type of Shoe</th>
<th>Perforations From To</th>
</tr>
</thead>
<tbody>
<tr>
<td>5</td>
<td>PVC</td>
<td>PVC</td>
<td>0</td>
<td>160</td>
<td>160</td>
<td>120 160</td>
</tr>
</tbody>
</table>

7. RECORD OF MUDDLING AND CEMENTING

<table>
<thead>
<tr>
<th>Depth in Feet</th>
<th>Hole Diameter</th>
<th>Sacks of mud</th>
<th>Cubic Feet of Cement</th>
<th>Method of Placement</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

8. PLUGGING RECORD

Plugging Contractor: ________________________________
Address: ________________________________________
Plugging Method: ________________________________
Date Well Plugged: ________________________________

Plugging approved by: ________________________________
State Engineer Representative

JUNE 24, 2002

FILE NUMBER: T-3977  TRN NUMBER: TRN216576
9. LOG OF HOLE

<table>
<thead>
<tr>
<th>Depth in Feet</th>
<th>Thickness in feet</th>
<th>Color and Type of Material Encountered</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>20</td>
<td>Topsoil, Loose Rock</td>
</tr>
<tr>
<td>20</td>
<td>80</td>
<td>Red Sandstone</td>
</tr>
<tr>
<td>80</td>
<td>81</td>
<td>Fractured Sandstone</td>
</tr>
<tr>
<td>81</td>
<td>160</td>
<td>Red Sandstone</td>
</tr>
</tbody>
</table>
NEW MEXICO OFFICE OF THE STATE ENGINEER
WELL RECORD

10. ADDITIONAL STATEMENTS OR EXPLANATIONS:

The undersigned hereby certifies that, to the best of his knowledge and belief, the foregoing is a true and correct record of the above described hole.

[Signature]
Driller

[Date] (mm/dd/year)

FOR STATE ENGINEER USE ONLY

Quad _____; FWL _____; FSL _____; Use _________; Location No. __________

JUNE 24, 2002
File Number: T-3977
Form: wr-20
T-03977

DOMESTIC
15S.11E.15.132
TRN216576
ROGER H & SHERILL M BODWELL
665 LABORCITA CANYON ROAD
LA LUZ, NM  88337

Greetings:

Enclosed is your copy of the well record for the above numbered permit, which has been accepted for filing.

Sincerely,

[Signature]

Elizabeth Hays
(505)524-6161

Enclosure
cc: Santa Fe Office

wellrrcv
Section 1. GENERAL INFORMATION

(A) Owner of well: FRANK & RONNA BRYANT
Street or Post Office Address: PO BOX 506
City and State: HIGH ROLL, NM 88325
Owner's Well No: 434-5344

Well was drilled under Permit No: T-03309
and is located in the:

a. NW ¼ NE ¼ SW ¼ SE ¼ of Section 4 Township: 16S Range: 11E

b. Tract No. of Map No. of the

Subdivision, recorded in OTERO County.

c. Lot No. of Block No. of the

Grant.

d. X= feet, Y= feet, N M Coordinate System Zone in

the

(B) Drilling Contractor: St. Jovardo Drilling, Inc.
Address: P. O. Box 1358
La Luz, NM 88337

License No.: HD-601

Drilling began: 06/22/98
Completed: 06/22/98
Type tools: air rotary
Size of hole: 8 in.

Elevation of land surface or at well is ft. Total depth of well: 100 ft.

Completed well is ☐ shallow ☐ artesian.

Depth to water upon completion of well: 12 ft.

Section 2. PRINCIPAL WATER-BEARING STRATA

<table>
<thead>
<tr>
<th>Depth in Feet</th>
<th>Thickness in Feet</th>
<th>Description of Water-Bearing Formation</th>
<th>Estimated Yield (gallons per minute)</th>
</tr>
</thead>
<tbody>
<tr>
<td>From 38</td>
<td>To 42</td>
<td>4 gravel</td>
<td>40</td>
</tr>
</tbody>
</table>

Section 3. RECORD OF CASING

<table>
<thead>
<tr>
<th>Diameter (inches)</th>
<th>Pounds per foot</th>
<th>Threads per in.</th>
<th>Depth in Feet</th>
<th>Length (feet)</th>
<th>Type of Shoe</th>
<th>Perforations</th>
</tr>
</thead>
<tbody>
<tr>
<td>5</td>
<td>PVC</td>
<td>0</td>
<td>100</td>
<td>100</td>
<td>40 60</td>
<td>80 100</td>
</tr>
<tr>
<td>8</td>
<td>steel</td>
<td>+2</td>
<td>32</td>
<td>34</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Section 4. RECORD OF MUDDLING AND CEMENTING

<table>
<thead>
<tr>
<th>Depth in Feet</th>
<th>Hole Diameter</th>
<th>Sacks of Mud</th>
<th>Cubic Feet of Cement</th>
<th>Method of Placement</th>
</tr>
</thead>
<tbody>
<tr>
<td>From</td>
<td>To</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Section 5. PLUGGING RECORD

Plugging Contractor: [Blank]
Address: [Blank]

Plugging Method: [Blank]

Date Well Plugged: [Blank]

Plugging approved by: [Blank]

State Engineer Representative: [Blank]

FOR USE OF STATE ENGINEER ONLY

Date Received: July 6, 1998
Quad: FWL FSL
File No.: T-03309
Use: Domestic
Location No.: 16S.11E.04.321
<table>
<thead>
<tr>
<th>Depth in Feet</th>
<th>Color and Type of Material Encountered</th>
</tr>
</thead>
<tbody>
<tr>
<td>From</td>
<td>To</td>
</tr>
<tr>
<td>0</td>
<td>2</td>
</tr>
<tr>
<td>2</td>
<td>28</td>
</tr>
<tr>
<td>28</td>
<td>38</td>
</tr>
<tr>
<td>38</td>
<td>42</td>
</tr>
<tr>
<td>42</td>
<td>100</td>
</tr>
</tbody>
</table>

Section 7. REMARKS AND ADDITIONAL INFORMATION

The undersigned hereby certifies that, to the best of his knowledge and belief, the foregoing is true and correct record of the above described hole.

Driller
Greetings:

Enclosed is your copy of the well record for the above numbered permit, which has been accepted for filing.

Sincerely,

[Signature]

Tom Valverde
(505) 524-6161

Enclosure
cc: Santa Fe Office

wellrco
STATE ENGINEER OFFICE
WELL RECORD

Section 1. GENERAL INFORMATION

(A) Owner of well: MARLIN VIRDEN Owner's Well No.________________________
Street or Post Office Address: PO BOX 1052
City and State: TULAROSA, NM 88352

Well was drilled under Permit No. T-1283 and is located in the:

a. ¼ NE ¼ NE ¼ NW ¼ of Section 18 Township 14S Range 11E N.M.P.M.

b. Tract No._________ of Map No._________ of the ____________________________
c. Lot No._________ of Block No._________ of the ____________________________
Subdivision, recorded in _________ County.
d. X=_________ feet, Y=_________ feet, N.M. Coordinate System ________________ Zone in
the ______________________ Grant.

(B) Drilling Contractor: WESLEY WESBURN License No. wd-630
Address: PO BOX 905 BOOKOUT NORTHWEST TULAROSA, nm 88352

Drilling Began 2/20/86 Completed 2/27/86 Type tools ROTARY Size of hole 8 in.
Elevation of land surface or ___________ at well is ___________ Total depth of well 500 ft.
Completed well is ☐ shallow ☐ artesian. Depth to water upon completion of well 47 ft.

Section 2. PRINCIPAL WATER-BEARING STRATA

<table>
<thead>
<tr>
<th>Depth in Feet</th>
<th>Thickness in Feet</th>
<th>Description of Water-Bearing Formation</th>
<th>Estimated Yield (gallons per minute)</th>
</tr>
</thead>
<tbody>
<tr>
<td>From</td>
<td>To</td>
<td>23</td>
<td>BROWN LIMESTONE ROCK HARD</td>
</tr>
</tbody>
</table>

Section 3. RECORD OF CASING

<table>
<thead>
<tr>
<th>Diameter (inches)</th>
<th>Pounds per foot</th>
<th>Threads per in.</th>
<th>Depth in Feet</th>
<th>Length (feet)</th>
<th>Type of Shoe</th>
<th>Perforations</th>
</tr>
</thead>
<tbody>
<tr>
<td>4 1/2 SCHEDULE</td>
<td>40</td>
<td>0</td>
<td>500</td>
<td>20</td>
<td>NONE</td>
<td>50 300</td>
</tr>
</tbody>
</table>

Section 4. RECORD OF MUDDING AND CEMENTING

<table>
<thead>
<tr>
<th>Depth in Feet</th>
<th>Hole Diameter</th>
<th>Sacks of Mud</th>
<th>Cubic Feet of Cement</th>
<th>Method of Placement</th>
</tr>
</thead>
</table>

Section 5. PLUGGING RECORD

Plugging Contractor ____________________________
Address ____________________________
Plugging Method ____________________________
Date Well Plugged ____________________________
Plugging approved by: ____________________________
State Engineer Representative ____________________________

FOR USE OF STATE ENGINEER ONLY

Date Received March 10, 1986
Quad ____________ FWL ____________ FSL ____________
File No. T-1283 Use Dom/Stk ____________ Location No. 14.11E.18.122 ____________
<table>
<thead>
<tr>
<th>Depth in Feet</th>
<th>Thickness in Feet</th>
<th>Color and Type of Material Encountered</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>2</td>
<td>TOP SOIL</td>
</tr>
<tr>
<td>2</td>
<td>5</td>
<td>GRAVEL BOULDERS</td>
</tr>
<tr>
<td>5</td>
<td>22</td>
<td>RED SAND CLAY</td>
</tr>
<tr>
<td>22</td>
<td>26</td>
<td>GRAVEL BOULDERS</td>
</tr>
<tr>
<td>26</td>
<td>64</td>
<td>RED CLAY SANDED</td>
</tr>
<tr>
<td>64</td>
<td>87</td>
<td>BROWN LIMESTONE ROCK HARD</td>
</tr>
<tr>
<td>87</td>
<td>129</td>
<td>RED CLAY SANDED</td>
</tr>
<tr>
<td>129</td>
<td>132</td>
<td>RED SAND ROCK</td>
</tr>
<tr>
<td>132</td>
<td>156</td>
<td>BROWN SANDSTONE ROCK HARD</td>
</tr>
<tr>
<td>156</td>
<td>171</td>
<td>BROWN CLAY SANDED</td>
</tr>
<tr>
<td>171</td>
<td>176</td>
<td>BROWN SAND ROCK</td>
</tr>
<tr>
<td>176</td>
<td>198</td>
<td>BROWN CLAY SOFT SANDED</td>
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<tr>
<td>198</td>
<td>232</td>
<td>RED SAND ROCK HARD</td>
</tr>
<tr>
<td>232</td>
<td>258</td>
<td>BROWN CLAY SOFT</td>
</tr>
<tr>
<td>258</td>
<td>284</td>
<td>GRAY LIMESTONE HARD</td>
</tr>
<tr>
<td>284</td>
<td>312</td>
<td>RED SAND ROCK HARD</td>
</tr>
<tr>
<td>312</td>
<td>345</td>
<td>GRAY LIMESTONE ROCK HARD</td>
</tr>
<tr>
<td>345</td>
<td>372</td>
<td>RED SAND ROCK</td>
</tr>
<tr>
<td>372</td>
<td>396</td>
<td>BROWN RED CLAY SOFT</td>
</tr>
<tr>
<td>396</td>
<td>447</td>
<td>RED SANDSTONE ROCK HARD</td>
</tr>
<tr>
<td>447</td>
<td>457</td>
<td>BROWN CLAY SOFT</td>
</tr>
<tr>
<td>457</td>
<td>474</td>
<td>RED SAND ROCK</td>
</tr>
<tr>
<td>474</td>
<td>482</td>
<td>BROWN CLAY</td>
</tr>
<tr>
<td>482</td>
<td>487</td>
<td>RED SAND ROCK HARD</td>
</tr>
<tr>
<td>487</td>
<td>496</td>
<td>BROWN CLAY SOFT</td>
</tr>
<tr>
<td>496</td>
<td>500</td>
<td>RED SAND ROCK HARD</td>
</tr>
</tbody>
</table>

Section 7. REMARKS AND ADDITIONAL INFORMATION

The undersigned hereby certifies that, to the best of his knowledge and belief, the foregoing is a true and correct record of the above described hole.

Driller

INSTRUCTIONS: This form should be executed in triplicate, preferably typewritten, and submitted to the appropriate district office of the State Engineer. All sections, except Section 5, shall be answered as completely and accurately as possible when any well is drilled, repaired or deepened. When this form is used as a plugging record, only Section 1(a) and Section 5 need be completed.
STATE OF NEW MEXICO
STATE ENGINEER OFFICE
LAS CRUCES

FILE:  T-1283

Mr. Marlin Virden  
P.O. Box 1052  
Tularosa, NM  88352

March 10, 1986

Dear Mr. Virden:

Enclosed is your copy of the Well Record for your 
domestic and stock permit No. T-1283, which has been accepted 
for filing subject to the conditions as noted on your permit.

Your attention is called to the reverse side of your 
permit to all General Conditions, but special attention is 
directed to Specific Condition No. 4, which states:

4. Use shall be limited to one household, 
    non-commercial trees, lawn and garden 
    not to exceed one acre and stock use.

This is the final filing under T-1283.

Sincerely,

J. B. Nixon  
Engineer, District III

JBN:v1  
Encl: Well Record  
pc: State Engineer
WELL RECORD

INSTRUCTIONS: This form should be executed in triplicate, preferably typewritten, and submitted to the nearest district office of the State Engineer. All sections, except Section 5, shall be answered as completely and accurately as possible when any well is drilled, repaired or deepened. When this form is used as a plugging record, only Section 1A and Section 5 need be completed.

Section 1

(A) Owner of well W. W. Nichols
Street and Number Box 2
City La Jara
State N. M.

Well was drilled under Permit No. None and is located in the
Lot 4-1/4 Sec 1/4 S 1/4 E 1/4 of Section 13 Twp 15 S Rg 13 E

(B) Drilling Contractor Owner License No. None
Street and Number
City
State

Drilling was commenced Jan. 1956
Drilling was completed Jan. 1956

Elevation at top of casing in feet above sea level 6500 Total depth of well 214
State whether well is shallow or artesian Shallow Depth to water upon completion 12

Section 2

PRINCIPAL WATER-BEARING STRATA

<table>
<thead>
<tr>
<th>No.</th>
<th>Depth in Feet</th>
<th>Thickness in Feet</th>
<th>Description of Water-Bearing Formation</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>0</td>
<td>1/6</td>
<td>Gravelly clay</td>
</tr>
<tr>
<td>2</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>5</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Section 3

RECORD OF CASING

<table>
<thead>
<tr>
<th>Dia. in.</th>
<th>Pounds</th>
<th>Threads in</th>
<th>Depth Top to Feet</th>
<th>Type Shoe</th>
<th>Perforations From To</th>
</tr>
</thead>
<tbody>
<tr>
<td>8</td>
<td></td>
<td></td>
<td>24</td>
<td>12 24</td>
<td></td>
</tr>
</tbody>
</table>

Section 4

RECORD OF MUDDING AND CEMENTING

<table>
<thead>
<tr>
<th>Depth in Feet From To</th>
<th>Diameter Hole in in.</th>
<th>Tons Clay</th>
<th>No. Sacks of Cement</th>
<th>Methods Used</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>None</td>
</tr>
</tbody>
</table>

Section 5

PLUGGING RECORD

Name of Plugging Contractor
Street and Number
City
Tons of Clay used
Tons of Roughage used
Type of roughage
Date Plugged
Plugging approved by

State Engineer District Office
Denise, New Mexico

FOR USE OF STATE ENGINEER ONLY

September 6, 1956

Date Received

File No. Irrigation Use Location No. 15.11.13.33
<table>
<thead>
<tr>
<th>Depth in Feet</th>
<th>Thickness in Feet</th>
<th>Color</th>
<th>Type of Material Encountered</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>$\frac{1}{4}$</td>
<td>Red</td>
<td>Gravely clay</td>
</tr>
<tr>
<td>$\frac{1}{4}$</td>
<td>$\frac{3}{4}$</td>
<td>Red</td>
<td>Clay</td>
</tr>
</tbody>
</table>

The undersigned hereby certifies that, to the best of his knowledge and belief, the foregoing is a true and correct record of the above described well.

Well Driller
NEW MEXICO OFFICE OF THE STATE ENGINEER
WELL RECORD

1. OWNER OF WELL
Name: Roy E. McDaniel
Contact: 
Address: Box 1834
City: McGregor, Texas
State: TX Zip: 77516-183

2. LOCATION OF WELL (A, B, C, or D required, E or F if known)
A. ___ 1/4 ___ 1/4 ___ 1/4 Section:___ Township:___ Range:___ N.M.P.M.
in ___ County.
B. X = _______ feet, Y = _______ feet, N.M. Coordinate System
Zone in the __________ U.S.G.S. Quad Map __________
C. Latitude: 33° 05' 36.5" S Longitude: 106° 01' 51.7" W
D. East _______ (m), North _______ (m), UTM Zone 13, NAD ___ (27 or 83)
E. Tract No. ___, Map No. ___ of the __________ Hydrographic Survey
F. Lot No. ___, Block No. ___ of Unit/Tract _________ of the
___________ Subdivision recorded in _________ County.

G. Other: 

H. Give State Engineer File Number if existing well: 

I. On land owned by (required): Roy E. McDaniel

3. DRILLING CONTRACTOR
License Number: LDR 1229
Name: Richard Curtis
Agent: 
Mailing Address: 58 Mooncreek
City: Alamogordo
State: NM Zip: 88310

4. DRILLING RECORD
Drilling began: 12/18/06; Completed: 2/10/07; Type tools: Rotary
Size of hole: 12-1/2 in.; Total depth of well: 440 ft.
Completed well is: Shallow (shallow, artesian);
Depth to water upon completion of well: 200 ft.
5. PRINCIPAL WATER-BEARING STRATA

<table>
<thead>
<tr>
<th>Depth in Feet From</th>
<th>To</th>
<th>Thickness in feet</th>
<th>Description of water-bearing formation</th>
<th>Estimated Yield [GPM]</th>
</tr>
</thead>
<tbody>
<tr>
<td>140</td>
<td>148</td>
<td>8</td>
<td>gray gravel</td>
<td>10</td>
</tr>
<tr>
<td>240</td>
<td>255</td>
<td>15</td>
<td>multi color gravel</td>
<td>400</td>
</tr>
<tr>
<td>380</td>
<td>390</td>
<td>10</td>
<td>fine sandstone</td>
<td>400</td>
</tr>
</tbody>
</table>

6. RECORD OF CASING

<table>
<thead>
<tr>
<th>Diameter (inches)</th>
<th>Pounds per ft. per in.</th>
<th>Depth in Feet Top</th>
<th>Bottom</th>
<th>Length (feet)</th>
<th>Type of Shoe</th>
<th>Perforations From To</th>
</tr>
</thead>
<tbody>
<tr>
<td>8.3/4</td>
<td></td>
<td>-2</td>
<td>440</td>
<td>442</td>
<td>Lackid</td>
<td>360</td>
</tr>
<tr>
<td>12.7/4</td>
<td>1250</td>
<td></td>
<td>195</td>
<td>15</td>
<td></td>
<td>420</td>
</tr>
</tbody>
</table>

7. RECORD OF MUDDING AND CEMENTING

<table>
<thead>
<tr>
<th>Depth in Feet From</th>
<th>To</th>
<th>Diameter of Hole</th>
<th>Sacks of mud</th>
<th>Cubic Feet of Cement</th>
<th>Method of Placement</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>35</td>
<td>12.7/4</td>
<td>94</td>
<td></td>
<td>Tremie</td>
</tr>
</tbody>
</table>

8. PLUGGING RECORD

| Plugging Contractor: | | | | |
|----------------------| | | | |
| Address:             | | | | |
| Plugging Method:     | | | | |
| Date Well Plugged:   | | | | |
| Plugging approved by:| | | | |

State Engineer Representative

<table>
<thead>
<tr>
<th>No. Depth in Feet Top</th>
<th>Bottom</th>
<th>Cubic Feet of Cement</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4</td>
<td></td>
<td></td>
</tr>
<tr>
<td>5</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
# NEW MEXICO OFFICE OF THE STATE ENGINEER
## WELL RECORD

### 9. LOG OF HOLE

<table>
<thead>
<tr>
<th>Depth in Feet From</th>
<th>Thickness in Feet</th>
<th>Color and Type of Material Encountered</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>6</td>
<td>Surface dirt</td>
</tr>
<tr>
<td>6</td>
<td>14</td>
<td>Sandstone, gray</td>
</tr>
<tr>
<td>14</td>
<td>140</td>
<td>Red Clay</td>
</tr>
<tr>
<td>140</td>
<td>148</td>
<td>Gray sand</td>
</tr>
<tr>
<td>148</td>
<td>240</td>
<td>Gray gravel</td>
</tr>
<tr>
<td>240</td>
<td>255</td>
<td>Red yellow gravel</td>
</tr>
<tr>
<td>255</td>
<td>350</td>
<td>Red yellow gravel</td>
</tr>
<tr>
<td>350</td>
<td>400</td>
<td>Red yellow gravel</td>
</tr>
<tr>
<td>400</td>
<td>440</td>
<td>Red Clays</td>
</tr>
</tbody>
</table>
10. ADDITIONAL STATEMENTS OR EXPLANATIONS:

=====================================================================

=====================================================================

The undersigned hereby certifies that, to the best of his knowledge and belief, the foregoing is a true and correct record of the above described hole.

Richard [Signature]  2/21/07
Driller (mm/dd/year)

=====================================================================

FOR STATE ENGINEER USE ONLY

Quad ____; FWL ____; FSL ____; Use _______; Location No. ________

=====================================================================
Trm Nbr: 316087
File Nbr: T 00025 AA
Well File Nbr: T 00025 AA

Feb. 27, 2007

ROY E MCDANIEL
CRESSY L DRUMMOND
BOX 1834
ANGLETON, TX 77516-1834

Greetings:

Enclosed is your copy of the well record for the above numbered permit, which has been accepted for filing.

Sincerely,

Sarah Rodriguez
(505) 524-4161

Enclosure
cc: Santa Fe Office

wellrrcv
NEW MEXICO OFFICE OF THE STATE ENGINEER
WELL RECORD

1. OWNER OF WELL
   Name: Ray E. Melville + Crossley Drummond
   Work Phone: 999-849-1894
   Contact: P.O. Box 1874
   Address: Angleton, Texas 77516 - 1874
   City: Angleton, Texas 77516 - 1874
   State: Zip:

2. LOCATION OF WELL (A, B, C, or D required, E or F if known)
   A. NW 1/4 NW 1/4 NE 1/4 Section: 19 Township: 14S Range: 10E N.M.P.M.
      County:
   B. X = feet, Y = feet, N.M. Coordinate System
      Zone in the Grant.
      U.S.G.S. Quad Map
   C. Latitude: d m s Longitude: d m s
   D. East (m), North (m), UTM Zone 13, NAD 27 (27 or 83)
   E. Tract No., Map No. of the Hydrographic Survey
   F. Lot No., Block No. of Unit/Tract of the Subdivision recorded in County:
   G. Other:
   H. Give State Engineer File Number if existing well:
   I. On land owned by (required): applicant

3. DRILLING CONTRACTOR
   License Number: WD-545
   Name: Ray E. Melville + Crossley Drummond
   Work Phone: 434-0587
   Agent:
   Mailing Address: 147 Rockcliff Rd
   City: Iowa
   State: NM
   Zip: 88057

4. DRILLING RECORD
   Drilling began: 1-3-05; Completed: 5-26-05; Type tools:  
   Size of hole: in.; Total depth of well: ft.;
   Completed well is: - (shallow, artesian);
   Depth to water upon completion of well: ft.

File Number: May 27, 2005
Form: WI-20
page 1 of 4

Trn Number: 3124-16-10-19
Trn No.: T 4656
5. PRINCIPAL WATER-BEARING STRATA

<table>
<thead>
<tr>
<th>Depth in Feet</th>
<th>Thickness in feet</th>
<th>Description of water-bearing formation</th>
<th>Estimated Yield (GPM)</th>
</tr>
</thead>
<tbody>
<tr>
<td>150 to 285</td>
<td>135</td>
<td>Layer of sand and gravel</td>
<td>35 plus</td>
</tr>
</tbody>
</table>

6. RECORD OF CASING

<table>
<thead>
<tr>
<th>Diameter (inches)</th>
<th>Pounds per ft.</th>
<th>Threads</th>
<th>Depth in Feet</th>
<th>Length (feet)</th>
<th>Type of Shoe</th>
<th>Perforations</th>
</tr>
</thead>
<tbody>
<tr>
<td>6 1/8</td>
<td>188</td>
<td>10</td>
<td>150 to 285</td>
<td>185</td>
<td>NONE</td>
<td>185 to 285</td>
</tr>
</tbody>
</table>

7. RECORD OF MUDDING AND CEMENTING

<table>
<thead>
<tr>
<th>Depth in Feet</th>
<th>Hole Diameter</th>
<th>Sacks of mud</th>
<th>Cubic Feet of Cement</th>
<th>Method of Placement</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
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<td></td>
</tr>
</tbody>
</table>

8. PLUGGING RECORD

Plugging Contractor: 
Address: 
Plugging Method: 
Date Well Plugged: 
Plugging approved by: State Engineer Representative

May 27, 2005

File Number: T-4656
Form: wr-20
Trn Number: 410254

Page 2 of 4
9. LOG OF HOLE

<table>
<thead>
<tr>
<th>Depth in Feet From</th>
<th>Thickness in feet</th>
<th>Color and Type of Material Encountered</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>15</td>
<td>Layers of Sand &amp; gravel</td>
</tr>
<tr>
<td>15</td>
<td>180</td>
<td>Layers of Brown clay &amp; gravel</td>
</tr>
<tr>
<td>180</td>
<td>285</td>
<td>Layers of Sand &amp; gravel</td>
</tr>
<tr>
<td></td>
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<tr>
<td></td>
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<td></td>
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<td></td>
</tr>
</tbody>
</table>

May 27, 2005

File Number: T-4656
Form: wr-20
Trn Number: 310154

14S.10E.19
T 4656
NEW MEXICO OFFICE OF THE STATE ENGINEER
WELL RECORD

10. ADDITIONAL STATEMENTS OR EXPLANATIONS:

The undersigned hereby certifies that, to the best of his knowledge and
belief, the foregoing is a true and correct record of the above described
hole.

Renee Deniel 5-26-05
(Signature) (mm/dd/year)

FOR STATE ENGINEER USE ONLY

Quad _____; FWL _____; FSL _____; Use _____; Location No. _____

May 27, 2005

File Number: T-4656  Form: wr-20

Page 4 of 4
May 27, 2005

ROY E. MCDANIEL
CRESSY L. DRUMMOND
P. O. BOX 1834
ANGLETON, TX  77516-1834

Greetings:

Enclosed is your copy of the well record for the above numbered permit, which has been accepted for filing.

Sincerely,

Debbie Heredia
(505)524-6161

Enclosure
cc: Santa Fe Office
wellrncv
NEW MEXICO OFFICE OF THE STATE ENGINEER
WELL RECORD and DRILLING LOG

1. PERMIT HOLDER(S)

Name: Robert and Joy Baca
Address: 162 Bookout NE
City: Tularosa
State: NM Zip: 88352
Phone: 575-439-7615
Contact: Joy Baca
Contact Phone:

Name: __________
Address: __________
City: __________
State: __________ Zip: __________

2. STATE ENGINEER REFERENCE NUMBERS:

File #T-5424, Well # POD 1

3. LOCATION OF WELL (The Datum Is Assumed To Be WGS 84 Unless Otherwise Specified)

Latitude: 33Deg 05Min 12.5Sec
Longitude: 105Deg 59Min 48.0Sec
(Enter Lat/Long To At Least 1/10th Of A Second)
Datum If Not WGS 84: ________________________

4. DRILLING CONTRACTOR

License Number: WD-1453
Name: Hydrotech Drilling Work Phone: 505-585-7918

Drill Rig Serial Number: Serial Number 6830 IR T3W

List The Name Of Each Drill Rig Supervisor That Managed On-Site Operations During The Drilling Process: Joseph Skaggs

5. DRILLING RECORD

Drilling Began: 08/11/2007; Completed: 08/12/2008; Drilling Method Rotary Air

Diameter Of Bore Hole: 8.5 (in);
Total Depth Of Well: 380 (ft);
Completed Well Is (Circle One): Shallow / Artesian;
Depth To Water First Encountered: 260 (ft);
Depth To Water Upon Completion Of Well: 260 (ft).

TRN Number: __________ File Number: __________
Form: wr-20 May 07

page 1 of 4

TRN-402775

File No. T-5424
Permit No. T-5424 POD1
### 6. RECORD OF CASING

<table>
<thead>
<tr>
<th>Diameter (inches)</th>
<th>Pounds (per ft.)</th>
<th>Threads (per inch)</th>
<th>Depth (feet)</th>
<th>Length Top to Bottom (feet)</th>
<th>Type of Shoe</th>
<th>Perforations (from to)</th>
</tr>
</thead>
<tbody>
<tr>
<td>5</td>
<td>PVC</td>
<td>PVC</td>
<td>380</td>
<td>378</td>
<td></td>
<td>260-380</td>
</tr>
<tr>
<td>8 5/8</td>
<td>STEEL</td>
<td>WELD</td>
<td>38</td>
<td>40</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### 7. RECORD OF MUDDING AND CEMENTING

<table>
<thead>
<tr>
<th>Depth (feet)</th>
<th>Hole (diameter)</th>
<th>Mud Used (# of sacks)</th>
<th>Cement (cubic feet)</th>
<th>Method of Placement</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
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<td></td>
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<td></td>
</tr>
</tbody>
</table>

Do Not Write Below This Line
NEW MEXICO OFFICE OF THE STATE ENGINEER
WELL RECORD

8. LOG OF HOLE. For Each Water Bearing Strata, Estimate The Yield Of The Formation In Gallons Per Minute.

<table>
<thead>
<tr>
<th>Depth (feet)</th>
<th>Thickness (Feet)</th>
<th>For Water Bearing Strata Enter The Estimated Yield in GPM</th>
<th>Color and Type of Material Encountered</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>80</td>
<td>80</td>
<td>0 ALLUVIAL FILL / LOOSE BOULDERS</td>
</tr>
<tr>
<td>80</td>
<td>260</td>
<td>180</td>
<td>0 RED CLAY AND GRAVEL</td>
</tr>
<tr>
<td>260</td>
<td>270</td>
<td>10</td>
<td>50 LARGE GRAVEL AND SAND</td>
</tr>
<tr>
<td>270</td>
<td>300</td>
<td>30</td>
<td>0 RED CLAY AND GRAVEL</td>
</tr>
<tr>
<td>300</td>
<td>320</td>
<td>20</td>
<td>50 LARGE GRAVEL</td>
</tr>
<tr>
<td>320</td>
<td>380</td>
<td>60</td>
<td>0 RED CLAY AND GRAVEL</td>
</tr>
</tbody>
</table>

Enter Method Used To Estimate Yield: **Air Lift**

Do Not Write Below This Line

File No. T-5424
Permit No. T-5424 POD1
NEW MEXICO OFFICE OF THE STATE ENGINEER
WELL RECORD

9. ADDITIONAL STATEMENTS OR EXPLANATIONS:

Bentonite Annular Seal Set from -2 to -20’ by pour method.

The undersigned hereby certifies that, to the best of his or her knowledge and belief, the foregoing is a true and correct record of the above described bore hole. The undersigned further certifies that he or she will file this well record with the Office Of The State Engineer and permit holder within 20 days after completion of the well drilling.

Driller: ____________  8/27/88 (mm/dd/year)

Do Not Write Below This Line

Trn Number: ____________  Form wr-20 May 07  File Number: ____________

page 4 of 4

TRN-402775  File No. T-5424
Permit No. T-5424 POD1
ROBERT BACA
JOY BACA
162 BOOKOUT NE
TULAROSA, NM 88352

Greetings:

Enclosed is your copy of the well record for the above numbered permit, which has been accepted for filing.

Sincerely,

Linda Filosa
(575) 524-6161

Enclosure
cc: Santa Fe Office

wellrrcv
NEW MEXICO OFFICE OF THE STATE ENGINEER
WELL RECORD

1. OWNER OF WELL
   Name: Steven R. Anderson
   Contact: Ruben Martinez
   Address: 338 Laborcita Canyon
   City: La Luz
   State: NM

   Work Phone: __________
   Home Phone: __________
   Zip: 88337

2. LOCATION OF WELL (A, B, C, or D required, E or F if known)
   A. NE 1/4 NE 1/4 NW 1/4 Section: 29 Township: 13-S Range: 11-E N.M.P.M.
      in Otero County.
   B. X = __________ feet, Y = __________ feet, N.M. Coordinate System
      Zone in the __________
      U.S.G.S. Quad Map __________
   C. Latitude: 33° 09' 28" S Longitude: 105° 53' 29" W
   D. East ________ (m), North ________ (m), UTM Zone 13, NAD __ (27 or 83)
   E. Tract No. _____, Map No. _____ of the __________ Hydrographic Survey
   F. Lot No. _____, Block No. _____ of Unit/Tract __________ of the
      __________ Subdivision recorded in __________ County.
   G. Other: ___________________________________________________________________
   H. Give State Engineer File Number if existing well: _________________________
   I. On land owned by (required): Self

3. DRILLING CONTRACTOR
   License Number: WD-1453
   Name: Hydrotech Drilling
   Agent: Joseph or Kimberly Skaggs
   Mailing Address: 21 Prairie Trail
   City: Tularosa
   State: NM

   Work Phone: (505) 585-7918
   Home Phone: (Same)
   Zip: 88352

4. DRILLING RECORD
   Drilling began: 06-04-07; Completed: 06-05-07; Type tools: Rotary Air;
   Size of hole: 8.5 in.; Total depth of well: 5850.; Completed well is: Shallow (shallow, artesian); Depth
to water upon completion of well: Approx 400 ft.
NEW MEXICO OFFICE OF THE STATE ENGINEER
WELL RECORD

5. PRINCIPAL WATER-BEARING STRATA

<table>
<thead>
<tr>
<th>Depth in Feet From</th>
<th>To</th>
<th>Thickness in feet</th>
<th>Description of water-bearing formation</th>
<th>Estimated Yield (GPM)</th>
</tr>
</thead>
<tbody>
<tr>
<td>280</td>
<td></td>
<td>20</td>
<td>Fractured limestone</td>
<td>1-2</td>
</tr>
<tr>
<td>480</td>
<td>500</td>
<td>20</td>
<td>Fractured sandstone</td>
<td>2-3</td>
</tr>
</tbody>
</table>

6. RECORD OF CASING

<table>
<thead>
<tr>
<th>Diameter (inches)</th>
<th>Pounds per ft.</th>
<th>Threads per in.</th>
<th>Depth in Feet</th>
<th>Length (feet)</th>
<th>Type of Shoe</th>
<th>Perforations</th>
</tr>
</thead>
<tbody>
<tr>
<td>5</td>
<td>PVC</td>
<td>PVC</td>
<td>-2</td>
<td>585</td>
<td>583</td>
<td>400</td>
</tr>
<tr>
<td>8 5/8</td>
<td>Steel</td>
<td>Steel</td>
<td>+2</td>
<td>38</td>
<td>40</td>
<td></td>
</tr>
</tbody>
</table>

7. RECORD OF MUDDING AND CEMENTING

<table>
<thead>
<tr>
<th>Depth in Feet From</th>
<th>To</th>
<th>Hole Diameter</th>
<th>Sacks of mud</th>
<th>Cubic Feet of Cement</th>
<th>Method of Placement</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
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<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

8. PLUGGING RECORD

Plugging Contractor: ___________________________________________
Address: _____________________________________________________
Plugging Method: _____________________________________________
Date Well Plugged: ___________________________________________

Plugging approved by: _________________________________________
State Engineer Representative: _________________________________

No. Depth Top in Feet Bottom Cubic Feet of Cement
1 ____________________________ ____________________________
2 ____________________________ ____________________________
3 ____________________________ ____________________________
4 ____________________________ ____________________________
5 ____________________________ ____________________________

File Number: T-5299
Form: wr-20

T-05299
TRN-382309
## 9. LOG OF HOLE

<table>
<thead>
<tr>
<th>Depth in Feet</th>
<th>Thickness in feet</th>
<th>Color and Type of Material Encountered</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>40</td>
<td>Topsoil, alluvial fill</td>
</tr>
<tr>
<td>40</td>
<td>280</td>
<td>Red sandy clay</td>
</tr>
<tr>
<td>280</td>
<td>300</td>
<td>Fractured limestone</td>
</tr>
<tr>
<td>300</td>
<td>480</td>
<td>Red sandstone</td>
</tr>
<tr>
<td>480</td>
<td>500</td>
<td>Fractured sandstone</td>
</tr>
<tr>
<td>500</td>
<td>585</td>
<td>Red sandstone</td>
</tr>
</tbody>
</table>

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File Number: **T-5299**

Form: wr-20

Tmn Number: 

---

Page 3 of 4
NEW MEXICO OFFICE OF THE STATE ENGINEER
WELL RECORD

10. ADDITIONAL STATEMENTS OR EXPLANATIONS:

Bentonite Plug from -20’ to -2’ set by Pour Method.

The undersigned hereby certifies that, to the best of his knowledge and belief, the foregoing is a true and correct record of the above described hole.

Driller

[Signature]

(mn/dd/year)

FOR STATE ENGINEER USE ONLY

Quad _____; FWL _____; FSL _____; Use _______; Location No. __________
Jul. 18, 2007

Greetings:

Enclosed is your copy of the well record for the above numbered permit, which has been accepted for filing.

Sincerely,

Sarah Rodriguez
(505) 524-6461

Enclosure
cc: Santa Fe Office

wellrrcv
STATE ENGINEER OFFICE  
WELL RECORD

(A) Owner of well: Joel Danley  
Owner's Well No. 
Street or Post Office Address: Box 334  
City and State: La Luz, N.M. 88337

Well was drilled under Permit No.: T-2025  
and is located in the:

a. SE ¼ SW ¼ NE ¼ of Section 21, Township 13S, Range 11E, N.M.P.M.

b. Tract No. of Map No. of the ___________________________.

c. Lot No. of Block No. of the ___________________________.

Subdivision, recorded in ___________________________. County.

d. X= ______ feet, Y= ______ feet, N.M. Coordinate System in the ___________________________. Zone in the Grant.

(B) Drilling Contractor: Braziel Well Drilling Inc., License No. WD-601
Address: P.O. Box 458, La Luz, N.M. 88337

Drilling Began: 12/10/90  
Completed: 12/19/90  
Type tools: Air Rotary  
Size of hole: 6 in.

Elevation of land surface or at well is ______ ft. Total depth of well: ______ ft.

Completed well is ☐ shallow ☐ artesian. Depth to water upon completion of well: ______ ft.

Section 2. PRINCIPAL WATER-BEARING STRATA

<table>
<thead>
<tr>
<th>Depth in Feet</th>
<th>Thickness in Feet</th>
<th>Description of Water-Bearing Formation</th>
<th>Estimated Yield (gallons per minute)</th>
</tr>
</thead>
<tbody>
<tr>
<td>From</td>
<td>To</td>
<td></td>
<td></td>
</tr>
<tr>
<td>280</td>
<td></td>
<td>Between Granite &amp; Shale</td>
<td>20</td>
</tr>
</tbody>
</table>

Section 3. RECORD OF CASING

<table>
<thead>
<tr>
<th>Diameter (inches)</th>
<th>Pounds per foot</th>
<th>Threads per in.</th>
<th>Depth in Feet</th>
<th>Length (feet)</th>
<th>Type of Hole</th>
<th>Perforations</th>
</tr>
</thead>
<tbody>
<tr>
<td>4</td>
<td>PVC</td>
<td>0</td>
<td>0</td>
<td>400</td>
<td>PVC</td>
<td>400</td>
</tr>
<tr>
<td>6</td>
<td>Steel</td>
<td>+1</td>
<td>3</td>
<td>4</td>
<td>Steel</td>
<td></td>
</tr>
</tbody>
</table>

Section 4. RECORD OF MUDDING AND CEMENTING

<table>
<thead>
<tr>
<th>Depth in Feet</th>
<th>Hole Diameter</th>
<th>Sacks of Mud</th>
<th>Cubic Feet of Cement</th>
<th>Method of Placement</th>
</tr>
</thead>
<tbody>
<tr>
<td>From</td>
<td>To</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Section 5. PLUGGING RECORD

Plugging Contractor: 
Address: 
Plugging Method: 
Date Well Plugged: 
Plugging approved by:  
State Engineer Representative:

Date Received: December 26, 1990  
FOR USE OF STATE ENGINEER ONLY

Quad: FWL  
FSL: 
File No: T-2025  
Use: Stock  
Location No. 138, 11E, 21, 234
<table>
<thead>
<tr>
<th>Depth in Feet</th>
<th>Thickness in Feet</th>
<th>Color and Type of Material Encountered</th>
</tr>
</thead>
<tbody>
<tr>
<td>From</td>
<td>To</td>
<td>0</td>
</tr>
<tr>
<td>0</td>
<td>25</td>
<td>Light Brown Clay and gravel</td>
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<tr>
<td>25</td>
<td>50</td>
<td>Lime clay and rock</td>
</tr>
<tr>
<td>50</td>
<td>75</td>
<td>Gray Clay</td>
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<tr>
<td>75</td>
<td>100</td>
<td>Red Clay</td>
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<tr>
<td>100</td>
<td>125</td>
<td>Gray Clay</td>
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<td>125</td>
<td>150</td>
<td>Gray Clay</td>
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<td>350</td>
<td>Gray Clay</td>
</tr>
<tr>
<td>350</td>
<td>375</td>
<td>Gray Clay</td>
</tr>
<tr>
<td>375</td>
<td>400</td>
<td>Gray Clay</td>
</tr>
</tbody>
</table>

Section 7: Remarks and Additional Information

INSTRUCTIONS: This form should be executed in triplicate, profitably typewritten, and requisitioned to the appropriate district office of the State Engineer. All sections except Section 5 shall be answered as completely and accurately as possible when any work is drilled, repaired or depicted. When this form is used as a plugging record, only Section 10 shall be filled in.
January 2, 1991

FILE: T-2025

Joel Danley
Box 134
La Luz, NM 88337

Dear Mr. Danley:

Enclosed is your copy of Well Record under Stock Well Permit No. T-2025, which has been accepted for filing subject to the conditions as noted on your permit.

Your attention is called to the reverse side of your permit to all General Conditions, but special attention is directed to Specific Condition No. 4, which states:

4. Use shall be limited to one household, non-commercial trees, lawn and garden not to exceed one acre and/or stock use.

This is the final filing under Stock Well Permit No. T-2025

Sincerely,

J. B. Nixon
Supervisor, District 4

Encl: Well Record
cc: State Engineer
STATE ENGINEER OFFICE  
WELL RECORD  

Section 1. GENERAL INFORMATION  

(A) Owner of well: WILLIAM D. LAY  
Street or Post Office Address: Box 233  
City and State: Carlsbad, NM 88301  
Owner's Well No.: T-3811  

Well was drilled under Permit No.: T-3811 and is located in the:  

a. NE ¼ NW ¼ SW ¼ ¼ of Section 12, Township 85, Range 12E, N.M.P.R.  
b. Tract No. of Map No. of the  
c. Lot No. of Block No. of the Subdivision, recorded in LINCOLN County.  
d. X=________ feet, Y=________ feet, N.M. Coordinate System Zone in the Grant.  

(B) Drilling Contractor: L & L WELL DRILLING & PUMP CO  
Address: P.O. Box 159, NOGA, NM 88341  
License No.: WD-1305  

Drilling Began 1/10/01 Completed 1/22/01 Type tools: ROTARY  
Size of hole: 6½ in.  
Elevation of land surface or at well is ______ ft. Total depth of well: 150 ft.  
Completed well is ☐ shallow ☐ artesian. Depth to water upon completion of well: 72 ft.  

Section 2. PRINCIPAL WATER-BEARING STRATA  

<table>
<thead>
<tr>
<th>Depth in Feet</th>
<th>Thickness in Feet</th>
<th>Description of Water-Bearing Formation</th>
<th>Estimated Yield (gallons per minute)</th>
</tr>
</thead>
<tbody>
<tr>
<td>From</td>
<td>To</td>
<td>140</td>
<td>150</td>
</tr>
</tbody>
</table>

Section 3. RECORD OF CASING  

<table>
<thead>
<tr>
<th>Diameter (inches)</th>
<th>Pounds per foot</th>
<th>Threads per in.</th>
<th>Depth in Feet</th>
<th>Length (feet)</th>
<th>Type of Shoe</th>
<th>Perforations</th>
</tr>
</thead>
<tbody>
<tr>
<td>4½</td>
<td>50</td>
<td>40 PVC</td>
<td>-1</td>
<td>150</td>
<td>151</td>
<td>130</td>
</tr>
</tbody>
</table>

Section 4. RECORD OF Mudding and Cementing  

<table>
<thead>
<tr>
<th>Depth in Feet</th>
<th>Hole Diameter</th>
<th>Sacks of Mud</th>
<th>Cubic Feet of Cement</th>
<th>Method of Placement</th>
</tr>
</thead>
</table>

Section 5. FLUDDING RECORD  

Plugging Contractor  
Address  
Plugging Method  
Date Well Plugged  
Plugging approved by:  
State Engineer Representative  

February 6, 2001  

FOR USE OF STATE ENGINEER ONLY  

DOMESTIC  

T-3811  

Date Received  
File No.  
Use  
Location No.  

08S.12E.12.312
<table>
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<th>Depth in Feet</th>
<th>Thickness in Feet</th>
<th>Color and Type of Material Encountered</th>
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</thead>
<tbody>
<tr>
<td>0</td>
<td>15</td>
<td>BROWN CLAY &amp; CALICHES</td>
</tr>
<tr>
<td>15</td>
<td>35</td>
<td>GRAVEL</td>
</tr>
<tr>
<td>35</td>
<td>45</td>
<td>TAN CLAY</td>
</tr>
<tr>
<td>45</td>
<td>63</td>
<td>FINE GRAVEL</td>
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<tr>
<td>63</td>
<td>140</td>
<td>RED CLAY</td>
</tr>
<tr>
<td>140</td>
<td>150</td>
<td>SAND &amp; LARGE GRAVEL</td>
</tr>
</tbody>
</table>

Section 7. REMARKS AND ADDITIONAL INFORMATION

The undersigned hereby certifies that, to the best of his knowledge and belief, the foregoing is a true and correct record of the above described hole.

Driller

INSTRUCTIONS: This form should be executed in triplicate, preferably typewritten, and submitted to the appropriate district office of the State Engineer. All sections, except Section 5, shall be answered as completely and accurately as possible when any well is drilled, repaired, or deepened. When this form is used as a plugging record, only Section 1(a) or Section 5 need be completed.
WILLIAM D LAMAY
BOX 233
CARRIZOZO, NM 88301

Greetings:

Enclosed is your copy of the well record for the above numbered permit, which has been accepted for filing.

Sincerely,

Tom Valverde
(505) 524-6161

Enclosure
cc: Santa Fe Office
wellrrcv
NEW MEXICO OFFICE OF THE STATE ENGINEER
 Region "x" STATE ENGINEER'S WELL RECORD "x" WELLS

1. OWNER OF WELL
Name: Richard & Kim Lessentine
Contact: Richard Lessentine
Address: 22 Moon Lane
City: Tularosa
State: NM
Zip: 88352

2. LOCATION OF WELL (A, B, C, or D required; E or F if known)
A. 1/4 1/4 1/4 Section: Township: Range: N.M.P.M.
B. X = 1746599.8 feet, Y = 718282.8 feet, N.M. Coordinate System
Central Zone in the Grant. U.S.G.S. Quad Map
C. Latitude: 32° 58' 459" S Longitude: 105° 54' 225" S
D. East (m), North (m), UTM Zone 13, NAD 1983 (27 or 83)
E. Tract No. , Map No. of the Hydrographic Survey
F. Lot No. , Block No. of Unit/Tract Subdivision recorded in County.
G. Other:
H. Give State Engineer File Number if existing well: T-1296
I. On land owned by (required): Applicants

3. DRILLING CONTRACTOR
License Number: WD-601
Name: Statewide Drilling, Inc.
Agent:
Mailing Address: PO Box 468
City: La Luz
State: NM
Zip: 88337

4. DRILLING RECORD
Drilling began: 07/12/2007 ; Completed: 07/13/2007 ; Type tools: Air Rotary
Size of hole: 8 in.; Total depth of well: 100 ft.;
Completed well is: shallow (shallow, artesian);
Depth to water upon completion of well: 20 ft.
5. PRINCIPAL WATER-BEARING STRATA

<table>
<thead>
<tr>
<th>Depth in Feet</th>
<th>Thickness in feet</th>
<th>Description of water-bearing formation</th>
<th>Estimated Yield (GPM)</th>
</tr>
</thead>
<tbody>
<tr>
<td>From 30</td>
<td>To 35</td>
<td>5</td>
<td>Sand &amp; gravel</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>20+</td>
</tr>
</tbody>
</table>

6. RECORD OF CASING

<table>
<thead>
<tr>
<th>Diameter (inches)</th>
<th>Pounds per ft.</th>
<th>Threads per in.</th>
<th>Depth in Feet Top</th>
<th>Bottom</th>
<th>Length (feet)</th>
<th>Type of Shoe</th>
<th>Perforations From</th>
<th>To</th>
</tr>
</thead>
<tbody>
<tr>
<td>6</td>
<td>Steel</td>
<td></td>
<td>+2</td>
<td>99</td>
<td>101</td>
<td></td>
<td>20</td>
<td>80</td>
</tr>
</tbody>
</table>

7. RECORD OF MUDDING AND CEMENTING

<table>
<thead>
<tr>
<th>Depth in Feet From</th>
<th>To</th>
<th>Diameter of mud in Sacks</th>
<th>Cubic Feet of Cement</th>
<th>Method of Placement</th>
</tr>
</thead>
<tbody>
<tr>
<td>-2</td>
<td>20</td>
<td>12</td>
<td>½ yard</td>
<td>Poured</td>
</tr>
</tbody>
</table>

8. PLUGGING RECORD

Plugging Contractor: 
Address: 
Plugging Method: 
Date Well Plugged: 

Plugging approved by: State Engineer Representative

<table>
<thead>
<tr>
<th>No.</th>
<th>Depth in Feet Top</th>
<th>Cubic Feet of Cement</th>
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<td>1</td>
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<tr>
<td>2</td>
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<tr>
<td>3</td>
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<td></td>
</tr>
<tr>
<td>4</td>
<td></td>
<td></td>
</tr>
<tr>
<td>5</td>
<td></td>
<td></td>
</tr>
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</table>
9. LOG OF HOLE

<table>
<thead>
<tr>
<th>Depth in feet</th>
<th>Thickness in feet</th>
<th>Color and Type of Material Encountered</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>15</td>
<td>Loose boulders in brown sandy clay</td>
</tr>
<tr>
<td>15</td>
<td>40</td>
<td>Sand &amp; gravel</td>
</tr>
<tr>
<td>40</td>
<td>55</td>
<td>Brown clay &amp; gravel</td>
</tr>
<tr>
<td>55</td>
<td>65</td>
<td>Brown shale</td>
</tr>
<tr>
<td>65</td>
<td>75</td>
<td>Brown &amp; red sandstone</td>
</tr>
<tr>
<td>75</td>
<td>100</td>
<td>Layers of gray limestone in gray shale &amp; clay</td>
</tr>
</tbody>
</table>
NEW MEXICO OFFICE OF THE STATE ENGINEER
STATE ENGINEER STATEWELL RECORD
WELL RECORD

10. ADDITIONAL STATEMENTS OR EXPLANATIONS:

The undersigned hereby certifies that, to the best of his knowledge and belief, the foregoing is a true and correct record of the above described hole.

[Signature]
Driller

[Signature]
Mac Lueras

07/16/2007
(mm/dd/year)

FOR STATE ENGINEER USE ONLY

Quad _____; FWL _____; FSL _____; Use _____; Location No. _____

File Number: ____________________________  Trn Number: ____________________________
Form: wr-20  page 4 of 4
Trn Nbr: 381597
File Nbr: T 01296
Well File Nbr: T 01296 POD2

STATE OF NEW MEXICO
OFFICE OF THE STATE ENGINEER

Jul. 25, 2007

RICHARD & KIM LESSENTINE
22 MOON LANE
TULAROSA, NM 88352

Greetings:

Enclosed is your copy of the well record for the above numbered permit, which has been accepted for filing.

Sincerely,

Sarah Rodriguez
(505) 524-6161

Enclosure
cc: Santa Fe Office

wellrrcv
STATE ENGINEER OFFICE
WELL RECORD

Section 1. GENERAL INFORMATION
(A) Owner of well Monty C. or Betty A. Bell Owner's Well No. 
Street or Post Office Address F.O. Box 417 
City and State Tularosa, NM 88352
Well was drilled under Permit No. T-25-A and is located in the:
a. Tract No. 1/4 NE 1/4 NW 1/4 of Section 19 Township 14S Range 10E N.M.P.M.
b. Lot No. Subdivision, recorded in County.
c. Block No. Zone in the

d. X= feet, Y= feet, N.M. Coordinate System Grant.

(B) Drilling Contractor Weehunt Drilling License No. WD-630
Address PO Box 935 Bookout NW, Tularosa, NM 88352
Drilling Began 3-6-94 Completed 3-21-94 Type tools Mud rotary Size of hole 20 in.
Elevation of land surface or at well is ft. Total depth of well 425 ft.
Completed well as shallow artisan.

Depth in Feet Thickness in Feet Description of Water-Bearing Formation Estimated Yield (gallons per minute)
From To in Foot fluid loss gpm unknown

246 260 14 gravel fluid loss gpm unknown
280 310 30 gravel fluid loss gpm unknown
355 362 7 gravel fluid loss gpm unknown
460 420 20 gravel fluid loss gpm unknown

Section 2. PRINCIPAL WATER-BEARING STRATA

Section 3. RECORD OF CASING

Diameter (inches) Rounds per foot Threads per in. Depth in Feet Length (feet) Type of Shoe Perforations
From To Top Bottom

123/4 steel .188 0 425 524 Texas drive

185 206 206 22 227 267
247 268 258 289 289
130 310 247 268

Section 4. RECORD OF MUDGING AND CEMENTING

Depth in Feet Hole Diameter Sacks of Mud Cubic Feet of Cement Method of Placement
From To

Section 5. PLUGGING RECORD

Plugging Contractor Address

Plugging Method

Date Well Plugged

Plugging approved by: State Engineer Representative

FOR USE OF STATE ENGINEER ONLY

Date Received APRIL 18, 1994 Quad FWL FSL
File No. T-25-A Use SUPPLEMENTAL Location No. 14S.10E.19.124
### Section 6. LOG OF HOLE

<table>
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<th>Color and Type of Material Encountered</th>
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<td>Top soil</td>
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<tr>
<td>15</td>
<td>80</td>
<td>gravel mix</td>
</tr>
<tr>
<td>80</td>
<td>100</td>
<td>boulders &amp; gravel mix</td>
</tr>
<tr>
<td>100</td>
<td>105</td>
<td>gravel</td>
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<tr>
<td>105</td>
<td>115</td>
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<td>gravel boulders</td>
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### Section 7. REMARKS AND ADDITIONAL INFORMATION

<table>
<thead>
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<th>Depth in Feet</th>
<th>Thickness in Feet</th>
<th>Color and Type of Material Encountered</th>
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<td>425</td>
<td>gravel</td>
</tr>
<tr>
<td>425</td>
<td>488</td>
<td>clay</td>
</tr>
</tbody>
</table>

The undersigned hereby certifies that, to the best of his knowledge and belief, the foregoing is a true and correct record of the above described hole.

[Signature]

Driller

INSTRUCTIONS: This form should be executed in triplicate, preferably typewritten, and submitted to the appropriate district office of the State Engineer. All sections, except Section 5, shall be answered as completely and accurately as possible when any well is drilled, repaired or deepened. When this form is used as a plugging record, only Section 1 and Section 5 need be completed.
STATE ENGINEER OFFICE
WELL RECORD

Section 1. GENERAL INFORMATION

(A) Owner of well MONTY C. OR BETTY A. BELL
Owner's Well No. [Blank]
Street or Post Office Address PO Box 617
City and State Tularosa, NM 88352

Well was drilled under Permit No. T=25-4 and is located in the:

a. 3 1/4 SE 1/4 NE 1/4 NW 1/4 of Section 19 Township 14B, Range 10R N.M.P.M.

b. Tract No. [Blank] of Map No. [Blank] of the [Blank]

c. Lot No. [Blank] of Block No. [Blank] of the __________ County.

Subdivision, recorded in __________ Zone in the [Blank] Grant.

(B) Drilling Contractor Weehunt Drilling
License No. W0-630
Address PO Box 904, Rockport, NH 88352

Drilling Began 3-6-94. Completed 3-21-94. Type tools Mud Rotary. Size of hole in.

Elevation of land surface or at well is ______ ft. Total depth of well 425 ft.

Completed well is □ shallow □ artesian. Depth to water upon completion of well 246 ft.

Section 2. PRINCIPAL WATER-BEARING STRATA

<table>
<thead>
<tr>
<th>Depth in Feet</th>
<th>Thickness in Feet</th>
<th>Description of Water-Bearing Formation</th>
<th>Estimated Yield (gallons per minute)</th>
</tr>
</thead>
<tbody>
<tr>
<td>246</td>
<td>14</td>
<td>Gravel</td>
<td>75</td>
</tr>
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<td>280</td>
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<td>7</td>
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<td>150</td>
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</table>

Section 3. RECORD OF Casing

<table>
<thead>
<tr>
<th>Diameter (inches)</th>
<th>Pounds per foot</th>
<th>Threads per in.</th>
<th>Depth in Feet</th>
<th>Length (feet)</th>
<th>Type of Shoe</th>
<th>Perforations</th>
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<tbody>
<tr>
<td>123/4</td>
<td>steel</td>
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<td>425</td>
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<td>From</td>
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</table>

gravel pack

Section 4. RECORD OF Mudding and Cementing

<table>
<thead>
<tr>
<th>Depth in Feet</th>
<th>Hole Diameter</th>
<th>Sacks of Mud</th>
<th>Cubic Feet of Cement</th>
<th>Method of Placement</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
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<td></td>
</tr>
</tbody>
</table>

Section 5. PLUGGING RECORD

Plugging Contractor [Blank]
Address [Blank]
Plugging Method [Blank]
Date Well Plugged [Blank]
Plugging approved by: [Blank]

State Engineer Representative [Blank]

FOR USE OF STATE ENGINEER ONLY

Date Received MARCH 30, 1994  Quad FWL FSL

<table>
<thead>
<tr>
<th>Depth in Feet</th>
<th>Thickness in Feet</th>
<th>Color and Type of Material Encountered</th>
</tr>
</thead>
<tbody>
<tr>
<td>From</td>
<td>To</td>
<td></td>
</tr>
<tr>
<td>0</td>
<td>15</td>
<td>Top soil</td>
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<tr>
<td>15</td>
<td>80</td>
<td>Gravel mix</td>
</tr>
<tr>
<td>80</td>
<td>100</td>
<td>Boulders &amp; gravel mix</td>
</tr>
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<td>105</td>
<td>gravel</td>
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<td>105</td>
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<tr>
<td>154</td>
<td>158</td>
<td>gravel &amp; boulders</td>
</tr>
<tr>
<td>158</td>
<td>170</td>
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<tr>
<td>333</td>
<td>341</td>
<td>clay</td>
</tr>
<tr>
<td>341</td>
<td>347</td>
<td>gravel</td>
</tr>
<tr>
<td>347</td>
<td>355</td>
<td>clay</td>
</tr>
<tr>
<td>355</td>
<td>362</td>
<td>gravel</td>
</tr>
<tr>
<td>362</td>
<td>371</td>
<td>clay</td>
</tr>
<tr>
<td>371</td>
<td>377</td>
<td>gravel</td>
</tr>
<tr>
<td>377</td>
<td>400</td>
<td>clay</td>
</tr>
<tr>
<td>400</td>
<td>420</td>
<td>gravel</td>
</tr>
</tbody>
</table>

Section 7 REMARKS AND ADDITIONAL INFORMATION

The undersigned hereby certifies that, to the best of his knowledge and belief, the foregoing is a true and correct record of the above described hole.

[Signature]

Dutler

INSTRUCTIONS: This form should be executed in triplicate, preferably typewritten, and submitted to the appropriate district office of the State Engineer. All sections, except Section 5, shall be answered as completely and accurately as possible when any well is drilled, repaired or deepened. When this form is used as a plugging record, only Section 10 and Section 5 need be completed.
FILE: T-25-A

Monty C. and Betty A. Bell
PO Box 417
Tularosa, NM 88352

Dear Mr. and Mrs. Bell:

Enclosed is your copy of Well Record under Supplemental Permit No. T-25-A, which has been accepted for filing subject to the conditions as noted on your permit.

Your attention is called to the attachment of your permit for Conditions of Approval as stated thereon.

Proof of Completion of Well shall be due as soon as possible after installation of pumping equipment, but no later than February 28, 1995.

Your rights under this permit will expire on February 28, 1995, unless proof is filed or an Application for Extension of Time is received on or before that date.

Sincerely,

[Signature]

J. B. Nixon
Supervisor, District 4

JBN:nsb

Encl: Well Record

cc: State Engineer
FILE: T-25-A

Monty C. and Betty A. Bell
PO Box 417
Tularosa, NM  88352

Dear Mr. and Mrs. Bell:

Enclosed is your copy of Well Record under Supplemental Permit No. T-25-A, which has been accepted for filing subject to the conditions as noted on your permit.

Your attention is called to the attachment of your permit for Conditions of Approval as stated thereon.

Proof of Completion of Well shall be due as soon as possible after installation of pumping equipment, but no later than February 28, 1995.

Your rights under this permit will expire on February 28, 1995, unless proof is filed or an Application for Extension of Time is received on or before that date.

Sincerely,

J. B. Nixon
Supervisor, District 4

JBN:nsb

Encl:  Well Record

cc: State Engineer
STATE ENGINEER OFFICE
WELL RECORD

(A) Owner of well: Can Abercrombie
Owner's Well No.
Street or Post Office Address: Box 306
City and State: Alamogordo, NM 88311

Well was drilled under Permit No. T-03418 and is located in the:

a. ¼ NE ¼ SW ¼ NW ¼ of Section 19 Township 14S Range 10E N.M.P.K.

b. Tract No. of Map No. of the

c. Lot No. of Block No. of the subdivision, recorded in Otero County.

d. X= feet, Y= feet, N.M. Coordinate System Zone in the Grant.

(B) Drilling Contractor: New Mexico Drilling, Inc.
License No. ND-471
Address: P.O. Box 1423 Alamogordo, NM 88311-1423

Drilling Began 2/12/99 Completed 2/15/99 Type tools Size of hole
Elevation of land surface or at well is Total depth of well
Completed well is shallow artesian Depth to water upon completion of well

Section 2. PRINCIPAL WATER-BEARING STRATA

<table>
<thead>
<tr>
<th>Depth in Feet</th>
<th>Thickness in Feet</th>
<th>Description of Water-Bearing Formation</th>
<th>Estimated Yield (gallons per minute)</th>
</tr>
</thead>
<tbody>
<tr>
<td>From</td>
<td>To</td>
<td></td>
<td></td>
</tr>
<tr>
<td>179</td>
<td>186</td>
<td>pea gravel</td>
<td>15</td>
</tr>
<tr>
<td>248</td>
<td>256</td>
<td>large gravel</td>
<td>350</td>
</tr>
</tbody>
</table>

Section 3. RECORD OF CASING

<table>
<thead>
<tr>
<th>Diameter (inches)</th>
<th>Pounds per foot</th>
<th>Threads per in.</th>
<th>Depth in Feet</th>
<th>Length (feet)</th>
<th>Type of Shoe</th>
</tr>
</thead>
<tbody>
<tr>
<td>PVC</td>
<td></td>
<td></td>
<td>Top</td>
<td>Bottom</td>
<td></td>
</tr>
</tbody>
</table>

Section 4. RECORD OF MUDDING AND CEMENTING

<table>
<thead>
<tr>
<th>Depth in Feet</th>
<th>Hole Diameter</th>
<th>Sacks of Mud</th>
<th>Cubic Feet of Cement</th>
<th>Method of Placement</th>
</tr>
</thead>
<tbody>
<tr>
<td>From</td>
<td>To</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Section 5. PLUGGING RECORD

Plugging Contractor
Address
Plugging Method
Date Well Plugged
Plugging approved by
State Engineer Representative

Date Received: May 25, 1999
Quad: FWL FSL
File No. T-03418 Use: Domestic Location M 14S 10E 19.232
<table>
<thead>
<tr>
<th>Depth in Feet</th>
<th>Thickness in Feet</th>
<th>Color and Type of Material Encountered</th>
</tr>
</thead>
<tbody>
<tr>
<td>From to</td>
<td>From to</td>
<td>Clay and gravel</td>
</tr>
<tr>
<td>0 to 179</td>
<td>179 to 186</td>
<td>clay and gravel</td>
</tr>
<tr>
<td>186 to 248</td>
<td>248 to 256</td>
<td>clay and gravel</td>
</tr>
<tr>
<td>256 to 300</td>
<td>300 to 44</td>
<td>clay and gravel</td>
</tr>
</tbody>
</table>

Section 7. REMARKS AND ADDITIONAL INFORMATION

Driller

INSTRUCTIONS. This form should be completed in triplicate, typewritten, and submitted to the appropriate district office of the State Engineer. All sections, except Section 5, shall be answered as completely and accurately as possible when any well is drilled, repaired or deepened. When this form is used as a plugging record, only Section 1(a) and Section 5 need be completed.
DAN C. ABERCROMBIE
BOX 306
ALAMOGORDO, NM  88311

Greetings:

Enclosed is your copy of the well record for the above numbered permit, which has been accepted for filing.

Sincerely,

[Signature]

Tom Valverde
(505)524-6161

Enclosure
cc: Santa Fe Office

wellrrcv
NEW MEXICO OFFICE OF THE STATE ENGINEER
WELL RECORD

1. OWNER OF WELL
   Name: Martha R Hibner
   Contact: ____________________________ Work Phone: ____________________________
   Address: 58 Mountain Meadows Road
   City: Alamogordo State: NM Zip: 88310

2. LOCATION OF WELL (A, B, C, or D required, E or F if known)
   A. SE 1/4 SW 1/4 NW 1/4 Section: 16 Township: 15S Range: 10E N.M.P.M.
      in Otero County.
   B. X = __________ feet, Y = __________ feet, N.M. Coordinate System
      Zone in the Grant.
      U.S.G.S. Quad Map ________________________
   C. Latitude: 33° 00' 342" S Longitude: 105° 59' 062" S
   D. East _______ (m), North _______ (m), UTM Zone 13, NAD _______ (27 or 83)
   E. Tract No. _______, Map No. _______ of the ________________________ Hydrographic Survey
      Subdivision recorded in __________ County.
   F. Lot No. _______, Block No. _______ of Unit/Tract of the ____________
      County.
   G. Other: ____________________________
   H. Give State Engineer File Number if existing well: T-1130
   I. On land owned by (required): Applicant

3. DRILLING CONTRACTOR
   License Number: WD-601
   Name: Statewide Drilling, Inc.
   Agent: ____________________________
   Mailing Address: PO Box 458
   City: La Luz State: NM Zip: 88337

4. DRILLING RECORD
   Drilling began: 07/30/2007 ; Completed: 08/03/2007 ; Type tools: Air Rotary ;
   Size of hole: 12 __ in.; Total depth of well: 320 __ ft.;
   Completed well is: shallow ____________________ (shallow, artesian);
   Depth to water upon completion of well: 177 __ ft.

TRN-296374

File Number: T-1130
Permit No. T-1130 PODI

File Number: ____________ Form: wr-20 page 1 of 4 Trn Number: ____________
5. PRINCIPAL WATER-BEARING STRATA

<table>
<thead>
<tr>
<th>Depth in Feet</th>
<th>Thickness in feet</th>
<th>Description of water-bearing formation</th>
<th>Estimated Yield (GPM)</th>
</tr>
</thead>
<tbody>
<tr>
<td>From 185</td>
<td>To 190</td>
<td>Sand &amp; gravel</td>
<td>20 - 30</td>
</tr>
<tr>
<td>From 245</td>
<td>To 250</td>
<td>Sand &amp; gravel</td>
<td>40 - 50</td>
</tr>
</tbody>
</table>

6. RECORD OF CASING

<table>
<thead>
<tr>
<th>Diameter (inches)</th>
<th>Pounds per ft.</th>
<th>Threads per in.</th>
<th>Depth in Feet Top</th>
<th>Bottom</th>
<th>Length (feet)</th>
<th>Type of Shoe</th>
<th>Perforations From</th>
<th>To</th>
</tr>
</thead>
<tbody>
<tr>
<td>8 Steel</td>
<td></td>
<td></td>
<td>+2 318</td>
<td>320</td>
<td></td>
<td></td>
<td>180</td>
<td>320</td>
</tr>
</tbody>
</table>

7. RECORD OF MUDDLING AND CEMENTING

<table>
<thead>
<tr>
<th>Depth in Feet</th>
<th>Hole Diameter</th>
<th>Sacks of mud</th>
<th>Cubic Feet of Cement</th>
<th>Method of Placement</th>
</tr>
</thead>
<tbody>
<tr>
<td>From 0</td>
<td>To 30</td>
<td>16</td>
<td>1 yard</td>
<td>Poured</td>
</tr>
</tbody>
</table>

8. PLUGGING RECORD

Plugging Contractor: ____________________________
Address: ____________________________
Plugging Method: ____________________________
Date Well Plugged: ____________________________

Plugging approved by: ____________________________ State Engineer Representative

<table>
<thead>
<tr>
<th>No.</th>
<th>Depth in Feet</th>
<th>Cubic Feet of Cement</th>
</tr>
</thead>
<tbody>
<tr>
<td>Top</td>
<td>Bottom</td>
<td></td>
</tr>
<tr>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4</td>
<td></td>
<td></td>
</tr>
<tr>
<td>5</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
## NEW MEXICO OFFICE OF THE STATE ENGINEER
### WELL RECORD

### 9. LOG OF HOLE

<table>
<thead>
<tr>
<th>Depth in feet From</th>
<th>Thickness in feet</th>
<th>Color and Type of Material Encountered</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>55</td>
<td>Red clay w/ gravel</td>
</tr>
<tr>
<td>55</td>
<td>85</td>
<td>Red clay</td>
</tr>
<tr>
<td>85</td>
<td>105</td>
<td>Layers of sand &amp; gravel in red clay</td>
</tr>
<tr>
<td>105</td>
<td>180</td>
<td>Red clay &amp; gravel</td>
</tr>
<tr>
<td>180</td>
<td>195</td>
<td>Layers of sand &amp; gravel</td>
</tr>
<tr>
<td>195</td>
<td>235</td>
<td>Brown clay</td>
</tr>
<tr>
<td>235</td>
<td>245</td>
<td>White caliche</td>
</tr>
<tr>
<td>245</td>
<td>255</td>
<td>Layers of gravel</td>
</tr>
<tr>
<td>255</td>
<td>330</td>
<td>Red clay</td>
</tr>
</tbody>
</table>

---

TRN-296374

File No. T-1130

File Number: 

Form: wr-20
NEW MEXICO OFFICE OF THE STATE ENGINEER
WELL RECORD

10. ADDITIONAL STATEMENTS OR EXPLANATIONS:
6 yards of 3/8" gravel for gravel pack.

The undersigned hereby certifies that, to the best of his knowledge and belief, the foregoing is a true and correct record of the above described hole.

Mac Lueras
Driller
09/06/2007
(mm/dd/year)

Mac Lueras

FOR STATE ENGINEER USE ONLY

Quad ______; FWL ______; FSL ______; Use ______; Location No. ______

File Number: T-1130
Form: wr-20
Trn Number: ______
page 4 of 4
Trn Nbr: 296374
File Nbr: T 01130
Well File Nbr: T 01130 S

STATE OF NEW MEXICO
OFFICE OF THE STATE ENGINEER

Aug. 31, 2007

MARTHA R HIBNER
THOMAS F HIBNER
58 MOUNTAIN MEADOW ROAD
ALAMOGORDO, NM 88310

Greetings:

Enclosed is your copy of the well record for the above numbered permit, which has been accepted for filing.

Sincerely,

[Signature]
Linda Filosa
(505) 524-6161

Enclosure
cc: Santa Fe Office
wellrrcv
STATE ENGINEER OFFICE
WELL RECORD

Section 1. GENERAL INFORMATION

(A) Owner of well: Oswald K. Reynolds
Owner's Well No.: 1
Street or Post Office Address: Route 1, Box 2494
City and State: Alamogordo, New Mexico 88310

Well was drilled under Permit No.: T-649 and is located in the

a. 1/4 1/4 1/4 35 1/4 of Section 16 Township 15 S Range 10 E N.M.P.M.

b. Tract No.: __________ of Map No.: __________ of the __________ Subdivision, recorded in the __________ County

c. Lot No.: __________ of Block No.: __________ of the __________ Subdivision, recorded in the __________ County

d. X: __________ feet, Y: __________ feet, N.M. Coordinate System __________ Zone or __________ Grant.

(B) Drilling Contractor: New Mexico Drilling, Inc.
License No.: WD-471
Address: P. O. Box 1423 Alamogordo, New Mexico 88310

Drilling Began: 12/13/84 Completed: 12/15/84 Type of tool: Rotary Size of hole: __________ in.

Elevation of land surface or __________ at well is __________ ft. Total depth of well: __________ ft.

Completed well is □ shallow □ artesian. Depth to water upon completion of well: __________ ft.

Section 2. PRINCIPAL WATER-BEARING STRATA

<table>
<thead>
<tr>
<th>Depth in Feet</th>
<th>Thickness in Feet</th>
<th>Description of Water-Bearing Formation</th>
<th>Estimated Yield (gallons per minute)</th>
</tr>
</thead>
<tbody>
<tr>
<td>From</td>
<td>To</td>
<td>From</td>
<td>To</td>
</tr>
<tr>
<td>0</td>
<td>270</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Section 3. RECORD OF CASING

<table>
<thead>
<tr>
<th>Diameter (inches)</th>
<th>Pounds per foot</th>
<th>Threads per in.</th>
<th>Depth in Feet</th>
<th>Length (feet)</th>
<th>Type of Shoe</th>
<th>Perforations</th>
</tr>
</thead>
<tbody>
<tr>
<td>5 1/2 ID PVC</td>
<td></td>
<td></td>
<td>Top</td>
<td>Bottom</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Replaced 5 1/2 ID PVC Pipe</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Section 4. RECORD OF MUDDING AND CEMENTING

<table>
<thead>
<tr>
<th>Depth in Feet</th>
<th>Hole Diameter</th>
<th>Sacks of Mud</th>
<th>Cubic Feet of Cement</th>
<th>Method of Placement</th>
</tr>
</thead>
<tbody>
<tr>
<td>From</td>
<td>To</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Section 5. PLUGGING RECORD

Plugging Contractor: __________________________
Address: __________________________

Date Well Plugged: __________________________
Plugging approved by: __________________________

State Engineer Representative: __________________________

FOR USE OF STATE ENGINEER ONLY

Date Received: April 23, 1985
Quad: ___________ FWL: ___________ FSL: ___________
<table>
<thead>
<tr>
<th>Depth in Feet</th>
<th>Thickness in Feet</th>
<th>Color and Type of Material Encountered</th>
</tr>
</thead>
<tbody>
<tr>
<td>From</td>
<td>To</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Section 7. REMARKS AND ADDITIONAL INFORMATION

The undersigned hereby certifies that, to the best of his knowledge and belief, the foregoing is a true and correct record of the above described hole.

M. S. McClendon
Drafter

INSTRUCTIONS This form should be executed in triplicate, preferably typewritten, and submitted to the appropriate district office of the State Engineer. All sections, except Section 5, shall be answered as completely and accurately as possible when any well is drilled, repaired, or deepened. When this form is used as a plugging record, only Section 1(a) and Section 5 need be completed.
FILE: T-649

Mr. Oswald K. Reynolds  
Route 1, Box 2494  
Alamogordo, NM 88310

Dear Mr. Reynolds:

Enclosed is your copy of the Well Record for Permit to Repair your Domestic Well No. T-649, which has been accepted for filing subject to the conditions as noted thereon.

Your attention is called to the reverse side of your Permit to all General Conditions and to Specific Condition No. 4, which states as follows:

4. Use shall be limited to one household, non-commercial trees, lawn and garden not to exceed one acre and/or stock use.

This is the final filing under Domestic Well Permit No. T-649.

Sincerely,

[Signature]

J.B. Nixon  
Engineer, District III

JBN: cj  
Encl: Well Record  
cc: State Engineer
NEW MEXICO OFFICE OF THE STATE ENGINEER
WELL RECORD

1. OWNER OF WELL
   Name: Roger & Mary Parker
   Contact: 
   Address: PO Box 82
   City: Alto
   State: NM Zip: 88312
   Work Phone: 505-336-4156
   Home Phone: 505-336-4156

2. LOCATION OF WELL (A, B, C, or D required, E or F known)
   A. SW 1/4 SE 1/4 SE 1/4 Section: 18 Township: 9S
      Range: 13E N.M.P.M.
      County: Otero
   B. X = __________ feet, Y = __________ feet, N.M. Coordinate System
      Zone in the __________ Zone Grant.
      U.S.G.S. Quad Map __________
   C. Latitude: _____ d _____ m _____ s Longitude: _____ d _____ m _____ n
   D. East ________ (m), North ________ (m), UTM Zone 13, NAD __ (27 or 83)
   E. Tract No. ____, Map No. ____ of the __________ Hydrographic Survey
   F. Lot No. ____, Block No. ____ of Unit/Tract __________________
      Subdivision recorded in __________ County
   G. Other: __________
   H. Give State Engineer File Number if existing well:
   I. On land owned by (required): Roger & Mary Parker

3. DRILLING CONTRACTOR
   License Number: WD 1335
   Name: Weehunt Well Tech
   Agent: Darren Weehunt
   Mailing Address: PO 1018
   City: La Luz
   State: NM Zip: 88337
   Work Phone: 505-585-0834
   Home Phone: 505-585-0834

4. DRILLING RECORD
   Drilling began: 9/9/02; Completed: 9/10/02; Type tools: Rotary
   Completed well is: Shallow (shallow, artesian);
   Depth to water upon completion of well: 129 ft.

SEPTEMBER 19, 2002

DOMESTIC  Trn Number: 2338483
Form: wr-20  TRN238483
File Number: T 04147  09S.13E.18.443
page 1 of 4
NEW MEXICO OFFICE OF THE STATE ENGINEER
WELL RECORD

5. PRINCIPAL WATER-BEARING STRATA

<table>
<thead>
<tr>
<th>Depth in Feet From</th>
<th>Thickness in Feet</th>
<th>Description of water-bearing formation</th>
<th>Estimated Yield (GPM)</th>
</tr>
</thead>
<tbody>
<tr>
<td>90</td>
<td>98</td>
<td>Broken sandstone</td>
<td>1/2 gpm</td>
</tr>
<tr>
<td>225</td>
<td>230</td>
<td>Broken grey sandstone</td>
<td>30</td>
</tr>
<tr>
<td>240</td>
<td>245</td>
<td>Broken grey sandstone</td>
<td>35</td>
</tr>
</tbody>
</table>

6. RECORD OF CASING

<table>
<thead>
<tr>
<th>Diameter (inches)</th>
<th>Pounds per ft.</th>
<th>Threads per in.</th>
<th>Depth in Feet Top</th>
<th>Bottom</th>
<th>Type of Shoe</th>
<th>Perforations</th>
<th>From</th>
<th>To</th>
</tr>
</thead>
<tbody>
<tr>
<td>5&quot; pvc sch.40 casing</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

7. RECORD OF MIDDING AND CEMENTING

<table>
<thead>
<tr>
<th>Depth in Feet From</th>
<th>Hole Diameter</th>
<th>Sacks of mud</th>
<th>Cubic Feet of Cement</th>
<th>Method of Placement</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

8. PLUGGING RECORD

Plugging Contractor: ____________________________________________________________

Address: ________________________________________________________________

Plugging Method: ____________________________________________________________

Date Well Plugged: _________________________________________________________

Plugging approved by: _____________________________________________________

State Engineer Representative

<table>
<thead>
<tr>
<th>No.</th>
<th>Depth in Feet</th>
<th>Cubic Feet of Cement</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Top</td>
<td>Bottom</td>
</tr>
<tr>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4</td>
<td></td>
<td></td>
</tr>
<tr>
<td>5</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

SEPTEMBER 19, 2002

T-04147  DOMESTIC  09S.13E.18,443

File Number: T-04147  Trn Number: 238483

Form: wr-20

Page 2 of 4
# Log of Hole

<table>
<thead>
<tr>
<th>Depth in Feet From</th>
<th>Thickness in Feet To</th>
<th>Color and Type of Material Encountered</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>20</td>
<td>Loose rocks &amp; broken clay</td>
</tr>
<tr>
<td>20</td>
<td>55</td>
<td>Tan limestone</td>
</tr>
<tr>
<td>55</td>
<td>90</td>
<td>Blue sandstone</td>
</tr>
<tr>
<td>90</td>
<td>98</td>
<td>Broken sandstone</td>
</tr>
<tr>
<td>98</td>
<td>225</td>
<td>Grey sandstone</td>
</tr>
<tr>
<td>225</td>
<td>230</td>
<td>Broken grey sandstone</td>
</tr>
<tr>
<td>230</td>
<td>240</td>
<td>Grey sandstone</td>
</tr>
<tr>
<td>240</td>
<td>245</td>
<td>Broken grey sandstone</td>
</tr>
<tr>
<td>245</td>
<td>280</td>
<td>Grey and tan sandstone</td>
</tr>
</tbody>
</table>

---

**September 19, 2002**

**T-04147**

**Domestic**

09S.13E.18.443

**TRN238483**

**File Number:** T 04147

**Trn Number:** 238483

**Form:** wr-20

**Page:** 3 of 4
NEW MEXICO OFFICE OF THE STATE ENGINEER
WELL RECORD

19. ADDITIONAL STATEMENTS OR EXPLANATIONS:

________________________________________________________________________
________________________________________________________________________
________________________________________________________________________
________________________________________________________________________
________________________________________________________________________
________________________________________________________________________
________________________________________________________________________

The undersigned hereby certifies that, to the best of his knowledge and belief, the foregoing is a true and correct record of the above described hole.

Driller: ____________________________ Date: 9/11/02

FOR STATE ENGINEER USE ONLY

Quad: ______; FWL: ______; FIL: ______; Use: _______; Location No.: _______

SEPTEMBER 19, 2002
T-04147 DOMESTIC 09S.13E.18.443
TRN238483

File Number: T-04147
Trn Number: 238483

Frac: ur-20.

page 4 of 4
Greetings:

Enclosed is your copy of the well record for the above numbered permit, which has been accepted for filing.

Sincerely,

[Signature]

Elizabeth Hays
(505) 524-6161

Enclosure
cc: Santa Fe Office

wellrrcv
**WELL RECORD & LOG**

*OFFICE OF THE STATE ENGINEER*

**POD NUMBER (WELL NUMBER):** T-211

**WELL OWNER NAME(S):** Tim McGinn - Pistachio Tree Ranch

**WELL OWNER MAILING ADDRESS:** 7320 US Hwy 70N

**CITY:** Alamogordo

**STATE:** NM

**ZIP:** 88310

---

### WELL LOCATION

<table>
<thead>
<tr>
<th>DEGREES</th>
<th>MINUTES</th>
<th>SECONDS</th>
</tr>
</thead>
<tbody>
<tr>
<td>LATITUDE</td>
<td>32</td>
<td>59</td>
</tr>
</tbody>
</table>

**ACCURACY REQUIRED:** ONE TENTH OF A SECOND

**DATUM REQUIRED:** WGS 84

---

### DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS

100 yards north of old well

---

### LICENSE NUMBER

**NAME OF LICENSED DRILLER:** Macario Lueras

**NAME OF WELL DRILLING COMPANY:** Statewide Drilling, Inc.

---

### DRILLING STARTED

**DATE:** 03/03/2009

---

### DEPTH OF COMPLETED WELL (FT)

**DATE:** 03/13/2009

---

### BORE HOLE DEPTH (FT)

**DEPTH:** 345

---

### WATER BORE DEPTH (FT)

**DEPTH:** 400

---

### DEPTH WATER FIRST ENCOUNTERED (FT)

**DEPTH:** 195

---

### STATIC WATER LEVEL IN COMPLETED WELL (FT)

**LEVEL:** 185

---

### DRILLING FLUID

**TYPE:** ✔ AIR

---

### DRILLING METHOD

**TYPE:** ✔ ROTARY

---

### DEPTH (FT)

<table>
<thead>
<tr>
<th>FROM</th>
<th>TO</th>
<th>NUMBER</th>
</tr>
</thead>
<tbody>
<tr>
<td>+2</td>
<td>345</td>
<td>14</td>
</tr>
<tr>
<td>195</td>
<td>345</td>
<td>14</td>
</tr>
</tbody>
</table>

---

### BORE HOLE DIA. (IN)

**DIA.:** 14

---

### CASING MATERIAL

**MATERIAL:** Steel

---

### CONNECTION TYPE (CASING)

**TYPE:** Weld

---

### CASING WALL THICKNESS (IN)

**THICKNESS:** 8 5/8 in.

---

### SLOT SIZE (IN)

**SIZE:** .250

---

### DEPTH (FT)

<table>
<thead>
<tr>
<th>FROM</th>
<th>TO</th>
<th>THICKNESS (FT)</th>
</tr>
</thead>
<tbody>
<tr>
<td>195</td>
<td>200</td>
<td>5</td>
</tr>
<tr>
<td>230</td>
<td>240</td>
<td>10</td>
</tr>
<tr>
<td>270</td>
<td>275</td>
<td>5</td>
</tr>
</tbody>
</table>

---

### FORMATION DESCRIPTION OF PRINCIPAL WATER-BEARING STRATA

<table>
<thead>
<tr>
<th>FROM</th>
<th>TO</th>
<th>THICKNESS (FT)</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>195</td>
<td>200</td>
<td>5</td>
<td>Red sand</td>
</tr>
<tr>
<td>230</td>
<td>240</td>
<td>10</td>
<td>Sand &amp; gravel</td>
</tr>
<tr>
<td>270</td>
<td>275</td>
<td>5</td>
<td>Sand &amp; gravel</td>
</tr>
</tbody>
</table>

---

### METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA

**YIELD (GPM):**

**Air Lift:** 200

---

**FOR OSE INTERNAL USE**

**FILE NUMBER:** T-00211

**POD NUMBER:** TRN-408412

---

**WELL RECORD & LOG (Version 6/08)**

**LOCATION:**

---

**TOTAL ESTIMATED WELL YIELD (GPM):** 200
### 5. Seal and Gravel Pack

<table>
<thead>
<tr>
<th>Depth (FT)</th>
<th>Thickness (FT)</th>
<th>Color and Type of Material Encountered (Include Water-Bearing Cavities or Fracture Zones)</th>
<th>Water Bearing?</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 - 50</td>
<td>14</td>
<td>Concrete grout</td>
<td>Poured</td>
</tr>
<tr>
<td>50 - 345</td>
<td>14</td>
<td>1/2&quot; Natural gravel</td>
<td>Poured</td>
</tr>
<tr>
<td>190 - 200</td>
<td>10</td>
<td>Red sand</td>
<td>Yes</td>
</tr>
<tr>
<td>200 - 230</td>
<td>30</td>
<td>Red clay</td>
<td>Yes</td>
</tr>
<tr>
<td>230 - 240</td>
<td>10</td>
<td>Layers of sand &amp; gravel</td>
<td>Yes</td>
</tr>
<tr>
<td>240 - 270</td>
<td>30</td>
<td>Hard red clay &amp; gravel</td>
<td>Yes</td>
</tr>
<tr>
<td>270 - 280</td>
<td>10</td>
<td>Layers of sand &amp; gravel</td>
<td>Yes</td>
</tr>
<tr>
<td>280 - 310</td>
<td>30</td>
<td>Red clay</td>
<td>Yes</td>
</tr>
<tr>
<td>310 - 320</td>
<td>10</td>
<td>Red sand</td>
<td>Yes</td>
</tr>
<tr>
<td>320 - 400</td>
<td>80</td>
<td>Red clay</td>
<td>Yes</td>
</tr>
</tbody>
</table>

---

### 6. Geologic Log of Well

**WELL TEST**

- Method: Bailer, Pump, Air Lift, Other - Specify:

**Test Results** - Attach a copy of data collected during well testing, including start time, end time, and a table showing discharge and drawdown over the testing period.

**Additional Statements or Explanations:**

---

**8. Signature**

The undersigned hereby certifies that, to the best of his or her knowledge and belief, the foregoing is a true and correct record of the above described hole and that he or she will file this well record with the state engineer and the permit holder within 20 days after completion of well drilling:

[Signature of Driller]

03/13/2009

---

FOR OSE INTERNAL USE

WELL RECORD & LOG (Version 6/9/08)

FILE NUMBER

POD NUMBER

TRN NUMBER

LOCATION

PAGE 2 OF 2
PISTACHIO TREE RANCH
7320 US HWY 70 NORTH
ALAMOGORDO, NM 88310

Greetings:

Enclosed is your copy of the well record for the above numbered permit, which has been accepted for filing.

If the pump equipment has been installed on the well, please fill out the attached Proof of Completion of Well form and return it to our office.

Sincerely,

Sarah Rodriguez
(575)524-6261

Enclosure

wellrcv
STATE ENGINEER OFFICE
WELL RECORD

Section 1. GENERAL INFORMATION

(A) Owner of well: Three Rivers Cattle Company
   Street or Post Office Address: 116 West First St.
   City and State: Roswell NM 88203

Well was drilled under Permit No. T-442-S-15 and is located in the:

a. ¼ ¼ ¼ ¼ of Section 34 Township 11S Range 9E N.M.F.M.

b. Tract No. of Map No. of the

   Subdivision, recorded in Otero County.

c. Lot No. of Block No. of the

   Interval, recorded in Otero County.

d. X = feet, Y = feet, N.M. Coordinate System Zone in
   the Grant.

(B) Drilling Contractor: United Drilling, Inc.
License No. WBD1192

Address: P.O. Box 2498, Roswell NM 88201

Drilling Began 05-16-02 Completed 05-28-02 Type tools Rotary Size of hole 20 in.

Elevation of land surface or at well is ft. Total depth of well 518 ft.

Completed well is ☐ shallow ☐ artesian. Depth to water upon completion of well 260 ft.

Section 2. PRINCIPAL WATER-BEARING STRATA

<table>
<thead>
<tr>
<th>Depth in Feet</th>
<th>Thickness in Feet</th>
<th>Description of Water-Bearing Formation</th>
<th>Estimated Yield (gallons per minute)</th>
</tr>
</thead>
<tbody>
<tr>
<td>From</td>
<td>To</td>
<td></td>
<td></td>
</tr>
<tr>
<td>518'</td>
<td>Pleistocene</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Section 3. RECORD OF CASING

<table>
<thead>
<tr>
<th>Diameter (inches)</th>
<th>Pounds per foot</th>
<th>Threads per in.</th>
<th>Depth in Feet</th>
<th>Length (feet)</th>
<th>Type of Shoe</th>
<th>Perforations</th>
</tr>
</thead>
<tbody>
<tr>
<td>16&quot;</td>
<td></td>
<td></td>
<td>0</td>
<td>518</td>
<td></td>
<td></td>
</tr>
<tr>
<td>14 5/8&quot;</td>
<td>125</td>
<td>14</td>
<td>0</td>
<td>340</td>
<td></td>
<td></td>
</tr>
<tr>
<td>12 5/8&quot;</td>
<td>75</td>
<td>14</td>
<td>340</td>
<td>518</td>
<td>1784</td>
<td></td>
</tr>
<tr>
<td>12 5/8&quot;</td>
<td>75</td>
<td>14</td>
<td>340</td>
<td>518</td>
<td></td>
<td></td>
</tr>
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</table>

Section 4. RECORD OF MUDDING AND CEMENTING

<table>
<thead>
<tr>
<th>Depth in Feet</th>
<th>Hole Diameter</th>
<th>Sacks of Mud</th>
<th>Cubic Feet of Cement</th>
<th>Method of Placement</th>
</tr>
</thead>
<tbody>
<tr>
<td>From</td>
<td>To</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>0</td>
<td>525</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

| 20" |

Section 5. PLUGGING RECORD

<table>
<thead>
<tr>
<th>No.</th>
<th>Depth in Feet</th>
<th>Cubic Feet of Cement</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Plugging Contractor:
Address:
Plugging Method:
Date Well Plugged:

Plugging approved by:

State Engineer Representative:

Date: March 8, 2004

FOR USE OF STATE ENGINEER ONLY
Irrigation Quad: T-442-S-15
File No. Use Location No.
<table>
<thead>
<tr>
<th>From</th>
<th>To</th>
<th>Thickness in Feet</th>
<th>Color and Type of Material Encountered</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>30</td>
<td>10</td>
<td>100% conglomerate/granite wash</td>
</tr>
<tr>
<td>10</td>
<td>20</td>
<td>10</td>
<td>100% conglomerate/granite wash</td>
</tr>
<tr>
<td>20</td>
<td>30</td>
<td>10</td>
<td>20% sandstone, 80% conglomerate/granite wash</td>
</tr>
<tr>
<td>30</td>
<td>40</td>
<td>10</td>
<td>100% conglomerate/granite wash</td>
</tr>
<tr>
<td>40</td>
<td>50</td>
<td>10</td>
<td>90% conglomerate/granite wash/10% chert (w-cl)</td>
</tr>
<tr>
<td>50</td>
<td>60</td>
<td>10</td>
<td>90% conglomerate/granite wash/10% chert</td>
</tr>
<tr>
<td>60</td>
<td>70</td>
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<td>80% conglomerate/granite wash/20% chert</td>
</tr>
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<td>70</td>
<td>80</td>
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<td>80</td>
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<td>30</td>
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<td>180</td>
<td>190</td>
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<tr>
<td>190</td>
<td>200</td>
<td>10</td>
<td>10% shale/80% conglomerate/granite wash/10% chert</td>
</tr>
<tr>
<td>200</td>
<td>210</td>
<td>10</td>
<td>20% shale/80% conglomerate/granite wash/trace chert</td>
</tr>
<tr>
<td>210</td>
<td>230</td>
<td>20</td>
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<td>20</td>
<td>10% shale/80% conglomerate/granite wash/10% chert</td>
</tr>
<tr>
<td>250</td>
<td>260</td>
<td>10</td>
<td>trace sandstone/20% shale/60% conglomerate/granite wash/10% chert</td>
</tr>
<tr>
<td>260</td>
<td>270</td>
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<td>trace sandstone/30% shale/60% conglomerate/granite wash/10% chert</td>
</tr>
<tr>
<td>270</td>
<td>280</td>
<td>10</td>
<td>trace sandstone/30% shale/50% conglomerate/granite wash/20% chert</td>
</tr>
<tr>
<td>280</td>
<td>290</td>
<td>10</td>
<td>trace sandstone/30% shale/60% conglomerate/granite wash/10% chert</td>
</tr>
<tr>
<td>290</td>
<td>300</td>
<td>10</td>
<td>10% sandstone/20% shale/60% conglomerate/granite wash/10% chert</td>
</tr>
<tr>
<td>300</td>
<td>310</td>
<td>10</td>
<td>20% sandstone/20% shale/50% conglomerate/granite wash/10% chert</td>
</tr>
<tr>
<td>310</td>
<td>320</td>
<td>10</td>
<td>20% sandstone/10% shale/50% conglomerate/granite wash/20% chert</td>
</tr>
</tbody>
</table>

Section 7. REMARKS AND ADDITIONAL INFORMATION

The undersigned hereby certifies that, to the best of his knowledge and belief, the foregoing is a true and correct record of the above described hole.

[Signature]

Driller

INSTRUCTIONS: This form should be executed in triplicate, preferably typewritten, and submitted to the appropriate district office of the State Engineer. All sections, except Section 5, shall be answered as completely and accurately as possible when any well is drilled, repaired or deepened. When this form is used as a plugging record, only Section 1(a) and Section 5 need be completed.
<table>
<thead>
<tr>
<th>Depth in Feet</th>
<th>Thickness in Feet</th>
<th>Color and Type of Material Encountered</th>
</tr>
</thead>
<tbody>
<tr>
<td>320</td>
<td>330</td>
<td>30% sandstone/10% shale/50% conglomerate/granite wash/10% chert</td>
</tr>
<tr>
<td>330</td>
<td>340</td>
<td>10% sandstone/20% shale/50% conglomerate/granite wash/20% chert</td>
</tr>
<tr>
<td>340</td>
<td>350</td>
<td>10% sandstone/20% shale/50% conglomerate/granite wash/20% chert</td>
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<td>350</td>
<td>360</td>
<td>20% sandstone/20% shale/50% conglomerate/granite wash/10% chert</td>
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<tr>
<td>360</td>
<td>370</td>
<td>30% sandstone/10% shale/50% conglomerate/granite wash/10% chert</td>
</tr>
<tr>
<td>370</td>
<td>380</td>
<td>20% sandstone/10% shale/50% conglomerate/granite wash/20% chert</td>
</tr>
<tr>
<td>380</td>
<td>390</td>
<td>20% sandstone/10% shale/50% conglomerate/granite wash/20% chert</td>
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<tr>
<td>390</td>
<td>400</td>
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<td>400</td>
<td>410</td>
<td>30% sandstone/10% shale/40% conglomerate/granite wash/20% chert</td>
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<td>410</td>
<td>450</td>
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<tr>
<td>450</td>
<td>470</td>
<td>10% sandstone/30% shale/40% conglomerate/granite wash/20% chert</td>
</tr>
<tr>
<td>470</td>
<td>480</td>
<td>30% sandstone/10% shale/40% conglomerate/granite wash/20% chert</td>
</tr>
<tr>
<td>480</td>
<td>490</td>
<td>30% sandstone/20% shale/40% conglomerate/granite wash/10% chert</td>
</tr>
<tr>
<td>490</td>
<td>500</td>
<td>30% sandstone/20% shale/40% conglomerate/granite wash/10% chert</td>
</tr>
<tr>
<td>500</td>
<td>510</td>
<td>20% sandstone/20% shale/40% conglomerate/granite wash/20% chert</td>
</tr>
<tr>
<td>510</td>
<td>515</td>
<td>10% sandstone/30% shale/40% conglomerate/granite wash/20% chert</td>
</tr>
<tr>
<td>515</td>
<td>525</td>
<td>trace sandstone/30% shale/50% conglomerate/granite wash/20% chert</td>
</tr>
</tbody>
</table>

Section 7. REMARKS AND ADDITIONAL INFORMATION

The undersigned hereby certifies that, to the best of his knowledge and belief, the foregoing is a true and correct record of the above described hole.

March 8, 2004
T-442-S-15
118.095:34
Irrigation

INSTRUCTIONS: This form should be executed in triplicate, preferably typewritten, and submitted to the appropriate district office of the State Engineer. All sections, except Section 5, shall be answered as completely and accurately as possible when any well is drilled, repaired or deepened. When this form is used as a plugging record, only Section 1(a) and Section 5 need be completed.
STATE OF NEW MEXICO
OFFICE OF THE STATE ENGINEER

Mar. 08, 2004

COLIN MCMILLAN
THREE RIVERS CATTLE LTD. CO.
118 WEST FIRST STREET
ROSWELL, NM  88201

Greetings:

Enclosed is your copy of the well record for the above numbered permit, which has been accepted for filing.

Sincerely,

[Signature]

Elizabeth Hays
(505)524-6161

Enclosure
cc:  Santa Fe Office

wellrrcv
**WELL RECORD & LOG**  
OFFICE OF THE STATE ENGINEER  
www.oce.state.nm.us  

**POD NUMBER (WELL NUMBER):** T-00442-S-4  
**WELL OWNER NAME(S):** Three Rivers Cattle Co  
**WELL OWNER MAILING ADDRESS:** 118 West First Street, Roswell  

1. **GENERAL AND WELL LOCATION**  

<table>
<thead>
<tr>
<th>LOCATION</th>
<th>DEGREES</th>
<th>MINUTES</th>
<th>SECONDS</th>
<th>TOWNSHIP</th>
<th>RANGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>LATITUDE</td>
<td>33</td>
<td>19</td>
<td>0.05 N</td>
<td>N</td>
<td></td>
</tr>
<tr>
<td>LONGITUDE</td>
<td>106</td>
<td>4</td>
<td>0.21 W</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

* ACCURACY REQUIRED: ONE TENTH OF A SECOND  
* DATUM REQUIRED: WGS 84  

2. **OPTIONAL**  

<table>
<thead>
<tr>
<th>SUBDIVISION NAME</th>
<th>LOT NUMBER</th>
<th>BLOCK NUMBER</th>
<th>TOWN/TRACT</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

3. **LICENSE NUMBER:** WD-061  
**NAME OF LICENSED DRILLER:** Macario Lueras  
**NAME OF WELL DRILLING COMPANY:** Statewide Drilling, Inc.  
**DRILLING STARTED:** 10/07/2009  
**DRILLING ENDED:** 10/15/2009  
**DEPT OF COMPLETED WELL (FT):**  
**BORE HOLE DEPTH (FT):**  
**DEPTH WATER FIRST ENCOUNTERED (FT):**  
**STATIC WATER LEVEL IN COMPLETED WELL (FT):**  

<table>
<thead>
<tr>
<th>COMPLETED WELL IS:</th>
<th>ARTISIAN</th>
<th>DRY HOLE</th>
<th>SHALLOW (UNCNFUNED)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
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<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>DRILLING FLUID:</th>
<th>AIR</th>
<th>MUD</th>
<th>ADDITIVES - SPECIFY:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>DRILLING METHOD:</th>
<th>ROTARY</th>
<th>HAMMER</th>
<th>CABLE TOOL</th>
<th>OTHER - SPECIFY:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

4. **DRILLING INFORMATION**  

<table>
<thead>
<tr>
<th>DEPTH (FT) FROM</th>
<th>TO</th>
</tr>
</thead>
<tbody>
<tr>
<td>BORE HOLE DIA. (IN)</td>
<td>CASEING MATERIAL</td>
</tr>
<tr>
<td>CONNECTION TYPE (CASING)</td>
<td>INSIDE DIA. CASING (IN)</td>
</tr>
<tr>
<td>CASING WALL THICKNESS (IN)</td>
<td>SLOT SIZE (IN)</td>
</tr>
</tbody>
</table>

5. **WATER BEARING STRATA**  

<table>
<thead>
<tr>
<th>DEPTH (FT) FROM</th>
<th>TO</th>
</tr>
</thead>
<tbody>
<tr>
<td>THICKNESS (FT)</td>
<td>FORMATION DESCRIPTION OF PRINCIPAL WATER-BEARING STRATA (INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES)</td>
</tr>
<tr>
<td></td>
<td>YIELD (GPM)</td>
</tr>
</tbody>
</table>

6. **METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA**  
**TOTAL ESTIMATED WELL YIELD (GPM):**  

---

FOR OSE INTERNAL USE  
FILE NUMBER  
POD NUMBER  
LOCATION  

WELL RECORD & LOG (Version 6/9/08)  
FILE#T-00442  
TRN# 442004  
PAGE 3 OF 4
<table>
<thead>
<tr>
<th>TYPE OF PUMP</th>
<th>SUBMERSIBLE</th>
<th>JET</th>
<th>NO PUMP - WELL NOT EQUIPPED</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>TURBINE</td>
<td>CYLINDER</td>
<td>OTHER - SPECIFY:</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ANNULAR SEAL AND GRAVEL PACK</th>
<th>DEPTH (FT)</th>
<th>BORE HOLE DIA. (IN)</th>
<th>MATERIAL TYPE AND SIZE</th>
<th>AMOUNT (CUBIC FT)</th>
<th>METHOD OF PLACEMENT</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>FROM</td>
<td>TO</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>DEPTH (FT)</th>
<th>THICKNESS (FT)</th>
<th>COLOR AND TYPE OF MATERIAL ENCOUNTERED (INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES)</th>
<th>WATER BEARING?</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>YES</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>YES</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>YES</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>YES</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>YES</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>YES</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>YES</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>YES</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>YES</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>YES</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>YES</td>
</tr>
</tbody>
</table>

ATTACH ADDITIONAL PAGES AS NEEDED TO FULLY DESCRIBE THE GEOLOGIC LOG OF THE WELL.

WELL TEST
METHOD: ☐ HAILER ☐ PUMP ☐ AIR LIFT ☐ OTHER - SPECIFY:

TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD.

ADDITIONAL STATEMENTS OR EXPLANATIONS:

Cleaned well to 512'

THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THE PERMIT HOLDER WITHIN 20 DAYS AFTER COMPLETION OF WELL DRILLING.

SIGNATURE OF DRILLER

10/16/2009

DATE
COLIN MCMILLAN
THREE RIVERS CATTLE LTD. CO.
118 WEST FIRST STREET
ROSWELL, NM  88201

Greetings:

Enclosed is your copy of the well record for the above numbered permit, which has been accepted for filing.

Sincerely,

(575) 524-6111

Enclosure
NEW MEXICO OFFICE OF THE STATE ENGINEER
WELL RECORD

1. OWNER OF WELL
Name: Three Rivers Cattle Ltd Co Work Phone: 
Contact: 
Address: 118 West 1st St 
City: Roswell 
State: NM Zip: 88203

2. LOCATION OF WELL (A, B, C, or D required, E or F if known)
   A. NE1/4 NW 1/4 SE1/4 Section: 25 Township: 11-S Range: 9-E N.M.P.M. in Otero County.
   B. X = ______ feet, Y = ______ feet, N.M. Coordinate System Zone in the Grant.
   C. Latitude: _____d _____m ______s Longitude: _____d _____m ______s
   D. East _______ (m), North _______ (m), UTM Zone 13, NAD 83 (27 or 83)
   E. Tract No. _____, Map No. _____ of the _______ Hydrographic Survey
   F. Lot No. _____, Block No. _____ of Unit/Tract ____________ of the ____________ Subdivision recorded in ________ County.
   G. Other: 
   H. Give State Engineer File Number if existing well: 
   I. On land owned by (required): Three Rivers Cattle Ltd Co

3. DRILLING CONTRACTOR
   License Number: WD-601
   Name: Statewide Drilling, Inc. Work Phone: 437-8984
   Agent: 
   Mailing Address: PO Box 458
   City: La Luz State: NM Zip: 88337

4. DRILLING RECORD
   Drilling began: 1/21/03 
   Completed: 2/28/03 
   Type tools: Air Rotary
   Size of hole: 8 in.; Total depth of well: 1080 ft.;
   Completed well is: shallow (shallow, artesian);
   Depth to water upon completion of well: 48 ft.

File Number: T-00442-S-12 
Form: wr-20 
July 11, 2003 
DOMESTIC 
25S.11S.9E.412 
TRN236363
NEW MEXICO OFFICE OF THE STATE ENGINEER
WELL RECORD

5. PRINCIPAL WATER-BEARING STRATA

<table>
<thead>
<tr>
<th>Depth in Feet from</th>
<th>Thickness in feet</th>
<th>Description of water-bearing formation</th>
<th>Estimated Yield (GPM)</th>
</tr>
</thead>
<tbody>
<tr>
<td>400 - 450</td>
<td>50</td>
<td>sand</td>
<td></td>
</tr>
<tr>
<td>950 - 960</td>
<td>10</td>
<td>sand</td>
<td></td>
</tr>
</tbody>
</table>

6. RECORD OF CASING

<table>
<thead>
<tr>
<th>Diameter (inches)</th>
<th>Pounds per ft.</th>
<th>Threads per in.</th>
<th>Depth in Feet</th>
<th>Length (feet)</th>
<th>Type of Shoe</th>
<th>Perforations</th>
</tr>
</thead>
<tbody>
<tr>
<td>Original</td>
<td>8</td>
<td>steel</td>
<td>+1</td>
<td>300</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>6</td>
<td>steel</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

7. RECORD OF MUDDING AND CEMENTING

<table>
<thead>
<tr>
<th>Depth in Feet from</th>
<th>Hole Diameter</th>
<th>Sacks of mud</th>
<th>Cubic Feet of Cement</th>
<th>Method of Placement</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
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<td></td>
<td></td>
</tr>
</tbody>
</table>

8. PLUGGING RECORD

<table>
<thead>
<tr>
<th>Plugging Contractor:</th>
<th>Address:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Plugging approved by: State Engineer Representative

<table>
<thead>
<tr>
<th>No.</th>
<th>Depth in Feet Top</th>
<th>Depth in Feet Bottom</th>
<th>Cubic Feet of Cement</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>5</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

File Number: T-0042-S-12

July 11, 2003

Form: wz-20

DOMESTIC

Page 2 of 4

Trn Number: 25S.11S.9E.412

TRN236363
### LOG OF HOLE

<table>
<thead>
<tr>
<th>Depth in Feet</th>
<th>Thickness in feet</th>
<th>Color and Type of Material Encountered</th>
</tr>
</thead>
<tbody>
<tr>
<td>300</td>
<td>350</td>
<td>black shale</td>
</tr>
<tr>
<td>350</td>
<td>385</td>
<td>granite</td>
</tr>
<tr>
<td>385</td>
<td>900</td>
<td>layers of shale and gray sandstone</td>
</tr>
<tr>
<td>900</td>
<td>1080</td>
<td>red sandstone</td>
</tr>
</tbody>
</table>
NEW MEXICO OFFICE OF THE STATE ENGINEER
WELL RECORD

10. ADDITIONAL STATEMENTS OR EXPLANATIONS:

The undersigned hereby certifies that, to the best of his knowledge and belief, the foregoing is a true and correct record of the above described hole.

[Signature]
Driller

[Date]
(MM/DD/YYYY)

Mike McMurry

FOR STATE ENGINEER USE ONLY

Quad _____; FWL _____; FSL _____; Use _______; Location No. ________
Trn Nbr: 236363
File Nbr: T 00442
Well File Nbr: T 00442 EXPL-12

Jul. 10, 2003

COLIN MCMILLAN
THREE RIVERS CATTLE LTD. CO.
118 WEST FIRST STREET
ROSWELL, NM  88201

Greetings:

Enclosed is your copy of the well record for the above numbered permit, which has been accepted for filing.

Sincerely,

[Signature]

Elizabeth Hays
(505) 524-6161

Enclosure
cc: Santa Fe Office

wellrrcv
File Nbr: T 00442
Well File Nbr: T 00442 S-16

Jul. 17, 2003

COLIN MCMILLAN
THREE RIVERS CATTLE LTD. CO.
118 WEST FIRST STREET
ROSWELL, NM 88201

Greetings:

The Conditions of Approval of your permit require that your well be metered and that meter readings be submitted to this office in writing quarterly.

Failure to comply with the Rules and Regulations of the State Engineer may result in the cancellation of your permit. Additionally, you may be subject to fines up to $250.00 per day for every day you are not in compliance.

Please advise this office on the attached form of the make, model, serial number, date of installation, and initial reading of the meter prior to appropriation of the water. If you have any questions, please feel free to contact us.

Sincerely,

[Signature]

David Bernardone
(505) 524-6161

Enclosure
cc: Santa Fe Office
mtrfrm_req
STATE ENGINEER OFFICE
WELL RECORD

Section 1. GENERAL INFORMATION

A) Owner of well Three Rivers
Street or Post Office Address 118 West 1st St.
City and State Roswell, N.M., 88201

Well was drilled under Permit No. T-993-S-2 and is located in the
a. 1/4 SE 1/4 NW 1/4 NE 1/4 of Section 28 Township 11 South Range 91 East N.M.P.M.
b. Tract No. of Map No. of the

c. Lot No. of Block No. of the Subdivision, recorded in County.
d. X= feet, Y= feet, N.M. Coordinate System Zone in
the Grant.

B) Drilling Contractor Brazel Well Drilling Inc.
License No. WD-601
Address P.O. Box 458, La Luz, N.M., 88337

Drilling Began 12/29/84 Completed 3/4/85 Type tools Air Rotary Size of hole 32 in.
Elevation of land surface or ft. at well is Total depth of well 200 ft.
Completed well is Shallow Artesian. Depth to water upon completion of well 20 ft.

Section 2. PRINCIPAL WATER-BEARING STRATA

<table>
<thead>
<tr>
<th>Depth in Feet</th>
<th>Thickness in Feet</th>
<th>Description of Water-Bearing Formation</th>
<th>Estimated Yield (gallons per minute)</th>
</tr>
</thead>
<tbody>
<tr>
<td>From</td>
<td>To</td>
<td>Sand &amp; Gravel</td>
<td>12</td>
</tr>
<tr>
<td>12</td>
<td>32</td>
<td></td>
<td>100</td>
</tr>
<tr>
<td>62</td>
<td>68</td>
<td>Sand</td>
<td>75</td>
</tr>
</tbody>
</table>

Section 3. RECORD OF CASING

<table>
<thead>
<tr>
<th>Diameter (inches)</th>
<th>Pounds per foot</th>
<th>Threads per in.</th>
<th>Depth in Feet</th>
<th>Length (feet)</th>
<th>Type of Shoe</th>
<th>Perforations</th>
</tr>
</thead>
<tbody>
<tr>
<td>10</td>
<td>+2</td>
<td>Top</td>
<td>190</td>
<td>192</td>
<td>12</td>
<td>190</td>
</tr>
</tbody>
</table>

Section 4. RECORd OF MUDDLING AND CEMENTING

<table>
<thead>
<tr>
<th>Depth in Feet</th>
<th>Hole Diameter</th>
<th>Sacks of Mud</th>
<th>Cubic Feet of Cement</th>
</tr>
</thead>
<tbody>
<tr>
<td>From</td>
<td>To</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Section 5. PLUGGING RECORD

<table>
<thead>
<tr>
<th>No.</th>
<th>Depth in Feet</th>
<th>Cubic Feet of Cement</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Top</td>
<td>Bottom</td>
</tr>
<tr>
<td>2</td>
<td>3</td>
<td>4</td>
</tr>
</tbody>
</table>

For use of State Engineer only

Date Received October 28, 1985

File No. T-993-S-2 T-442-S Chg. Location Arrigatn Location No. 11-94E, 28-214

Re-numbered from T-993-S-2 T-442-S
## Section 6. LOG OF HOLE

<table>
<thead>
<tr>
<th>Depth in Feet</th>
<th>Thickness in Feet</th>
<th>Color and Type of Material Encountered</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>12</td>
<td>Brown Clay and Rock</td>
</tr>
<tr>
<td>12</td>
<td>32</td>
<td>Sand &amp; Gravel</td>
</tr>
<tr>
<td>32</td>
<td>36</td>
<td>Gray Green Shale</td>
</tr>
<tr>
<td>36</td>
<td>55</td>
<td>Yellow Sandstone</td>
</tr>
<tr>
<td>55</td>
<td>62</td>
<td>Gray Sandstone</td>
</tr>
<tr>
<td>62</td>
<td>68</td>
<td>Sand</td>
</tr>
<tr>
<td>68</td>
<td>70</td>
<td>Black Shale</td>
</tr>
<tr>
<td>70</td>
<td>80</td>
<td>Yellow Sandstone</td>
</tr>
<tr>
<td>80</td>
<td>96</td>
<td>Coal Shale and Sandstone</td>
</tr>
<tr>
<td>96</td>
<td>101</td>
<td>Yellow Sandstone</td>
</tr>
<tr>
<td>101</td>
<td>105</td>
<td>Gray Shale</td>
</tr>
<tr>
<td>105</td>
<td>110</td>
<td>Blue Sandstone</td>
</tr>
<tr>
<td>110</td>
<td>158</td>
<td>Coal Shale and Sandstone</td>
</tr>
<tr>
<td>158</td>
<td>200</td>
<td>Water and White Sandstone</td>
</tr>
</tbody>
</table>

## Section 7. REMARKS AND ADDITIONAL INFORMATION

The undersigned hereby certifies that, to the best of his knowledge and belief, the foregoing is a true and correct record of the above-described hole.

Tom Braziel  
Driller

INSTRUCTIONS: This form should be executed in triplicate, preferably typewritten, and submitted to the appropriate district office of the State Engineer. All sections, except Section 5, shall be answered as completely and accurately as possible when any well is drilled, repaired or deepened. When this form is used as a plugging record, only Section 1(a) and Section 3 need be completed.
STATE OF NEW MEXICO
STATE ENGINEER OFFICE
LAB CRUCES

S. E. REYNOLDS
STATE ENGINEER

October 30, 1985

FILES: T-993 and T-993-S-2 (T-442-S-2)
(T-443-S)

Three Rivers Cattle Co.
c/o Frederick Hennighausen
Attorney at Law
Fisk Bldg., 110 E. Fourth
Roswell, NM 88201

Gentlemen:

Enclosed are your copies of the Well Record for the above-numbered Permits to Clean-out Irrigation Well No. T-993 and to Change the Location of Irrigation Well No. T-993-S-2, which have been accepted for filing subject to the conditions as noted on said Permits.

Your attention is called to the attachment to the Change of Location Permit No. T-993-S-2, which states these Conditions of Approval:

1. This application is approved for the drilling of a replacement well and by this action the State Engineer does not accept or reject the amount of water claimed diverted from well T-992 (since renumbered T-993-S-2) in declaration filed September 21, 1984.

2. The amount of water diverted under this permit for the irrigation of 284.1 acres described in said declaration T-992 (since renumbered T-993-S-2) shall be limited to that quantity of water required for beneficial use and in no event shall exceed 193 acre-feet per annum measured at the well.

3. The diversion of groundwater on the 266.3 acres of land having surface water rights described in License No. 2653 shall be a supplemental source to the surface water.

4. Old Well T-992 (now T-993-S-2) shall be capped or plugged in a manner satisfactory to the State Engineer.
Proof of Completion of Well should be filed as soon as possible after installation of pumping equipment, but no later than December 30, 1986. I have enclosed these forms partially completed for your use.

This the final filing under the Clean-out Permit of your Irrigation Well No. T-993.

Your rights under the Change of Location of Well Permit No. T-993-S-2 will be subject to cancellation on December 30, 1986, unless Proof is filed or an Application for Extension of Time is received in this office before that date.

Sincerely,

J. B. Nixon
Engineer, District III

JBN:DN
Enclosures: Well Records
Completion forms
pc: State Engineer
STATE ENGINEER OFFICE
WELL RECORD

Section 1. GENERAL INFORMATION

Owner of well: **Three Rivers**
Owner's Well No.: 
Street or Post Office Address: 118 West 1st St.
City and State: Roswell, N.M., 88201

Well was drilled under Permit No.: **T-993** and is located in the:

a. 22 Township of Section 22
North 4° West 4° of Range 9° East N.M.P.M.

b. 22 Township
North 4° West
of the

Tract No. of Map No. of the

Lot No. of Block No. of the

Subdivision, recorded in County.

X = feet, Y = feet, N.M. Coordinate System Zone in the Grant.

Drilling Contractor: **Brazel Well Drilling Inc.**
License No.: W0-601
Address: P.O. Box 458, La Luz, N.M. 88337

Drilling Began: 9/84
Completed: 9/84
Type of tools: Air Rotary
Size of hole: 12 in.

Elevation of land surface or at well is: Total depth of well: 220 ft.

Completed well is: [ ] shallow [ ] artesian.

Depth to water upon completion of well: 25 ft.

Section 2. PRINCIPAL WATER-BEARING STRATA

<table>
<thead>
<tr>
<th>Depth in Feet From</th>
<th>Thickness in Feet</th>
<th>Description of Water-Bearing Formation</th>
<th>Estimated Yield (gallons per minute)</th>
</tr>
</thead>
<tbody>
<tr>
<td>32</td>
<td>250</td>
<td></td>
<td>250</td>
</tr>
</tbody>
</table>

Section 3. RECORD OF CASING

<table>
<thead>
<tr>
<th>Diameter (inches)</th>
<th>Pounds per foot</th>
<th>Threads per in.</th>
<th>Depth in Feet</th>
<th>Length (feet)</th>
<th>Type of Shoe</th>
<th>Perforations</th>
</tr>
</thead>
<tbody>
<tr>
<td>12</td>
<td>250</td>
<td></td>
<td>0</td>
<td>80</td>
<td></td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>250</td>
<td>80</td>
<td>220</td>
<td>140</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Section 4. RECORD OF MUDDING AND CEMENTING

<table>
<thead>
<tr>
<th>Depth in Feet From</th>
<th>Hole Diameter</th>
<th>Sacks of Mud</th>
<th>Cubic Feet of Cement</th>
<th>Method of Placement</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>S. Eng.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>ALAMOGORDO, N.M.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>28</td>
</tr>
<tr>
<td></td>
<td></td>
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<td></td>
<td>PH 4</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>23</td>
</tr>
</tbody>
</table>

Section 5. PLUGGING RECORD

Plugging Contractor: 
Address: 
Plugging Method: 
Date Well Plugged: 1985 Oct 25
Plugging approved by: 
State Engineer Representative: 

FOR USE OF STATE ENGINEER ONLY

Date Received: October 28, 1985
Quad: FH1
File No: T-993, T-442, 5-2
Use: Clean/Irrigation Location No: 11,36,22,321
### Section 6. LOG OF HOLE

<table>
<thead>
<tr>
<th>Depth in Feet</th>
<th>Thickness in Feet</th>
<th>Color and Type of Material Encountered</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
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</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Section 7. REMARKS AND ADDITIONAL INFORMATION

**CLEAN OUT WELL TO ORIGINAL DEPTH OF 220**

The undersigned hereby certifies that, to the best of his knowledge and belief, the foregoing is a true and correct record of the above described hole.

Jan [Signature]

Driller

**INSTRUCTIONS:** This form should be executed in triplicate, preferably typewritten, and submitted to the appropriate district office of the State Engineer. All sections, except Section 5, shall be answered as completely and accurately as possible when any well is drilled, repaired or deepened. When this form is used as a plugging record, only Section 1(a) and Section 5 need be completed.
STATE ENGINEER OFFICE
WELL RECORD

Section 1. GENERAL INFORMATION

(A) Owner of well: Three Rivers Cattle Co.  
Owner's Well No: T-442-EXPL-15
Street or Post Office Address: 118 West First St.
City and State: Roswell, NM 88201

Well was drilled under Permit No. T-442 and is located in the:

a. 1/4 NW 1/4 SE 1/4 SW 1/4 of Section 13  
   Township 11S  
   Range 9AE  
   N.M.P.M.

b. Tract No.  
   of Map No.  
   of the  
   Subdivision, recorded in  
   County.

c. Lot No.  
   of Block No.  
   of the  
   Subdivision, recorded in  
   County.

d. X=  
   Y=  
   feet, N.M. Coordinate System  
   Zone in  
   Grant.

(B) Drilling Contractor: STATEWIDE DRILLING, INC.  
License No: WA-601
Address: 2800 AIRPORT RD, ALAMOGORDO, NM 88310

Drilling Began: 2-1-93  
Completed: 2-2-93  
Type tools: AIR ROTARY  
Size of hole: 8 in.

Elevation of land surface or  
at well is:  
Total depth of well: 35 ft.

Completed well is  

Section 2. PRINCIPAL WATER-BEARING STRATA

<table>
<thead>
<tr>
<th>Depth in Feet</th>
<th>Thickness in Feet</th>
<th>Description of Water-Bearing Formation</th>
<th>Estimated Yield (gallons per minute)</th>
</tr>
</thead>
<tbody>
<tr>
<td>From 20</td>
<td>To 35</td>
<td>Sand and gravel</td>
<td>150</td>
</tr>
</tbody>
</table>

Section 3. RECORD OF CASING

<table>
<thead>
<tr>
<th>Diameter (inches)</th>
<th>Pounds per foot</th>
<th>Threads per in.</th>
<th>Depth in Feet</th>
<th>Length (feet)</th>
<th>Type of Shoe</th>
<th>Perforations</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/2</td>
<td>stove</td>
<td>+2</td>
<td>Top 13</td>
<td>20</td>
<td></td>
<td></td>
</tr>
<tr>
<td>7/4</td>
<td>stainless steel</td>
<td>13</td>
<td>Bottom 33</td>
<td>20</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Section 4. RECORD OF MUDDING AND CEMENTING

<table>
<thead>
<tr>
<th>Depth in Feet</th>
<th>Hole Diameter</th>
<th>Sacks of Mud</th>
<th>Cubic Feet of Cement</th>
<th>Method of Placement</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Section 5. PLUGGING RECORD

<table>
<thead>
<tr>
<th>Plugging Contractor</th>
<th>Address</th>
<th>Plugging Method</th>
<th>Date Well Plugged</th>
<th>Plugging approved by:</th>
<th>State Engineer Representative</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Date Received: FEBRUARY 8, 1993  
FOR USE OF STATE ENGINEER ONLY

File No: T-442-EXPL-15  
Use: EXPLORATORY  
Quad: FWL  
Location No: 11S.9E.13.421
### Section 6. LOG OF HOLE

<table>
<thead>
<tr>
<th>Depth in Feet</th>
<th>Thickness in Feet</th>
<th>Color and Type of Material Encountered</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>15</td>
<td>Brown clay</td>
</tr>
<tr>
<td>15</td>
<td>20</td>
<td>Brown sand and clay</td>
</tr>
<tr>
<td>20</td>
<td>35</td>
<td>Sand and gravel</td>
</tr>
</tbody>
</table>

### Section 7. REMARKS AND ADDITIONAL INFORMATION

The undersigned hereby certifies that, to the best of his knowledge and belief, the foregoing is a true and correct record of the above described hole.

[Signature]
Driller

INSTRUCTIONS: This form should be executed in triplicate, preferably typewritten, and submitted to the appropriate district office of the State Engineer. All sections, except Section 5, shall be answered as completely and accurately as possible when any well is drilled, repaired or deepened. When this is used as a plugging record, only Section 1(A) and Section 5 need be completed.
STATE ENGINEER OFFICE
WELL RECORD

Section 1. GENERAL INFORMATION

(A) Owner of well ___________ US FOREST SERVICE LINCOLN NATIONAL FOREST ___________ Owner's Well No. ___________
Street or Post Office Address ___________ 1181 NEW YORK AVE. ___________
City and State ___________ ALAMOGORDO, NM 88310 ___________

Well was drilled under Permit No. ___________ T-2651 ___________ and is located in the:

a. SW 1/4 NE 1/4 NE 1/4 1/4 of Section 34 Township 10S Range 1A E2 Sec. 2

b. Tract No. ___________ of Map No. ___________ of the ___________

c. Lot No. ___________ of Block No. ___________ of the ___________
Subdivision, recorded in ___________ LINCOLN ___________ County.

d. X= ___________ feet, Y= ___________ feet, N.M. Coordinate System ___________ Zone in
the ___________ Grant.

(B) Drilling Contractor ___________ STATEWIDE DRILLING, INC. ___________ License No. ___________ WD-601 ___________
Address ___________ P.O. BOX 458 * LA LUZ, NM 88337 ___________

Drilling Began ___________ 12-15-94 ___________ Completed ___________ 12-27-94 ___________ Type tools ___________ ATR ROTARY ___________ Size of hole ___________ 8 ___________ in.

Elevation of land surface or ___________ at well is ___________ ft. Total depth of well ___________ 220 ___________ ft.

Completed well is ___________ shallow ___________ artesian. ___________ Depth to water upon completion of well ___________ 73 ___________ ft.

Section 2. PRINCIPAL WATER-BEARING STRATA

<table>
<thead>
<tr>
<th>Depth in Feet</th>
<th>Thickness in Feet</th>
<th>Description of Water-Bearing Formation</th>
<th>Estimated Yield (gallons per minute)</th>
</tr>
</thead>
<tbody>
<tr>
<td>105</td>
<td></td>
<td>FRACTURE</td>
<td></td>
</tr>
</tbody>
</table>

Section 3. RECORD OF CASING

<table>
<thead>
<tr>
<th>Diameter (inches)</th>
<th>Pounds per foot</th>
<th>Threads per in.</th>
<th>Depth in Feet</th>
<th>Length (feet)</th>
<th>Type of Shoe</th>
<th>Perforations</th>
</tr>
</thead>
<tbody>
<tr>
<td>5</td>
<td>PVC</td>
<td>-3</td>
<td>220</td>
<td>217</td>
<td></td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>STEEL</td>
<td>+2</td>
<td>18</td>
<td>20</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Section 4. RECORD OF MUDDING AND CEMENTING

<table>
<thead>
<tr>
<th>Depth in Feet</th>
<th>Hole Diameter</th>
<th>Sacks of Mud</th>
<th>Cubic Feet of Cement</th>
<th>Method of Placement</th>
</tr>
</thead>
<tbody>
<tr>
<td>-3</td>
<td>18</td>
<td>8</td>
<td>4BAGS (80lbs)</td>
<td>GROUT MIX</td>
</tr>
</tbody>
</table>

Section 5. PLUGGING RECORD

<table>
<thead>
<tr>
<th>Plugging Contractor</th>
<th>Address</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Plugging Method ___________
Date Well Plugged ___________
Plugging approved by: ___________

State Engineer Representative ___________

FOR USE OF STATE ENGINEER ONLY

Date Received ___________ February 2, 1995 ___________

Quad ___________ FWL ___________ FSI ___________

File No. ___________ T-2651 ___________

Drinking & Sanitary ___________
Location No. ___________ 10S.10E.34.223
<table>
<thead>
<tr>
<th>Depth in Feet</th>
<th>Thickness in Feet</th>
<th>Color</th>
<th>Type of Material Encountered</th>
</tr>
</thead>
<tbody>
<tr>
<td>From</td>
<td>To</td>
<td>BLACK TOPSOIL</td>
<td>ROCKS, GRANITE, GRANITE AND PINK SANDSTONE</td>
</tr>
<tr>
<td>0</td>
<td>22</td>
<td>22</td>
<td>48</td>
</tr>
<tr>
<td>70</td>
<td>110</td>
<td>40</td>
<td>PURPLE &amp; GRAY SANDSTONE</td>
</tr>
<tr>
<td>125</td>
<td>220</td>
<td>95</td>
<td>GRAY GRANITE</td>
</tr>
<tr>
<td>225</td>
<td>250</td>
<td>95</td>
<td>GRAY GRANITE</td>
</tr>
</tbody>
</table>

**Section 7. Remarks and Additional Information**

---

*This form should be executed in triplicate, preferably typewritten, and submitted to the appropriate district office of the State Engineer. All sections of Section 5 shall be answered as completely as possible when any well is drilled, equiped, or completed. When any well is used as a plugging record, only Section 1 and Section 5 need be applied.*

*Signed:* Mike McNabb
February 7, 1995

FILE: T-2651

U. S. Forest Service - Lincoln National Forest
1101 New York Ave.
Alamogordo, NM 88310

Gentlemen:

Enclosed is your copy of Well Record under Drinking and Sanitary Well Permit No. T-2651, which has been accepted for filing subject to the conditions as noted on your permit.

Your attention is called to the reverse side of your permit to all General Conditions, but special attention is directed to Specific Condition Nos. 4 and 5b, which state:

4. Use shall be limited to household, non-commercial trees, lawn and garden not to exceed one acre and/or stock use.

5b. A totalizing meter shall be installed before the first branch of the discharge line from the well and the installation shall be acceptable to the State Engineer; the Engineer shall be advised of the make, model, serial number, date of installation, and initial reading of the meter prior to appropriation of water and pumping records shall be submitted to the District Supervisor on or before the 10th of January, April, July and October of each year for the three preceding calendar months.

The meter required under this permit shall be installed on the discharge line from the well before the line enters the ground, or,
in the case of the discharge line exiting the casing below ground, the meter shall be installed immediately adjacent to the casing. In the latter instance, the State Engineer Office in Las Cruces shall be advised of the meter installation and allowed 7 days for inspection prior to filling in the ditch. The meter report for the initial installation shall be completed and submitted as soon as the meter is installed. Quarterly reports shall be submitted by the 10th of January, April, July and October of each year for the three preceding calendar months whether the well is or is not pumped.

Please advise this office of any change in mailing address that may occur in the future. If the property is ever sold, a change of ownership for the well must be filed at the county clerk's office, in the county in which the well was drilled, in accordance with state law.

Sincerely,

[Signature]

J. B. Nixon
Supervisor, District 4

JBN:raj

Encl: Well Record

cc: State Engineer
STATE ENGINEER OFFICE
WELL RECORD

T-03845
TRN205412

Section 1. GENERAL INFORMATION

(A) Owner of well: HIGH NOGAL RANCH/ DAVID CHRISTOPHER
Owner's Well No. 
Street or Post Office Address: 1616 LEESWAY
City and State: RICHMOND, TX 77469 281-341-5525

Well was drilled under Permit No. T-03845 and is located in the:

a. NE ¼ SE ¼ SW ¼ of Section 3 Township 12 Range 10 N.M.P.W.

b. Tract No. _______ of Map No. _______ of the _______ .

c. Lot No. _______ of Block No. _______ of the Subdivision, recorded in OTERO County.

d. X= _______ feet, Y= _______ feet, N.M. Coordinate System Zone in the Grant.

(B) Drilling Contractor: STATEWIDE DRILLING, INC. License No. WD-601
Address: PO BOX 458 LA LUZ, NM 88337

Drilling Began 02/28/01 Completed 03/01/01 Type tools AIR ROTARY Size of hole, 8 in.

Elevation of land surface or at well is _______ ft. Total depth of well _______ ft.

Completed well is ☐ shallow ☐ artesian. Depth to water upon completion of well _______ ft.

Section 2. PRINCIPAL WATER-BEARING STRATA

<table>
<thead>
<tr>
<th>Depth in Feet</th>
<th>Thickness in Feet</th>
<th>Description of Water-Bearing Formation</th>
<th>Estimated Yield (gallons per minute)</th>
</tr>
</thead>
<tbody>
<tr>
<td>From 40</td>
<td>To</td>
<td>on sandstone</td>
<td>1½-2</td>
</tr>
</tbody>
</table>

Section 3. RECORD OF CASING

<table>
<thead>
<tr>
<th>Diameter (inches)</th>
<th>Pounds per foot</th>
<th>Threads per in.</th>
<th>Depth in Feet</th>
<th>Length (feet)</th>
<th>Type of Shoe</th>
<th>Perforations</th>
</tr>
</thead>
<tbody>
<tr>
<td>8</td>
<td>steel</td>
<td>2</td>
<td>13</td>
<td>15</td>
<td></td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>pvc</td>
<td>0</td>
<td>340</td>
<td>340</td>
<td></td>
<td>280-340</td>
</tr>
</tbody>
</table>

Section 4. RECORD OF MUDDING AND CEMENTING

<table>
<thead>
<tr>
<th>Depth in Feet</th>
<th>Hole Diameter</th>
<th>Sacks of Mud</th>
<th>Cubic Feet of Cement</th>
<th>Method of Placement</th>
</tr>
</thead>
<tbody>
<tr>
<td>From</td>
<td>To</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Section 5. PLUGGING RECORD

Plugging Contractor
Address
Plugging Method
Date Well Plugged
Plugging approved by:

State Engineer Representative

MARCH 12, 20001 FOR USE OF STATE ENGINEER ONLY

Date Received T-03845
File No. __________________ Use __________________ Location No. __________________
<table>
<thead>
<tr>
<th>Depth in Feet</th>
<th>Thickness in Feet</th>
<th>Color and Type of Material Encountered</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>10</td>
<td>sand &amp; gravel</td>
</tr>
<tr>
<td>10</td>
<td>25</td>
<td>caliche</td>
</tr>
<tr>
<td>25</td>
<td>340</td>
<td>gray shale &amp; sandstone</td>
</tr>
</tbody>
</table>

Section 7. REMARKS AND ADDITIONAL INFORMATION

15' of 8" surface pipe

The undersigned hereby certifies that, to the best of his knowledge and belief, the foregoing is a true and correct record of the above described hole.

[Signature]

Driller

INSTRUCTIONS: This form should be executed in triplicate, preferably typewritten, and submitted to the appropriate district office of the State Engineer. All sections, except Section 5, shall be answered as completely and accurately as possible when any well is drilled, repaired or deepened. When this form is used as a plugging record, only Section 1(a) and Section 5 need be completed.
Mar. 15, 2001

DAVID CHRISTOPHER
HIGH NOGAL RANCH
183 SNAKE TANK ROAD
TULAROSA, NM 88352

Greetings:

Enclosed is your copy of the well record for the above numbered permit, which has been accepted for filing.

Sincerely,

David Bernardone
(505)524-6161

Enclosure
cc: Santa Fe Office

wellrrcv
STATE ENGINEER OFFICE
WELL RECORD

Section 1. GENERAL INFORMATION

(A) Owner of well MESA VERDE ENTERPRISES, INC. Owner’s Well No.
Street or Post Office Address PO BOX 515
City and State ALAMOGORDO, NM 88311-0515 437-2995

Well was drilled under Permit No. T-3062 and is located in the:

a. SW 1/4 SW 1/4 1/4 1/4 of Section 9 Township 16 Range 9E N.M.P.M.
b. Tract No. of Map No. of the

D. Lot No. of Block No. of the
Subdivision, recorded in OTERO County.

d. X= feet, Y= feet, N.M. Coordinate System Zone in
the

Section 2. PRINCIPAL WATER-BEARING STRATA

<table>
<thead>
<tr>
<th>Depth in Feet</th>
<th>Thickness in Feet</th>
<th>Description of Water-Bearing Strata</th>
<th>Estimated Yield (gallons per minute)</th>
</tr>
</thead>
<tbody>
<tr>
<td>From</td>
<td>To</td>
<td></td>
<td></td>
</tr>
<tr>
<td>85</td>
<td>88</td>
<td>sand &amp; caliche</td>
<td>20</td>
</tr>
<tr>
<td>115</td>
<td>119</td>
<td>sand &amp; caliche</td>
<td>30</td>
</tr>
</tbody>
</table>

Section 3. RECORD OF CASING

<table>
<thead>
<tr>
<th>Diameter (inches)</th>
<th>Pounds per foot</th>
<th>Threads per in.</th>
<th>Depth in Feet</th>
<th>Type of Shoe</th>
<th>Perforations</th>
</tr>
</thead>
<tbody>
<tr>
<td>6</td>
<td>PVC</td>
<td>0</td>
<td>0</td>
<td>295</td>
<td>295</td>
</tr>
<tr>
<td>8</td>
<td>steel</td>
<td>+1</td>
<td>2</td>
<td>3</td>
<td>100</td>
</tr>
</tbody>
</table>

Section 4. RECORD OF MUDDING AND CEMENTING

<table>
<thead>
<tr>
<th>Depth in Feet</th>
<th>Hole Diameter</th>
<th>Sacks of Mud</th>
<th>Cubic Feet of Cement</th>
</tr>
</thead>
<tbody>
<tr>
<td>From</td>
<td>To</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Section 5. PLUGGING RECORD

Plugging Contractor
Address
Plugging Method
Date Well Plugged
Plugging approved by

State Engineer Representative

FOR USE OF STATE ENGINEER ONLY

Date Received May 9, 1997

File No. T-3062
Use Sand & gravel plant No. 168.9E.9.3

Quad FWL

Revised June 1972
### Section 6. LOG OF HOLE

<table>
<thead>
<tr>
<th>Depth in Feet</th>
<th>Thickness in Feet</th>
<th>Color and Type of Material Encountered</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>12</td>
<td>white caliche</td>
</tr>
<tr>
<td>12</td>
<td>85</td>
<td>red clay</td>
</tr>
<tr>
<td>85</td>
<td>88</td>
<td>sand &amp; caliche</td>
</tr>
<tr>
<td>88</td>
<td>115</td>
<td>red clay</td>
</tr>
<tr>
<td>115</td>
<td>119</td>
<td>sand &amp; caliche</td>
</tr>
<tr>
<td>119</td>
<td>295</td>
<td>red sandy clay</td>
</tr>
</tbody>
</table>

### Section 7. REMARKS AND ADDITIONAL INFORMATION

Ten yards of 3/8" gravel for gravel pack.

The undersigned hereby certifies that, to the best of his knowledge and belief, the foregoing is a true and correct record of the above described hole.

Driller

**INSTRUCTIONS:** This form should be executed in triplicate, preferably typewritten, and submitted to the appropriate district office of the State Engineer. All sections, except Section 5, shall be answered as completely and accurately as possible when any well is drilled, repaired or deepened. When this form is used as a plugging record, only Section 4 and Section 5 need be completed.
May 12, 1997

FILE: T-3062

Mesa Verde Enterprises
P. O. Box 515
Alamogordo, NM 88311-0515

Dear Mr. Rabon:

Enclosed is your copy of Well Record under Permit No. T-3062, which has been accepted for filing subject to the conditions as noted on your permit.

Proof of Completion of Well shall be filed in this office as soon as possible after installation of pumping equipment, but no later than April 30, 2001.

Proof of Application of Water to Beneficial Use shall be filed on or before April 30, 2001.

Your rights under this permit will expire on April 30, 2001, unless said proofs are filed or an Application for Extension of Time is received on or before that date.

Please advise this office of any change in mailing address that may occur in the future. If the property is ever sold, a change of ownership for the well must be filed first at the State Engineer Office and recorded at the county clerk's office, in the county in which the well was drilled, in accordance with state law.

Sincerely,

J. B. Nixon
Supervisor, District 4

JBN:raj
Enc: Well Record
cc: State Engineer
STATE ENGINEER OFFICE
WELL RECORD

Section 1. GENERAL INFORMATION

(A) Owner of well: MESA VERDE
Street or Post Office Address: PO BOX 907
City and State: ALAMOGORDO, NM 88310
Owner's Well No.: 437-2995

Well was drilled under Permit No. T-03909 and is located in the:

a. SW ¼ SE ¼ ¼ of Section 28, Township 16S, Range 9E, N.M.P.M.

b. Tract No. of Map No. of the

Tract No. of Block No. of the
Subdivision, recorded in OTERO County.

C. Lot No. feet, Y= feet, N.M. Coordinate System Zone in
the Grant.

(B) Drilling Contractor: STATEWIDE DRILLING, INC.
Address: PO BOX 458 LA LUZ, NM 88337
License No. WD-601

Drilling Began 06/19/01 Completed 06/20/01 Type tools AIR ROTARY Size of hole 8 in.
Elevation of land surface or at well is ft. Total depth of well 140 ft.
Completed well is ☑ shallow ☐ artesian. Depth to water upon completion of well 36 ft.

Section 2. PRINCIPAL WATER-BEARING STRATA

<table>
<thead>
<tr>
<th>Depth in Feet</th>
<th>Thickness in Feet</th>
<th>Description of Water-Bearing Formation</th>
<th>Estimated Yield (gallons per minute)</th>
</tr>
</thead>
<tbody>
<tr>
<td>75</td>
<td>5</td>
<td>sand</td>
<td>5</td>
</tr>
<tr>
<td>90</td>
<td>10</td>
<td>sand</td>
<td>30</td>
</tr>
</tbody>
</table>

Section 3. RECORD OF CASING

<table>
<thead>
<tr>
<th>Diameter (inches)</th>
<th>Pounds per foot</th>
<th>Threads per in.</th>
<th>Depth in Feet</th>
<th>Length (feet)</th>
<th>Type of Shoe</th>
<th>Perforations</th>
</tr>
</thead>
<tbody>
<tr>
<td>5</td>
<td>PVC</td>
<td></td>
<td>0</td>
<td>140</td>
<td></td>
<td>80 140</td>
</tr>
</tbody>
</table>

Section 4. RECORD OF MUDDING AND CEMENTING

<table>
<thead>
<tr>
<th>Depth in Feet</th>
<th>Hole Diameter</th>
<th>Sacks of Mud</th>
<th>Cubic Feet of Cement</th>
<th>Method of Placement</th>
</tr>
</thead>
</table>

Section 5. PLUGGING RECORD

Plugging Contractor
Address
Plugging Method
Date Well Plugged
Plugging approved by:

' State Engineer Representative

FOR USE OF STATE ENGINEER ONLY

Date Recorded: JULY 2, 2001
Quad: FWL: FSL
File Record: T-03909 LIVESTOCK Location No. 16S.09E.28.443
<table>
<thead>
<tr>
<th>Depth in Feet</th>
<th>Thickness in Feet</th>
<th>Color and Type of Material Encountered</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>160</td>
<td>Red clay &amp; sand</td>
</tr>
</tbody>
</table>

Section 7. REMARKS AND ADDITIONAL INFORMATION

Four yards of 3/8" gravel for gravel pack.

The undersigned hereby certifies that, to the best of his knowledge and belief, the foregoing is a true and correct record of the above described hole.

Driller

INSTRUCTIONS: This form should be executed in triplicate, preferably typewritten, and submitted to the appropriate district office of the State Engineer. All sections, except Section 5, shall be answered as completely and accurately as possible when any well is drilled, repaired or deepened. When this form is used as a unplugging record, only Section 1 and Section 5 need be completed.
Greetings:

Enclosed is your copy of the well record for the above numbered permit, which has been accepted for filing.

Sincerely,

David Bernardone
(505)524-6161

Enclosure
cc: Santa Fe Office

wellrrcv
STATE ENGINEER OFFICE
WELL RECORD

Section 1. GENERAL INFORMATION

(A) Owner of well HARVEY HEREFORD RANCH A.P.W. LEd. Co. Owner's Well No. 65 H/7 1/4
Street or Post Office Address 470 LA LUZ GATE ROAD
City and State ALAMOADO, NM 88310

Well was drilled under Permit No. T-146 and is located in the:

a. SE ½ NW ½ SE ½ SE ¼ of Section 17 Township 16S Range 9W

b. Tract No. of Map No. of the

c. Lot No. of Block No. of the Subdivision, recorded in COUNTY

d. X = feet, Y = feet, N.M. Coordinate System Grant.

(B) Drilling Contractor Statewide Drilling, Inc. License No. WD-601

Address P. O. Box 458
La Luz, NM 88337

Drilling Begun 06/28/95 Completed 06/28/95 Type tool AIR ROTARY Size of hole 8 in.

Elevation of land surface or at well is ft. Total depth of well 110 ft.

Completed well is shallow artesian. Depth to water upon completion of well 60 ft.

Section 2. PRINCIPAL WATER-BEARING STRATA

<table>
<thead>
<tr>
<th>Depth in Feet</th>
<th>Thickness in Feet</th>
<th>Description of Water-Bearing Formation</th>
<th>Estimated Yield (gallons per minute)</th>
</tr>
</thead>
<tbody>
<tr>
<td>From</td>
<td>To</td>
<td></td>
<td></td>
</tr>
<tr>
<td>25</td>
<td>30</td>
<td>RED SAND</td>
<td>10</td>
</tr>
<tr>
<td>88</td>
<td>95</td>
<td>RED SAND</td>
<td>15</td>
</tr>
</tbody>
</table>

Section 3. RECORD OF CASING

<table>
<thead>
<tr>
<th>Diameter (inches)</th>
<th>Pounds per foot</th>
<th>Threads per in.</th>
<th>Depth in Feet</th>
<th>Type of Shoe</th>
<th>Perforations From</th>
<th>To</th>
</tr>
</thead>
<tbody>
<tr>
<td>5</td>
<td>PVC</td>
<td></td>
<td>0</td>
<td>110</td>
<td>110</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>STEEL</td>
<td>+1</td>
<td>3</td>
<td>4</td>
<td>70</td>
<td>110</td>
</tr>
</tbody>
</table>

Section 4. RECORD OF MUDDING AND CEMENTING

<table>
<thead>
<tr>
<th>Depth in Feet</th>
<th>Hole Diameter</th>
<th>Sacks of Mud</th>
<th>Cubic Feet of Cement</th>
<th>Method of Placement</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Section 5. PLUGGING RECORD

Plugging Contractor

Address

Plugging Method

Date Well Plugged

Plugging approved by:

State Engineer Representative

Date Received July 14, 1995

Quad FWL FSL

File No. T-146 Use CLOW Location No. 168.9B.17.434

FOR USE OF STATE ENGINEER ONLY
### Section 6. LOG OF HOLE

<table>
<thead>
<tr>
<th>From</th>
<th>To</th>
<th>Thickness in Feet</th>
<th>Color and Type of Material Encountered</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>3</td>
<td>3</td>
<td>CALICHE</td>
</tr>
<tr>
<td>3</td>
<td>25</td>
<td>22</td>
<td>RED SANDY CLAY</td>
</tr>
<tr>
<td>25</td>
<td>30</td>
<td>5</td>
<td>RED SAND</td>
</tr>
<tr>
<td>30</td>
<td>70</td>
<td>40</td>
<td>RED CLAY</td>
</tr>
<tr>
<td>70</td>
<td>88</td>
<td>18</td>
<td>WHITE CLAY</td>
</tr>
<tr>
<td>88</td>
<td>95</td>
<td>7</td>
<td>RED SAND</td>
</tr>
<tr>
<td>95</td>
<td>110</td>
<td>15</td>
<td>RED CLAY</td>
</tr>
</tbody>
</table>

### Section 7. REMARKS AND ADDITIONAL INFORMATION

TWO YARDS OF 3/8" GRAVEL FOR GRAVEL PACK.

The undersigned hereby certifies that, to the best of his knowledge and belief, the foregoing is a true and correct record of the above described hole.

[Signature]

**INSTRUCTIONS:** This form should be executed in duplicate, preferably typewritten, and submitted to the appropriate district office of the State Engineer. All sections, except Section 5, shall be answered as completely and accurately as possible when any well is drilled, repaired or deepened. When this form is used as a plugging record, only Section 1 and Section 3 need be completed.
STATE ENGINEER OFFICE
WELL RECORD

TRN142631

Revised June 1972

Section 1. GENERAL INFORMATION

(A) Owner of well ____________________________________________________________________________
AMERICAN LEGION POST #34 INC.  Owner’s Well No. ____________________
Street or Post Office Address BOX 76
City and State ALAMOGORDO, NM 88310

Well was drilled under Permit No. ___________________________________________________________________
T-03245 and is located in the:

a. __________ ¼ NE ¼ NE ¼ ___________ of Section ___________ Township ___________ Range ___________ N.M.P.M.

b. __________ Tract No. ___________ of Map No. ___________ of the ________________________________

c. __________ Lot No. ___________ of Block No. ___________ of the Subdivision, recorded in ___________ County.

(d. X= __________, Y= ___________ feet, N.M. Coordinate System ___________ Zone in the ___________

(B) Drilling Contractor ____________________________________________________________
Statewide Drilling, Inc.  Lic. No. ___________ WD-601
P. O. Box 455  La Luz, NM 88337

Drilling Begun ___________ 12/17/97 ___________ Completed ___________ 12/18/97 ___________
Type tools ____________________________________________________________________________
Size of hole ___________ 8 ___________ in.

Elevation of land surface or ___________ at well is ___________ ft. Total depth of well ___________ ft.

Completed well is ☐ shallow ☐ artesian. Depth to water upon completion of well ___________ ft.

Section 2. PRINCIPAL WATER-BEARING STRATA

<table>
<thead>
<tr>
<th>Depth in Feet</th>
<th>Thickness in Feet</th>
<th>Description of Water-Bearing Formation</th>
<th>Estimated Yield (gallons per minute)</th>
</tr>
</thead>
<tbody>
<tr>
<td>From 90</td>
<td>To 95</td>
<td>5 red sand</td>
<td>5</td>
</tr>
<tr>
<td></td>
<td></td>
<td>105 sand &amp; gravel</td>
<td>35</td>
</tr>
</tbody>
</table>

Section 3. RECORD OF CASING

<table>
<thead>
<tr>
<th>Diameter (inches)</th>
<th>Pounds per foot</th>
<th>Threads per in.</th>
<th>Depth in Feet</th>
<th>Length (feet)</th>
<th>Type of Shoe</th>
<th>Perforations</th>
</tr>
</thead>
<tbody>
<tr>
<td>5</td>
<td>PVC</td>
<td>0 190</td>
<td>190</td>
<td>170 190</td>
<td></td>
<td>130 150</td>
</tr>
<tr>
<td>6</td>
<td>STEEL +1</td>
<td>2 3</td>
<td></td>
<td>90 110</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Section 4. RECORD OF MUDDING AND CEMENTING

<table>
<thead>
<tr>
<th>Depth in Feet</th>
<th>Hole Diameter</th>
<th>Sacks of Mud</th>
<th>Cubic Feet of Cement</th>
<th>Method of Placement</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>52</td>
<td>1</td>
<td>0</td>
<td>8</td>
</tr>
</tbody>
</table>

Section 5. PLUGGING RECORD

<table>
<thead>
<tr>
<th>Date Plugged</th>
<th>Plugging Contractor</th>
<th>Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>2/3/94</td>
<td>B. A. REED</td>
<td>B. A. REED</td>
</tr>
</tbody>
</table>

FOR USE OF STATE ENGINEER ONLY

Date Received January 22, 1998
Quad FWL FSL

File No. T-03245 User Drinking & Sanitary 16S.9E.15.224
<table>
<thead>
<tr>
<th>Depth in Feet</th>
<th>Thickness in Feet</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>90</td>
</tr>
<tr>
<td>90</td>
<td>105</td>
</tr>
<tr>
<td>95</td>
<td>120</td>
</tr>
<tr>
<td>105</td>
<td>120</td>
</tr>
<tr>
<td>120</td>
<td>160</td>
</tr>
<tr>
<td>160</td>
<td>165</td>
</tr>
<tr>
<td>120</td>
<td>160</td>
</tr>
<tr>
<td>160</td>
<td>165</td>
</tr>
</tbody>
</table>

Section 5, LOG OF HOLE

3 1/2 yards of 1/2" gravel for gravel pack.

Section 7, REMARKS AND ADDITIONAL INFORMATION

The undersigned hereby certifies that, to the best of his knowledge and belief, the foregoing is a true and correct record of the above described hole.

[Signature]

INSTRUCTIONS: This form should be executed in triplets, preferably typewritten, and submitted to the appropriate district office of the State Engineer. All sections, except Section 5, shall be answered as completely and accurately as possible; when any well is drilled, restated, or deepened, when the form is used as a plugging record, only Sections 1 to 4 need be completed.
RICHARD R. LEE, VICE-COM.
AMERICAN LEGION POST #34, INC.
BOX 76
ALAMOGORDO, NM 88310

Greetings:

The well driller’s record for the above numbered well has been received in this office indicating your well has been completed.

Your permit was granted with the condition that a meter be installed and meter readings submitted to this office. A copy of your permit is enclosed for your information.

Per Condition 5B, please advise this office within 30 days, on the attached form, of the make, model, serial number, date of installation, and initial reading of the meter prior to appropriation of the water.

If you have any questions, please feel free to contact us.

Sincerely,

Tom Valverde,
Tularosa Basin Supervisor

Enclosure

c: Santa Fe Office

wellcon5
**STATE ENGINEER OFFICE**

**WELL RECORD**

Section 1. GENERAL INFORMATION

(A) Owner of well: **DAVE WOFFORD**
Owner's Well No.
Street or Post Office Address: PO BOX 1322
City and State: ALAMOGORDO, NM 88310

Well was drilled under Permit No. T-1167 and is located in the

a. ¼ SE ¼ SE ¼ SE ¼ of Section 9

   Town: 16N R: 3E Range: 98N M.P.M.

b. Tract No. ______ of Map No. ______ of the ______

c. Lot No. ______ of Block No. ______ of the ______

   Subdivision, recorded in ______ County

d. X= ______ feet, Y= ______ feet, N M. Coordinate System ______ Zone in
   the ______ County

   Grant.

(B) Drilling Contractor: **WESLEY W. WEAHUNT**
License No. WD-630
Address: PO BOX 905
BOOKOUT NORTHWEST
TULAOSA, NM 88352

Drilling Began 8/22/85
Completed 8/23/85
Type tools: ROTARY
Size of hole: 8 in.

Elevation of land surface or at well is: ______ ft. Total depth of well: ______ ft.
Completed well is [ ] shallow [ ] artesian.

Depth to water upon completion of well: ______ ft.

---

Section 2. PRINCIPAL WATER-BEARING STRATA

<table>
<thead>
<tr>
<th>Depth in Feet</th>
<th>Thickness in Feet</th>
<th>Description of Water-Bearing Formation</th>
<th>Estimated Yield (gallons per minute)</th>
</tr>
</thead>
<tbody>
<tr>
<td>From 134</td>
<td>To 135</td>
<td>1</td>
<td>30</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>SMALL GRAVEL</strong></td>
<td></td>
</tr>
</tbody>
</table>

Section 3. RECORD OF CASING

<table>
<thead>
<tr>
<th>Diameter (inches)</th>
<th>Pounds per foot</th>
<th>Threads per in.</th>
<th>Depth in Feet</th>
<th>Length (feet)</th>
<th>Type of Shoe</th>
<th>Perforations</th>
</tr>
</thead>
<tbody>
<tr>
<td>4 1/2</td>
<td>SCHEDULE 40</td>
<td>0</td>
<td>0</td>
<td>170</td>
<td>none</td>
<td>90</td>
</tr>
</tbody>
</table>

Section 4. RECORD OF MUDDING AND CEMENTING

<table>
<thead>
<tr>
<th>Depth in Feet</th>
<th>Hole Diameter</th>
<th>Sacks of Mud</th>
<th>Cubic Feet of Cement</th>
<th>Method of Placement</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Section 5. PLUGGING RECORD

<table>
<thead>
<tr>
<th>No.</th>
<th>Depth in Feet</th>
<th>Cubic Feet of Cement</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Top</td>
<td>Bottom</td>
</tr>
<tr>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Plugging Contractor
Address
Plugging Method
Date Well Plugged
Plugging approved by

State Engineer Representative

---

Date Received: **August 29, 1985**

FOR USE OF STATE ENGINEER ONLY

File No. T-1167
Quad FWL FSL
Stock 165.9E 9.444
Location No. **165.9E 9.444**
<table>
<thead>
<tr>
<th>Depth in Feet</th>
<th>Thickness in Feet</th>
<th>Color and Type of Material Encountered</th>
</tr>
</thead>
<tbody>
<tr>
<td>From 0</td>
<td></td>
<td>68, RED CLAY SANDER, .18, CALCHE CLAY SANDER, 86, RED CLAY SANDER, 135, SMALL GRAVEL, 120, RED CLAY SANDER</td>
</tr>
</tbody>
</table>

### Section 7: Remarks and Additional Information

The undersigned hereby certifies that, to the best of his knowledge and belief, the foregoing is a true and correct record of the above described hole.

[Signature]

INSTRUCTIONS: This form should be used in duplicate, preferably typewritten and submitted to the appropriate district office of the State Engineer. All sections of this form are required. Section 5 shall be answered in writing only when new wells are drilled, repaired or deepened. When this form is used as a preliminary record, only Section 1(a) and Section 5 need be completed.
STATE OF NEW MEXICO
STATE ENGINEER OFFICE
LAS CRUCES

September 9, 1985

FILE: T-1167

Mr. Dave Wofford
P.O. Box 1322
Alamogordo, NM 88310

Dear Mr. Wofford:

Enclosed is your copy of the Well Record for your Livestock Well # T-1167, which has been accepted for filing subject to the conditions as noted on your permit.

Your attention is called to the reverse side of your Permit to all General Conditions and to Specific Condition No. 4, which states as follows:

4. Use shall be limited to one household, non-commercial trees, lawn and garden not to exceed one acre and/or stock use.

This is the final filing under Livestock Well Permit # T-1167.

Sincerely,

G. Guaderrama, Jr.
W.R. Specialist
District III, Sub-Office

GG:cjt
Encl: Well Record
cc: State Engineer
STATE ENGINEER OFFICE
WELL RECORD

Section 1. GENERAL INFORMATION

(A) Owner of well: Theresa El Bendary
Street or Post Office Address: 1525 Mariposa
City and State: Las Cruces, NM 88001

Well was drilled under Permit No.: T-531 and is located in the

a. SW 1/4 NE 1/4 SW 1/4 of Section 17 Township: SANT FE, N.M. Range: 13E N.M.P.M.
b. Tract No.

c. Lot No. 1 of Block No. 1 of the
Subdivision, recorded in Lincoln County.
d. X=_________ feet, Y=_________ feet, N.M. Coordinate System: __________ Zone in
the __________ County.

(B) Drilling Contractor: Reamy Drilling, Inc.
License No.: WD-719
Address: Box 670, Capitan, NM 88316

Drilling Began: 2-18-83 Completed: 2-18-83 Type of Drill: Rotary Size of Hole: 60 in.
Elevation of land surface or at well is __________ ft. Total depth of well: 116 ft.
Completed well is X shallow. Depth to water upon completion of well: 92 ft.

Section 2. PRINCIPAL WATER-BEARING STRATA

<table>
<thead>
<tr>
<th>Depth in Feet</th>
<th>Thickness in Feet</th>
<th>Description of Water-Bearing Formation</th>
<th>Estimated Yield (gallons per minute)</th>
</tr>
</thead>
<tbody>
<tr>
<td>From</td>
<td>To</td>
<td></td>
<td></td>
</tr>
<tr>
<td>100</td>
<td>104</td>
<td>4</td>
<td>Green &amp; Pink Basalt</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Section 3. RECORD OF CASING

<table>
<thead>
<tr>
<th>Diameter (inches)</th>
<th>Pounds per foot</th>
<th>Threads per m</th>
<th>Depth in Feet</th>
<th>Length (feet)</th>
<th>Type of Shoe</th>
<th>Perforations</th>
</tr>
</thead>
<tbody>
<tr>
<td>4% PVC</td>
<td>12.92</td>
<td>1</td>
<td>Top: 1</td>
<td>Bottom: 116</td>
<td>317</td>
<td>86</td>
</tr>
</tbody>
</table>

Section 4. RECORD OF MUDGING AND CEMENTING

<table>
<thead>
<tr>
<th>Depth in Feet</th>
<th>Hole Diameter</th>
<th>Sacks of Mud</th>
<th>Cubic Feet of Cement</th>
<th>Method of Placement</th>
</tr>
</thead>
<tbody>
<tr>
<td>From</td>
<td>To</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Section 5. PLUGGING RECORD

<table>
<thead>
<tr>
<th>No</th>
<th>Depth in Feet</th>
<th>Cubic Feet of Cement</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Top</td>
<td>Bottom</td>
</tr>
<tr>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

FOR USE OF STATE ENGINEER ONLY

Date Received: February 24, 1983
Quad: FWL, FSL
File No.: T-531
Use: Domestic
Location No.: 9.13E, 17.32
and Stock
### Section 6. LOG OF HOLE

<table>
<thead>
<tr>
<th>Depth in Feet</th>
<th>Thickness in Feet</th>
<th>Color and Type of Material Encountered</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>100</td>
<td>Tan Clay, Boulders, and Gravel</td>
</tr>
<tr>
<td>100</td>
<td>116</td>
<td>Green and Pink Basalt</td>
</tr>
</tbody>
</table>

---

### Section 7. REMARKS AND ADDITIONAL INFORMATION

The undersigned hereby certifies that, to the best of his knowledge and belief, the foregoing is a true and correct record of the above described hole.

[Signature]

Kenneth W. Reamy
Driller

---

INSTRUCTIONS. This form should be executed in triplicate, preferably typewritten, and submitted to the appropriate district office of the State Engineer. All sections, except Section 5, shall be answered as completely and accurately as possible when any well is drilled, repaired, or deepened. When this form is used as a plugging record, only Section 1(a) and Section 5 need be completed.
FILE: T-531

Ms. Theresa ElBendary
1525 Mariposa
Las Cruces, New Mexico 88001

Dear Ms. ElBendary:

Enclosed is your copy of the well record for your domestic and stock well No. T-531, which has been accepted for filing.

This is the final filing under Domestic and Stock Well Permit No. T-531.

Yours truly,

\[Signature\]

L. T. Putnam
Supervisor, District III

LTP:sfs
Encl: Well Record
cc: State Engineer
STATE ENGINEER OFFICE
WELL RECORD

Section 1. GENERAL INFORMATION

(A) Owner of well: Richard Thorp
Owner's Well No: ____________________

Well was drilled under Permit No: T-1111 and is located in the:


b. Tract No: ____________________ of Map No: ____________________ of the _______.

c. Lot No: ____________________ of Block No: ____________________ of the _______.

Subdivision, recorded in Lincoln County, Grant.

d. X= ________ feet, Y= ________ feet, N.M. Coordinate System: __________ Zaps in: ________ Grant.

(B) Drilling Contractor: Reavy Drilling, Inc.
License No: WD-719

Address: Box 670, Capitan, NM 88316

Drilling Began: 5-20-85 Completed: 5-20-85 Type tools: Rotary Size of hole: 6" ft.

Elevation of land surface or: ________ at well is: ________ ft. Total depth of well: ________ ft.

Completed well: ________ well: ________ ft. Depth to water upon completion of well: ________ ft.

Section 2. PRINCIPAL WATER-BEARING STRATA

<table>
<thead>
<tr>
<th>Depth in Feet</th>
<th>Thickness in Feet</th>
<th>Description of Water-Bearing Formation</th>
<th>Estimated Yield (gallons per minute)</th>
</tr>
</thead>
<tbody>
<tr>
<td>120-121</td>
<td>1</td>
<td>Tan Gravely Clay</td>
<td>10</td>
</tr>
<tr>
<td>130-134</td>
<td>4</td>
<td>Tan Basalt</td>
<td>3</td>
</tr>
</tbody>
</table>

Section 3. RECORD OF CASING

<table>
<thead>
<tr>
<th>Diameter (inches)</th>
<th>Pounds per foot</th>
<th>Threads per in</th>
<th>Depth in Feet</th>
<th>Length (feet)</th>
<th>Type of Shoe</th>
<th>Perforations</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 1/2</td>
<td>70</td>
<td>44</td>
<td>1 1/4</td>
<td>11/4</td>
<td>100-140</td>
<td></td>
</tr>
</tbody>
</table>

Section 4. RECORD OF MUDDING AND CEMENTING

<table>
<thead>
<tr>
<th>Depth in Feet</th>
<th>Hole Diameter</th>
<th>Sacks of Mud</th>
<th>Cubic Feet of Cement</th>
<th>Method of Placement</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Section 5. PLUGGING RECORD

Plugging Contractor: ____________________
Address: ____________________

Plugging Method: ____________________
Date Well Plugged: ____________________

Plugging approved by: ____________________ State Engineer Representative: ____________________

FOR USE OF STATE ENGINEER ONLY

Date Received: May 31, 1985
File No: T-1111
Use Dom/Stock: ____________________ Location No: 98.13E.17.32B3/4W
<table>
<thead>
<tr>
<th>Depth in Feet</th>
<th>Thickness in Feet</th>
<th>Color and Type of Material Encountered</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>2</td>
<td>Brown Clay</td>
</tr>
<tr>
<td>2</td>
<td>130</td>
<td>Tan Gravely Clay</td>
</tr>
<tr>
<td>130</td>
<td>134</td>
<td>Tan Basalt</td>
</tr>
<tr>
<td>134</td>
<td>139</td>
<td>Green Basalt</td>
</tr>
<tr>
<td>139</td>
<td>140</td>
<td>Tan Basalt</td>
</tr>
</tbody>
</table>

Section 7. REMARKS AND ADDITIONAL INFORMATION

The undersigned hereby certifies that, to the best of his knowledge and belief, the foregoing is a true and correct record of the above described hole.

Kenneth W. Remington
Driller

INSTRUCTIONS: This form should be executed in triplicate, preferably typewritten, and submitted to the appropriate district office of the State Engineer. All sections, except section 2, shall be answered as completely and accurately as possible when any well is drilled, repaired or deepened. When this form is used as a plugging record, only section 1(a) and section 5 need be completed.
May 31, 1985

FILE: T-1111

Mr. Richard Thorp
P.O. Box 5881
Roswell, New Mexico 88201

Dear Mr. Thorp:

Enclosed is your copy of the Well Record for your Domestic Well No. T-1111, which has been accepted for filing subject to the conditions as noted thereon.

Your attention is called to the reverse side of your Permit to all General Conditions and to Specific Condition No. 4, which states as follows:

4. Use shall be limited to one household, non-commercial trees, lawn and garden not to exceed one acre and/or stock use.

This is the final filing under Domestic Well Permit No. T-1111.

Sincerely,

G. Guaderrama, Jr.
W.R. Specialist
District III, Sub-Office

GG: cj
Encl: Well Record
cc: State Engineer
STATE ENGINEER OFFICE
WELL RECORD

Section 1. GENERAL INFORMATION

(A) Owner of well: Richard Thorne
Owner's Well No.: T-01111
Street or Post Office Address: 10617 Bay
City and State: Hugo, NM

Well was drilled under Permit No. TRN 072232 and is located in the:

a. ¼ ¼ NE ¼ SW ¼ of Section 17 Township 9S Range 13E N.M.P.N.

b. Tract No. of Map No. of the

c. Lot No. of Block No. of the Subdivision, recorded in

Subdivision, recorded in

d. X= feet, Y= feet, N.M. Coordinate System Zone in

Grant.

(B) Drilling Contractor: Ed Brown
License No.: 1557
Address: 2814 Sudderth P.M. 325, Roswell, NM 88244

Drilling Began: 8-10-03 Completed: 9-20-03 Type tools: 4 x 4 Rod Type of shoe: 6-3/4 in.

Size of hole: 6-3/4 in.

Elevation of land surface or at well site: 7040 ft. Total depth of well: 200 ft.

Completed well is [ ] shallow [ ] artesian

Depth to water upon completion of well: 100 ft.

Section 2. PRINCIPAL WATER-BEARING STRATA

<table>
<thead>
<tr>
<th>Depth in Feet</th>
<th>Thickness in Feet</th>
<th>Description of Water-Bearing Formation</th>
<th>Estimated Yield (gallons per minute)</th>
</tr>
</thead>
<tbody>
<tr>
<td>From</td>
<td>To</td>
<td>160</td>
<td>200</td>
</tr>
</tbody>
</table>

Section 3. RECORD OF CASING

<table>
<thead>
<tr>
<th>Diameter (inches)</th>
<th>Pounds per foot</th>
<th>Threads per in.</th>
<th>Depth in Feet</th>
<th>Length (feet)</th>
<th>Type of Shoe</th>
<th>Perforations</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.156</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Section 4. RECORD OF MUDDING AND CEMENTING

<table>
<thead>
<tr>
<th>Depth in Feet</th>
<th>Hole Diameter</th>
<th>Sacks of Mud</th>
<th>Cubic Feet of Cement</th>
<th>Method of Placement</th>
</tr>
</thead>
</table>

Section 5. PLUGGING RECORD

Plugging Contractor
Address
Plugging Method
Date Well Plugged
Plugging approved by:
State Engineer Representative

October 31, 2003
T-01111

FOR USE OF STATE ENGINEER ONLY 09S.13E.17.32
09S.13E.17.32

File No. Use Location No.

Quad FWL

TRN272732
<table>
<thead>
<tr>
<th>Depth in Feet</th>
<th>Thickness in Feet</th>
<th>Color and Type of Material Encountered</th>
</tr>
</thead>
<tbody>
<tr>
<td>Existing Well</td>
<td>0 - 140 140'</td>
<td></td>
</tr>
<tr>
<td>140 - 180</td>
<td>40</td>
<td>Gray Shale</td>
</tr>
<tr>
<td>180 - 200</td>
<td>20</td>
<td>Black Shale</td>
</tr>
</tbody>
</table>
RICHARD THORP  
MC 67 BOX 1  
ROSWELL, NM  88341

Greetings:

Enclosed is your copy of the well record for the above numbered permit, which has been accepted for filing.

Sincerely,

[Signature]

Susan Benoit  
(505) 524-6161

Enclosure  
Cc: Santa Fe Office

wellrrev
1. OWNER OF WELL

Name: Sandra Hartley
Contact:
Address: HC 67 box 2
City: Nogal

Work Phone:
Home Phone: 505-354-1041
State: NM
Zip: 88341

2. LOCATION OF WELL (A, B, C, or D REQUIRED, E or F if known)

A. SE 1/4 SE 1/4 1/4 Section: 18 Township: 9S Range: 13E N.M.P.M in Lincoln county.

B. x = ______ feet, Y = ______ feet, N.M. Coordinate System zone in the Grant U.S.G.S Quad Map ______.

C. Latitude: ______ d ______ m ______ s Longitude: ______ d ______ m ______ s

D. East ______ (m), North ______ (m), UTM Zone 13, NAD ______ (72 or 83)

E. Tract No. ______, Map No. ______ of the ______ Hydrographic Survey

F. Lot No. ______, Block No. ______ of Unit/Tract ______ ______ Subdivision recorded in Lincoln county.

G. Other: __________________________________________

H. Give State Engineer File Number if existing well: _______________________

I. On land owned by (required): SANDY HARTLEY.

3. DRILLING CONTRACTOR

License Number: WD-1537
Name: CHAD HARVEY
Agent:
Mailing Address: PO BOX 7933
City: RUIDOSO State: NM Zip: 88355

Work Phone: 505-336-1876
Home Phone: 505-336-1876

4. DRILLING RECORD

Drilling began: 07/27/04 Completed: 07/27/04 Type tools: ROTARY

Size of hole: 6 1/8 in.; Total depth of well: 130 ft.;
Completed well is: SHALLOW (shallow, artesian);
Depth to water upon completion of well: 90 ft.

File Number: H-03618 Trn Number: 310173
Form: wr-01

page 1 of 4

9.13.18 44

✓
NEW MEXICO OFFICE OF THE STATE ENGINEER
WELL RECORD

5. PRINCIPAL WATER-BEARING STRATA

<table>
<thead>
<tr>
<th>Depth in Feet</th>
<th>Thickness in feet</th>
<th>Description of water-bearing formation</th>
<th>Estimated Yield (GPM)</th>
</tr>
</thead>
<tbody>
<tr>
<td>From 105</td>
<td>To 115</td>
<td>fractured brown limestone</td>
<td>25</td>
</tr>
</tbody>
</table>

6. RECORD OF CASING

<table>
<thead>
<tr>
<th>Diameter (inches)</th>
<th>Pounds per ft.</th>
<th>Threads per in.</th>
<th>Depth in Feet</th>
<th>Length (feet)</th>
<th>Type of Shoe</th>
<th>Perforations From To</th>
</tr>
</thead>
<tbody>
<tr>
<td>4 1/2</td>
<td>pvc</td>
<td>pvc</td>
<td>Top 0</td>
<td>Bottom 130</td>
<td>n/a</td>
<td>90 130</td>
</tr>
</tbody>
</table>

7. RECORD OF MUDDING AND CEMENTING

<table>
<thead>
<tr>
<th>Depth in Feet</th>
<th>Hole Diameter</th>
<th>Sacks of mud</th>
<th>Cubic Feet of cement</th>
<th>Method of Placement</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
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<td></td>
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<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

8. PLUGGING RECORD

Plugging Contractor:
Address:
Plugging Method:
Date Well Plugged:
Plugging approved by: STATE ENGINEER REPRESENTATIVE

<table>
<thead>
<tr>
<th>No.</th>
<th>Depth in feet</th>
<th>Cubic Feet of Cement</th>
</tr>
</thead>
<tbody>
<tr>
<td>Top</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bottom</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>5.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
NEW MEXICO OFFICE OF THE STATE ENGINEER
WELL RECORD

9. LOG OF HOLE

<table>
<thead>
<tr>
<th>DEPTH IN FEET</th>
<th>THICKNESS IN FEET</th>
<th>COLOR AND TYPE OF MATERIAL ENCOUNTERED</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>4</td>
<td>top soil</td>
</tr>
<tr>
<td>4</td>
<td>12</td>
<td>brown clay</td>
</tr>
<tr>
<td>12</td>
<td>23</td>
<td>decomposed limestone</td>
</tr>
<tr>
<td>23</td>
<td>60</td>
<td>blue limestone</td>
</tr>
<tr>
<td>60</td>
<td>85</td>
<td>black shale</td>
</tr>
<tr>
<td>85</td>
<td>95</td>
<td>brown limestone</td>
</tr>
<tr>
<td>95</td>
<td>105</td>
<td>limestone conglomerate</td>
</tr>
<tr>
<td>105</td>
<td>115</td>
<td>fractured brown limestone</td>
</tr>
<tr>
<td>115</td>
<td>130</td>
<td>black basalt</td>
</tr>
</tbody>
</table>

File Number: H-03618

Trn Number: 310173

Page 3 of 4
NEW MEXICO OFFICE OF THE STATE ENGINEER
WELL RECORD

10. ADDITIONAL STATEMENTS OR EXPLANATIONS:

The undersigned hereby certifies that, to the best of his knowledge and belief, the foregoing is a true and correct record of the above described hole.

[Signature]
Driller
8/1/84
(mm/dd/year)

FOR STATE ENGINEER USE ONLY

Quad___; FWL___; FSL___; Use___; Location No._______
Declaration of Owner of Underground Water Right

Declaration No. T-969
Date received: June 18, 1984

STATEMENT

1. Name of Declarant: Jack R. and Sharon L. Hefker
Mailing Address: P.O. Box 137, Carrizozo, New Mexico
County of: Lincoln, State of New Mexico

2. Source of water supply: Shallow Water
(ground or shallow water aquifer)

3. Describe well location under one of the following subheadings:

   SW 1/4 NW 1/4 NW 1/4 Sec. 34 Twp 7 South Rge 10 East N.M.P.M. in Lincoln County,
   Zone in the Grant of New Mexico

   Tract No. of Map No. of the

   X = feet, Y = feet, N.M. Coordinate System

   On land owned by Jack R. and Sharon L. Hefker

4. Description of well: date drilled: August 1970
   Driller: Ham
   Depth: 100 feet
   Outside diameter of casing: 6 inches
   Original capacity: 105 gal. per min.
   Present capacity: 105 gal. per min.
   Pump type: Centrifugal and Shallow Well pumps
   Make type: power plant: Berkeley 2 H.P., Deming 3/4 H.P.
   Fractional or percentage interest claimed in well: 100%

5. Quantity of water appropriated and beneficially used: 2 per acre for Tree irrigation purposes
   (acre feet per acre) (acre feet per annum)

6. Acreage actually irrigated: 5 acres
   Location and described as follows: (describe only lands actually irrigated)

   Subdivision
   Sec. Twp. Range Acres Irrigated Owner
   1/4 1/4 1/4 34 75 105 5 Jack R. Hefker

   (Note: Location of well and acreage actually irrigated must be shown on plat on reverse side.)

7. Water was first applied to beneficial use: Oct. 1, 1970
   Month Day Year

8. Additional statements or explanations

   I, Jack R. Hefker, being first duly sworn upon my oath, do depose and say that the above is a full and complete statement prepared in accordance with the instructions on the reverse side of this form and submitted in evidence of ownership of a valid underground water right, that I have carefully read each and all of the items contained herein and that the same are true to the best of my knowledge and belief.

   Jack R. Hefker, declarant

   Subscribed and sworn to before me this 12th day of June, A.D. 1984
   My commission expires July 31, 1985
   Jack L. Cogdill, Notary Public

Filed

Under New Mexico Law a declaration is only a statement of declarant's claim. Acceptance for filing does not constitute approval or rejection of the claim.
Locate well and areas actually irrigated as accurately as possible on following plat:

| Section (s) | 24 | Township | 7 south | Range | 10 east | N.M.P.M.
|-------------|----|----------|---------|-------|---------|---------|

**INSTRUCTIONS**

Declaration shall be executed (preferably typewritten) in triplicate and must be accompanied by a $1.00 filing fee. Each of triplicate copies must be properly signed and attested.

A separate declaration must be filed for each well in use.

All blanks shall be filled out fully. Required information which cannot be sworn to by declarant shall be supplied by affidavit of person or persons familiar with the facts and shall be submitted herewith.

Sec. 1-3. Complete all blanks.

Sec. 4. Fill out all blanks applicable as fully as possible.

Sec. 5. Irrigation use shall be stated in acre feet of water per acre per year applied on the land. If used for domestic, municipal, or other purposes, state total quantity in acre feet used annually.

Sec. 6. Describe only the acreage actually irrigated. When necessary to clearly define irrigated acreages, describe to nearest 1/4 acre subdivision. If located on unsurveyed lands, describe by legal subdivision "as projected" from the nearest government survey corners, or describe by metes and bounds and tie survey to some permanent, easily-located natural object.

Sec. 7. Explain and give dates as nearly as possible of any years when all or part of acreage claimed was not irrigated.

Sec. 8. If well irrigates or supplies supplemental water to any other land than that described above, or if land is also irrigated from any other source, explain under this section. Give any other data necessary to fully describe water right.

If additional space is necessary, use a separate sheet or sheets and attach securely hereto.
STATE OF NEW MEXICO

STATE ENGINEER OFFICE

STATE ENGINEER OFFICE
August 30, 1984
SANTA FE, N.M. 87501

FILES:
T-969
T-970; T-970-S

Jack R. and Sharon L. Hefker
P. O. Box 131
Carrizozo, New Mexico  88301

Dear Mr. and Mrs. Hefker:

Enclosed are your copies of Declarations of Owner of Underground Water Right which have been accepted for filing and given the numbers T-969, T-970 and T-970-S.

Please refer to these numbers in all future correspondence concerning these Declarations.

Yours truly,

L. T. Putnam
Supervisor, District III

LTP:ms
Encl:  (3) Declarations
Field Check
cc:  State Engineer
FIELD CHECK REPORT

FILE NO. T-969
DATE FIELD CHECKED 11/1/90
OWNER Jack R. and Sharon
CHECKED BY S. Smith Strong
Hefker

REMARKS

TULAROSA BASIN

1.75 R.106 Sec.34 SE1/4 SE1/4 NW1/4 Unnamed Well T-969

Inspection was performed as part of a routine investigation of pre-
basin wells in the Carrizo area. Field investigation from 1984
indicated that 5 acres of lawn, trees and pasture were being irrigated.
Recent field investigation found no change, except that pasture is
fallow at present. Turbine pump has been removed and smaller submer-
sible has been installed. Still has two separate lines from the well.
An irrigation line pipes water to a 1500 gallon storage tank, and
smaller line supplies pressure tank for the residence, (see photo)
FIELD CHECK REPORT

FILE NO. T-967                         DATE FIELD CHECKED: Aug. 21, 1984
OWNER: Jack B. Helker                   FIELD CHECKED BY: R.D. Vesper
WELL LOCATION: NE2NW4 Sec. 34, Twp.15S, Rge. 10E SANTA FE, NM 87501
LAND LOCATION: Same

REMARKS: Field check disclosed the well to be located as declared but equipped with a turbine pump.
Approximately 5 acres of trees, lawn, pasture are being irrigated from this well.

Two (2) other wells were declared in Section 34 of Township 7 South, Range 10 East - one well is equipped a turbine pump and is located at an old mill site, the other well could not be located.

The two (2) wells in Section 34 are not supplemental to the irrigation well as reported by Mr. Helker.

Photos are awaiting film development.
8/21/84  Development under Declaration T-969 of the pasture being irrigated.

8/21/84  Wall No. T-969  Jack R. Hefker
8/21/84 Development under Declaration T-969 of the pasture being irrigated.

8/21/84 Well No. T-970  Jack R. Hefker
Well T-970-8 could not be found.

8/21/84 Well No. T-969  Jack R. Hefker
NEW MEXICO OFFICE OF THE STATE ENGINEER
WELL RECORD

1. OWNER OF WELL
   Name: Jack and Sharon Heftner
   Work Phone: ___________
   Contact: ______________________
   Home Phone: ___________
   Address: PO Box 131
   City: Carrizozo
   State: NM
   Zip: 88301

2. LOCATION OF WELL (A, B, C, or D required, E or F if known)
   A. _______ 1/4 NW _______ 1/4 NW _______ 1/4 Section: 34 Township: 7S Range: 10E
      N.M.P.M. in Lincoln County.
   B. X = __________ feet, Y = ________________ feet, N.M. Coordinate System
      Zone in the __________________________ Grant.
      U.S.G.S. Quad Map ________________
   C. Latitude: ______ d __ m __ s Longitude: ______ d __ m __ s
   D. East __________ (m), North __________ (m), UTM Zone 13, NAD __ (27 or 83)
   E. Tract No. _____, Map No. _____ of the __________________________ Hydrographic Survey
   F. Lot No. _____, Block No. _____ of Unit/Tract __________________________ of the
      __________________________ Subdivision recorded in __________________________ County.
   G. Other: ________________________________________________________________
   H. Give State Engineer File Number if existing well: _______________________
   I. On land owned by (required): Self

3. DRILLING CONTRACTOR
   License Number: WD-1453
   Name: Hydrotech Drilling
   Agent: Joseph or Kimberly Skaggs
   Mailing Address: 21 Prairie Trail
   City: Tularosa
   State: NM
   Zip: 88352
   Work Phone: (505) 585-7918
   Home Phone: (Same)

4. DRILLING RECORD
   Drilling begun: 2/21/2005; Completed: 2/21/2005; Type tools: Rotary Air;
   Size of hole: 7 7/8 in.; Total depth of well: 100 ft.; Completed well is: Shallow (shallow, artesian);
   Depth to water upon completion of well: 50 ft.

File Number: T-94770
Form: wr-20
Page: 1

T-4770
TRN-322178
5. PRINCIPAL WATER-BEARING STRATA

<table>
<thead>
<tr>
<th>Depth in Feet</th>
<th>Thickness in feet</th>
<th>Description of water-bearing formation</th>
<th>Estimated Yield (GPM)</th>
</tr>
</thead>
<tbody>
<tr>
<td>50</td>
<td>51</td>
<td>Fractured Limestone</td>
<td>20</td>
</tr>
<tr>
<td>80</td>
<td>82</td>
<td>Fractured Limestone Conglomerate</td>
<td>20</td>
</tr>
</tbody>
</table>

6. RECORD OF CASING

<table>
<thead>
<tr>
<th>Diameter (inches)</th>
<th>Pounds per ft.</th>
<th>Threads per in.</th>
<th>Depth Top in Feet</th>
<th>Depth Bottom in Feet</th>
<th>Length (feet)</th>
<th>Type of Shoe</th>
<th>Perforations From To</th>
</tr>
</thead>
<tbody>
<tr>
<td>5</td>
<td>PVC</td>
<td>PVC</td>
<td>0</td>
<td>100</td>
<td>100</td>
<td>PVC</td>
<td>60</td>
</tr>
</tbody>
</table>

7. RECORD OF MUDDING AND CEMENTING

<table>
<thead>
<tr>
<th>Depth in Feet From</th>
<th>Hole Diameter</th>
<th>Sacks of mud</th>
<th>Cubic Feet of Cement</th>
<th>Method of Placement</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

8. PLUGGING RECORD

Plugging Contractor: ____________________________________________________________
Address: ________________________________________________________________
Plugging Method: __________________________________________________________
Date Well Plugged: _______________________________________________________

Plugging approved by: _____________________________________________________
State Engineer Representative

<table>
<thead>
<tr>
<th>No.</th>
<th>Depth in Feet Top</th>
<th>Depth in Feet Bottom</th>
<th>Cubic Feet of Cement</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>4</td>
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<tr>
<td>5</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
9. LOG OF HOLE

<table>
<thead>
<tr>
<th>Depth in Feet</th>
<th>Thickness in feet</th>
<th>Color and Type of Material Encountered</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>20</td>
<td>Alluvial Fill</td>
</tr>
<tr>
<td>20</td>
<td>50</td>
<td>Yellow to Brown Limestone</td>
</tr>
<tr>
<td>50</td>
<td>51</td>
<td>Fractured Limestone</td>
</tr>
<tr>
<td>51</td>
<td>80</td>
<td>Grey to Brown Limestone</td>
</tr>
<tr>
<td>80</td>
<td>82</td>
<td>Fractured Limestone Conglomerate</td>
</tr>
<tr>
<td>82</td>
<td>100</td>
<td>Grey to Brown Limestone</td>
</tr>
</tbody>
</table>
The undersigned hereby certifies that, to the best of his knowledge and belief, the foregoing is a true and correct record of the above described hole.

Joe Slaggs 3-21-05
Driller

Quad ____; FWL ____; FSL ____; Use _________; Location No. ____________

April 15, 2005

File Number: T-4770
Form: wr-20

Tmn Number: 07S.10E.34

T-4770
JACK R. HEFKER  
BX 131  
CARRIZozo, NM  88301

Greetings:

Enclosed is your copy of the well record for the above numbered permit, which has been accepted for filing.

Sincerely,

[Signature]

Debbie Heredia  
(505) 524-6161

Enclosure  
cc: Santa Fe Office

wellrrcv
NEW MEXICO OFFICE OF THE STATE ENGINEER
PROOF OF COMPLETION OF WELL

1. OWNER OF WELL (PERMITTEE)
   Name: ANTHONY and PATSY SANCHEZ
   Contact: PO Box 637
   Address: CARRIZO, NM
   City: CARRIZO, NM
   State: NM
   Zip: 88301
   Work Phone: (505) 492-2222
   Home Phone: (505) 492-2222

2. LOCATION OF WELL ((A, B, C, or D required, E or F if known)
   A. NE 1/4 NW 1/4, NE 1/4 Section: 29 Township: 7S Range: 10E N.M.P.M. in LINCOLN County.
   B. X =__________ feet, Y =__________ feet, N.M. Coordinate System in the GRANT Zone.
   C. Latitude: ______d____m_____s Longitude: ______d____m_____s
   D. East ________ (m), North ________ (m), UTM Zone 13, NAD 83 (27 or 83)
   E. Tract No. ____, Map No. ____ of the ______________ Hydrographic Survey
   F. Lot No. ____ , Block No. ____ of Unit/Tract __________________ of the __________ Subdivision recorded in ______ County.
   G. Other: ______________________

3. WELL INFORMATION
   Depth of well 150 feet, Is well cased: Y
   Outside diameter of top casing (or hole if not cased) 5 inches;
   If artesian, is well equipped with gate valve: ___________
   Name of well driller and driller license number N M DRILLING INC.;
   Date well completed: 10/8/98.

November 7, 2003

File Number: TRN-220829
07S.10E.29.212
TRN220829
Form: well
page 1 of 3
File Number: TRN-220829
07S.10E.29.212
TRN220829
Form: well
page 1 of 3
NEW MEXICO OFFICE OF THE STATE ENGINEER
PROOF OF COMPLETION OF WELL

4. PUMP TEST
(To be supplied by person or firm making test)

Name and address of the person making the test: __________________________

Date of test _______; Length of test _______ hours;
Depth to water before test ______ feet (above or below) land surface;
Depth to water after test ______ feet (above or below) land surface;
Average discharge ______ GPM;
Specific capacity of well ______ GPM per foot drawdown.

Please attach pump test data.

5. PERMANENT PUMP EQUIPMENT

A. DESCRIPTION OF PUMP

Make: Grundfos; Type: 1 HP
Size of discharge: ______ inches;
If turbine type, give size of column ______ inches;
Diameter of bowls ______ inches; Number of bowls ______;
Length of suction pipe ______ feet;
Total length of column, bowls and suction pipe ______ feet;
If centrifugal type, give size of pump ______ inches;
Rated capacity of pump, if known ______ GPM; At ______ rev. per min.,
From a depth of ______ feet.

B. DESCRIPTION OF POWER PLANT

Make, type, horsepower, etc., of power plant: 1 HP Electric
Type of drive connection to pump: ______ (direct, gearhead, or belt)

C. DISCHARGE OF PUMP

Actual discharge of pump ______ GPM, at ______ rev. per min.,
From a depth of ______ feet; Date of test ______

6. DESCRIPTION OF STORAGE RESERVOIR

Length ______ feet; Width ______ feet; Average depth ______ feet.

(2) 2' x 8' drinkers, (1) 3' x 4' drinker, (1) dirt tank

November 7, 2003

File Number: T 033 TRN 220829

Form: wr-11

Page 2 of 3
NEW MEXICO OFFICE OF THE STATE ENGINEER
PROOF OF COMPLETION OF WELL

ACKNOWLEDGEMENT FOR NATURAL PERSONS

(I, We) ANTHONY and PATSY SANDOVAL affirm that the foregoing statements are true to the best of my, our knowledge and belief.

Permittee Signature

STATEMENT OF THE STATE ENGINEER’S REPRESENTATIVE

Well record filed: 1/25/99; Field Check: 1/20/01;

Comments: ____________________________

John R. D’Antonio, Jr., STATE ENGINEER

By: ____________________________

Title: DAVE BERNARDONE
Water Resource Specialist

Date: ____________________________

November 7, 2003

File Number: 07S.10E.29.212
Form: wr-11

Trn Number: TRN220829

page 3 of 3
November 7, 2003

ANTHONY SANCHEZ
P.O. BOX 637
CARRIZOZO, NM 88301

Greetings:

Enclosed is your copy of Proof of Completion of Well for the above numbered
well which has been accepted for filing with benefit of field check by
State Engineer Office personnel.

Field check done by D.Bernardone 1/30/01.

Sincerely,

[Signature]

David Bernardone
(505)524-6161

Enclosure
cc: Santa Fe Office

pcwrcv
Sanchez Anthony

NEW MEXICO OFFICE OF THE STATE ENGINEER
WELL RECORD

1. OWNER OF WELL
   Name: Anthony Sanchez
   Contact: Anthony Sanchez
   Address: Box 637
   City: Carrizozo, NM 88301
   Work Phone: 430-9857
   Home Phone: 648-2326

2. LOCATION OF WELL (A, B, C, or D required, E or F if known)
   A. (4)1/4 (4)1/4 (4)1/4 Section: 33 Township: 07S Range: 10E N.M.P.M. in Lincoln County.
   B. X = ______________ feet, Y = ______________ feet, N.M. Coordinate System Zone in the __________________________ Grant.
   U.S.G.S. Quad Map __________________
   C. Latitude: d m s Longitude: d m s
   D. East ________ (m), North ________ (m), UTM Zone 13, NAD 83 (27 or 83)
   E. Tract No. _____, Map No. ____ of the ______________________ Hydrographic Survey
   F. Lot No. _____, Block No. _____ of Unit/Tract ______________ of the ______________ Subdivision recorded in ______________ County.
   G. Other: __________________________________________
   H. Give State Engineer File Number if existing well: __________________________
   I. On land owned by (required): Anthony Sanchez

3. DRILLING CONTRACTOR
   License Number: WD-72
   Name: Kevin Usrey
   Work Phone: 257-8584
   Agent: Kevin Usrey
   Home Phone: 937-2807
   Mailing Address: PO Box 7418
   City: Ruidoso
   State: NM Zip: 88355

4. DRILLING RECORD
   Drilling began: 11/29/06 : Completed: 11/31/06 ; Type tools: Air Rotary;
   Size of hole: 7.50 in.; Total depth of well: 136 ft.;
   Completed well is: shallow (shallow, artesian);
   Depth to water upon completion of well: 53 ft.

File Number: T 05170
Form: wr-20

Page 1 of 4

RECEIVED
2006 DEC 18 4:11:15

T-05170
TRN-365727
Sanchez Anthony

NEW MEXICO OFFICE OF THE STATE ENGINEER
WELL RECORD

5. PRINCIPAL WATER-BEARING STRATA

<table>
<thead>
<tr>
<th>Depth in Feet</th>
<th>Thickness in feet</th>
<th>Description of water-bearing formation</th>
<th>Estimated Yield (GPM)</th>
</tr>
</thead>
<tbody>
<tr>
<td>51</td>
<td>53</td>
<td>Brown - Gravel</td>
<td>10</td>
</tr>
<tr>
<td>88</td>
<td>130</td>
<td>Brown - Sandstone with Gravel Layers</td>
<td>70</td>
</tr>
</tbody>
</table>

6. RECORD OF CASING

<table>
<thead>
<tr>
<th>Diameter (inches)</th>
<th>Pounds per ft.</th>
<th>Threads</th>
<th>Depth in Feet</th>
<th>Length Type of Shoe</th>
<th>Perforations From</th>
<th>To</th>
</tr>
</thead>
<tbody>
<tr>
<td>4 1/2</td>
<td>PVC</td>
<td>SDR17</td>
<td>+2</td>
<td>136</td>
<td>116</td>
<td>138</td>
</tr>
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</table>

7. RECORD OF MUDDING AND CEMENTING

<table>
<thead>
<tr>
<th>Depth in Feet From</th>
<th>To</th>
<th>Hole Diameter</th>
<th>Sacks of mud</th>
<th>Cubic Feet of Cement</th>
<th>Method of Placement</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>20</td>
<td>7.50</td>
<td>4</td>
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</tr>
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8. PLUGGING RECORD

<table>
<thead>
<tr>
<th>Plugging Contractor:</th>
<th>Address:</th>
<th>Plugging Method:</th>
<th>Date Well Plugged:</th>
<th>Plugging approved by:</th>
</tr>
</thead>
</table>

State Engineer Representative

<table>
<thead>
<tr>
<th>NO. Depth in Feet Top</th>
<th>Cubic Feet of Cement</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td></td>
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<tr>
<td>5</td>
<td></td>
</tr>
</tbody>
</table>

File Number: T 05170
Form: wr-20

Page 2 of 4
Sanchez Anthony

File Number: T 05170

NEW MEXICO OFFICE OF THE STATE ENGINEER
WELL RECORD

9. LOG OF HOLE

<table>
<thead>
<tr>
<th>Depth in Feet From</th>
<th>Thickness in feet</th>
<th>Color and Type of Material Encountered</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>12</td>
<td>Brown - Top Soil</td>
</tr>
<tr>
<td>12</td>
<td>36</td>
<td>Brown - Sand and Gravel</td>
</tr>
<tr>
<td>36</td>
<td>40</td>
<td>Brown - Sandstone</td>
</tr>
<tr>
<td>40</td>
<td>43</td>
<td>Black - Coaly Shale</td>
</tr>
<tr>
<td>43</td>
<td>51</td>
<td>Brown - Sandstone</td>
</tr>
<tr>
<td>51</td>
<td>54</td>
<td>Brown - Gravel (Water)</td>
</tr>
<tr>
<td>54</td>
<td>56</td>
<td>Red - Clay</td>
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<tr>
<td>56</td>
<td>81</td>
<td>Grey - Limestone</td>
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<tr>
<td>81</td>
<td>88</td>
<td>Black - Coaly Shale</td>
</tr>
<tr>
<td>88</td>
<td>130</td>
<td>Brown - Sandstone with Gravel Layers</td>
</tr>
<tr>
<td>130</td>
<td>136</td>
<td>Yellow - Clay</td>
</tr>
</tbody>
</table>

File Number: T 05170
Form: wr-20

page 3 of 4
Sanchez Anthony

File Number: T 05170

NEW MEXICO OFFICE OF THE STATE ENGINEER
WELL RECORD

10. ADDITIONAL STATEMENTS OR EXPLANATIONS:

The undersigned hereby certifies that, to the best of his knowledge and belief, the foregoing is a true and correct record of the above described hole.

[Signature]
Driller

12/14/06
(mm/dd/year)

FOR STATE ENGINEER USE ONLY

Quad ____; FWL ____; FSL ____; Use _______; Location No. __________
STATE OF NEW MEXICO
OFFICE OF THE STATE ENGINEER

Dec. 18, 2006

ANTHONY SANCHEZ
P O BOX 637
CARRIZOZO, NM  88301

Greetings:

Enclosed is your copy of the well record for the above numbered permit, which has been accepted for filing.

Sincerely,

Sarah Rodriguez
(505)524-6161

Enclosure
cc:  Santa Fe Office

wellrrcv
### WELL RECORD & LOG

**OFFICE OF THE STATE ENGINEER**

www.ose.state.nm.us

---

**POD NUMBER (WELL NUMBER):** POD 1

**WELL OWNER NAME(S):** CARLOS A SANCHEZ

**WELL OWNER MAILING ADDRESS:** 3909 E FLOSSMOOR AVE

**CITY:** MESA

**STATE:** AZ

**ZIP:** 85206

---

**GENERAL AND WELL LOCATION**

<table>
<thead>
<tr>
<th>LOCATION (FROM GPS)</th>
<th>DEGREES</th>
<th>MINUTES</th>
<th>SECONDS</th>
</tr>
</thead>
<tbody>
<tr>
<td>LATITUDE</td>
<td>33</td>
<td>39</td>
<td>48.00 N</td>
</tr>
<tr>
<td>LONGITUDE</td>
<td>105</td>
<td>45</td>
<td>43.20 W</td>
</tr>
</tbody>
</table>

**DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS**

NORTH SIDE OF HWY 380 APPROX 1 MILE OUT OF CARRIZOZO

---

**SUBDIVISION NAME:** VERA CRUZ MOUNTAIN RANCH

**LOT NUMBER:** 19

**BLOCK NUMBER:** CAB 1 SLD 578

---

**LICENSE NUMBER:** WD 1453

**NAME OF LICENSED DRILLER:** JOE SKAGGS

**NAME OF WELL DRILLING COMPANY:** HYDROTECH

**DRILLING STARTED:** 08/16/2009

**DRILLING ENDED:** 08/18/2009

**DEPTH OF COMPLETED WELL (FT):** 500

**BORE HOLE DEPTH (FT):** 500

**DEPTH WATER FIRST ENCOUNTERED (FT):** 370

**COMPLETED WELL IS:**
- [ ] ARTESIAN
- [x] DRY HOLE
- [x] SHALLOW (UNCONFINED)

**STATIC WATER LEVEL IN COMPLETED WELL (FT):** 370

**DRILLING FLUID:**
- [x] AIR
- [ ] MUD
- [ ] ADDITIVES – SPECIFY: 

**DRILLING METHOD:**
- [x] ROTARY
- [ ] HAMMER
- [ ] CABLE TOOL
- [ ] OTHER – SPECIFY: DHH

---

**DEPTH (FT):**

<table>
<thead>
<tr>
<th>FROM</th>
<th>TO</th>
</tr>
</thead>
<tbody>
<tr>
<td>-2</td>
<td>500</td>
</tr>
<tr>
<td>+2</td>
<td>38</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>DEPTH (FT)</th>
<th>BORE HOLE DIA. (IN)</th>
<th>CASING MATERIAL</th>
<th>CONNECTION TYPE (CASING)</th>
<th>INSIDE DIA. CASING (IN)</th>
<th>CASING WALL THICKNESS (IN)</th>
<th>SLOT SIZE (IN)</th>
</tr>
</thead>
<tbody>
<tr>
<td>-2</td>
<td>8.5</td>
<td>PVC</td>
<td>SPLINE</td>
<td>4.5</td>
<td>SCH 40</td>
<td>.032</td>
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<td>+2</td>
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<td>STEEL</td>
<td>WELD</td>
<td>8</td>
<td></td>
<td>.188 N/A</td>
</tr>
</tbody>
</table>

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**FORMATION DESCRIPTION OF PRINCIPAL WATER-BEARING STRATA**

<table>
<thead>
<tr>
<th>DEPTH (FT)</th>
<th>THICKNESS (FT)</th>
<th>FORMATION DESCRIPTION OF PRINCIPAL WATER-BEARING STRATA</th>
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</thead>
<tbody>
<tr>
<td>370</td>
<td>2</td>
<td>FRACURED LIME</td>
</tr>
<tr>
<td>420</td>
<td>1</td>
<td>FRACURE</td>
</tr>
</tbody>
</table>

**METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA**

AIR Lift

**TOTAL ESTIMATED WELL YIELD (GPM):** 15-17

---

**FOR OSE INTERNAL USE**

**FILE NUMBER:** TRN-435482

**WELL RECORD & LOG (Version 6/9/08)**

**LOCATION:**

**POD NUMBER:** POD 1

**TRN NUMBER:** T-5624

**Permit No. T-5624 POD1**
<table>
<thead>
<tr>
<th>TYPE OF PUMP</th>
<th>SUBMERSIBLE</th>
<th>JET</th>
<th>NO PUMP - WELL NOT EQUIPPED</th>
<th>TURBINE</th>
<th>CYLINDER</th>
<th>OTHER - SPECIFY:</th>
</tr>
</thead>
</table>

### 5. SEAL AND PUMP

<table>
<thead>
<tr>
<th>ANNULAR SEAL AND GRAVEL PACK</th>
<th>DEPTH (FT)</th>
<th>BORE HOLE DIA. (IN)</th>
<th>MATERIAL TYPE AND SIZE</th>
<th>AMOUNT (CUBIC FT)</th>
<th>METHOD OF PLACEMENT</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>FROM</td>
<td>TO</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>-20</td>
<td>500</td>
<td>8.5</td>
<td>3/8&quot; PEA GRAVEL</td>
<td>A/N</td>
</tr>
<tr>
<td></td>
<td>-2</td>
<td>20</td>
<td>8.5</td>
<td>BENTONITE</td>
<td>A/N</td>
</tr>
</tbody>
</table>

### 6. GEOLOGIC LOG OF WELL

<table>
<thead>
<tr>
<th>DEPTH (FT)</th>
<th>THICKNESS (FT)</th>
<th>COLOR AND TYPE OF MATERIAL ENCOUNTERED (INCLUDE WATER-BEARING CAVITIES OR FrACTURE ZONES)</th>
<th>WATER BEARING?</th>
</tr>
</thead>
<tbody>
<tr>
<td>FROM</td>
<td>TO</td>
<td>TOPSOIL, DECOMPOSED LIMEx</td>
<td>YES</td>
</tr>
<tr>
<td>0</td>
<td>40</td>
<td>40</td>
<td>TOPSOIL, DECOMPOSED LIME</td>
</tr>
<tr>
<td>40</td>
<td>150</td>
<td>110</td>
<td>DECOMPOSED YELLOW LIME</td>
</tr>
<tr>
<td>150</td>
<td>370</td>
<td>220</td>
<td>BROWN TO GREY LIME</td>
</tr>
<tr>
<td>370</td>
<td>372</td>
<td>2</td>
<td>FRACTURED LIME</td>
</tr>
<tr>
<td>372</td>
<td>420</td>
<td>48</td>
<td>GREY LIME</td>
</tr>
<tr>
<td>420</td>
<td>421</td>
<td>1</td>
<td>FRACTURE</td>
</tr>
<tr>
<td>421</td>
<td>500</td>
<td>79</td>
<td>GREY LIME</td>
</tr>
</tbody>
</table>

ATTACH ADDITIONAL PAGES AS NEEDED TO FULLY DESCRIBE THE GEOLOGIC LOG OF THE WELL

### 7. TEST & ADDITIONAL INFO

WELL TEST: BAILER, PUMP, AIR LIFT, OTHER - SPECIFY:

TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD.

ADDITIONAL STATEMENTS OR EXPLANATIONS:

THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DEScribed HOlle AND THAT HE OR SHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THE PERMIT HOLDER WITHIN 20 DAYS AFTER COMPLETION OF WELL DRILLING:

SIGNATURE OF DRILLER | DATE | 8/28/2009

FOR OSE INTERNAL USE

FILE NUMBER | POD NUMBER | TRN NUMBER
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
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</thead>
<tbody>
<tr>
<td>FRN-435482</td>
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<td></td>
</tr>
</tbody>
</table>

WELL RECORD & LOG (Version 6/9/08)

File No. T-5624

Permit No. T-5624 POD1
Greetings:

Enclosed is your copy of the well record for the above numbered permit, which has been accepted for filing.

Sincerely,

Linda Filoga
(575) 524-6161

Enclosure

wellrrcv
WELL RECORfD

Section 1. GENERAL INFORMATION

(A) Owner of well: TED L. ZUMWALT
Street or Post Office Address: P.O. BOX 111
City and State: NOGAJA, NM 88341

Owner's Well No.: T-2762
 /
Lot No. 10
of the SWEETWATER HILLS
Subdivision, recorded in LINCOLN County.

x= feet, y= feet, N M. Coordinate System Grant.

(B) Drilling Contractor: Statewide Drilling, Inc.
Address: P. O. Box 458
La Luz, NM 88337

License No: WD-601

Drilling Began 9/17/1995
Completed 9/30/1995

Type tools AIR ROTARY
Size of hole 8 in.

Depth to water upon completion of well 58 ft.

Section 2. PRINCIPAL WATER-BEARING STRATA

<table>
<thead>
<tr>
<th>Depth in Feet</th>
<th>Thickness in Feet</th>
<th>Description of Water-Bearing Formation</th>
<th>Estimated Yield (gallons per minute)</th>
</tr>
</thead>
<tbody>
<tr>
<td>From</td>
<td>To</td>
<td></td>
<td></td>
</tr>
<tr>
<td>60</td>
<td>70</td>
<td></td>
<td></td>
</tr>
<tr>
<td>10</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>GRAVEL</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>8</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Section 3. RECORD OF CASING

<table>
<thead>
<tr>
<th>Diameter (inches)</th>
<th>Pounds per foot</th>
<th>Threads per in.</th>
<th>Depth in Feet</th>
<th>Length (feet)</th>
<th>Type of Shoe</th>
<th>Perforations From</th>
<th>Perforations To</th>
</tr>
</thead>
<tbody>
<tr>
<td>5 PVC</td>
<td>0</td>
<td>148</td>
<td>148</td>
<td>60</td>
<td>80</td>
<td></td>
<td></td>
</tr>
<tr>
<td>6 STEEL</td>
<td>1</td>
<td>3</td>
<td>4</td>
<td>120</td>
<td>140</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Section 4. RECORD OF MUDDING AND CEMENTING

<table>
<thead>
<tr>
<th>Depth in Feet</th>
<th>Hole Diameter</th>
<th>Sacks of Mud</th>
<th>Cubic Feet of Cement</th>
<th>Method of Placement</th>
</tr>
</thead>
<tbody>
<tr>
<td>From</td>
<td>To</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>88.12E.12.33E</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Section 5. PLUGGING RECORD

<table>
<thead>
<tr>
<th>Plugging Contractor</th>
<th>Address</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Plugging Method</th>
<th>Date Well Plugged</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Plugging approved by: State Engineer Representative</th>
</tr>
</thead>
</table>

Date Received: August 10, 1995

FOR USE OF STATE ENGINEER ONLY

Quad FWL FSL

File No: T-2762
Use DOM/STK Location No: 88.12E.12.33E
August 11, 1995

FILE: T-2762

Ted L. Zumwalt
P. O. Box 111
Nogal, NM 88341

Dear Mr. Zumwalt:

Enclosed is your copy of Well Record under Domestic and Livestock Well Permit No. T-2762, which has been accepted for filing subject to the conditions as noted on your permit.

Your attention is called to the reverse side of your permit to all General Conditions, but special attention is directed to Specific Condition No. 4, which states:

4. Use shall be limited to household, non-commercial trees, lawn and garden not to exceed one acre and/or stock use.

Please advise this office of any change in mailing address that may occur in the future. If the property is ever sold, a change of ownership for the well must be filed at the county clerk's office, in the county in which the well was drilled, in accordance with state law.

This is the final filing under Domestic and Livestock Well Permit No. T-2762.

Sincerely,

J. B. Nixon
Supervisor, District 4

JBN: eah
enc: Well Record
cc: State Engineer
STATE ENGINEER OFFICE
WELL RECORD

Section 1. GENERAL INFORMATION

(A) Owner of well: Jeffery J. Maynard
Street or Post Office Address: P.O. Box 462
City and State: Alamogordo, New Mexico 88310
Owner's Well No: 7-624
Well was drilled under Permit No: T - 624
and is located in the:
   a. 3 1/4 3 1/4 3 1/4 3 1/4 of Section 32 Township SANTA FE RANGE E N.M.P.M.
   b. Tract No. of Map No. of the
   c. Lot No. 1-21 of Block No. 118 of the Osoyo Townsite Subdivision, recorded in LINCOLN County.
   d. X = feet, Y = feet, N.M. Coordinate System Zone in the

(B) Drilling Contractor: Brazial Water Well Drilling, Inc.
License No: WD - 607
Address: P.O. Box 190 La Luz, New Mexico 88337
Drilling Began: 7/9/83 Completed: 7/16/83 Type tools: Air Hammer Size of hole: 8 in.
Elevation of land surface or at well is: feet. Total depth of well: 260 ft.
Completed well is: □ shallow □ artesian. Depth to water upon completion of well: 140 ft.

Section 2. PRINCIPAL WATER-BEARING STRATA

<table>
<thead>
<tr>
<th>Depth in Feet</th>
<th>Thickness in Feet</th>
<th>Description of Water-Bearing Formation</th>
<th>Estimated Yield (gallons per minute)</th>
</tr>
</thead>
<tbody>
<tr>
<td>From</td>
<td>To</td>
<td>Gravel</td>
<td>2 gpm</td>
</tr>
<tr>
<td>140</td>
<td>142</td>
<td></td>
<td></td>
</tr>
<tr>
<td>230</td>
<td>235</td>
<td>Gravel</td>
<td></td>
</tr>
</tbody>
</table>

Section 3. RECORD OF CASING

<table>
<thead>
<tr>
<th>Diameter (inches)</th>
<th>Pounds per foot</th>
<th>Threads per in.</th>
<th>Depth in Feet</th>
<th>Length (feet)</th>
<th>Type of Shoe</th>
<th>Perforations</th>
</tr>
</thead>
<tbody>
<tr>
<td>5&quot; PVC</td>
<td>1.55</td>
<td>12</td>
<td>0 - 130</td>
<td>190</td>
<td>5&quot; Liner</td>
<td>150 - 190</td>
</tr>
<tr>
<td>4&quot; Liner PVC</td>
<td></td>
<td></td>
<td>130 - 260</td>
<td>260</td>
<td>PVC</td>
<td>200 - 260</td>
</tr>
</tbody>
</table>

Section 4. RECORD OF MUDDING AND CEMENTING

<table>
<thead>
<tr>
<th>Depth in Feet</th>
<th>Hole Diameter</th>
<th>Socks of Mud</th>
<th>Cubic Feet of Cement</th>
<th>Method of Placement</th>
</tr>
</thead>
<tbody>
<tr>
<td>From</td>
<td>To</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Section 5. PLUGGING RECORD

Plugging Contractor: 
Address: 
Plugging Method: 
Date Well Plugged: 
Plugging approved by: State Engineer Representative

FOR USE OF STATE ENGINEER ONLY

Date Received: July 25, 1983
Quad: FWL FSL
File No: T-624
Use: Domestic and Location No: 9.8K 32
Stock

Rev'd June 1972
### Section 6. LOG OF HOLE

<table>
<thead>
<tr>
<th>From</th>
<th>To</th>
<th>Thickness in Feet</th>
<th>Color and Type of Material Encountered</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>50</td>
<td>50</td>
<td>Sand &amp; Gravel</td>
</tr>
<tr>
<td>50</td>
<td>90</td>
<td>40</td>
<td>Clay</td>
</tr>
<tr>
<td>90</td>
<td>140</td>
<td>50</td>
<td>Sand Stone - Shale</td>
</tr>
<tr>
<td>140</td>
<td>142</td>
<td>2</td>
<td>Gravel</td>
</tr>
<tr>
<td>142</td>
<td>145</td>
<td>3</td>
<td>Shale</td>
</tr>
<tr>
<td>145</td>
<td>152</td>
<td>7</td>
<td>Shale &amp; Coal</td>
</tr>
<tr>
<td>152</td>
<td>230</td>
<td>78</td>
<td>Lime Stone</td>
</tr>
<tr>
<td>230</td>
<td>235</td>
<td>5</td>
<td>Gravel</td>
</tr>
<tr>
<td>235</td>
<td>260</td>
<td>25</td>
<td>Shale</td>
</tr>
</tbody>
</table>

### Section 7. REMARKS AND ADDITIONAL INFORMATION

The undersigned hereby certifies that, to the best of his knowledge and belief, the foregoing is a true and correct record of the above described hole.

[Signature]

Driller

---

INSTRUCTIONS. This form should be executed in triplicate, preferably typewritten, and submitted to the appropriate district office of the State Engineer. All sections, except Section 5, shall be answered as completely and accurately as possible when any well is drilled, repaired or deepened. When this form is used as a plugging record, only Section 1(a) Section 5 need be completed.
FILE: T-624

Mr. Jeffary J. Maynard  
P. O. Box 462  
 Alamogordo, New Mexico 88310

Dear Sir:

Enclosed is your copy of the well record for your domestic and stock well No. T-624, which has been accepted for filing.

This is the final filing under Domestic and Stock Well Permit No. T-624.

Yours truly,

L. T. Rutnam  
Supervisor, District III

LTP:sfs  
Encl: Well Record  
cc: State Engineer
STATE ENGINEER OFFICE
WELL RECORD

Section 1. GENERAL INFORMATION

(A) Owner of well: ROBERT Hooten
Owner's Well No.

Well was drilled under Permit No. T-2083 and is located in the:

a. Direction: NE 1/4 NW 1/4 SW 1/4 of Section 22 Township 95 S. Range 8E N.M.P.M.

b. Tract No. of Map No. of the subdivision, recorded in County.

Subdivision, recorded in LINCOLN County.

c. Lot No. of Block No. of the

Subdivision, recorded in LINCOLN County.

d. X= feet, Y= feet, N.M. Coordinate System Zone in the Grant.

(B) Drilling Contractor: Statewide Drilling, Inc.
License No. WD-601

Address: La Luz, NM 88337

Drilling Began 09/17/98. Completed 09/18/98. Type tools ATR ROTARY. Size of hole 8 in.

Elevation of land surface or at well is ft. Total depth of well 300 ft.

Completed well is □ shallow □ artesian. Depth to water upon completion of well 214 ft.

Section 2. PRINCIPAL WATER-BEARING STRATA

<table>
<thead>
<tr>
<th>Depth in Feet</th>
<th>Thickness in Feet</th>
<th>Description of Water-Bearing Formation</th>
<th>Estimated Yield (gallons per minute)</th>
</tr>
</thead>
<tbody>
<tr>
<td>From 245</td>
<td>To 250</td>
<td>gravel</td>
<td>15</td>
</tr>
<tr>
<td>From 285</td>
<td>To 300</td>
<td>sand &amp; gravel</td>
<td>15</td>
</tr>
</tbody>
</table>

Section 3. RECORD OF CASING

<table>
<thead>
<tr>
<th>Diameter (inches)</th>
<th>Pounds per foot</th>
<th>Threads per in.</th>
<th>Depth in Feet Top</th>
<th>Bottom</th>
<th>Length (feet)</th>
<th>Type of Shoe</th>
<th>Perforations From</th>
<th>To</th>
</tr>
</thead>
<tbody>
<tr>
<td>5</td>
<td>PVC</td>
<td>0</td>
<td>300</td>
<td>300</td>
<td></td>
<td></td>
<td>240</td>
<td>300</td>
</tr>
<tr>
<td>6</td>
<td>Steel</td>
<td>+1</td>
<td>3</td>
<td>4</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Section 4. RECORD OF MUDDING AND CEMENTING

<table>
<thead>
<tr>
<th>Depth in Feet From</th>
<th>To</th>
<th>Hole Diameter</th>
<th>Sacks of Mud</th>
<th>Cubic Feet of Cement</th>
<th>Method of Placement</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>No.</th>
<th>Depth in Feet Top</th>
<th>Bottom</th>
<th>Cubic Feet of Cement</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Section 5. PLUGGING RECORD

Plugging Contractor
Address
Plugging Method
Date Well Plugged
Plugging approved by:

State Engineer Representative

JANUARY 19, 1999 FOR USE OF STATE ENGINEER ONLY

Date Received

T-02083 MULTI-DOMESTIC, LIVESTOCK & WILDLIFE

File No. Use Location No.

TRN176044
## Section 6. LOG OF HOLE

<table>
<thead>
<tr>
<th>Depth in Feet</th>
<th>Thickness in Feet</th>
<th>Color and Type of Material Encountered</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>25</td>
<td>brown sand</td>
</tr>
<tr>
<td>25</td>
<td>38</td>
<td>Brown clay</td>
</tr>
<tr>
<td>38</td>
<td>200</td>
<td>red clay</td>
</tr>
<tr>
<td>200</td>
<td>245</td>
<td>red sandstone</td>
</tr>
<tr>
<td>245</td>
<td>250</td>
<td>gravel</td>
</tr>
<tr>
<td>250</td>
<td>285</td>
<td>red sandstone</td>
</tr>
<tr>
<td>285</td>
<td>300</td>
<td>sand &amp; gravel</td>
</tr>
</tbody>
</table>

### Section 7. REMARKS AND ADDITIONAL INFORMATION

Three yards of 3/8" gravel for gravel pack.

The undersigned hereby certifies that, to the best of his knowledge and belief, the foregoing is a true and correct record of the above described hole.

Driller: Mike McMurty

INSTRUCTIONS: This form should be executed in triplicate, preferably typewritten, and submitted to the appropriate district office of the State Engineer. All sections, except Section 5, shall be answered as completely and accurately as possible when any well is drilled, repaired or deepened. When this form is used as a drilling record, only Section 14 and Section 5 need be completed.
Jan. 17, 2002

Greetings:

Enclosed is your copy of the well record for the above numbered permit, which has been accepted for filing.

Sincerely,

David Bernardone
(505)524-6161

Enclosure
cc: Santa Fe Office

wellrrcv
NEW MEXICO OFFICE OF THE STATE ENGINEER
WELL RECORD

1. OWNER OF WELL
Name: John Vega
Address: P.O. Box 606
City: Carrizozo
Work Phone: Home Phone:
State: NM Zip: 88301

2. LOCATION OF WELL (A, B, C, or D required, E or F if known)
A. NW 1/4 NW 1/4 NW 1/4 Section: 10 Township: 35 Range: 106 N.M.P.M. in Otero County.
B. X = feet, Y = feet, N.M. Coordinate System
Zone in the Grant.
U.S.G.S. Quad Map
C. Latitude: d m s Longitude: d m s
D. East (m), North (m), UTM Zone 13, NAD 83 Hydrographic Survey
E. Tract No., Map No. of the of the Subdivision recorded in County.
F. Lot No., Block No. of Unit/Tract of the Subdivision recorded in County.
G. Other:
H. Give State Engineer File Number if existing well:

I. On land owned by (required): Self

3. DRILLING CONTRACTOR
License Number: WD-1453
Name: Hydrotech Drilling
Agent: Joseph or Kimberly Skaggs
Mailing Address: 21 Prairie Trail
City: Tularosa
Work Phone: (505) 585-7918
Home Phone: (Same)
State: NM Zip: 88352

4. DRILLING RECORD
Drilling began: 12/17/2003; Completed: 12/17/2003; Type tools: Rotary Air;
Size of hole: 7.78 in.; Total depth of well: 160 ft.; Completed well is: Shallow (shallow, artesian);
Depth to water upon completion of well: 80 ft.

February 14, 2004 T-04471 DOMESTIC Tm Number: 08S.10E.10.111
Form: wr-20 page 1 of 4 TRN289465
NEW MEXICO OFFICE OF THE STATE ENGINEER
WELL RECORD

5. PRINCIPAL WATER-BEARING STRATA

<table>
<thead>
<tr>
<th>Depth in Feet</th>
<th>Thickness in feet</th>
<th>Description of water-bearing formation</th>
<th>Estimated Yield (GPM)</th>
</tr>
</thead>
<tbody>
<tr>
<td>75</td>
<td>80</td>
<td>Small Gravel</td>
<td>15</td>
</tr>
<tr>
<td>100</td>
<td>105</td>
<td>Broken Sandstone</td>
<td>30</td>
</tr>
</tbody>
</table>

6. RECORD OF CASING

<table>
<thead>
<tr>
<th>Diameter (inches)</th>
<th>Pounds per ft.</th>
<th>Threads per in.</th>
<th>Depth in Feet</th>
<th>Length (feet)</th>
<th>Type of Shoe</th>
<th>Perforations From</th>
<th>To</th>
</tr>
</thead>
<tbody>
<tr>
<td>5</td>
<td>PVC</td>
<td>PVC</td>
<td>0</td>
<td>160</td>
<td>160</td>
<td>120</td>
<td>160</td>
</tr>
</tbody>
</table>

7. RECORD OF MUDDING AND CEMENTING

<table>
<thead>
<tr>
<th>Depth in Feet</th>
<th>Hole Diameter</th>
<th>Sacks of mud</th>
<th>Cubic Feet of Cement</th>
<th>Method of Placement</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

8. PLUGGING RECORD

Plugging Contractor: ________________________________________
Address: _________________________________________________
Plugging Method: _________________________________________
Date Well Plugged: ________________

Plugging approved by: __________________________
State Engineer Representative: ___________________________

<table>
<thead>
<tr>
<th>No.</th>
<th>Depth in Feet</th>
<th>Cubic Feet of Cement</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4</td>
<td></td>
<td></td>
</tr>
<tr>
<td>5</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

File Number: T-04471
Trm Number: 08S.10E.10.111
TRN289465
9. LOG OF HOLE

<table>
<thead>
<tr>
<th>Depth in Feet</th>
<th>Thickness in feet</th>
<th>Color and Type of Material Encountered</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>75</td>
<td>Topsoil, Loose Powder</td>
</tr>
<tr>
<td>75</td>
<td>90</td>
<td>Small Gravel</td>
</tr>
<tr>
<td>80</td>
<td>100</td>
<td>Grey Sandstone</td>
</tr>
<tr>
<td>100</td>
<td>105</td>
<td>Broken Sandstone</td>
</tr>
<tr>
<td>105</td>
<td>160</td>
<td>Grey White Sandstone</td>
</tr>
</tbody>
</table>
The undersigned hereby certifies that, to the best of his knowledge and belief, the foregoing is a true and correct record of the above described hole.

[Signature]

1-6-04

(mm/dd/year)

FOR STATE ENGINEER USE ONLY

Quad _____; FWL _____; FSL _____; Use _______; Location No. _______

File Number: T-04471

DOMESTIC

Trm Number: 08S.10E.10.111

TRN289465

February 6, 2004

Form: wr-20
JOHN VEGA
P.O. BOX 606
CARRIZOZO, NM 88301

Greetings:

Enclosed is your copy of the well record for the above numbered permit, which
has been accepted for filing.

Sincerely,

Susan Bencot
(505) 524-6161

Enclosure
cc: Santa Fe Office

wellrcv
## SECTION 1. GENERAL INFORMATION

(A) Owner of well: **Robert E. Nymph** (John)  
Owner's Well No.  

Street or Post Office Address: Box 1006  
City and State: Carrizozo, NM 88301  

Well was drilled under Permit No. **T-3692** and is located in the:  

- NW 1/4 NW 1/4 NW 1/4 of Section 12, Township 9S, Range 10E, N.M.P.M.  
- Tract No.  
- Lot No.  
- Subdivision, recorded in **Lincoln** County.  
- X=, Y= feet, N.M. Coordinate System, Zone in the  
- Grant.  

(B) Drilling Contractor: **L&L WELL DRILLING & PUMP CO**  
License No. **WD-1305**  
Address: P.O. Box 159, NOGAH, NM 88341  

Drilling Began: **6/5/00**  
Completed: **6/5/00**  
Type of tools: **rotary**  
Size of hole: 7 7/8 in.  

Elevation of land surface or  

at well is ft.  

Total depth of well: 100 ft.  

Completed well is  

- **shallow**  
- **artesian**  

Depth to water upon completion of well: 63 ft.

## SECTION 2. PRINCIPAL WATER-BEARING STRATA

<table>
<thead>
<tr>
<th>Depth in Feet</th>
<th>Thickness in Feet</th>
<th>Description of Water-Bearing Formation</th>
<th>Estimated Yield (gallons per minute)</th>
</tr>
</thead>
<tbody>
<tr>
<td>From 75 to 90</td>
<td>15</td>
<td>Sand &amp; Gravel</td>
<td>20 640</td>
</tr>
</tbody>
</table>

## SECTION 3. RECORD OF CASING

<table>
<thead>
<tr>
<th>Diameter (inches)</th>
<th>Pounds per foot</th>
<th>Threads per in.</th>
<th>Depth in Feet</th>
<th>Length (feet)</th>
<th>Type of Shoe</th>
<th>Perforations</th>
</tr>
</thead>
<tbody>
<tr>
<td>4 1/2&quot;</td>
<td>90</td>
<td>PVC</td>
<td>-2</td>
<td>100</td>
<td>102</td>
<td>80 100</td>
</tr>
</tbody>
</table>

## SECTION 4. RECORD OF MUDDING AND CEMENTING

<table>
<thead>
<tr>
<th>Depth in Feet</th>
<th>Hole Diameter</th>
<th>Sacks of Mud</th>
<th>Cubic Feet of Cement</th>
<th>Method of Placement</th>
</tr>
</thead>
<tbody>
<tr>
<td>From 75 to 90</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

## SECTION 5. PLUGGING RECORD

Plugging Contractor  
Address  
Plugging Method  
Date Well Plugged  
Plugging approved by:  
State Engineer Representative  

**FOR USE OF STATE ENGINEER ONLY**

Date: **June 09, 2000**  
Quad: **FWL**  
File No.: **T-03692**  
Type: **DOMESTIC**  
Location No.: **08S.10E.12.111**
<table>
<thead>
<tr>
<th>Depth in Feet</th>
<th>Thickness in Feet</th>
<th>Color and Type of Material Encountered</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>7</td>
<td>TOPSOIL</td>
</tr>
<tr>
<td>2</td>
<td>23</td>
<td>RED CLAY</td>
</tr>
<tr>
<td>23</td>
<td>28</td>
<td>FINE-GRAVEL</td>
</tr>
<tr>
<td>28</td>
<td>50</td>
<td>RED CLAY</td>
</tr>
<tr>
<td>50</td>
<td>70</td>
<td>GRAVEL &amp; RED CLAY</td>
</tr>
<tr>
<td>70</td>
<td>75</td>
<td>YELLOW CLAY</td>
</tr>
<tr>
<td>75</td>
<td>90</td>
<td>SAND &amp; GRAVEL</td>
</tr>
<tr>
<td>90</td>
<td>100</td>
<td>YELLOW, GRAY, PINK CLAY</td>
</tr>
</tbody>
</table>

Section 7. REMARKS AND ADDITIONAL INFORMATION

The undersigned hereby certifies that, to the best of his knowledge and belief, the foregoing is a true and correct record of the above described hole.

INSTRUCTIONS: This form should be executed in triplicate, preferably typewritten, and submitted to the appropriate district office of the State Engineer. All sections, except Section 5, shall be answered as completely and accurately as possible when any well is drilled, repaired or deepened. When this m is used as a plugging record, only Section 1 and Section 5 need be completed.
STATE OF NEW MEXICO
STATE ENGINEER OFFICE

Jun. 12, 2000

JOHN HEMPHILL
ROBERT E. HEMPHILL
P. O. BOX 1006
CARRIZozo, NM  88301

Greetings:

Enclosed is your copy of the well record for the above numbered permit, which has been accepted for filing.

Sincerely,

[Signature]

Tom Valverde
(505)524-6161

Enclosure
cc:  Santa Fe Office

wellrrcv
NEW MEXICO OFFICE OF THE STATE ENGINEER
WELL RECORD

1. OWNER OF WELL
   Name: Marie Anderson
   Contact: ________________________
   Address: 57 Oscura Range Rd
   City: Carrizozo
   Work Phone: ____________________
   Home Phone: 648-4535
   State: NM Zip: 88301

2. LOCATION OF WELL (A, B, C, or D required, E or F if known)
   A. NE 1/4 SE 1/4 NW 1/4 Section: 35 Township: 9S Range: 8E N.M.P.M.
      in well__________________________
   B. X = _________________ feet, Y = _________________ feet, N.M. Coordinate System
      Zone in the __________________________ Grant.
      U.S.G.S. Quad Map ________________
   C. Latitude: _____d _____m ______ s Longitude: _____d _____m ______ s
   D. East ________ (m), North ________ (m), UTM Zone 13, NAD __ (27 or 83)
   E. Tract No. ____, Map No. ____ of the ______________ Hydrographic Survey
   F. Lot No. ____, Block No. _____ of Unit/Tract __________________________ of the
      __________________________ Subdivision recorded in ______________ County.
   G. Other: __________________________
   H. Give State Engineer File Number if existing well: ______________________
   I. On land owned by (required): ________________________________________

3. DRILLING CONTRACTOR
   License Number: WD-601
   Name: Statewide Drilling, Inc.
   Agent: ________________________
   Mailing Address: PO Box 458
   City: La Luz
   State: NM Zip: 88337
   Work Phone: 505-437-8984
   Home Phone: ____________________

4. DRILLING RECORD
   Drilling began: 9/21/04; Completed 9/22/04; Type tools: Air Rotary
   Size of hole: 8 in.; Total depth of well: 140 ft.;
   Completed well is: shallow (shallow, artesian);
   Depth to water upon completion of well: 53 ft.

   File Number: T-4201
   Form: wz-20
   page 1 of 4
   Trn Number: 09S.08E.35.142
5. PRINCIPAL WATER-BEARING STRATA

<table>
<thead>
<tr>
<th>Depth in Feet</th>
<th>Thickness in feet</th>
<th>Description of water-bearing formation</th>
<th>Estimated Yield (GPM)</th>
</tr>
</thead>
<tbody>
<tr>
<td>From 55</td>
<td>60</td>
<td>sand and gravel</td>
<td>30</td>
</tr>
</tbody>
</table>

6. RECORD OF CASING

<table>
<thead>
<tr>
<th>Diameter (inches)</th>
<th>Pounds per ft.</th>
<th>Threads per in.</th>
<th>Depth in Feet</th>
<th>Length (feet)</th>
<th>Type of Shoe</th>
<th>Perforations From To</th>
</tr>
</thead>
<tbody>
<tr>
<td>5</td>
<td>PVC</td>
<td></td>
<td>0 140</td>
<td>140</td>
<td></td>
<td>60 80</td>
</tr>
<tr>
<td>6 steel</td>
<td></td>
<td>+2</td>
<td>3 5</td>
<td>120 140</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

7. RECORD OF MUDDING AND CEMENTING

<table>
<thead>
<tr>
<th>Depth in Feet</th>
<th>Hole Diameter</th>
<th>Sacks of mud</th>
<th>Cubic Feet of Cement</th>
<th>Method of Placement</th>
</tr>
</thead>
</table>

8. PLUGGING RECORD

Plugging Contractor:  
Address:  
Plugging Method:  
Date Well Plugged:  
Plugging approved by:  
State Engineer Representative

<table>
<thead>
<tr>
<th>No.</th>
<th>Depth in Feet Top</th>
<th>Cubic Feet of Cement</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4</td>
<td></td>
<td></td>
</tr>
<tr>
<td>5</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
### 9. LOG OF HOLE

<table>
<thead>
<tr>
<th>Depth in Feet</th>
<th>Thickness in feet</th>
<th>Color and Type of Material Encountered</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>12</td>
<td>tan clay</td>
</tr>
<tr>
<td>12</td>
<td>21</td>
<td>sand</td>
</tr>
<tr>
<td>21</td>
<td>32</td>
<td>tan clay</td>
</tr>
<tr>
<td>32</td>
<td>38</td>
<td>sand and gravel</td>
</tr>
<tr>
<td>38</td>
<td>55</td>
<td>tan clay</td>
</tr>
<tr>
<td>55</td>
<td>60</td>
<td>sand and gravel</td>
</tr>
<tr>
<td>60</td>
<td>95</td>
<td>sandy clay and gravel</td>
</tr>
<tr>
<td>95</td>
<td>140</td>
<td>black shale</td>
</tr>
</tbody>
</table>

---

**NEW MEXICO OFFICE OF THE STATE ENGINEER**

**WELL RECORD**

---

**File Number:** T-4201

---

**JUNE 23, 2005**

---

**09S.08E.35.142**

---

**T-4898**
NEW MEXICO OFFICE OF THE STATE ENGINEER
WELL RECORD

10. ADDITIONAL STATEMENTS OR EXPLANATIONS:

2 1/2 yards of 3/8" gravel for gravel pack

The undersigned hereby certifies that, to the best of his knowledge and belief, the foregoing is a true and correct record of the above described hole.

Mike McMurry
Driller

09/22/2001
(mm/dd/year)

FOR STATE ENGINEER USE ONLY

Quad _____; FWL _____; FSL _____; Use _____; Location No. _____

File Number: T-4201

Form: wr-20

page 4 of 4
Marie Anderson  
P.O. BOX 933  
57 OSUNA RANGE RD  
CARRIZOZO, NM  88301  

Greetings:  
Enclosed is your copy of the well record for the above numbered permit, which  
has been accepted for filing.  

Sincerely,  

Linda Filosa  
(505) 624-6161  

Enclosure  
cc: Santa Fe Office  
wellrrcv
STATE ENGINEER OFFICE
WELL RECORD

Section 1. GENERAL INFORMATION

(A) Owner of well: JACK R. BENKER & / OR HENRY VEGA
Owner's Well No.

Street or Post Office Address: PO BOX 131
City and State: CARRIZOZO, NM 88301

Well was drilled under Permit No. T-2078 and is located in the:

a. ¼ SE ¼ NW ¼ SE ¼ of Section 29 Township 23 Range 7E N.M.P.M.
b. Tract No. _________ of Map No. _______ of the _______
c. Lot No. _______ of Block No. _______ of the ____________ Subdivision, recorded in ____________ County.
d. X= _______ feet, Y= _______ feet, N.M. Coordinate System _______ Zone in the _______ Grant.

(B) Drilling Contractor: WESLEY WEBBENT License No.: WD-630

Address: PO BOX 905 BOOKOUT NORTH WEST TULAROSA, NM 88352


Elevation of land surface or __________ ft. at well is __________ ft. Total depth of well: 123 ft.

Completed well is ☒ shallow ☐ artesian.

Depth to water upon completion of well: __________ ft.

Section 2. PRINCIPAL WATER-BEARING STRATA

<table>
<thead>
<tr>
<th>Depth in Feet</th>
<th>Thickness in Feet</th>
<th>Description of Water-Bearing Formation</th>
<th>Estimated Yield (gallons per minute)</th>
</tr>
</thead>
<tbody>
<tr>
<td>From</td>
<td>To</td>
<td></td>
<td></td>
</tr>
<tr>
<td>102</td>
<td>123</td>
<td>21</td>
<td>BLUE SHELL</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Section 3. RECORD OF CASING

<table>
<thead>
<tr>
<th>Diameter (inches)</th>
<th>Pounds per foot Schedule</th>
<th>Threads per in.</th>
<th>Depth in Feet</th>
<th>Length (feet)</th>
<th>Type of Shoe</th>
<th>Perforations</th>
</tr>
</thead>
<tbody>
<tr>
<td>4 ½</td>
<td>SCHEDULE 40</td>
<td>0</td>
<td>123</td>
<td>123</td>
<td>NONE</td>
<td>63-123</td>
</tr>
</tbody>
</table>

gravel pack 3/8" Section 4. RECORD OF MUDDING AND CEMENTING

<table>
<thead>
<tr>
<th>Depth in Feet</th>
<th>Hole Diameter</th>
<th>Sacks of Mud</th>
<th>Cubic Feet of Cement</th>
<th>Method of Placement</th>
</tr>
</thead>
<tbody>
<tr>
<td>From</td>
<td>To</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Section 5. PLUGGING RECORD

Plugging Contractor: WEBBENT DRILLING
Address: PO BOX 905 TULAROSA, NM 88352

Plugging Method: Filled hole completely full cement
Date Well Plugged: 6/6/92
Plugging approved by:

State Engineer Representative

FOR USE OF STATE ENGINEER ONLY

Date Received: June 10, 1992

Quad: FWL FSL

File No.: T-2078

Use: CLAY-SIL Location No.: 95,90,29,414
<table>
<thead>
<tr>
<th>Depth in Feet</th>
<th>Thickness in Feet</th>
<th>Color and Type of Material Encountered</th>
</tr>
</thead>
<tbody>
<tr>
<td>From</td>
<td>To</td>
<td></td>
</tr>
<tr>
<td>0</td>
<td>4</td>
<td>DRY, 30% TRAP, BROWN, Silty-Gritty,</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Silt, Silt, Gritty, Gritty-Silt,</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Silt-Gritty, Gritty-Gritty,</td>
</tr>
<tr>
<td>8</td>
<td>109</td>
<td>Silt-Gritty, Gritty-Gritty,</td>
</tr>
<tr>
<td></td>
<td>123</td>
<td>Silt-Silt, Gritty-Silt,</td>
</tr>
<tr>
<td>123</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Section 7: REMARKS AND ADDITIONAL INFORMATION

The undersigned hereby certifies that, to the best of his knowledge and belief, the foregoing is true and correct, and that the above-described hole was shot.

Driller
FILE: T-2078

Jack R. Hefker and/or
Henry Vega
P. O. Box 131
Carrizozo, NM 88301

Dear Mr. Hefker and Mr. Vega:

Enclosed is your copy of Well Record under Change Location of Stock Well Permit No. T-2078, which has been accepted for filing subject to the conditions as noted on your permit.

Your attention is called to the reverse side of your permit to all General Conditions, but special attention is directed to Specific Condition No. 4, which states:

4. Use shall be limited to one household, non-commercial trees, lawn and garden not to exceed one acre and/or stock use.

This is the final filing under Change Location of Stock Well Permit No. T-2078.

Sincerely,

J. B. Nixon
Supervisor, District 4

Encl: Well Record
cc: State Engineer
STATE ENGINEER OFFICE
WELL RECORD
STATE ENGINEER
Section 1. GENERAL INFORMATION, NM

(A) Owner of well: P. M. CHAVEZ
Owner's Well No. 
Street or Post Office Address: PO BOX 25
City and State: SAN PATRICIO NM 88348

Well was drilled under Permit No. T-490 S and is located in the:

a. ¼ ¼ NE ¼ SE ¼ of Section 11 Township 8 S Range 11 E N.M.P.M.
b. Tract No. of Map No. of the

c. Lot No. of Block No. of the Subdivision, recorded in County.
d. X= feet, Y= feet, N.M. Coordinate System Zone in the County.

(B) Drilling Contractor: WESLEY WEBB
License No. WD-630
Address: PO BOX 905 BOOKOUT NORTH WEST TULAROSA, N.M. 88352
Drilling Began 2/21/83 Completed 3/23/83 Type tools: CAPLE Size of hole: 12 in.
Elevation of land surface or . at well is ft. Total depth of well 147 ft.
Completed well is shallow artesian. Depth to water upon completion of well ft.

Section 2. PRINCIPAL WATER-BEARING STRATA

<table>
<thead>
<tr>
<th>Depth in Feet</th>
<th>Thickness in Feet</th>
<th>Description of Water-Bearing Formation</th>
<th>Estimated Yield (gallons per minute)</th>
</tr>
</thead>
<tbody>
<tr>
<td>From</td>
<td>To</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CLEANED OUT HOLE</td>
<td>3</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Section 3. RECORD OF CASING

<table>
<thead>
<tr>
<th>Diameter (inches)</th>
<th>Pounds per foot</th>
<th>Threads per in</th>
<th>Depth in Feet</th>
<th>Length (feet)</th>
<th>Type of Shoe</th>
<th>Perforations</th>
</tr>
</thead>
<tbody>
<tr>
<td>10 3/4</td>
<td>.250</td>
<td>1/4</td>
<td>0</td>
<td>147</td>
<td>20</td>
<td>NONE</td>
</tr>
</tbody>
</table>

Section 4. RECORD OF MUDDING AND CEMENTING

<table>
<thead>
<tr>
<th>Depth in Feet</th>
<th>Hole Diameter</th>
<th>Sacks of Mud</th>
<th>Cubic Feet of Cement</th>
<th>Method of Placement</th>
</tr>
</thead>
<tbody>
<tr>
<td>From</td>
<td>To</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Section 5. PLUGGING RECORD

<table>
<thead>
<tr>
<th>Depth in Feet</th>
<th>Cubic Feet of Cement</th>
<th>No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Top</td>
<td>Bottom</td>
<td></td>
</tr>
<tr>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

FOR USE OF STATE ENGINEER ONLY

Date Received: April 1, 1983
Quad: FWL FSL
File No: T-490-S Use: Clean-out of Irrigation Well Location No: 8.11.4.11.42
<table>
<thead>
<tr>
<th>Depth in Feet</th>
<th>Thickness in Feet</th>
<th>Color and Type of Material Encountered</th>
</tr>
</thead>
<tbody>
<tr>
<td>50</td>
<td>147</td>
<td>CLAY, GRAVEL FROM CAVING IN</td>
</tr>
</tbody>
</table>

The undersigned hereby certifies that, to the best of his knowledge and belief, the foregoing is a true and correct record of the above described hole.

INSTRUCTIONS: This form should be executed in triplicate, preferably typewritten, and submitted to the appropriate district office of the State Engineer. All sections, except Section 5, shall be answered as completely and accurately as possible when any well is drilled, repaired or deepened. When this form is used as a plugging record, only Section 1(a) and Section 5 need be completed.
STATE ENGINEER OFFICE
WELL RECORD

Section 1. GENERAL INFORMATION

(A) Owner of well: PAUL H. CHAVEZ
Owner's Well No:  
Street or Post Office Address:  40 BOX 26
City and State: Mc. LATRICE MN 56348

Well was drilled under Permit No. T-490-S and is located in the:

a. _____ ¼ ¼ NE ¼ Sec. 11 Township 11 S Range 11 E N.M.P.M
b. Tract No. _____ of Map No. _____ of the
   Subdivision, recorded in _____ of the
   County.

c. Lot No. _____ of Block No. _____ of the
   Subdivision, recorded in _____ of the
   County.

d. X= _____ feet, Y= _____ feet, N.M. Coordinate System _____ Zone in
   the
   _____ Grant.

(B) Drilling Contractor: WESLEY WEBB
License No. WD-520
Address: 40 BOX 905 BOOKCUT RCER WEST \ TULARE, CA 93274
Drilling Began 2/21/83 Completed 3/23/83 Type tools: CABLE Size of hole 12 in.
Llevation of land surface or at well is. _____ ft. Total depth of well 147 ft.
Completed well is ☐ shallow ☐ artesian. Depth to water upon completion of well 14 ft.

Section 2. PRINCIPAL WATER-BEARING STRATA

<table>
<thead>
<tr>
<th>Depth in Feet</th>
<th>Thickness in Feet</th>
<th>Description of Water-Bearing Formation</th>
<th>Estimated Yield (gallons per minute)</th>
</tr>
</thead>
<tbody>
<tr>
<td>From</td>
<td>To</td>
<td>Cleaned Out Hole</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Section 3. RECORD OF CASING

<table>
<thead>
<tr>
<th>Diameter (inches)</th>
<th>Pounds per foot</th>
<th>Threads per m.</th>
<th>Depth in Feet</th>
<th>Length (feet)</th>
<th>Type of Shoe</th>
<th>Perforations</th>
</tr>
</thead>
<tbody>
<tr>
<td>10 3/4</td>
<td>250</td>
<td>1/4</td>
<td>0</td>
<td>147</td>
<td>NONE</td>
<td>32 147</td>
</tr>
</tbody>
</table>

Section 4. RECORD OF MUDDING AND CEMENTING

<table>
<thead>
<tr>
<th>Depth in Feet</th>
<th>Hole Diameter</th>
<th>Sacks of Mud</th>
<th>Cubic Feet of Cement</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Section 5. PLUGGING RECORD

<table>
<thead>
<tr>
<th>No</th>
<th>Depth in Feet</th>
<th>Cubic Feet of Cement</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Top</td>
<td>Bottom</td>
</tr>
<tr>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

FOR USE OF STATE ENGINEER ONLY

Date Received: April 1, 1983
File No: T-490-S
Use: Clean-out of Irrigation Well
Location No: 8.11R.11.42
<table>
<thead>
<tr>
<th>Depth in Feet</th>
<th>Thickness in Feet</th>
<th>Color and Type of Material Encountered</th>
</tr>
</thead>
<tbody>
<tr>
<td>60</td>
<td>147</td>
<td>CLAY, GRAVEL FROM CAVING IN</td>
</tr>
</tbody>
</table>

The undersigned hereby certifies that, to the best of his knowledge and belief, the foregoing is a true and correct record of the above described hole.

INSTRUCTIONS: This form should be executed in triplicate, preferably typewritten, and submitted to the appropriate district office of the State Engineer. All sections, except Section 5, shall be answered as completely and accurately as possible when any well is drilled, repaired or deepened. When this form is used as a plugging record, only Section 1(a) and Section 5 need be completed.
FILE:  T-490-S

Mr. Paul M. Chavez  
P. O. Box 26  
San Patricio, New Mexico  88348

Dear Sir:

Enclosed is your copy of the well record for the cleaning out of your irrigation well No. T-490-S, which has been accepted for filing.

This is the final filing under Permit to Clean-Out Irrigation Well No. T-490-S.

Yours truly,

L. T. Putnam  
Supervisor, District III

LTP:sfs  
Encl:  Well Record  
cc:  State Engineer
MEMORANDUM

TO LT Putnam
FROM Deborah Hathaway
SUBJECT T-560, T-490-3

3-31-83

Declaration T-560 was filed recently for an underground water right from a spring in T16S, R11E, Sec. 11.

Have you field checked this spring? We need a field check to justify the appropriateness of considering this spring to be an underground water-right. Is it so small that there would be no surface flow coming from it if not developed & used?

On another matter, yesterday we received a copy of a memo from Larry Nowak to John Nixon stating that a copy of a well record for T-490-3 is enclosed, which it wasn't. If you have a copy of this well record please send one to us.
STATE ENGINEER OFFICE
WELL RECORD

Section 1. GENERAL INFORMATION

(A) Owner of well Richard Lee
Street or Post Office Address 490, Box 3614, El Paso
City and State El Paso, Texas

Well was drilled under Permit No. 1RG-2007-S and is located in the:

a. Section ______, T = ______, R = ______, S = ______, W = ______
   Township 18S, Range 10E, N.M.P.M.

b. Tract No. __________ of Map No. __________ of the
   __________ County.

c. Lot No. __________ of Block No. __________ of the
   __________ Subdivision, recorded in __________, __________.

d. X = __________ feet, Y = __________ feet, N.M. Coordinate System: __________ Zone is __________ Grant.

(B) Drilling Contractor Trinity Drilling
License No. WD 1229
Address 81st St. Box 5, Sacramento, CA 87347
Drilling Began 10-4-90
Completed 10-13-90
Type tools Cable
Size of hole 5 1/2

Section 2. PRINCIPAL WATER-BEARING STRATA

<table>
<thead>
<tr>
<th>Depth in Feet</th>
<th>Thickness in Feet</th>
<th>Description of Water-Bearing Formation</th>
<th>Estimated Yield (gallons per minute)</th>
</tr>
</thead>
<tbody>
<tr>
<td>From</td>
<td>To</td>
<td>From</td>
<td>To</td>
</tr>
</tbody>
</table>

Section 3. RECORD OF CASING

<table>
<thead>
<tr>
<th>Diameter (inches)</th>
<th>Founds per foot</th>
<th>Threads per in.</th>
<th>Depth in Feet</th>
<th>Length (feet)</th>
<th>Type of Cement</th>
<th>Perforations</th>
</tr>
</thead>
<tbody>
<tr>
<td>From</td>
<td>To</td>
<td>From</td>
<td>To</td>
<td>From</td>
<td>To</td>
<td>From</td>
</tr>
</tbody>
</table>

Section 4. RECORD OF MUDDING AND CEMENTING

<table>
<thead>
<tr>
<th>Depth in Feet</th>
<th>Hole Diameter</th>
<th>Sacks of Mud</th>
<th>Cubic Feet of Cement</th>
<th>Method of Placement</th>
</tr>
</thead>
<tbody>
<tr>
<td>From</td>
<td>To</td>
<td>From</td>
<td>To</td>
<td>From</td>
</tr>
</tbody>
</table>

Section 5. PLUGGING RECORD

Plugging Contractor
Address
Plugging Method
Date Well Plugged
Plugging approved by:

State Engineer Representative

FOR USE OF STATE ENGINEER ONLY

Date Received October 18, 1990
Quad FWL FSI

File No. T-2007-S
Use Clean-Out Location No. 18S-10E-18.224
<table>
<thead>
<tr>
<th>Depth in Feet</th>
<th>Thickness in Feet</th>
<th>Color and Type of Material Encountered</th>
</tr>
</thead>
<tbody>
<tr>
<td>From 0 to PP</td>
<td>PP to 82</td>
<td>Closed hole - sticks, rust, paper</td>
</tr>
</tbody>
</table>

The undergirded heavy\[\text{...}\] to the best of his knowledge and belief, the foregoing is a true and correct record of the above-described hole.

Owner says quick dewatering delisted well 8 to 10 years ago. Closed to 138, 1/4 g water.

Section 7, MARKS AND ADDITIONAL INFORMATION

Dated: [Signature]

Richard Carter

INSTRUCTIONS: This form should be executed in triplicate, preferably typewritten, and submitted to the appropriate district office of the State Engineer. All sections, except Section 5, shall be answered as completely and accurately as possible when any well is drilled, repaired or deepened. When the form is used as a plugging record, only Section 5 need be completed.
STATE ENGINEER OFFICE

WELL RECORD

Section 1. GENERAL INFORMATION

(A) Owner of well: THREE RIVERS CATTLE LTD CO Owner's Well No.:
Street or Post Office Address: 118 WEST FIRST STREET
City and State: ROSWELL, NM 88201

Well was drilled under Permit No. T-03232 and is located in the:

a. % % NE % NE % of Section Township 10S Range 10E N.M.P.sh.

b. Tract No. of Map No. of the

c. Lot No. of Block No. of the Subdivision, recorded in LINCOLN County.

d. X= feet, Y= feet, N.M. Coordinate System Grant.

(B) Drilling Contractor: Statewide Drilling, Inc. License No.: WD-601
Address: P. O. Box 458
La Luz, NM 88337

Drilling Began 12/11/97 Completed 12/11/97 Type tool: air rotary Size of hole: 8 in.

Elevation of land surface or at well is 1150 ft. Total depth of well: 140 ft.

Completed well is shallow indicate artesian. Depth to water upon completion of well: 60 ft.

Section 2. PRINCIPAL WATER-BEARING STRATA

<table>
<thead>
<tr>
<th>Depth in Feet</th>
<th>Thickness in Feet</th>
<th>Description of Water-Bearing Formation</th>
<th>Estimated Yield (gallons per minute)</th>
</tr>
</thead>
<tbody>
<tr>
<td>From 160</td>
<td>To 161</td>
<td>1 gravel</td>
<td>15</td>
</tr>
</tbody>
</table>

Section 3. RECORD OF CASING

<table>
<thead>
<tr>
<th>Diameter (inches)</th>
<th>Pounds per foot</th>
<th>Threads per in.</th>
<th>Depth in Feet</th>
<th>Length (feet)</th>
<th>Type of Shoe</th>
<th>Perforations</th>
</tr>
</thead>
<tbody>
<tr>
<td>5</td>
<td>PVC</td>
<td>0</td>
<td>Top: 0</td>
<td>Bottom: 140</td>
<td>140</td>
<td>From: 40</td>
</tr>
<tr>
<td></td>
<td></td>
<td>+1</td>
<td>Top: 120</td>
<td>Bottom: 140</td>
<td>120</td>
<td>To: 60</td>
</tr>
<tr>
<td>6</td>
<td>steel</td>
<td>2</td>
<td>Top: 2</td>
<td>Bottom: 3</td>
<td>3</td>
<td></td>
</tr>
</tbody>
</table>

Section 4. RECORD OF MUDDING AND CEMENTING

<table>
<thead>
<tr>
<th>Depth in Feet</th>
<th>Hole Diameter</th>
<th>Sacks of Mud</th>
<th>Cubic Feet of Cement</th>
<th>Method of Placement</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Section 5. PLUGGING RECORD

Plugging Contractor:
Address:
Plugging Method:
Date Well Plugged:
Plugging approved by:

State Engineer Representative:

Date Received: DECEMBER 15, 1997
Quad: FWL
File No.: T-03232
Use: LIVESTOCK
Location No.: 10S.10E.3.22
Section 7. REMARKS AND ADDITIONAL INFORMATION

[Blank lines]

Red clay, sandstone & gravel

Color and type of material encountered
Greetings:

Enclosed is your copy of the well record for the above numbered permit, which has been accepted for filing.

Sincerely,

[Signature]

Tom Valverde,
Tularosa Basin Supervisor

TJV:eh

(505) 524-6161

Enclosure
cc: Santa Fe Office

wellrcv
**WELL RECORD & LOG**

**OFFICE OF THE STATE ENGINEER**

**WWW.OSE.STATE.NM.US**

---

**POD NUMBER (WELL NUMBER):** POD 1

**OSE FILE NUMBER(S):** T 05491

**WELL OWNER NAME(S):** Rick Edmisten

**PHONE (OPTIONAL):** 575-973-2922

**WELL OWNER MAILING ADDRESS:**

156 Nogal Canyon Road

**CITY:** Nogal

**STATE:** NM

**ZIP:** 88341

---

**WELL LOCATION (FROM GPS):**

<table>
<thead>
<tr>
<th>DEGREES</th>
<th>MINUTES</th>
<th>SECONDS</th>
</tr>
</thead>
<tbody>
<tr>
<td>33</td>
<td>32</td>
<td>24.90 N</td>
</tr>
<tr>
<td>105</td>
<td>42</td>
<td>24.80 W</td>
</tr>
</tbody>
</table>

* ACCURACY REQUIRED: ONE TENTH OF A SECOND

* DATUM REQUIRED: WGS 84

**DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS:** 156 Nogal Canyon Road, Nogal

---

**OPTIONAL:**

- **(2.5 ACRE)**
- **(10 ACRE)**
- **(40 ACRE)**
- **(160 ACRE)**

**SECTIONS**

**TOWNSHIP**

**RANGE**

**LOT NUMBER**

**BLOCK NUMBER**

**UNIT/TRACT**

**HYDROGRAPHIC SURVEY**

**MAP NUMBER**

**TRACT NUMBER**

---

**LICENSE NUMBER:** WD72

**NAME OF LICENSED DRILLER:** Kevin Usrey

**NAME OF WELL DRILLING COMPANY:** Usrey Drilling LLC

**DRILLING STARTED:** 07/27/08

**DRILLING ENDED:** 07/28/08

**DEPTH OF COMPLETED WELL (FT):** 153

**BORE HOLE DEPTH (FT):** 153

**DEPTH WATER FIRST ENCOUNTERED (FT):** 33

**STATIC WATER LEVEL IN COMPLETED WELL (FT):** 24

**COMPLETED WELL IS:**

- [ ] ARTEIAN
- [ ] DRY HOLE
- [ ] SHALLOW (UNCONFIRMED)

**DRILLING FLUID:**

- [ ] AIR
- [ ] MUD
- [ ] ADDITIVES - SPECIFY:

**DRILLING METHOD:**

- [ ] ROTARY
- [ ] HAMMER
- [ ] CARB TOOL
- [ ] OTHER - SPECIFY:

**DEPTH (FT):**

<table>
<thead>
<tr>
<th>FROM</th>
<th>TO</th>
<th>BORE HOLE DIA. (IN)</th>
<th>CASING MATERIAL</th>
<th>CONNECTION TYPE (CASING)</th>
<th>INSIDE DIA. CASING (IN)</th>
<th>CASING WALL THICKNESS (IN)</th>
<th>SLOT SIZE (IN)</th>
</tr>
</thead>
<tbody>
<tr>
<td>+2</td>
<td>153</td>
<td>7.5</td>
<td>PVC</td>
<td>Strap</td>
<td>4.5</td>
<td>SDR17</td>
<td>0.030</td>
</tr>
</tbody>
</table>

**FORMATION DESCRIPTION OF PRINCIPAL WATER-BEARING STRATA (INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES):**

<table>
<thead>
<tr>
<th>FROM</th>
<th>TO</th>
<th>THICKNESS (FT)</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>33</td>
<td>35</td>
<td>2</td>
<td>Brown - Sand and Gravel</td>
</tr>
<tr>
<td>143</td>
<td>147</td>
<td>4</td>
<td>Grey - Intrusive Rock (Fractured)</td>
</tr>
</tbody>
</table>

**METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA:** Bucket and Stop Watch

**TOTAL ESTIMATED WELL YIELD (GPM):** 9

---

**FOR OSE INTERNAL USE**

**FILE NUMBER:** TRN-411669

**POD NUMBER:** POD 1

**TRN NUMBER:** File No. T-5491

**PERMIT NUMBER:** T-5491 POD1

---

**STATE ENGINEER**

**US CITIES, NEW MEXICO**

**RECEIVED**

2008 OCT 9 PM 4:30
<table>
<thead>
<tr>
<th>Depth (FT) From</th>
<th>0</th>
<th>9</th>
<th>35</th>
<th>38</th>
<th>147</th>
<th>151</th>
<th>153</th>
</tr>
</thead>
<tbody>
<tr>
<td>Depth (FT) To</td>
<td>9</td>
<td>35</td>
<td>38</td>
<td>147</td>
<td>151</td>
<td>153</td>
<td></td>
</tr>
<tr>
<td>Thickness (FT)</td>
<td>9</td>
<td>9</td>
<td>3</td>
<td>109</td>
<td>4</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>Material</td>
<td>Brown - Top Soil</td>
<td>Brown - Sand and Gravel (Water @ 33')</td>
<td>Grey - Clay</td>
<td>Grey - Intrusive Rock (Fractured @ 143-147')</td>
<td>Grey - Clay</td>
<td>Blue - Quartzite</td>
<td></td>
</tr>
<tr>
<td>Water Bearing?</td>
<td>NO</td>
<td>NO</td>
<td>NO</td>
<td>NO</td>
<td>NO</td>
<td>NO</td>
<td>NO</td>
</tr>
</tbody>
</table>

Additional statements or explanations:

The undersigned hereby certifies that, to the best of his or her knowledge and belief, the foregoing is a true and correct record of the above described hole and that he or she will file this well record with the State Engineer and the permit holder within 90 days after completion of well drilling.

Signature of Driller: [Signature]
Date: [2/29/08]

For OSE Internal Use

File Number: TRN-411669
Location:

Well Record & Log (Version 6/9/08)

File No. T-5491 POD1
Permit No. T-5491 POD1
MATT PATTERSON  
APPLE VALLEY RANCH  
156 NOGAL CANYON RD  
NOGAL, NM  88341  

Greetings:

Enclosed is your copy of the well record for the above numbered permit, which has been accepted for filing.

Sincerely,

[Signature]

Linda Filosa  
(575) 574-6161  

Enclosure  
wellrrcv
# WELL RECORD & LOG

**OFFICE OF THE STATE ENGINEER**

**www.ose.state.nm.us**

## 1. GENERAL AND WELL LOCATION

<table>
<thead>
<tr>
<th>POD NUMBER (WELL NUMBER)</th>
<th>WELL OWNER NAME(S)</th>
<th>PHONE (OPTIONAL)</th>
<th>CITY</th>
<th>STATE</th>
<th>ZIP</th>
</tr>
</thead>
<tbody>
<tr>
<td>POD 1</td>
<td>Rick Edmisten</td>
<td>575-973-2922</td>
<td>Nogal</td>
<td>NM</td>
<td>88341</td>
</tr>
</tbody>
</table>

### WELL LOCATION (FROM GPS)

- **LATITUDE**: 33° 32' 26.00" N
- **LONGITUDE**: 105° 42' 25.30" W

*ACCURACY REQUIRED: ONE TENTH OF A SECOND
*DATUM REQUIRED: WGS 84

**DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS**

156 Nogal Canyon Road, Nogal

## 2. OPTIONAL

<table>
<thead>
<tr>
<th>(2.5 ACRE)</th>
<th>(10 ACRE)</th>
<th>(40 ACRE)</th>
<th>(160 ACRE)</th>
<th>SECTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>¼</td>
<td>¼</td>
<td>¼</td>
<td>¼</td>
<td></td>
</tr>
</tbody>
</table>

**SUBDIVISION NAME**

**LOT NUMBER**:    

**BLOCK NUMBER**:  

**UNIT/TRACT**:    

**HYDROGRAPHIC SURVEY**

**MAP NUMBER**:    

**TRACT NUMBER**:  

## 3. DRILLING INFORMATION

<table>
<thead>
<tr>
<th>LICENSE NUMBER</th>
<th>NAME OF LICENSED DRILDER</th>
<th>NAME OF WELL DRILLING COMPANY</th>
</tr>
</thead>
<tbody>
<tr>
<td>WD72</td>
<td>Kevin Usrey</td>
<td>Usrey Drilling LLC.</td>
</tr>
</tbody>
</table>

**DRILLING DATES**

- **DRILLING STARTED**: 07/25/08
- **DRILLING ENDED**: 07/26/08

**DEPTH OF COMPLETED WELL (FT)**

- 176

**BORE HOLE DEPTH (FT)**

- 176

**DEPTH WATER FIRST ENCOUNTERED (FT)**

- 35

**STATIC WATER LEVEL IN COMPLETED WELL (FT)**

- 28

**DRILLING FLUID:**

- AIR

**DRILLING METHOD:**

- ROTARY

### DEPTH (FT)

- FROM 0 TO 2: 176
- FROM 176 TO 35: 7.5

**CASING MATERIAL:**

- PVC

**CONNECTION TYPE (CASING):**

- Strap

**INSIDE DIA. CASING (IN):**

- 4.5

**CASING WALL THICKNESS (IN):**

- SDR17

**SLOT SIZE (IN):**

- 0.030

**FORMATION DESCRIPTION OF PRINCIPAL WATER-BEARING STRATA**

<table>
<thead>
<tr>
<th>DEPTH (FT)</th>
<th>THICKNESS (FT)</th>
<th>FORMATION DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>35</td>
<td>38</td>
<td>Brown - Sand and Gravel</td>
</tr>
<tr>
<td>132</td>
<td>134</td>
<td>Grey - Intrusive Rock (Seam)</td>
</tr>
<tr>
<td>157</td>
<td>160</td>
<td>Grey - Intrusive Rock (Fracture)</td>
</tr>
</tbody>
</table>

**YIELD (GPM):**

- 4
- 2
- 14

**TOTAL ESTIMATED WELL YIELD (GPM):**

- 20

## 4. WATER BEARING STRATA

**METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA**

- Bucket and Stop Watch

**TOTAL ESTIMATED WELL YIELD (GPM):**

- 20

## FOR OSE INTERNAL USE

<table>
<thead>
<tr>
<th>FILE NUMBER</th>
<th>POD NUMBER</th>
<th>TRN NUMBER</th>
<th>LOCATION</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>TRN-411666</td>
</tr>
</tbody>
</table>
**5. Seal and Pump**

<table>
<thead>
<tr>
<th>TYPE OF PUMP</th>
<th>SUBMERSIBLE</th>
<th>JET</th>
<th>NO PUMP – WELL NOT EQUIPPED</th>
<th>TURBINE</th>
<th>CYLINDER</th>
<th>OTHER – SPECIFY</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANNULAR SEAL AND GRAVEL PACK</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>DEPTH (FT) FROM</td>
<td>3</td>
<td>TO</td>
<td>20</td>
<td>MATERIAL TYPE AND SIZE</td>
<td>Concrete</td>
<td>AMOUNT (CUBIC FT)</td>
</tr>
</tbody>
</table>

**6. Geologic Log of Well**

<table>
<thead>
<tr>
<th>DEPTH (FT) FROM</th>
<th>TO</th>
<th>THICKNESS (FT)</th>
<th>COLOR AND TYPE OF MATERIAL ENCOUNTERED (INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES)</th>
<th>WATER BEARING?</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>8</td>
<td>8</td>
<td>Brown - Top Soil</td>
<td>NO</td>
</tr>
<tr>
<td>8</td>
<td>38</td>
<td>30</td>
<td>Brown - Sand and Gravel</td>
<td>NO</td>
</tr>
<tr>
<td>38</td>
<td>42</td>
<td>4</td>
<td>Grey - Clay</td>
<td>NO</td>
</tr>
<tr>
<td>42</td>
<td>134</td>
<td>92</td>
<td>Grey - Intrusive Rock (Water @ 132-134')</td>
<td>NO</td>
</tr>
<tr>
<td>134</td>
<td>139</td>
<td>5</td>
<td>Grey - Clay</td>
<td>NO</td>
</tr>
<tr>
<td>139</td>
<td>160</td>
<td>21</td>
<td>Grey - Intrusive Rock (Fractured @ 157-160')</td>
<td>NO</td>
</tr>
<tr>
<td>160</td>
<td>162</td>
<td>2</td>
<td>Grey - Clay</td>
<td>NO</td>
</tr>
<tr>
<td>162</td>
<td>176</td>
<td>14</td>
<td>Grey - Intrusive Rock</td>
<td>NO</td>
</tr>
</tbody>
</table>

ATTACH ADDITIONAL PAGES AS NEEDED TO FULLY DESCRIBE THE GEOLOGIC LOG OF THE WELL.

**7. Test & Additional Info**

**WELL TEST**

METHOD: BAILER / PUMP / AIR LIFT / OTHER – SPECIFY

TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD.

**Additional Statements or Explanations**

**8. Signature**

THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THE PERMIT HOLDER WITHIN 20 DAYS AFTER COMPLETION OF WELL DRILLING:

**Signature of Driller**

**Date**

FOR USE INTERNAL USE

<table>
<thead>
<tr>
<th>FILE NUMBER</th>
<th>POD NUMBER</th>
<th>TRN NUMBER</th>
</tr>
</thead>
<tbody>
<tr>
<td>TRN-411666</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

WELL RECORD & LOG (Version 6/9/08)

File No. T-5490 POD1

Permit No. T-5490 POD1
STATE OF NEW MEXICO
OFFICE OF THE STATE ENGINEER

Oct. 21, 2008

MATT PATTERSON
RICK EDMISTEN
156 NOGAL CANYON RD
NOGAL, NM 88341

Greetings:

Enclosed is your copy of the well record for the above numbered permit, which has been accepted for filing.

Sincerely,

[Signature]

Linda Filosa
(575) 524-6161

Enclosure

wellrrcv
## Section 1. GENERAL INFORMATION

(A) Owner of well: K28C LAND CO.

Well was drilled under Permit No. **T-272** and is located in the:

a. **NW** ¼ **SE** ¼ **NW** ¼ **SE** ¼ of Section **8** Township **9S** Range **13E** N.M.P.M.

b. Tract No., of Map No. of the ____________

c. Lot No., of Block No. of the ____________

Subdivision, recorded in **LINCOLN** County.

d. X=___________ feet, Y=___________ feet, N.M. Coordinate System Zone in the ____________ County.

(B) Drilling Contractor: **L 4 L WELL DRILLING & PUMP CO.**, License No. **W0-1305**

Address: P.O. Box 159, **NOGALE, NVA 88341**

Drilling Began **4/23/76** Completed **4/26/76** Type tools **ROTARY** Size of hole **7.5** in.

Elevation of land surface or ____________ at well is ____________ ft. Total depth of well **140** ft.

Completed well is ☐ shallow ☐ artesian. Depth to water upon completion of well ____________ ft.

## Section 2. PRINCIPAL WATER-BEARING STRATA

<table>
<thead>
<tr>
<th>Depth in Feet</th>
<th>Thickness in Feet</th>
<th>Description of Water-Bearing Formation</th>
<th>Estimated Yield (gallons per minute)</th>
</tr>
</thead>
<tbody>
<tr>
<td>From</td>
<td>To</td>
<td></td>
<td></td>
</tr>
<tr>
<td>93</td>
<td>94</td>
<td>OLIVE GREEN ANDESITE</td>
<td>3 GPM</td>
</tr>
<tr>
<td>118</td>
<td>130</td>
<td>BROWN &amp; GREEN ANDESITE</td>
<td>3 GPM</td>
</tr>
<tr>
<td>135</td>
<td>138</td>
<td>FINE GRAVEL</td>
<td>25-30 GPM</td>
</tr>
</tbody>
</table>

## Section 3. RECORD OF CASING

<table>
<thead>
<tr>
<th>Diameter (inches)</th>
<th>Pounds per foot</th>
<th>Threads per in.</th>
<th>Depth in Feet</th>
<th>Length (feet)</th>
<th>Type of Shoe</th>
<th>Perforations</th>
</tr>
</thead>
<tbody>
<tr>
<td>4½</td>
<td>160 PSI PVC</td>
<td>1</td>
<td>-1 140 141</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

## Section 4. RECORD OF MUDDING AND CEMENTING

<table>
<thead>
<tr>
<th>Depth in Feet</th>
<th>Hole Diameter</th>
<th>Sacks of Mud</th>
<th>Cubic Feet of Cement</th>
<th>Method of Placement</th>
</tr>
</thead>
<tbody>
<tr>
<td>From</td>
<td>To</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Section 5. PLUGGING RECORD</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Plugging Contractor</th>
<th>Address</th>
<th>Date Well Plugged</th>
<th>Plugging approved by</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>No.</th>
<th>Depth in Feet</th>
<th>Cubic Feet of Cement</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

FOR USE OF STATE ENGINEER ONLY

Date Received: **May 8, 1996**

File No.: **T-272** Use: **REPAIR & DEEPEN** Location No. **9S.12E.8.141**
### Section 6. LOG OF HOLE

<table>
<thead>
<tr>
<th>Depth in Feet</th>
<th>Thickness in Feet</th>
<th>Color and Type of Material Encountered</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td><strong>WELL WAS 50' DEEP AT START</strong></td>
</tr>
<tr>
<td>50</td>
<td>77</td>
<td><strong>GRAY GREEN ANDESITE</strong></td>
</tr>
<tr>
<td>77</td>
<td>78</td>
<td><strong>TAN SANDY CLAY</strong></td>
</tr>
<tr>
<td>78</td>
<td>90</td>
<td><strong>GREEN ANDESITE</strong></td>
</tr>
<tr>
<td>90</td>
<td>93</td>
<td><strong>TAN SANDY CLAY</strong></td>
</tr>
<tr>
<td>93</td>
<td>94</td>
<td><strong>OLIVE GREEN ANDESITE</strong></td>
</tr>
<tr>
<td>94</td>
<td>110</td>
<td><strong>GREEN ANDESITE</strong></td>
</tr>
<tr>
<td>110</td>
<td>118</td>
<td><strong>BLUE BASALT</strong></td>
</tr>
<tr>
<td>118</td>
<td>130</td>
<td><strong>BROWN &amp; GREEN ANDESITE</strong></td>
</tr>
<tr>
<td>130</td>
<td>135</td>
<td><strong>GRAY GREEN ANDESITE</strong></td>
</tr>
<tr>
<td>135</td>
<td>138</td>
<td><strong>FINE GRAVEL</strong></td>
</tr>
<tr>
<td>138</td>
<td>140</td>
<td><strong>GREEN ANDESITE</strong></td>
</tr>
</tbody>
</table>

---

**Section 7. REMARKS AND ADDITIONAL INFORMATION**

---

The undersigned hereby certifies that, to the best of his knowledge and belief, the foregoing is a true and correct record of the above described hole.

---

INSTRUCTIONS. This form should be executed in triplicate, preferably typewritten, and submitted to the appropriate district office of the State Engineer. All sections, except Section 5, shall be answered as completely and accurately as possible when any well is drilled, repaired or deepened. When this form is used as a plugging record, only Section 1 and Section 5 need be completed.
FILE: T-272
K2BC Land Co.
P. O. Box 155
Nogal, NM 88341

Dear Permittee:

Enclosed is your copy of Well Record to Repair or Deepen Well No. T-272, which has been filed subject to the conditions as noted on your permit.

Your attention is called to the reverse side of your permit to all General Conditions of Approval.

Please advise this office of any change in mailing address that may occur in the future. If the property is ever sold, a change of ownership for the well must be filed at the county clerk's office, in the county in which the well was drilled, in accordance with state law.

This is the final filing under the Permit to Repair or Deepen Well No. T-272.

Sincerely,

J. B. Nixon,
Supervisor District 4

JBN:eah
enc: Well Record to Repair or Deepen Well
cc: State Engineer
NEW MEXICO OFFICE OF THE STATE ENGINEER
WELL RECORD

1. OWNER OF WELL
   Name: Mary Virginia Sanders
   Contact: ________________________________ Home Phone: 505-257-5555
   Address: PO Box 21 ___________________________ Work Phone: 505-354-0422
   City: Nogal State: NM Zip: 88341

2. LOCATION OF WELL (A, B, C, or D REQUIRED, E or F if known)
   A. NW 1/4 SW 1/4 SW 1/4 Section: 18 Township: 9S Range: 13E N.M.P.M
      in Lincoln county.
   B. x = ______ feet, Y= ______ feet, N.M. Coordinate System
      zone in the ___________________________ Grant.
      U.S.G.S Quad Map ____________.
   C. Latitude: ______ d ______ m _____ s Longitude: ______ d ______ m _____ s
   D. East ________ (m), North ________ (m), UTM Zone 13, NAD______ (27 or 83)
   E. Tract No.______, Map No.________ of the __________________________ Hydrographic Survey
   F. Lot No.____ Block No.____ of Unit/Tract ________________ of the
      _______ Subdivision recorded in ___________ county.
   G. Other: ____________________________________________
   H. Give State Engineer File Number if existing well: ____________
   I. On land owned by (required): APPLICANT.

3. DRILLING CONTRACTOR
   License Number: WD-1537
   Name: CHAD HARVEY
   Agent: ____________________________
   Mailing Address: PO BOX 7933
   City: RUIDOSO State: NM Zip: 88355
   Work Phone: 505-336-1876
   Home Phone: 505-336-1876

4. DRILLING RECORD
   Drilling began: 08/29/2006 Completed: 08/31/2006 Type tools: ROTARY
   Size of hole: 7 7/8" in.; Total depth of well: 84 ft.;
   Completed well is: SHALLOW (shallow, artesian);
   Depth to water upon completion of well: 28 ft.

File Number: T-5127 Trm Number: 360680
Form: wr-01

TRN-360680
NEW MEXICO OFFICE OF THE STATE ENGINEER
WELL RECORD

5. PRINCIPAL WATER-BEARING STRATA

<table>
<thead>
<tr>
<th>Depth in Feet</th>
<th>Thickness in feet</th>
<th>Description of water-bearing formation</th>
<th>Estimated Yield (GPM)</th>
</tr>
</thead>
<tbody>
<tr>
<td>42</td>
<td>84</td>
<td>fractured limestone conglomerate</td>
<td>110</td>
</tr>
</tbody>
</table>

6. RECORD OF CASING

<table>
<thead>
<tr>
<th>Diameter (inches)</th>
<th>Pounds per ft.</th>
<th>Threads per in.</th>
<th>Depth in Feet</th>
<th>Length (feet)</th>
<th>Type of Shoe</th>
<th>Perforations</th>
</tr>
</thead>
<tbody>
<tr>
<td>4 1/2&quot;</td>
<td>pvc</td>
<td>pvc</td>
<td>0</td>
<td>84</td>
<td>n/a</td>
<td>42</td>
</tr>
<tr>
<td>5&quot;</td>
<td>steel</td>
<td>steel</td>
<td>0+24</td>
<td>84</td>
<td></td>
<td>-</td>
</tr>
<tr>
<td>6&quot;</td>
<td>steel</td>
<td>steel</td>
<td>0</td>
<td>30</td>
<td></td>
<td>-</td>
</tr>
</tbody>
</table>

7. RECORD OF MUDDING AND CEMENTING

<table>
<thead>
<tr>
<th>Depth in Feet</th>
<th>Hole Diameter</th>
<th>Sacks of mud</th>
<th>Cubic Feet of cement</th>
<th>Method of Placement</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

8. PLUGGING RECORD

Plugging Contractor: ____________________________
Address: ______________________________________
Plugging Method: ______________________________
Date Well Plugged: ____________________________

Plugging approved by: __________________________
STATE ENGINEER REPRESENTATIVE

<table>
<thead>
<tr>
<th>No.</th>
<th>Depth in feet Top</th>
<th>Cubic Feet of Cement</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>5.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

File Number: T-5127
Trm Number: 360680
NEW MEXICO OFFICE OF THE STATE ENGINEER
WELL RECORD

9. LOG OF HOLE

<table>
<thead>
<tr>
<th>DEPTH IN FEET FROM TO</th>
<th>THICKNESS IN FEET</th>
<th>COLOR AND TYPE OF MATERIAL ENCOUNTERED</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 - 3</td>
<td>3</td>
<td>top soil</td>
</tr>
<tr>
<td>3 - 9</td>
<td>6</td>
<td>brown dirt</td>
</tr>
<tr>
<td>9 - 28</td>
<td>19</td>
<td>boulders, sand &amp; gravel</td>
</tr>
<tr>
<td>28 - 42</td>
<td>14</td>
<td>red sandy clay</td>
</tr>
<tr>
<td>42 - 84</td>
<td>42</td>
<td>fractured lime conglomerate</td>
</tr>
</tbody>
</table>
NEW MEXICO OFFICE OF THE STATE ENGINEER
WELL RECORD

10. ADDITIONAL STATEMENTS OR EXPLANATIONS:

The undersigned hereby certifies that, to the best of his knowledge and belief, the foregoing is a true and correct record of the above described hole.

Driller

8/31/06
(mm/dd/year)

FOR STATE ENGINEER USE ONLY

Quad ____; FWL ____; FSL ____; Use _______; Location No. _______

File Number: T-5127
Trn Number: 360680

TRN-360680
John R. D Antonio, Jr., P.E.
State Engineer

STATE OF NEW MEXICO
OFFICE OF THE STATE ENGINEER

Trn Nbr: 360680
File Nbr: T 05127
Well File Nbr: T 05127 POD1

Nov. 16, 2006

MARY VIRGINIA SANDERS
P O BOX 21
NOGAL, NM 88341

Greetings:

Enclosed is your copy of the well record for the above numbered permit, which has been accepted for filing.

Sincerely,

[Signature]
Linda Filosa
(505)524-6161

Enclosure
cc: Santa Fe Office
wellrrcv
STATE ENGINEER OFFICE
WELL RECORD

Section 1. GENERAL INFORMATION

(A) Owner of well: Jim L. Ross
Owner's Well No.: T-4345
Street or Post Office Address: P.O. Box 252
City and State: Cottonwood, N.M. 88516

Well was drilled under Permit No. 247.55, and is located in the:

a. Section 10, Township 8S, Range 11E, N.M.P.M.

b. Tract No. of Map No. of the

Subdivision, recorded in Lincoln County:

Lot No. 15 of Block No. 1 of the Barren Valley

Zone in

N.M. Coordinate System:

Lot

C. E. Grant.

(B) Drilling Contractor: Ed Beene
License No.: 1859
Address: 2814 S. Adobe Pkwy.

Drilling Began: 11-10-03
Completed: 11-13-03
Type tools: Air Rotary
Size of hole: 4 1/2 in.

Elevation of land surface or Water table is 6200 ft. Total depth of well is 900 ft.

Completed well is shallow. Depth to water upon completion of well is 130 ft.

Section 2. PRINCIPAL WATER-BEARING STRATA

<table>
<thead>
<tr>
<th>Depth in Feet</th>
<th>Thickness in Feet</th>
<th>Description of Water-Bearing Formation</th>
<th>Estimated Yield (gallons per minute)</th>
</tr>
</thead>
<tbody>
<tr>
<td>From</td>
<td>To</td>
<td></td>
<td></td>
</tr>
<tr>
<td>220</td>
<td>260</td>
<td>40</td>
<td>10</td>
</tr>
</tbody>
</table>

Section 3. RECORD OF CASING

<table>
<thead>
<tr>
<th>Diameter (inches)</th>
<th>Pounds per foot</th>
<th>Threads per in.</th>
<th>Depth in Feet</th>
<th>Length (feet)</th>
<th>Type of Shoe</th>
<th>Perforations</th>
</tr>
</thead>
<tbody>
<tr>
<td>5&quot; 00</td>
<td>150</td>
<td>14/C</td>
<td>0</td>
<td>300</td>
<td>20</td>
<td>0</td>
</tr>
</tbody>
</table>

Section 4. RECORD OF MUDDING AND CEMENTING

<table>
<thead>
<tr>
<th>Depth in Feet</th>
<th>Hole Diameter</th>
<th>Sacks of Mud</th>
<th>Cubic Feet of Cement</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Section 5. PLUGGING RECORD

<table>
<thead>
<tr>
<th>Date</th>
<th>No.</th>
<th>Depth in Feet</th>
<th>Pct.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>1</td>
<td>Top</td>
<td>Bottom</td>
</tr>
<tr>
<td></td>
<td></td>
<td>0</td>
<td></td>
</tr>
</tbody>
</table>

Plugging Contractor: Ed Beene
Address: 2814 S. Adobe Pkwy.
Date Well Plugged: 11-13-03
Plugging approved by: State Engineer Representative:

Date Revised: January 2, 2004
T-04345

For USE OF STATE ENGINEER ONLY

08S, 11E, 10.444
TRN274755

File No. 1
Use Location No.
<table>
<thead>
<tr>
<th>Depth in Feet</th>
<th>Thickness in Feet</th>
<th>Color and Type of Material Encountered</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>20</td>
<td>Top soil &amp; gravel</td>
</tr>
<tr>
<td>20</td>
<td>40</td>
<td>Red clay &amp; gravel</td>
</tr>
<tr>
<td>40</td>
<td>160</td>
<td>Light red sandstone</td>
</tr>
<tr>
<td>160</td>
<td>230</td>
<td>Dark sandstone</td>
</tr>
<tr>
<td>230</td>
<td>260</td>
<td>Mauve sandstone</td>
</tr>
<tr>
<td>260</td>
<td>300</td>
<td>Light sandstone</td>
</tr>
</tbody>
</table>

Section 7. REMARKS AND ADDITIONAL INFORMATION

The undersigned hereby certifies that, to the best of his knowledge and belief, the foregoing is a true and correct record of the above-described hole.

Driller

INSTRUCTIONS: This form should be executed in triplicate, preferably typewritten, and submitted to the appropriate district office of the State Engineer. All sections, except Section 5, shall be answered as completely and accurately as possible when any well is drilled, repaired or deepened. When this form is used as a plugging record, only Section 1(a) and Section 5 need be completed.
Trn Nbr: 274755
File Nbr: T 04345
Well File Nbr: T 04345

Jan. 02, 2004

JIM L BOSS
P.O. BOX 752
CAPITAN, NM 88316

Greetings:

Enclosed is your copy of the well record for the above numbered permit, which has been accepted for filing.

Sincerely,

Susan Benoit
(505)524-6161

Enclosure
cc: Santa Fe Office

wellrrcv
STATE ENGINEER OFFICE
WELL RECORD

Section 1. GENERAL INFORMATION

(A) Owner of well: DOUG WITTAKER
Street or Post Office Address: P.O. BOX 263
City and State: CARRIZOZO, NM 88311

Well was drilled under Permit No. 2-2191 and is located in the:

a. NW ¼ SW ¼ NW ¼ SW ¼ ¼ of Section 10 Township 8 S Range 2 M.P.M.

b. Tract No. _______ of Map No. _______ of the _______

c. Lot No. _______ of Block No. _______ of the _______

Subdivision, recorded in _______ County.

d. X= _______ feet, Y= _______ feet, N.M. Coordinate System _______ Zone in the _______ County.

(B) Drilling Contractor: BRAZIEL WELL DRILLING ENC
License No: WD-601

Address: P.O. BOX 458 LA LUG, NM 88337

Drilling Began 2-18-92 Completed 2-20-92 Type tools: AIR ROTARY Size of hole: 8 in.

Elevation of land surface or Completed well is ☑ shallow ☐ artesian. Depth to water upon completion of well 50 ft.

Section 2. PRINCIPAL WATER-BEARING STRATA

<table>
<thead>
<tr>
<th>Depth in Feet</th>
<th>Thickness in Feet</th>
<th>Description of Water-Bearing Formation</th>
<th>Estimated Yield (gallons per minute)</th>
</tr>
</thead>
<tbody>
<tr>
<td>60</td>
<td></td>
<td>in yellow clay</td>
<td>2</td>
</tr>
<tr>
<td>130</td>
<td>135</td>
<td>gravel</td>
<td>20</td>
</tr>
</tbody>
</table>

Section 3. RECORD OF CASING

<table>
<thead>
<tr>
<th>Diameter (inch)</th>
<th>Pounds per foot</th>
<th>Threads per in.</th>
<th>Depth in Feet</th>
<th>Type of Shoe</th>
<th>Perforations</th>
</tr>
</thead>
<tbody>
<tr>
<td>5</td>
<td>PVC</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>6</td>
<td>STEEL</td>
<td>+1</td>
<td>148</td>
<td>4</td>
<td>4</td>
</tr>
</tbody>
</table>

Section 4. RECORD OF MUDDLING AND CEMENTING

<table>
<thead>
<tr>
<th>Depth in Feet</th>
<th>Hole Diameter</th>
<th>Tons of Mud</th>
<th>Cubic Feet of Cement</th>
<th>Method of Placement</th>
</tr>
</thead>
</table>

Section 5. PLUGGING RECORD

Plugging Contractor
Address

Plugging Method
Date Well Plugged
Plugging approved by:

State Engineer Representative

Date Received: February 26, 1992 FOR USE OF STATE ENGINEER ONLY

Quad: FWL  FSL
File No.: 85.10E.10.211
### Section 7: Remarks & Additional Information

<table>
<thead>
<tr>
<th>Color</th>
<th>Depth (in feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td>135</td>
<td>Gray sand</td>
</tr>
<tr>
<td>130</td>
<td>Gray silt</td>
</tr>
<tr>
<td>130</td>
<td>Gravel</td>
</tr>
<tr>
<td>70</td>
<td>Yellow clay</td>
</tr>
<tr>
<td>70</td>
<td>Purple clay</td>
</tr>
<tr>
<td>60</td>
<td>Brown silt clay</td>
</tr>
</tbody>
</table>

**Form:**
- Date: [Missing]
- Name: [Missing]

**Instructions:**
- This form should be completed in English.
- Prevent unauthorized access.
- Submit to the appropriate district office.

**Note:**
- The information provided should be the best of the knowledge and belief of the person involved.
FILE: I-2191

Doug Whittaker  
P. O. Box 203  
Carrizozo, NM 88301

Dear Mr. Whittaker:

Enclosed is your copy of Well Record under Domestic Well Permit No. T-2191, which has been accepted for filing subject to the conditions as noted on your permit.

Your attention is called to the reverse side of your permit to all General Conditions, but special attention is directed to Specific Condition No. 4, which states:

4. Use shall be limited to one household, non-commercial trees, lawn and garden not to exceed one acre and/or stock use.

This is the final filing under Domestic Well Permit No. T-2191

Sincerely,

J. B. Nixon  
Supervisor, District 4

JBN:mm

Encl: Well Record  
cc: State Engineer
STATE ENGINEER OFFICE
WELL RECORD

Section 1. GENERAL INFORMATION

(A) Owner of well: STEPHENSON RANCH INC.
Street or Post Office Address: PO BOX 397
City and State: CARRIZO GROVE, NM 88351

Well was drilled under Permit No. T-1930 and is located in the:

a. ¼ SE ¼ NE ¼ SE ¼ of Section 23, Township 23 N., Range 24 W., NM P.M.

b. Tract No. of Map No. of the

c. Lot No. of Block No. of the

Subdivision, recorded in LINCOLN County.

d. X= feet, Y= feet, N.M. Coordinate System Zone in the

Grant.

(B) Drilling Contractor: WESLEY WENHUNT
License No.: WD-630
Address: PO BOX 905 BOOKOUT NORTHWEST TULAROSA, NM 88352

Drilling Began 4/5/90 Completed 4/6/90 Type tools ROTARY Size of hole 8 in.

Elevation of land surface or at well is ft. Total depth of well 162 ft.

Completed well is shallow artisan. Depth to water upon completion of well 108 ft.

Section 2. PRINCIPAL WATER-BEARING STRATA

<table>
<thead>
<tr>
<th>Depth in Feet</th>
<th>Thickness in Feet</th>
<th>Description of Water-Bearing Formation</th>
<th>Estimated Yield (gallons per minute)</th>
</tr>
</thead>
<tbody>
<tr>
<td>From</td>
<td>To</td>
<td>138</td>
<td>146</td>
</tr>
<tr>
<td>146</td>
<td>162</td>
<td>16</td>
<td>BROKEN SANDSTONE ROCK</td>
</tr>
</tbody>
</table>

Section 3. RECORD OF CASING

<table>
<thead>
<tr>
<th>Diameter (inches)</th>
<th>Pounds per foot</th>
<th>Threads per in.</th>
<th>Depth in Feet</th>
<th>Length (feet)</th>
<th>Type of Shoe</th>
<th>Perforations</th>
</tr>
</thead>
<tbody>
<tr>
<td>4 1/2 FVC</td>
<td></td>
<td></td>
<td>Top</td>
<td>Bottom</td>
<td>NONE</td>
<td>From</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>0</td>
<td>162</td>
<td>162</td>
<td>102</td>
</tr>
</tbody>
</table>

gravel pack 3/8 rock

Section 4. RECORD OF MUDDING AND CEMENTING

<table>
<thead>
<tr>
<th>Depth in Feet From</th>
<th>To</th>
<th>Hole Diameter</th>
<th>Sacks of Mud</th>
<th>Cubic Feet of Cement</th>
<th>Method of Cement</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

| Method of Installation | | |
|------------------------|----------|
| | |

Section 5. PLUGGING RECORD

<table>
<thead>
<tr>
<th>Plugging Contractor</th>
<th>Address</th>
<th>Plugging Method</th>
<th>Date Well Plugged</th>
<th>Plugging approved by</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

State Engineer Representative

FOR USE OF STATE ENGINEER ONLY

Date Received: April 16, 1990
Quad: FWL
File No.: T-1930
Use: Stock
Location No.: 9S. 9E. 23. 222
<table>
<thead>
<tr>
<th>Depth in Feet</th>
<th>Thickness in Feet</th>
<th>Color and Type of Material Encountered</th>
</tr>
</thead>
<tbody>
<tr>
<td>0-8</td>
<td>8</td>
<td>Top Soil Sanded</td>
</tr>
<tr>
<td>8-20</td>
<td>12</td>
<td>Gray Clay Sanded &amp; Solid Rock</td>
</tr>
<tr>
<td>20-62</td>
<td>42</td>
<td>Gravel Sandstone Rock</td>
</tr>
<tr>
<td>62-98</td>
<td>36</td>
<td>Gravel &amp; Sand and Clay Mixed</td>
</tr>
<tr>
<td>98-138</td>
<td>145</td>
<td>Gray Clay Sanded Sandstone Mixed</td>
</tr>
<tr>
<td>138-146</td>
<td>8</td>
<td>Broken Sandstone Rock</td>
</tr>
<tr>
<td>146-162</td>
<td>16</td>
<td></td>
</tr>
</tbody>
</table>

**Section 3: REMARKS AND ADDITIONAL INFORMATION**

The undersigned hereby certifies that, to the best of his knowledge and belief, the foregoing is a true and correct record of the above described hole.

Signature: ___________________________ 

Date: ____________________________

INSTRUCTIONS: This form should be executed in triplicate, preferably typewritten, and submitted to the appropriate district office of the State Engineer. All sections, except Section 5, shall be answered as completely and accurately as possible when any well is drilled, repaired or deepened. When this form is used as a plotting record, only Section 10 and Section 5 need be completed.
FILE:  T-1930

Stephenson Ranch, Inc.
P. O. Box 307
Carrizozo, NM  88301

Gentlemen:

Enclosed is your copy of Well Record under Stock Well Permit No. T-1930, which has been accepted for filing subject to the conditions as noted on your permit.

Your attention is called to the reverse side of your permit to all General Conditions, but special attention is directed to Specific Condition No. 4, which states:

4. Use shall be limited to one household, non-commercial trees, lawn and garden not to exceed one acre and/or stock use.

This is the final filing for stock well permit No. T-1930.

Sincerely,

J. B. Nixon
Supervisor, District 4

JBN:mm

Encl:  Well Record
cc: State Engineer
STATE ENGINEER OFFICE
WELL RECORD

Section 1. GENERAL INFORMATION

(A) Owner of well: Sterling Spencer/Bar W Ranch, Inc. Owner's Well No._____
Street or Post Office Address: P.O. Box 36
City and State: Carrizozo, NM 88301

Well was drilled under Permit No. T-2965 and is located in the:

a. 1/4 1/4 SW 1/4 SW 1/4 of Section 2 Township 7S Range 11E N.M.P.M.
b. Tract No. _______ of Map No. _______ of the _______
c. Lot No. _______ of Block No. _______ of the _______
   Subdivision, recorded in _______ County.
d. X= _______ feet, Y= _______ feet, N.M. Coordinate System _______
   Zone in the _______ Grant.

(B) Drilling Contractor: Darren Waehunt License No. WD-1335
Address: P.O. Box 1018 #12 Blankenship La Luz, NM 88337

Drilling Began: 9-16-96 Completed: 9-17-96 Type tools: Rotary Size of hole: 8 in.
Elevation of land surface or: _______ ft. Total depth of well: 305 ft.
Completed well is: □ shallow □ artesian. Depth to water upon completion of well: 117 ft.

Section 2. PRINCIPAL WATER-BEARING STRATA

<table>
<thead>
<tr>
<th>Depth in Feet</th>
<th>Thickness in Feet</th>
<th>Description of Water-Bearing Formation</th>
<th>Estimated Yield (gallons per minute)</th>
</tr>
</thead>
<tbody>
<tr>
<td>From</td>
<td>To</td>
<td>264</td>
<td>268</td>
</tr>
</tbody>
</table>

Section 3. RECORD OF CASING

<table>
<thead>
<tr>
<th>Diameter (inches)</th>
<th>Founds per foot</th>
<th>Threads per in.</th>
<th>Depth in Feet</th>
<th>Length (feet)</th>
<th>Type of Shoe</th>
<th>Perforations</th>
</tr>
</thead>
<tbody>
<tr>
<td>5&quot; PVC Sch 40 Well casing</td>
<td>0</td>
<td>305</td>
<td>305</td>
<td>none</td>
<td>265</td>
<td>285</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>285</td>
<td>305</td>
</tr>
</tbody>
</table>

Section 4. RECORD OF MUDDING AND CEMENTING

<table>
<thead>
<tr>
<th>Depth in Feet</th>
<th>Hole Diameter</th>
<th>Sacks of Mud</th>
<th>Cubic Feet of Cement</th>
<th>Method of Placement</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Section 5. PLUGGING RECORD

Plugging Contractor
Address
Plugging Method
Date Well Plugged
Plugging approved by: 
State Engineer Representative

FOR USE OF STATE ENGINEER ONLY

Date Received: September 26, 1996
Quad: FWL 8 E - FSL 2 N
File No.: T-2965
Use: Livestock
Location No.: 75711E, 2.33
<table>
<thead>
<tr>
<th>Color and Type of Material Encountered</th>
<th>Depth in Feet</th>
<th>From</th>
<th>To</th>
<th>Inches</th>
</tr>
</thead>
<tbody>
<tr>
<td>121 Black Slate</td>
<td>22</td>
<td>0</td>
<td>47</td>
<td>168</td>
</tr>
<tr>
<td>124 Brown Limestone</td>
<td>36</td>
<td>0</td>
<td>10</td>
<td>168</td>
</tr>
<tr>
<td>264 Gray Slate</td>
<td>268</td>
<td>0</td>
<td>4</td>
<td>278</td>
</tr>
<tr>
<td>305 Gray Slate</td>
<td>278</td>
<td>0</td>
<td>2</td>
<td>266</td>
</tr>
<tr>
<td>10 Black Slate</td>
<td>266</td>
<td>0</td>
<td>4</td>
<td>264</td>
</tr>
<tr>
<td>46 Black Slate</td>
<td>264</td>
<td>0</td>
<td>4</td>
<td>218</td>
</tr>
<tr>
<td>4 Blue &amp; Gray Slate</td>
<td>218</td>
<td>0</td>
<td>4</td>
<td>214</td>
</tr>
<tr>
<td>36 Black Slate</td>
<td>214</td>
<td>0</td>
<td>4</td>
<td>178</td>
</tr>
<tr>
<td>10 Brown Limestone</td>
<td>178</td>
<td>0</td>
<td>10</td>
<td>168</td>
</tr>
<tr>
<td>47 Tan Limestone</td>
<td>168</td>
<td>0</td>
<td>47</td>
<td>121</td>
</tr>
<tr>
<td>23 Black Slate</td>
<td>121</td>
<td>0</td>
<td>23</td>
<td>98</td>
</tr>
<tr>
<td>60 Brown Clay</td>
<td>98</td>
<td>0</td>
<td>60</td>
<td>38</td>
</tr>
<tr>
<td>14 Brown Clay</td>
<td>38</td>
<td>0</td>
<td>14</td>
<td>24</td>
</tr>
<tr>
<td>24 Brown Clay</td>
<td>24</td>
<td>0</td>
<td>24</td>
<td>0</td>
</tr>
</tbody>
</table>
FILE: T-2965

Sterling Spencer
Bar W Ranch, Inc.
P. O. Box 36
Carrizozo, NM 88301

Dear Mr. Spencer:

Enclosed is your copy of Well Record under Livestock Well Permit No. T-2965, which has been accepted for filing subject to the conditions as noted on your permit.

Your attention is called to the reverse side of your permit to all General Conditions, but special attention is directed to Specific Condition No. 4, which states:

4. Use shall be limited to household, noncommercial trees, lawn and garden not to exceed one acre and/or stock use.

Please advise this office of any change in mailing address that may occur in the future. If the property is ever sold, a change of ownership for the well must be filed first at the State Engineer Office and recorded with the county clerk's office, in the county in which the well was drilled, in accordance with state law.

This is the final filing under the above-numbered permit.

Sincerely,

J. B. Nixon
Supervisor, District 4

JBN:raj

Encl: Well Record

cc: State Engineer
STATE ENGINEER OFFICE  
WELL RECORD  

T-03981  
TRN216328  

Section 1. GENERAL INFORMATION  

(A) Owner of well  
Bar W Ranch  
S.T. Spencer  
Owner's Well No.  

Street or Post Office Address  
P.O. Box 731  
Carrizozo, NM 88301  

City and State  

Well was drilled under Permit No.  
T03981  
and is located in the:  

a.  NE ¼ NE ¼ SE ¼ ¼ of Section 13  Township 06S  Range 10E N.M.P.M.  
b. Tract No. of Map No. of the  

c. Lot No. of Block No. of the  
Subdivision, recorded in  
County.  
d. X= feet, Y= feet, N.M. Coordinate System Zone in 
the  

(B) Drilling Contractor  
Darren Weehunt/Weehunt Well Tech  
License No. WD-1335  

Address  
P.O. Box 1018  La Luz, NM 88337  

Drilling Began  
11-10-01  Completed 1-15-01  
Type tools rotary  Size of hole 7 7/8 in.  
Elevation of land surface or st well is ft. Total depth of well ft.  
Completed well is  
shallow  un  
Depth to water upon completion of well ft.  

Section 2. PRINCIPAL WATER-BEARING STRATA  

<table>
<thead>
<tr>
<th>Depth in Feet</th>
<th>Thickness in Feet</th>
<th>Description of Water-Bearing Formation</th>
<th>Estimated Yield (gallons per minute)</th>
</tr>
</thead>
<tbody>
<tr>
<td>390-395</td>
<td>5</td>
<td>Broken grey sandstone</td>
<td>14 gpm</td>
</tr>
<tr>
<td>41-420</td>
<td>4</td>
<td>Broken grey &amp; yellow sandstone</td>
<td>65 gpm</td>
</tr>
</tbody>
</table>

Section 3. RECORD OF CASING  

<table>
<thead>
<tr>
<th>Diameter (inches)</th>
<th>Pounds per foot</th>
<th>Threads per in.</th>
<th>Depth in Feet</th>
<th>Length (feet)</th>
<th>Type of Shoe</th>
<th>Perforations</th>
</tr>
</thead>
<tbody>
<tr>
<td>5&quot; PVC casing</td>
<td>SDR21</td>
<td></td>
<td>0</td>
<td>440</td>
<td>none</td>
<td>380</td>
</tr>
</tbody>
</table>

gravel pack  

Section 4. RECORD OF HUDDING AND CEMENTING  

<table>
<thead>
<tr>
<th>Depth in Feet</th>
<th>Hole Diameter</th>
<th>Sacks of Mud</th>
<th>Cubic Feet of Cement</th>
<th>Method of Placement</th>
</tr>
</thead>
</table>

Section 5. PLUGGING RECORD  

Plugging Contractor  
Address  

Plugging Method  

Date Well Plugged  

Plugging approved by:  

State Engineer Representative  

DECEMBER 5, 2001  
FOR USE OF STATE ENGINEER ONLY  

T-03981  
LIVESTOCK  

Use:  
Loc: TRN216328

069.10E, 15.422
<table>
<thead>
<tr>
<th>Depth (ft)</th>
<th>Feet</th>
<th>Feet</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>4</td>
<td>4</td>
<td>Top soil</td>
</tr>
<tr>
<td>4</td>
<td>40</td>
<td>36</td>
<td>Loose rock &amp; clay</td>
</tr>
<tr>
<td>40</td>
<td>75</td>
<td>35</td>
<td>yellow clay &amp; rock mix</td>
</tr>
<tr>
<td>75</td>
<td>390</td>
<td>315</td>
<td>Balck shale</td>
</tr>
<tr>
<td>390</td>
<td>395</td>
<td>5</td>
<td>Broken grey sandstone</td>
</tr>
<tr>
<td>395</td>
<td>416</td>
<td>24</td>
<td>Grey &amp; yellow sandstone</td>
</tr>
<tr>
<td>416</td>
<td>820</td>
<td>4</td>
<td>Grey &amp; yellow sandstone</td>
</tr>
<tr>
<td>420</td>
<td>440</td>
<td>20</td>
<td>Grey &amp; blue sandstone</td>
</tr>
</tbody>
</table>

Section 7. REMARKS AND ADDITIONAL INFORMATION

The undersigned hereby certifies that, to the best of his knowledge and belief, the foregoing is a true and correct record of the above described hole.

Driller

INSTRUCTIONS: This form should be executed in triplicate, preferably typewritten, and submitted to the appropriate district office of the State Engineer. All sections, except Section 5, shall be answered as completely and accurately as possible when any well is drilled, repaired, or deepened. When this form is used as a plugging record, only Section 1(a) and Section 5 need be completed.
Greetings:

Enclosed is your copy of the well record for the above numbered permit, which has been accepted for filing.

Sincerely,

Elizabeth Hays
(505)524-6161

Enclosure
cc: Santa Fe Office

wellrrcv
1. OWNER OF WELL
   Name: Bar W Ranch Inc. Work Phone: 648-2814
   Contact: Sterling T. Spencer Home Phone: 
   Address: P.O. Box 36 
   City: Carrizozo State: NM Zip: 88301 

2. LOCATION OF WELL (A, B, C, or D required, E or F if known)
   A. SW 1/4 SW 1/4 NW 1/4 Section: 29 Township: 7S Range: 11E N.M.P.M. in County.
   B. X = _______ feet, Y = _______ feet, N.M. Coordinate System
      Zone in the Grant.
      U.S.G.S. Quad Map __________
   C. Latitude: _____ d _____ m _____a Longitude: _____ d _____ m _____
   D. East ________ (m), North __________ (m), UTM Zone 13, NAD (27 or 83)
   E. Tract No. ___, Map No. ___ of the ________ Hydrographic Survey
   F. Lot No. ___, Block No. ___ of Unit/Tract ______ Subdivision recorded in __________ County.
   G. Other: __________
   H. Give State Engineer File Number if existing well: 
   I. On land owned by (required): Bar W Ranch Inc.

3. DRILLING CONTRACTOR
   License Number: WD-1335
   Name: Washunt Well Tech Work Phone: 585-0804
   Agent: Darren Washunt Home Phone: 
   Mailing Address: P.O. Box 1018 
   City: La Luz, NM 88333 State: NM Zip: 

4. DRILLING RECORD
   Type tools: Rotary
   Size of hole: 7 7/8 in. Total depth of well: 170 ft.
   Completed well is: shallow (shallow, artesian)
   Depth to water upon completion of well: 77 ft.

JUNE 26, 2002
5. PRINCIPAL WATER-BEARING STRATA

<table>
<thead>
<tr>
<th>Depth in Feet</th>
<th>Thickness in Feet</th>
<th>Description of water-bearing formation</th>
<th>Estimated Yield (GPM)</th>
</tr>
</thead>
<tbody>
<tr>
<td>From 110</td>
<td>To 120</td>
<td>Gravel &amp; sandstone</td>
<td>12 gpm</td>
</tr>
</tbody>
</table>

6. RECORD OF CASING

<table>
<thead>
<tr>
<th>Diameter (inches)</th>
<th>Pounds per ft.</th>
<th>Threads</th>
<th>Depth in Feet</th>
<th>Length (feet)</th>
<th>Type of Shoe</th>
<th>Perforations From To</th>
</tr>
</thead>
<tbody>
<tr>
<td>5&quot; PVC sch 40 casing</td>
<td></td>
<td></td>
<td>0 170</td>
<td>170</td>
<td>none</td>
<td>140 160</td>
</tr>
</tbody>
</table>

7. RECORD OF MUDDING AND CEMENTING

<table>
<thead>
<tr>
<th>Depth in Feet</th>
<th>Hole Diameter</th>
<th>Sacks of mud</th>
<th>Cubic Feet of Cement</th>
<th>Method of Placement</th>
</tr>
</thead>
</table>

8. PLUGGING RECORD

<table>
<thead>
<tr>
<th>Plugging Contractor:</th>
<th>Address:</th>
<th>Plugging Method:</th>
<th>Date Well Plugged:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Plugging approved by: State Engineer Representative

<table>
<thead>
<tr>
<th>No.</th>
<th>Capth in Feet Top</th>
<th>Cubic Feet of Cement</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4</td>
<td></td>
<td></td>
</tr>
<tr>
<td>5</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

JUNE 26, 2002
### 9. LOG OF HOLE

<table>
<thead>
<tr>
<th>Depth in Feet</th>
<th>Thickness in feet</th>
<th>Color and Type of Material Encountered</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>3</td>
<td>Top Soil</td>
</tr>
<tr>
<td>3</td>
<td>110</td>
<td>Brown clay &amp; rock mix</td>
</tr>
<tr>
<td>110</td>
<td>120</td>
<td>Gravel &amp; sandstone</td>
</tr>
<tr>
<td>120</td>
<td>140</td>
<td>Yellow clay &amp; sand mix</td>
</tr>
<tr>
<td>140</td>
<td>150</td>
<td>Grey sand &amp; clay mix</td>
</tr>
<tr>
<td>150</td>
<td>170</td>
<td>Grey clay</td>
</tr>
</tbody>
</table>

---

**June 26, 2002**
The undersigned hereby certifies that, to the best of his knowledge and belief, the foregoing is a true and correct record of the above described hole.

\[\text{Driller} \quad \text{01/29/02} \quad \text{(mm/dd/year)}\]

\[
\text{FOR STATE ENGINEER USE ONLY}
\]

\[
\text{Quad} \quad \text{FWL} \quad \text{PSL} \quad \text{Use} \quad \text{Location No.}
\]

\[
\text{JUNE 26, 2002}
\]
Greetings:

Enclosed is your copy of the well record for the above numbered permit, which has been accepted for filing.

Sincerely,

[Signature]

Elizabeth Hays
(505)524-6161

Enclosure
c: Santa Fe Office

wellrrcv
STATE ENGINEER OFFICE
WELL RECORD

Section 1. GENERAL INFORMATION

(A) Owner of well: Nogal Domestic Water Assn

Street or Post Office Address: PO Box 99

City and State: Nogal, NM, 88341

Well was drilled under Permit No. TRN 244125 and is located in the:

a. ¾ ¼ ¼ ⅋ ⅔ ⅔ of Section 5 Township 95 Range 13 E N.M.P.

b. Tract No. of Map No. of the

c. Lot No. 2 of Block No. 79 of the Nogal Townsite

Subdivision, recorded in Lincoln County.

d. X= feet, Y= feet, N.M. Coordinate System Zone in

the Grant.

(B) Drilling Contractor: Ed Brown License No. 1557

Address: 2914 South C P.M. 525, Alamogordo, NM 88310

Drilling Begun: March 12 Completed: March 20 Type tools: Air Rotary

Size of hole: 5"-6-3/8

Elevation of land surface or as well is 6500 ft. Total depth of well 300 ft.

Completed well is shallow artesian. Depth to water upon completion of well 4 ft.

Section 2. PRINCIPAL WATER-BEARING STRATA

<table>
<thead>
<tr>
<th>Depth in Feet</th>
<th>Thickness in Feet</th>
<th>Description of Water-Bearing Formation</th>
<th>Estimated Yield (gallons per minute)</th>
</tr>
</thead>
<tbody>
<tr>
<td>110 to 120</td>
<td>10</td>
<td>Sandstone</td>
<td>10</td>
</tr>
<tr>
<td>280 to 300</td>
<td>40</td>
<td>Broken Basalt</td>
<td>20</td>
</tr>
</tbody>
</table>

Section 3. RECORD OF CASING

<table>
<thead>
<tr>
<th>Diameter (inches)</th>
<th>Pounds per foot</th>
<th>Threads per in.</th>
<th>Depth in Feet</th>
<th>Type of Shoe</th>
<th>Perforations</th>
</tr>
</thead>
<tbody>
<tr>
<td>8&quot; 10</td>
<td>550 40</td>
<td>0</td>
<td>0 to 40</td>
<td>Surface Sealing</td>
<td>110 to 120</td>
</tr>
<tr>
<td>5&quot; 00</td>
<td>550 40</td>
<td>0</td>
<td>0 to 300</td>
<td></td>
<td>240 to 280</td>
</tr>
</tbody>
</table>

Section 4. RECORD OF MUDDING AND CEMENTING

<table>
<thead>
<tr>
<th>Depth in Feet</th>
<th>Hole Diameter</th>
<th>Sacks of Mud</th>
<th>Cubic Feet of Cement</th>
<th>Method of Placement</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 to 40</td>
<td>10.7/4</td>
<td>8</td>
<td></td>
<td>Top pour</td>
</tr>
</tbody>
</table>

Section 5. PLUGGING RECORD

Plugging Contractor: 

Address: 

Plugging Method: 

Date Well Plugged: 

Plugging approved by: 

State Engineer Representative: 

FOR USE OF STATE ENGINEER ONLY

Date Received: April 17, 2003

File No.: T-04183

Qued: FWL 9S.13E.5.32

Location No.: TRN244128
<table>
<thead>
<tr>
<th>Depth in Feet</th>
<th>Thickness in Feet</th>
<th>Color and Type of Material Encountered</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>40</td>
<td>Loose soil + Boulders</td>
</tr>
<tr>
<td>40</td>
<td>80</td>
<td>Sandstone + Clay</td>
</tr>
<tr>
<td>80</td>
<td>90</td>
<td>Gray Shale</td>
</tr>
<tr>
<td>90</td>
<td>110</td>
<td>Black Basalt</td>
</tr>
<tr>
<td>110</td>
<td>120</td>
<td>Sandstone</td>
</tr>
<tr>
<td>120</td>
<td>140</td>
<td>Black Basalt</td>
</tr>
<tr>
<td>140</td>
<td>142</td>
<td>Red Clay + Sandstone</td>
</tr>
<tr>
<td>142</td>
<td>185</td>
<td>Green Andesite</td>
</tr>
<tr>
<td>185</td>
<td>210</td>
<td>Black Basalt</td>
</tr>
<tr>
<td>210</td>
<td>260</td>
<td>Green Andesite</td>
</tr>
<tr>
<td>260</td>
<td>300</td>
<td>Broken Black Basalt</td>
</tr>
</tbody>
</table>

Section 7. REMARKS AND ADDITIONAL INFORMATION

The undersigned hereby certifies that, to the best of his knowledge and belief, the foregoing is a true and correct record of the above described hole.

EJS Bron
Driller

INSTRUCTIONS: This form should be executed in triplicate, preferably typewritten, and submitted to the appropriate district office of the State Engineer. All sections, except Section 5, shall be answered as completely and accurately as possible when any well is drilled, repaired or deepened. When this form is used as a plugging record, only Section 1(a) and Section 5 need be completed.
CAROLINE MCCOY OR JIM CROUSE  
ASSOCIATION NOGAL DOMESTIC WATER CONSUMERS  
P.O. BOX 99  
NOGAL, NM 88341

Greetings:

The well driller's record for the above numbered well has been received in this office indicating your well has been completed.

Your permit was granted with the condition that a meter be installed and meter readings submitted to this office. A copy of your permit is enclosed for your information.

Per Condition 5B, please advise this office within 30 days, on the attached form, of the make, model, serial number, date of installation, and initial reading of the meter prior to appropriation of the water.

If you have any questions, please feel free to contact us.

Sincerely,

Linda Filosa
(505) 524-6161

Enclosure
cc: Santa Fe Office

wellcon5
STATE ENGINEER OFFICE
WELL RECORD

Section 1. GENERAL INFORMATION

(A) Owner of well: W. M. Galloway
Owner's Well No.

Street or Post Office Address: Box 696
City and State: Carrizozo, NM 88301

Well was drilled under Permit No. T-1369 and is located in the:

a. ¼ ¼ ¼ NW ¼ of Section 33 Township 88 Range 11E N.M.P.M.

b. Tract No. of Map No. of the

Subdivision, recorded in Lincoln County.

c. Lot No. of Block No. of the

Subdivision, recorded in Lincoln County.

d. X= feet, Y= feet, N.M. Coordinate System Zone in

the Grant.

(B) Drilling Contractor: Reamy Drilling, Inc.
License No.: WD-719

Address: Box 670, Capitan, NM 88316


Elevation of land surface or at well is ft. Total depth of well: 200 ft.

Completed well is shallow artesian. Depth to water upon completion of well: ft.

Section 2. PRINCIPAL WATER-BEARING STRATA

<table>
<thead>
<tr>
<th>Depth in Feet</th>
<th>Thickness in Feet</th>
<th>Description of Water-Bearing Formation</th>
<th>Estimated Yield (gallons per minute)</th>
</tr>
</thead>
<tbody>
<tr>
<td>From</td>
<td>To</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dry Hole</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Section 3. RECORD OF CASING

<table>
<thead>
<tr>
<th>Diameter (inches)</th>
<th>Pounds per foot</th>
<th>Threads per in.</th>
<th>Depth in Feet</th>
<th>Length (feet)</th>
<th>Type of Shoe</th>
<th>Perforations</th>
</tr>
</thead>
<tbody>
<tr>
<td>7</td>
<td>14.95</td>
<td>+1</td>
<td>21</td>
<td>22 (Surface)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Section 4. RECORD OF MUDDLING AND CEMENTING

<table>
<thead>
<tr>
<th>Depth in Feet</th>
<th>Hole Diameter</th>
<th>Sacks of Mud</th>
<th>Cubic Feet of Cement</th>
<th>Method of Placement</th>
</tr>
</thead>
<tbody>
<tr>
<td>From</td>
<td>To</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Section 5. PLUGGING RECORD

<table>
<thead>
<tr>
<th>Plugging Contractor</th>
<th>Address</th>
</tr>
</thead>
</table>

Plugging Method:
Date Well Plugged:
Plugging approved by: State Engineer Representative

FOR USE OF STATE ENGINEER ONLY

Date Received: September 24, 1986
Quad: FWL FSI
File No.: T-1378 Use: Stock Location No.: 8.11E.33.114
FILE: T-1378

Mr. W. M. Galloway
P.O. Box 696
Carrizozo, NM 88301

Dear Mr. Galloway:

Enclosed is your copy of the Well Record for the dry hole drilled under stock well permit T-1363 in mid-September 1986 by Reamy Drilling of Capitan, New Mexico.

The file number for this permit has been renumbered to T-1378 as noted above and on the well record.

This is the final filing under stock well permit No. T-1378.

Sincerely,

J. B. Nixon
Engineer
District III

JEN:VL
Encl: Well Record
pc: State Engineer
**WELL RECORD & LOG**

**OFFICE OF THE STATE ENGINEER**

**www.ose.state.nm.us**

<table>
<thead>
<tr>
<th>POD NUMBER (WELL NUMBER)</th>
<th>OSE FILE NUMBER(S)</th>
</tr>
</thead>
<tbody>
<tr>
<td>4882225</td>
<td>T-5619</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>WELL OWNER NAME(S)</th>
<th>PHONE (OPTIONAL)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nogal ORB, LLC</td>
<td>575-648-3054</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>WELL OWNER MAILING ADDRESS</th>
<th>CITY</th>
<th>STATE</th>
<th>ZIP</th>
</tr>
</thead>
<tbody>
<tr>
<td>1309 St. Hwy 37</td>
<td>Nogal</td>
<td>NM</td>
<td>88341</td>
</tr>
</tbody>
</table>

**GENERAL AND WELL LOCATION**

<table>
<thead>
<tr>
<th>LOCATION (FROM GPS)</th>
<th>DEGREES</th>
<th>MINUTES</th>
<th>SECONDS</th>
<th>LATITUDE</th>
<th>LONGITUDE</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>33° 32' 2'' N</td>
<td>105° 44' 10'' W</td>
</tr>
</tbody>
</table>

* ACCURACY REQUIRED: ONE TENTH OF A SECOND

* DATUM REQUIRED: WGS 84

**DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS**

**OPTIONAL**

<table>
<thead>
<tr>
<th>2.5 ACRE</th>
<th>10 ACRE</th>
<th>(40 ACRE)</th>
<th>(160 ACRE)</th>
<th>SECTION</th>
<th>TOWNSHIP</th>
<th>RANGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>¼</td>
<td>¼</td>
<td>¼</td>
<td>¼</td>
<td>12</td>
<td>9</td>
<td>12</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>SUBDIVISION NAME</th>
<th>LOT NUMBER</th>
<th>BLOCK NUMBER</th>
<th>UNIT/TRACT</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>HYDROGRAPHIC SURVEY</th>
<th>MAP NUMBER</th>
<th>TRACT NUMBER</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**LICENSE NUMBER**

<table>
<thead>
<tr>
<th>NAME OF LICENSED DRILLER</th>
<th>NAME OF WELL DRILLING COMPANY</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chad Harvey</td>
<td>Chad Harvey Drilling Inc.</td>
</tr>
</tbody>
</table>

**DRILLING INFORMATION**

<table>
<thead>
<tr>
<th>DRILLING STARTED</th>
<th>DRILLING ENDED</th>
<th>DEPTH OF COMPLETED WELL (FT)</th>
<th>BORE HOLE DEPTH (FT)</th>
<th>DEPTH WATER FIRST ENCOUNTERED (FT)</th>
<th>STATIC WATER LEVEL IN COMPLETED WELL (FT)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/12/10</td>
<td>1/27/10</td>
<td>105</td>
<td>105</td>
<td>18</td>
<td>25</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>COMPLETED WELL IS</th>
<th>DRILLING FLUID</th>
<th>DRILLING METHOD</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>✓ AIR</td>
<td>✓ ROTARY</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>DEPTH (FT)</th>
<th>BORE HOLE DIA. (IN)</th>
<th>CASING MATERIAL</th>
<th>CONNECTION TYPE (CASING)</th>
<th>INSIDE DIA. (IN)</th>
<th>CASING WALL THICKNESS (IN)</th>
<th>SLOT SIZE (IN)</th>
</tr>
</thead>
<tbody>
<tr>
<td>FROM 0 TO 105</td>
<td>6 1/2</td>
<td>PVC</td>
<td>Spline</td>
<td>4 1/2</td>
<td>.291</td>
<td>.032</td>
</tr>
</tbody>
</table>

**FORMATION DESCRIPTION OF PRINCIPAL WATER-BEARING STRATA**

<table>
<thead>
<tr>
<th>DEPTH (FT)</th>
<th>THICKNESS (FT)</th>
<th>FORMATION DESCRIPTION OF PRINCIPAL WATER-BEARING STRATA</th>
</tr>
</thead>
<tbody>
<tr>
<td>FROM 18 TO 46</td>
<td>28</td>
<td>Green Basalt</td>
</tr>
<tr>
<td>46 TO 85</td>
<td>39</td>
<td>Black Basalt</td>
</tr>
<tr>
<td>85 TO 98</td>
<td>13</td>
<td>Light Blue Sandstone</td>
</tr>
</tbody>
</table>

**METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA**

**FOR OSE INTERNAL USE**

<table>
<thead>
<tr>
<th>FILE NUMBER</th>
<th>POD NUMBER</th>
<th>TRN NUMBER</th>
</tr>
</thead>
<tbody>
<tr>
<td>TRN-482225</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**WELL RECORD & LOG (Version 6/08)**

<table>
<thead>
<tr>
<th>File No. T-5619</th>
<th>Permit No. T-5619</th>
</tr>
</thead>
</table>
### 6. GEOLOGIC LOG OF WELL

<table>
<thead>
<tr>
<th>DEPTH (FT) FROM TO</th>
<th>THICKNESS (FT)</th>
<th>COLOR AND TYPE OF MATERIAL ENCLOSED (INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 3</td>
<td>3</td>
<td>Top soil</td>
</tr>
<tr>
<td>3 15</td>
<td>12</td>
<td>Brown dirt</td>
</tr>
<tr>
<td>15 18</td>
<td>3</td>
<td>Fractured Brown limestone</td>
</tr>
<tr>
<td>18 48</td>
<td>28</td>
<td>Green Basalt</td>
</tr>
<tr>
<td>48 85</td>
<td>39</td>
<td>Black Basalt</td>
</tr>
<tr>
<td>85 98</td>
<td>13</td>
<td>Light Blue Sandstone</td>
</tr>
<tr>
<td>98 105</td>
<td>7</td>
<td>Black Slate</td>
</tr>
</tbody>
</table>

**ATTACH ADDITIONAL PAGES AS NEEDED TO FULLY DESCRIBE THE GEOLOGIC LOG OF THE WELL**

**WELL TEST**

- METHOD: □ BAILER □ PUMP □ AIR LIFT □ OTHER - SPECIFY: 
  - OTHER - SPECIFY: None

**TEST RESULTS** - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD.

**ADDITIONAL STATEMENTS OR EXPLANATIONS:**

THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THE PERMIT HOLDER WITHIN 20 DAYS AFTER COMPLETION OF WELL DRILLING:

[Signature]

**DATE:** 2/3/10

---

**FOR OSE INTERNAL USE**

- **FILE NUMBER:** TRN-432225
- **POD NUMBER:**
- **TRN NUMBER:** File No. T-5612
- **LOCATION:** Permit No. T-5612
OMAR BARNES
NOGAL ORB LLC
1309 ST HWY 37
NOGAL, NM 88341

Greetings:

Enclosed is your copy of the well record for the above numbered permit, which has been accepted for filing.

Sincerely,

Linda Filosa
(575) 524-6161

Enclosure

wellrrcv
**STATE ENGINEER OFFICE
WELL RECORD**

Section 1. GENERAL INFORMATION

(A) Owner of well: Ferd Slonum
Street or Post Office Address: Box 566
City and State: Carrizozo, NM 88321

Well was drilled under Permit No. T-337 and is located in the:

- a ¼ ¼ ¼ SE ¼ of Section 30 Township 88 Range 138 N.M.P.M.
- b Tract No. of Map No. of the
- c Lot No. of Block No. of the Subdivision, recorded in Lincoln County.
- d X= feet, Y= feet, N.M. Coordinate System Zone in the Grant.

(B) Drilling Contractor: Beauty Drilling, Inc.
License No.: WD-719
Address: Box 174, Capitan, NM 88316

Drilling Began 7-10-82 Completed 7-12-82 Type tools: Rotary Size of hole: 7 1/8 in.

Elevation of land surface or: at well is ft. Total depth of well: 196 ft.

Completed well is __ shallow __ artesian. Depth to water upon completion of well: 57 ft.

### Section 2. PRINCIPAL WATER-BEARING STRATA

<table>
<thead>
<tr>
<th>Depth in Feet</th>
<th>Thickness in Feet</th>
<th>Description of Water-Bearing Formation</th>
<th>Estimated Yield (gallons per minute)</th>
</tr>
</thead>
<tbody>
<tr>
<td>73</td>
<td>74</td>
<td>Purple Shaley Basalt</td>
<td>1</td>
</tr>
<tr>
<td>176</td>
<td>179</td>
<td>Purple to Green Basalt</td>
<td>3</td>
</tr>
</tbody>
</table>

### Section 3. RECORD OF CASING

<table>
<thead>
<tr>
<th>Diameter (inches)</th>
<th>Pounds per foot</th>
<th>Threads per in.</th>
<th>Depth in Feet</th>
<th>Length (feet)</th>
<th>Type of Shoe</th>
<th>Perforations</th>
</tr>
</thead>
<tbody>
<tr>
<td>5</td>
<td>PVC</td>
<td>41</td>
<td>196</td>
<td>197</td>
<td></td>
<td>60 196</td>
</tr>
</tbody>
</table>

### Section 4. RECORD OF MUDDING AND CEMENTING

<table>
<thead>
<tr>
<th>Depth in Feet</th>
<th>Hole Diameter</th>
<th>Sacks of Mud</th>
<th>Cubic Feet of Cement</th>
<th>Method of Placement</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Section 5. PLUGGING RECORD

Plugging Contractor: [Name]
Address: [Address]
Plugging Method: [Method]
Date Well Plugged: [Date]
Plugging approved by: [Signature]

State Engineer Representative: [Signature]

Date Received: August 20, 1982

FOR USE OF STATE ENGINEER ONLY

Quad: FWL
File No.: T-337
Use: Domestic
Location No.: 8.13E.30.4
Stock:
### Section 6. LOG OF HOLE

<table>
<thead>
<tr>
<th>Depth in Feet</th>
<th>Thickness in Feet</th>
<th>Color and Type of Material Encountered</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>4</td>
<td>Brown Clay</td>
</tr>
<tr>
<td>4</td>
<td>176</td>
<td>Purple Shaley Basalt</td>
</tr>
<tr>
<td>176</td>
<td>179</td>
<td>Purple to Green Basalt</td>
</tr>
<tr>
<td>179</td>
<td>196</td>
<td>Purple Shaley Basalt</td>
</tr>
</tbody>
</table>

---

**Section 7. REMARKS AND ADDITIONAL INFORMATION**

---

The undersigned hereby certifies that, to the best of his knowledge and belief, the foregoing is a true and correct record of the above described hole.

[Signature]

Driller

---

**INSTRUCTIONS.** This form should be executed in triplicate, preferably typewritten, and submitted to the appropriate district office of the State Engineer. All sections, except Section 5, shall be answered as completely and accurately as possible when any well is drilled, repaired or deepened. When this form is used as a plugging record, only Section 1(a) and Section 5 need be completed.
STATE OF NEW MEXICO
STATE ENGINEER OFFICE
DEMING

September 22, 1982

S.E. REYNOLDS
STATE ENGINEER

ADDRESS CORRESPONDENCE TO:
P.O. Box 844
DEMING, N.M. 88031-0844

FILES: T-333, through T-338

Mr. Ferd Slocum
P. O. Box 666
Carrizo, New Mexico 88301

Dear Sir:

Enclosed are your copies of the well records for your domestic and stock wells Nos. T-333, T-334, T-335, T-336, T-337 and T-338, which have been accepted for filing.

These are the final filings under Domestic and Stock Well Permits Nos. T-333, T-334, T-335, T-336, T-337 and T-338.

Yours truly,

L. T. Putnam
Supervisor, District III

LTP:sfs

Encls: Six Well Records
cc: State Engineer
STATE ENGINEER OFFICE
WELL RECORD

Section 1. GENERAL INFORMATION

(A) Owner of well _______ Ferd Slocum _______  Owner’s Well No. _______ 772  JAN 30  AM 11 14
Street or Post Office Address Box 113 _______  City and State _______ Noxol, NM 88331 _______
Well was drilled under Permit No _______ T-772 _______ and is located in SANTA FE, N.M. 87501  N.M.P.M.

a.  14  14  14  14  14  14  14  30 of Section 88  Township  SANTA FE, N.M. 87501  N.M.P.M.  Grant.
b.  Tract No. _______ of Map No. _______ of the _______
c.  Lot No _______ of Block No _______ of the Subdivision, recorded in  Lincoln  County.
d. X= _______ feet, Y= _______ feet, N.M. Coordinate System _______ Zone in the _______

(B) Drilling Contractor _______ Beasy Drilling, Inc. _______ License No. _______ WD-719 _______
Address _______ Box 670, Capitan, NM 88316 _______
Drilling Began _______ 1-18-84 _______ Completed _______ 1-20-84 _______ Type tool _______ Rotary _______
Size of hole _______ 64 _______ in. 
Elevation of land surface or _______ at well is _______ ft Total depth of well _______ 102 _______ ft.
Completed well is  shallow  artesian. Depth to water upon completion of well _______ ho _______ ft.

Section 2. PRINCIPAL WATER-BEARING STRATA

<table>
<thead>
<tr>
<th>Depth in Feet</th>
<th>Thickness in Feet</th>
<th>Description of Water-Bearing Formation</th>
<th>Estimated Yield (gallons per minute)</th>
</tr>
</thead>
<tbody>
<tr>
<td>From 76</td>
<td>To 79</td>
<td>3</td>
<td>Broken Purple &amp; Green Basalt</td>
</tr>
<tr>
<td>From 89</td>
<td>To 89</td>
<td>4</td>
<td>Broken Purple &amp; Green Basalt</td>
</tr>
</tbody>
</table>

Section 3. RECORD OF CASING

<table>
<thead>
<tr>
<th>Diameter (inches)</th>
<th>Pounds per foot</th>
<th>Threads per in.</th>
<th>Depth in Feet</th>
<th>Length (feet)</th>
<th>Type of Shoe</th>
<th>Perforations</th>
</tr>
</thead>
<tbody>
<tr>
<td>6</td>
<td>10.78</td>
<td></td>
<td>11</td>
<td>13 (Surface)</td>
<td>PVC</td>
<td>62 102</td>
</tr>
</tbody>
</table>

Section 4. RECORD OF MUDDING AND CEMENTING

<table>
<thead>
<tr>
<th>Depth in Feet</th>
<th>Hole Diameter</th>
<th>Sacks of Mud</th>
<th>Cubic Feet of Cement</th>
<th>Method of Placement</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Section 5. PLUGGING RECORD

<table>
<thead>
<tr>
<th>Plugging Contractor</th>
<th>Address</th>
<th>Plugging Method</th>
<th>Date Well Plugged</th>
<th>Plugging approved by</th>
<th>State Engineer Representative</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

FOR USE OF STATE ENGINEER ONLY

Date Received January 25, 1984
Quad _______ 8.13E 30.33
File No. T-772  Use 3 acre-foot Location No. _______ 772  JAN 30  AM 11 14
<table>
<thead>
<tr>
<th>Depth in Feet</th>
<th>Thickness in Feet</th>
<th>Color and Type of Material Encountered</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>3</td>
<td>Brown Clay</td>
</tr>
<tr>
<td>3</td>
<td>36</td>
<td>Boulders &amp; Sand &amp; Gravel</td>
</tr>
<tr>
<td>36</td>
<td>47</td>
<td>Tan Clay &amp; Tan Sheley Basalt</td>
</tr>
<tr>
<td>47</td>
<td>55</td>
<td>Purple Sheley Basalt</td>
</tr>
<tr>
<td>55</td>
<td>59</td>
<td>Purple &amp; Green Basalt</td>
</tr>
<tr>
<td>59</td>
<td>76</td>
<td>Purple Basalt</td>
</tr>
<tr>
<td>76</td>
<td>102</td>
<td>Purple &amp; Green Basalt</td>
</tr>
</tbody>
</table>

Section 7: REMARKS AND ADDITIONAL INFORMATION

The undersigned hereby certifies that, to the best of his knowledge and belief, the foregoing is a true and correct record of the above described hole.

INSTRUCTIONS: This form should be executed in triplicate, preferably typewritten, and submitted to the appropriate district office of the State Engineer. All sections, except Section 5, shall be answered as completely and accurately as possible when any well is drilled, repaired or deepened. When this form is used as a plugging record, only Section 1(a) and Section 5 need be completed.

[Signature]

Driller
January 27, 1984

FILE: T-772

Mr. Perd Slocum
P. O. Box 113
Nogal, New Mexico 88341

Dear Mr. Slocum:

Enclosed is your copy of the well record for your 3 acre-foot well permit No. T-772, for drinking and sanitary purposes in conjunction with a commercial operation, which has been accepted for filing.

Your attention is called to Specific Condition of Approval No. 5 b, which states as follows:

5b. A totalizing meter shall be installed before the first branch of the discharge line from the well and the installation shall be acceptable to the State Engineer; the Engineer shall be advised of the make, model, serial number, date of installation and initial reading of the meter prior to appropriation of water and pumping records shall be submitted to the District Supervisor on or before the 10th of January, April, July and October of each year for the three preceding calendar months.

Yours truly,

L. T. Putnam
Supervisor, District III

LTP:sfs
Encl: Well Record
cc: State Engineer
**WELL RECORD & LOG**

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

---

**POD NUMBER (WELL NUMBER)**

423752

**WELL OWNER NAME(S)**

Nogal ORB LLC

**WELL OWNER MAILING ADDRESS**

P.O. Box 100

**CITY**

Nogal

**STATE**

NM

**ZIP**

88341

---

**DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS**

---

**LICENSE NUMBER**

WD-1537

**NAME OF LICENSED DRILLER**

Chad Harvey

**NAME OF WELL DRILLING COMPANY**

Chad Harvey Drilling Inc.

**DRILLING STARTED**

2-16-09

**DEPTH OF COMPLETED WELL (FT)**

200

**BORE HOLE DEPTH (FT)**

200

**DEPTH WATER FIRST ENCOUNTERED (FT)**

168

**STATIC WATER LEVEL IN COMPLETED WELL (FT)**

---

**COMPLETED WELL IS:**

- Artesian
- Dry Hole
- Shallow (Unconfined)

**DRILLING FLUID:**

- Air
- Mud
- Additives - Specify:

**DRILLING INFORMATION**

**DEPTH (FT) FROM TO**

0 200

0+18’0 50’

**BORE HOLE DIA. (IN)**

6 5/8

6 5/8

**CASING MATERIAL**

PVC

Steel

**CONNECTION TYPE (CASING)**

Spline

Weld

**INSIDE DIA. (CASING)**

4

6 1/4

**CASING WALL THICKNESS (IN)**

2.91

1/4

**SLOT SIZE (IN)**

0.33

---

**FORMATION DESCRIPTION OF PRINCIPAL WATER-BEARING STRATA**

(INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES)

FROM TO

158 162

**THICKNESS (FT)**

4

**YELLOW LIMESTONE**

**YIELD (GPM)**

90

---

**METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA**

---

**TOTAL ESTIMATED WELL YIELD (GPM)**

---

FOR OSE INTERNAL USE

**FILE NUMBER**

TRN-423752

**POD NUMBER**

TRN NUMBER

File No. T-333

**LOCATION**

Permit No. T-333

---

WELL RECORD & LOG (Version 6/9/08)

REVISED 07/07/08

OP-1004002 19710 02/14/09

STATE ENGINEER OFFICE

FEB 20 2009
<table>
<thead>
<tr>
<th>DEPTH (FT)</th>
<th>THICKNESS (FT)</th>
<th>COLOR AND TYPE OF MATERIAL ENCOUNTERED (INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES)</th>
<th>WATER BEARING?</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 - 91</td>
<td>91</td>
<td>EXISTING WELL</td>
<td>□ YES □ NO</td>
</tr>
<tr>
<td>91 - 105</td>
<td>14</td>
<td>Grey limestone</td>
<td>□ YES □ NO</td>
</tr>
<tr>
<td>105 - 125</td>
<td>20</td>
<td>Blue clay</td>
<td>□ YES □ NO</td>
</tr>
<tr>
<td>125 - 148</td>
<td>23</td>
<td>Black basalt</td>
<td>□ YES □ NO</td>
</tr>
<tr>
<td>148 - 150</td>
<td>2</td>
<td>Green basalt</td>
<td>□ YES □ NO</td>
</tr>
<tr>
<td>150 - 158</td>
<td>8</td>
<td>Grey limestone</td>
<td>□ YES □ NO</td>
</tr>
<tr>
<td>158 - 162</td>
<td>4</td>
<td>Yellow limestone</td>
<td>□ YES □ NO</td>
</tr>
<tr>
<td>162 - 200</td>
<td>38</td>
<td>Black basalt</td>
<td>□ YES □ NO</td>
</tr>
</tbody>
</table>

ATTACH ADDITIONAL PAGES AS NEEDED TO FULLY DESCRIBE THE GEOLOGIC LOG OF THE WELL

WELL TEST

METHOD: □ BAILEY □ PUMP □ AIR LIFT □ OTHER - SPECIFY: NONE

TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD.

ADDITIONAL STATEMENTS OR EXPLANATIONS:

THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THE PERMIT HOLDER WITHIN 20 DAYS AFTER COMPLETION OF WELL DRILLING:

Chadmark

SIGNATURE OF DRILLER

2 - 18 - 09

DATE
STATE OF NEW MEXICO
OFFICE OF THE STATE ENGINEER

Feb. 23, 2009

OMAR BARNES
NOGAL ORB LLC
P O BOX 66
1309 ST HWY 37
NOGAL, NM 88341

Greetings:

Enclosed is your copy of the well record for the above numbered permit, which has been accepted for filing.

Sincerely,

[Signature]

Linda Filosa
(575)524-6161

Enclosure

wellrrcv
### Section 1. GENERAL INFORMATION

(A) **Owner of well**: Ferd Slocum  
**Owner's Well No.**: 173067  
**Street or Post Office Address**: Box 666  
**City and State**: Carrizozo, NM 88301

Well was drilled under Permit No. **T-336** and is located in the:

- **Section**: 36  
- **Township**: 6S  
- **Range**: 12E  
- **N.M.P.M.**:  
- **Tract No. of Map No.**:  
- **Lot No. Block No.** of the **Subdivision**, recorded in **Lincoln** County.  
- **X=** feet, **Y=** feet, N.M. Coordinate System  
- **Zone in the**  
- **Grant.**

(B) **Drilling Contractor**: RD & M Drilling, Inc.  
**Address**: Box 471, Capitan, NM 88316  
**License No.**: WD-719

**Drilling Began**: 7-13-82  
**Completed**: 7-14-82  
**Type tools**: Rotary  
**Size of hole**: 6 1/8 in.  
**Elevation of land surface or sea level at well**:  
**Total depth of well**: 120 ft.

**Completed well is** shallow □ artesian.  
**Depth to water upon completion of well**: 39 ft.

### Section 2. PRINCIPAL WATER-BEARING STRATA

<table>
<thead>
<tr>
<th>Depth in Feet</th>
<th>Thickness in Feet</th>
<th>Description of Water-Bearing Formation</th>
<th>Estimated Yield (gallons per minute)</th>
</tr>
</thead>
<tbody>
<tr>
<td>From</td>
<td>To</td>
<td></td>
<td></td>
</tr>
<tr>
<td>57</td>
<td>58</td>
<td>1</td>
<td>Purple Shaley Basalt</td>
</tr>
<tr>
<td>97</td>
<td>100</td>
<td>3</td>
<td>Purple Shaley Basalt</td>
</tr>
</tbody>
</table>

### Section 3. RECORD OF CASING

<table>
<thead>
<tr>
<th>Diameter (inches)</th>
<th>Pounds per foot</th>
<th>Threads per in.</th>
<th>Depth in Feet</th>
<th>Length (feet)</th>
<th>Type of Shoe</th>
<th>Perforations</th>
</tr>
</thead>
<tbody>
<tr>
<td>6</td>
<td>12.92</td>
<td></td>
<td>+1</td>
<td>28</td>
<td>29</td>
<td>(Surface)</td>
</tr>
<tr>
<td>1 3/4</td>
<td>PVC</td>
<td></td>
<td>+1</td>
<td>120</td>
<td>121</td>
<td>50</td>
</tr>
</tbody>
</table>

### Section 4. RECORD OF MUDDING AND CEMENTING

### Section 5. PLUGGING RECORD

**Plugging Contractor**:  
**Address**:  
**Plugging Method**:  
**Date Well Plugged**:  
**Plugging approved by**:  
**State Engineer Representative**:  
**Date Received**: August 20, 1982  
**Quad**: FWL  
**FSL**:  
**File No.**: T-336  
**Use**: Domestic and Stock  
**Location No.**: 8.128, 36.4
<table>
<thead>
<tr>
<th>Depth in Feet</th>
<th>Thickness in Feet</th>
<th>Color and Type of Material Encountered</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>5</td>
<td>Brown Clay</td>
</tr>
<tr>
<td>5</td>
<td>28</td>
<td>Sand, Gravel, and Boulders</td>
</tr>
<tr>
<td>28</td>
<td>38</td>
<td>Brown Basalt</td>
</tr>
<tr>
<td>38</td>
<td>120</td>
<td>Purple Shaley Basalt</td>
</tr>
</tbody>
</table>

Section 7. REMARKS AND ADDITIONAL INFORMATION

The undersigned hereby certifies that, to the best of his knowledge and belief, the foregoing is a true and correct record of the above described hole.

Kenneth A. Reamy
Driller

INSTRUCTIONS: This form should be executed in triplicate, preferably typewritten, and submitted to the appropriate district office of the State Engineer. All sections, except Section 5, shall be answered as completely and accurately as possible when any well is drilled, repaired or deepened. When this form is used as a plugging record, only Section 1(a) and Section 5 need be completed.
FILES: T-333, through T-338

Mr. Ferd Slocum
P. O. Box 666
Carrizo, New Mexico 88301

Dear Sir:

Enclosed are your copies of the well records for your domestic and stock wells Nos. T-333, T-334, T-335, T-336, T-337 and T-338, which have been accepted for filing.

These are the final filings under Domestic and Stock Well Permits Nos. T-333, T-334, T-335, T-336, T-337 and T-338.

Yours truly,

L. T. Putnam
Supervisor, District III

LTP:sfs
Encls: Six Well Records
ce: State Engineer
<table>
<thead>
<tr>
<th>March 11, 2005</th>
<th>Well No. 1 (T-4660-Expl) City of Alamogordo -- Lithologic Log</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>cuttings logged wet, collected in shovel from discharge trench, direct mud</td>
</tr>
<tr>
<td>depth, ft</td>
<td>description</td>
</tr>
<tr>
<td>0-10</td>
<td>alluvium: mix vf-f ss clasts (50%), med. gray is clasts (30%), unconsolidated sand (20%), &amp; calcareous matrix</td>
</tr>
<tr>
<td>10-20</td>
<td>clayey sand: clay-rich vf-c sand, calcareous matrix. 30% gray &amp; black is clasts up to 1.0 cm</td>
</tr>
<tr>
<td>20-40</td>
<td>clayey sand: clay-rich f-vc sand, quartz clasts, calcareous matrix., 20% gray &amp; black is clasts up to 1.0 cm</td>
</tr>
<tr>
<td>40-50</td>
<td>clayey sand: clay-rich f-vc sand, quartz clasts, calcareous matrix, 30% gray &amp; black is clasts up to 2.0 cm</td>
</tr>
<tr>
<td>50-60</td>
<td>sandy clay: sand vf-f, light tan color, less calcareous matrix than above, 15% gray &amp; black is clasts up to 0.5 cm</td>
</tr>
<tr>
<td>60-70</td>
<td>clayey gravel and sand: clast up to 0.5 cm of black &amp; gray is, ss, qtz, calcareous matrix</td>
</tr>
<tr>
<td>70-80</td>
<td>clayey sand: 60% clayey vf sand, slightly calcareous matrix. 40% black is clasts up to 1.0 cm</td>
</tr>
<tr>
<td>80-100</td>
<td>slightly clayey sand &amp; gravel: clasts up to 1.0 cm of black is, ss, &amp; qtz. Slightly calcareous matrix</td>
</tr>
<tr>
<td>100-110</td>
<td>clayey sand: 80% clayey vf-m sand, very slight calcareous matrix. 20% black is clasts up to 0.4 cm</td>
</tr>
<tr>
<td>110-140</td>
<td>gravel: 60% gray &amp; black is clasts up to 0.4 cm, median size of 0.2 cm. 30% m-vc sand &amp; gravel, qtz and minor misc lithics eg. Feldspar. 10% sandy clay (ash?)</td>
</tr>
<tr>
<td>140-150</td>
<td>gravel: 70% grey &amp; black ls clasts 2-3 mm. 30% m-vc sand &amp; gravel mostly qtz</td>
</tr>
<tr>
<td>150-160</td>
<td>gravel: 60% m-vc grey &amp; black ls clasts. 30% clay-rich vf-f sand. 10% f-m qtz &amp; feldspar clasts</td>
</tr>
<tr>
<td>160-180</td>
<td>sandy gravel: 50% m-vc grey &amp; black ls clasts. 30% clay-rich vf-f sand. 10% f-m qtz &amp; feldspar clasts</td>
</tr>
<tr>
<td>180-190</td>
<td>gravel: 80% black &amp; gray ls clasts 2-3 mm up to 5mm. 20% qtz, feldspar, fine ss clasts</td>
</tr>
<tr>
<td>190-200</td>
<td>gravelly clay: 50% clay or ash rich fine sand. 40% grey &amp; black ls clasts 1-5 mm. 10% qtz &amp; minor metamorphic clasts 2-4 mm</td>
</tr>
<tr>
<td>200-210</td>
<td>gravel: granite, volcanics, metamorphic, minor limestone subrounded to subangular 2-10 mm</td>
</tr>
<tr>
<td>210-220</td>
<td>silty clay: 80%silty clay (ash?) 20% vf-vc sand some black ls gravel to 4 mm</td>
</tr>
<tr>
<td>March 11, 2005</td>
<td><strong>Well No. 1 (T-4660-Expl) City of Alamogordo -- Lithologic Log</strong></td>
</tr>
<tr>
<td>---------------</td>
<td>------------------------------------------------------------------</td>
</tr>
<tr>
<td></td>
<td>cuttings logged wet, collected in shovel from discharge trench, direct mud</td>
</tr>
<tr>
<td><strong>depth, ft</strong></td>
<td><strong>description</strong></td>
</tr>
<tr>
<td>220-230</td>
<td>silty clay: 50% silty clay (ash?) 30% Is and dolomite gravel 3-10 mm, 15% m-vc Qtz, feldspar lithics. 5% granite clasts 5-10 mm</td>
</tr>
<tr>
<td>230-260</td>
<td>gravelly clay: 60% ashy clay. 40% granite, volcanic, Is clasts subrounded to subangular 2-10 mm</td>
</tr>
<tr>
<td>260-270</td>
<td>clayey gravel: 30%m-vc Qtz &amp; ss clasts, 30% black Is clasts, 10% red ss clasts, 30% ashy clay.</td>
</tr>
<tr>
<td>270-280</td>
<td>clayey gravel: 30%v-f c Qtz &amp; feldsparclasts, 35% black Is clasts up to 8mm 5% red siltstone clasts to 2mm, 30% ashy clay.</td>
</tr>
<tr>
<td>280-290</td>
<td>gravel: 1-15 mm of 35% black Is, 30% pale pink tuff, 10% Qtz &amp; feldspar, 5% pale pink chert, and 20% ashy clay.</td>
</tr>
<tr>
<td>290-310</td>
<td>gravel: 30% black mudstone clasts subrounded 1-5 mm, 25% pale pink tuff subrounded 3-8 mm, 15% is 2-3 mm, 10% pink chert angular, 2-7 mm, 20% other lithics, 15% silty clay</td>
</tr>
<tr>
<td>310-320</td>
<td>silty gravel: 35% pale pink tuff up to 15 mm, 20% pale pink chert up to 6mm, 5% red mudstone up to 18 mm, 5% black mudstone up to 7 mm, 5 grey is up to 4 mm, 30% silty clay</td>
</tr>
<tr>
<td>320-330</td>
<td>silty clay and gravel: 30% pale pink tuff 3-25 mm subangular and subrounded, 10% pale pink chert 2-4 mm, 5% red siltstone2-9 mm subangular, 5% black mudstone, 50% silty clay</td>
</tr>
<tr>
<td>330-340</td>
<td>silty clay and gravel: 30% pale pink tuff 2-15 mm 10% andesite/volcanics 1-8 mm, 10% black mudstone, 50% silty clay</td>
</tr>
<tr>
<td>340-360</td>
<td>silty clay and gravel: 20% pale pink chert 1-8 mm, 20% black mudstone, 10% pink tuff 2-15 mm, 50% silty clay</td>
</tr>
<tr>
<td>360-410</td>
<td>siltstone: yellow, slightly effervescent</td>
</tr>
<tr>
<td>410-420</td>
<td>shale: grey, slightly effervescent</td>
</tr>
<tr>
<td>420-440</td>
<td>siltstone: yellow, slightly effervescent</td>
</tr>
<tr>
<td>440-570</td>
<td>shale: grey, moderately effervescent; minor yellow siltstone interbeds at 480-490, and 550-560.</td>
</tr>
<tr>
<td>570-620</td>
<td>shale: grey, moderately effervescent; minor reddish and gypsic siltstone interbeds at 580-600</td>
</tr>
<tr>
<td>620-700</td>
<td>limestone: white to light grey, moderately-strongly effervescent</td>
</tr>
<tr>
<td>700-750</td>
<td>dolomite: dark grey, slightly effervescent</td>
</tr>
<tr>
<td>750-800</td>
<td>limestone: white to light grey, moderately-strongly effervescent; dolomitic limestone interbed at 770-780.</td>
</tr>
<tr>
<td>March 11, 2005</td>
<td>Well No. 1 (T-4660-Expl) City of Alamogordo -- Lithologic Log</td>
</tr>
<tr>
<td>---------------</td>
<td>-------------------------------------------------------------</td>
</tr>
<tr>
<td></td>
<td>cuttings logged wet, collected in shovel from discharge trench, direct mud</td>
</tr>
<tr>
<td>depth, ft</td>
<td>description</td>
</tr>
<tr>
<td>800-810</td>
<td>no sample</td>
</tr>
<tr>
<td>810-860</td>
<td>dolomite: dark grey, slightly effervescent</td>
</tr>
<tr>
<td>860-890</td>
<td>gypsic dolomite: dark grey, slightly effervescent</td>
</tr>
<tr>
<td>890-970</td>
<td>dolomite: dark grey, slightly effervescent</td>
</tr>
<tr>
<td>970-1010</td>
<td>sandstone: reddish, moderately effervescent</td>
</tr>
</tbody>
</table>
NEW MEXICO OFFICE OF THE STATE ENGINEER
WELL RECORD

1. OWNER OF WELL
   Name: City of Alamogordo  Work Phone: 505-439-4240
   Contact: Mr. Pat McCourt  Home Phone:          
   Address: 1376 E. Ninth St.  
   City: Alamogordo  State: NM  Zip: 88310

2. LOCATION OF WELL (A, B, C, or D required, E or F if known)
   A. SW 1/4 1/4 Section: 31  Township: 12S Range: 10 W N M P M.
      in Otero County.  
   B. X = _______ feet, Y = _______ feet, N.M. Coordinate System Zone in the Grant. U.S.G.S. Quad Map _______  
   C. Latitude: ___ d ___ m ___ s Longitude: ___ d ___ m ___ s  
   D. East (m), North (m), UTM Zone 13, NAD 27 or 83  
   E. Tract No. ____, Map No. ____ of the _________ Hydrographic Survey  
   F. Lot No. ___, Block No. ____ of Unit/Tract _________ of the Subdivision recorded in ___________ County.  
   G. Other: _______  
   H. Give State Engineer File Number if existing well: _______  
   I. On land owned by (required): Bureau of Land Management

3. DRILLING CONTRACTOR
   License Number: WD-331  
   Name: Stewart Brothers Drilling  Work Phone: 505-287-2986
   Agent: Mr. Randy Stewart  Home Phone:          
   Mailing Address: P.O. Box 2067  
      Milan 306 Airport Rd.  
      Milan  
      State: NM  Zip: 88310

4. DRILLING RECORD
   Drilling began: 3/29/05  ; Completed: 5/6/05  ; Type tools: Mud  
   Size of hole: 20.5 in.  Total depth of well: 1147 ft.  
   Completed well is: 1000 (shallow, artesian)  
   Depth to water upon completion of well: 250 ft.

File Number: T 4660  
Form: wr-20  
June 3, 2005

Trn Number: __________

31.12S.10E  
T-4660
NEW MEXICO OFFICE OF THE STATE ENGINEER
WELL RECORD

5. PRINCIPAL WATER-BEARING STRATA

<table>
<thead>
<tr>
<th>Depth in Feet From</th>
<th>Thickness in feet</th>
<th>Description of water-bearing formation</th>
<th>Estimated Yield (GPM)</th>
</tr>
</thead>
<tbody>
<tr>
<td>500</td>
<td>980</td>
<td>Sandy gravel and clay</td>
<td>180</td>
</tr>
</tbody>
</table>

6. RECORD OF CASING

<table>
<thead>
<tr>
<th>Diameter (inches)</th>
<th>Pounds per ft. per in. Threads</th>
<th>Depth in Feet (feet)</th>
<th>Length (feet)</th>
<th>Type of Shoe</th>
<th>Perforations From To</th>
</tr>
</thead>
<tbody>
<tr>
<td>14</td>
<td>54.56 Welded</td>
<td>0</td>
<td>480</td>
<td>480</td>
<td></td>
</tr>
<tr>
<td>14</td>
<td>72.09 Welded</td>
<td>480</td>
<td>500</td>
<td>20</td>
<td></td>
</tr>
<tr>
<td>14</td>
<td>SS Screen</td>
<td>500</td>
<td>980</td>
<td>480</td>
<td></td>
</tr>
<tr>
<td>14</td>
<td>46.75 SS Sump</td>
<td>40</td>
<td>40</td>
<td></td>
<td></td>
</tr>
<tr>
<td>22</td>
<td>88.63 Surface</td>
<td>0</td>
<td>40</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

7. RECORD OF MUDDING AND CEMENTING

<table>
<thead>
<tr>
<th>Depth in Feet From</th>
<th>Hole Diameter (in.)</th>
<th>Sacks of mud</th>
<th>Cubic Feet of Cement</th>
<th>Method of Placement</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>40</td>
<td>26</td>
<td>81</td>
<td>Tremi</td>
</tr>
</tbody>
</table>

8. PLUGGING RECORD

Plugging Contractor: ____________________________  Address: ____________________________
Plugging Method: ____________________________  Date Well Plugged: 05 MAR 2000
Plugging approved by: ____________________________  State Engineer Representative: ____________

<table>
<thead>
<tr>
<th>No.</th>
<th>Depth in Feet Top</th>
<th>Cubic Feet of Cement</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3</td>
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<tr>
<td>4</td>
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</tr>
<tr>
<td>5</td>
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<td></td>
</tr>
</tbody>
</table>

File Number: T4660  Form: WR-20  page 2 of 4  Trn Number: 31.12S.10E
June 3, 2005  T-4660
## 9. LOG OF HOLE

<table>
<thead>
<tr>
<th>Depth in Feet From</th>
<th>Depth in Feet To</th>
<th>Thickness in feet</th>
<th>Color and Type of Material Encountered</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>200</td>
<td>200</td>
<td>Sand, Gravels and clay.</td>
</tr>
<tr>
<td>200</td>
<td>600</td>
<td>600</td>
<td>Clay, with sands and some gravel.</td>
</tr>
<tr>
<td>600</td>
<td>800</td>
<td>800</td>
<td>Clay and some silty sands and gravels.</td>
</tr>
<tr>
<td>800</td>
<td>1000</td>
<td>1000</td>
<td>Sands and gravels with clay.</td>
</tr>
<tr>
<td>1000</td>
<td>1100</td>
<td>1100</td>
<td>Sands and gravels less clay.</td>
</tr>
<tr>
<td>1100</td>
<td>1147</td>
<td>1147</td>
<td>Clay sands and gravels.</td>
</tr>
</tbody>
</table>
10. ADDITIONAL STATEMENTS OR EXPLANATIONS:

This well was drilled as a test well for the City of Alamogordo.

The well was constructed with 40 ft of 22 inch surface casing. It was completed with 14 inch SS screen from a depth of 500 - 980 ft. There is a 20 ft SS Blank Sump from 980 - 1000. From 0 - 500 ft there is 14 inch low carbon steel pipe with a heavy wall joint from 480 - 500. 1 1/4 inch sounding tube enters the well just above the screen at appr. 487 ft bgs.

This well will yield appr. 200 gpm.

The undersigned hereby certifies that, to the best of his knowledge and belief, the foregoing is a true and correct record of the above described hole.

Randel C. Stewart
Driller

5/10/05
(mm/dd/year)
Figure 3. Diagram showing recommended well construction, Large Diameter Test Well.
PAT MCCOURT  
CITY OF ALAMOGORDO  
1376 E. NINTH STREET  
ALAMOGORDO, NM 88310

Greetings:

Enclosed is your copy of the well record for the above numbered permit, which has been accepted for filing.

Sincerely,

Sarah Rodriguez  
(505) 524-6161

Enclosure
cc: Santa Fe Office

wellrrcv
<table>
<thead>
<tr>
<th>March 16, 2005</th>
<th>Well No. 4 (T-4661-Expl) City of Alamogordo -- Lithologic Log</th>
</tr>
</thead>
<tbody>
<tr>
<td>0-40' augered and logged dry, 40-1110' cuttings logged wet, from sample port, reverse mud</td>
<td></td>
</tr>
<tr>
<td>depth, ft</td>
<td>description</td>
</tr>
<tr>
<td>0-20</td>
<td>silt and vf sand: 95% eolian silt and vf sand, calcareous. 5% vc sand, lithic fragments</td>
</tr>
<tr>
<td>20-40</td>
<td>very fine sand: 90% vf sand calcareous. 10% c-vc lithic fragments</td>
</tr>
<tr>
<td>40-50</td>
<td>very fine to fine sand: 95% vf-f sand slightly calcareous. 5% gravel 2-3 mm up to 10 mm mostly black ls</td>
</tr>
<tr>
<td>50-60</td>
<td>fine to coarse sand: 40% f. sand rounded, 40% c. sand subrounded-rounded. 20% 3-12 mm lithic fragments, subrounded to subangular, grey and black ls, dolomite, black mudstone.</td>
</tr>
<tr>
<td>60-70</td>
<td>no sample</td>
</tr>
<tr>
<td>70-80</td>
<td>no sample</td>
</tr>
<tr>
<td>80-100</td>
<td>very fine-fine sand: 80% vf-f sand subrounded to rounded mostly qtz and feldspar. 20% clay</td>
</tr>
<tr>
<td>100-110</td>
<td>very fine to medium sand: 70% vf-m sand subangular to rounded. 20% clay. 10% gravel 4-28 mm subangular-subrounded, volcanics mudstone, ls, and dolomite.</td>
</tr>
<tr>
<td>110-120</td>
<td>sandy gravel: 80% gravel up to 22 mm, subrounded-angular, volcanics mudstone, ls, and dolomite. 20% slightly clayey vf-f sand, subrounded-rounded</td>
</tr>
<tr>
<td>120-130</td>
<td>sandy clay: 100% vf-f sand rounded</td>
</tr>
<tr>
<td>130-140</td>
<td>sandy clay: 95% f-m sand rounded to subrounded. 5% gravel subangular 1-3 mm, dolomite, volcanic, mudstone.</td>
</tr>
<tr>
<td>140-150</td>
<td>gravel: 100% gravel up to 10 mm, subrounded to angular, volcanic, mudstone, ss, qtz, minor dolomite</td>
</tr>
<tr>
<td>150-160</td>
<td>gravel: 90% gravel up to 10 mm, subrounded to angular, volcanic, mudstone, ss, qtz, minor dolomite. 10% clayey vf-m sand, rounded-subrounded</td>
</tr>
<tr>
<td>160-170</td>
<td>sandy clay: 90% sandy clay with vf-f sand, rounded to subrounded. 10% gravel up to 14 mm, subangular, volcanics, mudstone, sandstone, minor dolomite</td>
</tr>
<tr>
<td>170-190</td>
<td>no sample</td>
</tr>
<tr>
<td>190-200</td>
<td>sandy clay: 95% sandy clay with vf-f sand, well-rounded to subrounded, qtz, feldspar. 5% gravel 1-4 mm subangular to subrounded, balck and green volcanics, ss, and mudstone.</td>
</tr>
<tr>
<td>March 16, 2005</td>
<td>Well No. 4 (T-4661-Expl) City of Alamogordo -- Lithologic Log</td>
</tr>
<tr>
<td>----------------</td>
<td>---------------------------------------------------------------</td>
</tr>
<tr>
<td></td>
<td>0-40' augered and logged dry,</td>
</tr>
<tr>
<td></td>
<td>40-1110' cuttings logged wet, from sample port, reverse mud</td>
</tr>
<tr>
<td>depth, ft</td>
<td>description</td>
</tr>
<tr>
<td>200-220</td>
<td>sandy clay: 95% sandy clay with v-f sand, well-rounded to subrounded, quartz, feldspar. 5% gravel 1-4 mm subangular to subrounded, ball and green volcanics, ss, and mudstone. Also, minor gypsum in clay.</td>
</tr>
<tr>
<td>220-230</td>
<td>clayey sand: 85% clayey sand, with v-f sand rounded to subangular mostly quartz and feldspar. 15% gravel 2-6 mm subrounded to rounded dolomite, mudstone, volcanics.</td>
</tr>
<tr>
<td>230-250</td>
<td>clayey sand: 85% clayey sand, with v-f sand rounded to subangular mostly quartz and feldspar. 15% gravel 2-22 mm rounded to angular ss, is, mudstone, volcanics.</td>
</tr>
<tr>
<td>250-260</td>
<td>sandy clay: 95% sandy clay, v-f sand mostly quartz and feldspar. 5% gravel 1-4 mm subangular mixed lithology.</td>
</tr>
<tr>
<td>260-360</td>
<td>sandy clay: 95% v-f sand, mostly quartz and feldspar. 5% cobbles, pebbles, and coarse sand.</td>
</tr>
<tr>
<td>360-380</td>
<td>gravels: 70% gravels basalt, sandstone, limestone. 20% coarse sands, basalt, sandstone, limestone. 10% m-f sandy clay.</td>
</tr>
<tr>
<td>380-400</td>
<td>sandy clays: 85% sandy clays with v-f sand mostly quartz and feldspar. 15% gravel 1-15 mm subrounded to subangular.</td>
</tr>
<tr>
<td>400-420</td>
<td>sandy gravel: 60% gravel mix of basalt, ss, is. 30% coarse sands. 10% m-f sands.</td>
</tr>
<tr>
<td>420-460</td>
<td>clay: 100% tan to gray clay.</td>
</tr>
<tr>
<td>460-510</td>
<td>sandy clay: 90% tan-reddish sandy clay with v-f sand. 10% mix of cobble and pebble gravel.</td>
</tr>
<tr>
<td>510-560</td>
<td>clay: 100% reddish tan clay.</td>
</tr>
<tr>
<td>560-570</td>
<td>clayey gravel: 100% clayey gravelly cobbles.</td>
</tr>
<tr>
<td>570-580</td>
<td>sandy clay: 90% reddish-tan sandy clay w/ v-f sand. 10% gravel.</td>
</tr>
<tr>
<td>580-600</td>
<td>interbedded gravel and clays: 50% red clay. 50% gravel.</td>
</tr>
<tr>
<td>600-680</td>
<td>sandy silty clay: 90% sandy silty clay reddish tan w/ v-f sand. 10% c. sand and gravel.</td>
</tr>
<tr>
<td>680-720</td>
<td>sandy silty clay: 100% sandy silty clay reddish tan w/ v-f sand.</td>
</tr>
<tr>
<td>720-770</td>
<td>silty clay: 90% white and grey clay. 10% silt and sand.</td>
</tr>
<tr>
<td>770-780</td>
<td>clay: 100% tan clay.</td>
</tr>
<tr>
<td>780-790</td>
<td>clay: 100% black clay.</td>
</tr>
</tbody>
</table>

JSAI
Test Well No. 4

John Shomaker & Associates, Inc.
Water-Resource and Environmental Consultants
<table>
<thead>
<tr>
<th>March 16, 2005</th>
<th><strong>Well No. 4 (T-4661-Expl) City of Alamogordo -- Lithologic Log</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td><strong>0-40' augered and logged dry, 40-1110' cuttings logged wet, from sample port, reverse mud</strong></td>
</tr>
<tr>
<td>depth, ft</td>
<td>description</td>
</tr>
<tr>
<td>790-800</td>
<td>gravely clay: ~70% tan clay, ~30% gravel angular to rounded up to 3 cm, siltstone, ss, shale.</td>
</tr>
<tr>
<td>800-850</td>
<td>clay: 100% tan clay with a few minor gravel interbeds from 800-820</td>
</tr>
<tr>
<td>850-860</td>
<td>gravely clay: ~70% tan clay, ~30% gravel angular to rounded up to 3 cm, siltstone, ss, shale.</td>
</tr>
<tr>
<td>860-870</td>
<td>silty clay: 100% tan clay and silt</td>
</tr>
<tr>
<td>870-880</td>
<td>sandy clay: tan clay with tan silt and sand.</td>
</tr>
<tr>
<td>880-910</td>
<td>gravely clay: ~70% tan clay, ~30% gravel angular to rounded up to 3 cm, siltstone, ss, shale.</td>
</tr>
<tr>
<td>910-920</td>
<td>sandy clay: 90% tan clay, 10% c. sand mixed lithology subrounded</td>
</tr>
<tr>
<td>920-930</td>
<td>clay: 100% clay w/ very few chips</td>
</tr>
<tr>
<td>930-990</td>
<td>clayey gravel: tan gravel, gravel up to 4 cm, white, grey, black, brown, subrounded</td>
</tr>
<tr>
<td>990-1020</td>
<td>gravely clay: ~70% tan clay, ~30% gravel angular to rounded up to 3 cm, siltstone, ss, shale.</td>
</tr>
<tr>
<td>1020-1030</td>
<td>gravely sandy clayey silt: 40% brown silt, 30% tan clay, 20% f-c sand subrounded, 10% gravel up to 1 cm</td>
</tr>
<tr>
<td>1030-1050</td>
<td>sandy silt: 85% tan silt, 15% f-c sand mixed lithology rounded</td>
</tr>
<tr>
<td>1050-1110</td>
<td>gravely clay: 65% tan clay, 25% gravel up to 4 cm, black, grey, subrounded. 10% sand</td>
</tr>
</tbody>
</table>
GRAIN SIZE DISTRIBUTION GRAPH

PERCENT FINER

GRAIN SIZE - mm

TEST SUMMARY

<table>
<thead>
<tr>
<th>% Passing (Cumulative)</th>
<th>1 1/2&quot;</th>
<th>3/4&quot;</th>
<th>3/8&quot;</th>
<th>#4</th>
<th>#10</th>
<th>#40</th>
<th>#100</th>
<th>#200</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>100%</td>
<td>98%</td>
<td>95%</td>
<td>98%</td>
<td>76%</td>
<td>70%</td>
<td>65%</td>
<td>50.5%</td>
</tr>
</tbody>
</table>

% Sand = 14%
% Silt = 25%
% Clay = 61%

D_{10} = 4.5
D_{15} =
D_{25} =
D_{30} =
D_{50} =

Sample: Well 4, Composta at 200-400'
Date: 4/4/05
Project: Snake Tank Test Wells
Num: 88051030.0001

Plasticity Index:

USCS Class:
Material Description:

Reviewed By:
Nancy Reed

Received: Apr. 6, 1:04 PM

TERACON
1630 Hickory Loop, Suite H
Las Cruces, NM 88005
(505) 927-1700
# Grain Size Distribution Graph

## Test Summary

<table>
<thead>
<tr>
<th>Sleeve</th>
<th>% Passing (Cumulative)</th>
<th>Specified</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 1/2&quot;</td>
<td>100%</td>
<td>100%</td>
</tr>
<tr>
<td>3/4&quot;</td>
<td>100%</td>
<td>100%</td>
</tr>
<tr>
<td>3/8&quot;</td>
<td>95%</td>
<td>95%</td>
</tr>
<tr>
<td>#4</td>
<td>90%</td>
<td>90%</td>
</tr>
<tr>
<td>#10</td>
<td>64%</td>
<td>64%</td>
</tr>
<tr>
<td>#40</td>
<td>75%</td>
<td>75%</td>
</tr>
<tr>
<td>#100</td>
<td>70%</td>
<td>70%</td>
</tr>
<tr>
<td>#200</td>
<td>85%</td>
<td>85%</td>
</tr>
</tbody>
</table>

- D<sub>60</sub> = 2.4
- D<sub>10</sub> =
- C<sub>U</sub> =
- C<sub>FL</sub> =

---

Sample Date: 6/4/05  
Project #: 6051030.0001  
Project Name: Snake Tank Test Wells  
Report Date: 6/5/05  
Sample Location: Well 4, Composite at 400-600'  
Liquid Limit:  
USCS Classification:  
Material Description:  
Reviewed by: Nancy Reid

Received Time: 6/6/8:04pm

---

TERRACON  
1630 Hickory Loop, Suite H  
Las Cruces, NM 88005  
(505) 527-1700
## Grain Size Distribution Graph

### Test Summary

<table>
<thead>
<tr>
<th>Sieve Size</th>
<th>3/4&quot;</th>
<th>3/8&quot;</th>
<th>#4</th>
<th>#10</th>
<th>#40</th>
<th>#100</th>
<th>#200</th>
</tr>
</thead>
<tbody>
<tr>
<td>% Passing</td>
<td>96%</td>
<td>99%</td>
<td>98%</td>
<td>97%</td>
<td>83%</td>
<td>71%</td>
<td>67%</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Specification</th>
<th>% Gravel</th>
<th>% Sand</th>
<th>% Silt &amp; Clay</th>
</tr>
</thead>
<tbody>
<tr>
<td>D_50</td>
<td>D_15</td>
<td>D_10</td>
<td></td>
</tr>
<tr>
<td>D_30</td>
<td>D_60</td>
<td>C_U</td>
<td></td>
</tr>
<tr>
<td>D_10</td>
<td>D_60</td>
<td>C_C</td>
<td></td>
</tr>
</tbody>
</table>

---

Sample Data:
- Project No: 1030.0001
- Project Name: Tank Test Wells
- Report Date: 6/14/99
- Sample Location: Composite at 600-750
- Liquid Limit
- USCS Classification
- Plasticity Index:

Reviewed By: [Signature]

Received Time: 1:04 PM
NEW MEXICO OFFICE OF THE STATE ENGINEER
WELL RECORD

1. OWNER OF WELL
   Name: City of Alamogordo Work Phone: 505-439-4240
   Contact: Ms. Pat McCourt Home Phone: ________
   Address: 1376 E Ninth
   City: Alamogordo State: NM Zip: 88310

2. LOCATION OF WELL (A, B, C, or D required, E or F if known)
   A. SE 1/4 SW 1/4 SE 1/4 Section: 35 Township: 12 S Range: 9 E N.M.P.M.
      in ___________________________ County.
   B. X = ______ feet, Y = ______ feet, N.M. Coordinate System
      Zone in the ______________________ Grant.
      U.S.G.S. Quad Map ___________
   C. Latitude: ______ d ______ m ______ s Longitude: ______ d ______ m ______ s
   D. East ________ (m), North ________ (m), UTM Zone 13, NAD 83 (27 or 83)
   E. Tract No. ______, Map No. ______ of the ______ Hydrographic Survey
   F. Lot No. ______, Block No. ______ of Unit/Tract ______ of the _________ Subdivision recorded in ______ County.
   G. Other: ____________________________________________
   H. Give State Engineer File Number if existing well: ______________________
   I. On land owned by (required): Bureau of Land Management

3. DRILLING CONTRACTOR
   License Number: WD-331
   Name: Stewart Brothers Drilling Work Phone: 505-287-2986
   Agent: Randy Stewart Home Phone: __________
   Mailing Address: P.O. Box 2057
   306 Airport Rd.
   City: Milan State: NM Zip: 87021

4. DRILLING RECORD
   Drilling began: 3/10/05; Completed: 3/30/05; Type tools: Mud Rotary
   Size of hole: 12 1/4 in.; Total depth of well: 1010 ft.;
   Completed well is: Shallow (shallow, artesian);
   Depth to water upon completion of well: 350 ft.

File Number: T-4661
Form: wr-20

July 12, 2005 35.12S.09E
T-4661

Trn Number: 311200
Page 1 of 4
NEW MEXICO OFFICE OF THE STATE ENGINEER
WELL RECORD

5. PRINCIPAL WATER-BEARING STRATA

<table>
<thead>
<tr>
<th>Depth in Feet From</th>
<th>Thickness in feet</th>
<th>Description of water-bearing formation</th>
<th>Estimated Yield (GPM)</th>
</tr>
</thead>
<tbody>
<tr>
<td>690 - 1011, 320</td>
<td></td>
<td>Clay with Sand and Gravel</td>
<td>120</td>
</tr>
</tbody>
</table>

6. RECORD OF CASING

<table>
<thead>
<tr>
<th>Diameter (inches)</th>
<th>Pounds per ft. per in.</th>
<th>Threads</th>
<th>Depth in Feet Top</th>
<th>Bottom</th>
<th>Length (feet)</th>
<th>Type of Shoe</th>
<th>Perforations</th>
<th>From To</th>
</tr>
</thead>
<tbody>
<tr>
<td>6.625</td>
<td>280</td>
<td></td>
<td>0</td>
<td>470</td>
<td>470</td>
<td>Blank</td>
<td>Screen</td>
<td></td>
</tr>
<tr>
<td>6.625</td>
<td>432</td>
<td></td>
<td>470</td>
<td>810</td>
<td>10</td>
<td>Blank</td>
<td>Sump</td>
<td></td>
</tr>
</tbody>
</table>

7. RECORD OF MUDDING AND CEMENTING

<table>
<thead>
<tr>
<th>Depth in Feet From</th>
<th>Hole Diameter</th>
<th>Sacks of mud</th>
<th>Cubic Feet of Cement</th>
<th>Method of Placement</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 - 1000</td>
<td>17.5</td>
<td>10</td>
<td>0</td>
<td>Tremi</td>
</tr>
</tbody>
</table>

8. PLUGGING RECORD

Plugging Contractor:
Address:
Plugging Method:
Date Well Plugged:
Plugging approved by: State Engineer Representative

<table>
<thead>
<tr>
<th>No.</th>
<th>Depth in Feet Top</th>
<th>Bottom</th>
<th>Cubic Feet of Cement</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>5</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

File Number: T-4661
Form: wr-20
Trn Number: 311200

July 12, 2005 35.12S.09E
T-4661
NEW MEXICO OFFICE OF THE STATE ENGINEER
WELL RECORD

9. LOG OF HOLE

<table>
<thead>
<tr>
<th>Depth in Feet From</th>
<th>Thickness in feet To</th>
<th>Color and Type of Material Encountered</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>210</td>
<td>Sandy, Gravel, Clay</td>
</tr>
<tr>
<td>210</td>
<td>280</td>
<td>Ashy clay, w/sand and gravels</td>
</tr>
<tr>
<td>280</td>
<td>320</td>
<td>Lithic Gravels</td>
</tr>
<tr>
<td>320</td>
<td>410</td>
<td>Clay w/sand Lithic Gravels</td>
</tr>
<tr>
<td>410</td>
<td>440</td>
<td>Cement</td>
</tr>
<tr>
<td>440</td>
<td>690</td>
<td>Clay w/ Sand Lithic Gravels</td>
</tr>
<tr>
<td>690</td>
<td>1010</td>
<td>Limestone, Dolomite, Sandstone, Gravel</td>
</tr>
<tr>
<td></td>
<td>320</td>
<td>Shale</td>
</tr>
</tbody>
</table>

File Number: T-4661

Form: wr-20     page 3 of 4

July 12, 2005

Trn Number: 311200

35.12S.09E

T-4661
NEW MEXICO OFFICE OF THE STATE ENGINEER
WELL RECORD

10. ADDITIONAL STATEMENTS OR EXPLANATIONS:
   Test Well drilled for the City of Alamogordo.

The undersigned hereby certifies that, to the best of his knowledge and
belief, the foregoing is a true and correct record of the above described
hole.

[Signature]
Driller

4/3/05
(mm/dd/year)

FOR STATE ENGINEER USE ONLY

Quad _____; FWI _____; FSL _____; Use _____; Location No. _____

File Number: T-4661
Form: wr-20

July 12, 2005

Trn Number: 311200

File Number: T-4661

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Figure 2. Diagram showing recommended well construction. Small Diameter Test Wells

July 12, 2005

35.123.09E

T-4661
PAT MCCOURT
CITY OF ALAMOGORDO
1376 E. NINTH STREET
ALAMOGORDO, NM 88310

Greetings:

Enclosed is your copy of the well record for the above numbered permit, which has been accepted for filing.

Sincerely,

[Signature]

Sarah Rodriguez
(505) 524-6161

Enclosure
cc: Santa Fe Office

wellrrcv
<table>
<thead>
<tr>
<th>January 10, 2006</th>
<th><strong>Well No. 5 (T-3825) City of Alamogordo -- Lithologic Log</strong></th>
</tr>
</thead>
</table>
| **Cuttings logged wet, collected with screen from discharge,**  
**0-40' direct mud rotary, 40-1010' reverse mud rotary** | |
<p>| <strong>Depth, ft</strong> | <strong>Description</strong> |
| 0-10 | cobbles, boulders, sand, soil: 40% soil, flour, vf to f tan sand, stratum maturity up to 2' in size |
| 10-40 | cobbles, pebbles, gravels, sand: 75% gravel, pebbles, and cobbles 2-16 mm cuttings, 25% f-mc sand well rounded qtz. |
| 40-50 | cobbley pebbly clay: pinkish tan clay, slightly plastic. Pebbles and cobbles are subrounded to rounded, whitish tan, gray, black |
| 50-60 | interbedded cobbly, pebbly, gravelly clay: cobble layer from 50-54' has 64-120 mm clasts. Gravelly clay from 54-60' caly is reddish tan with minor (~10%) amounts of gravel in clay. |
| 60-80 | interbedded, gravelly, cobbly, pebbly, clay: tan clay with medium plasticity. Gravel beds med-coarse mixed lithology subrounded to rounded. Cobbles are medium-coarse mixed lithology and color. |
| 80-90 | gravelly pebbles &amp; cobbles: pebbles and gravel are subrounded to subangular, mixed lithology and color |
| 90-120 | gravel, pebble, cobbles interbedded with clay: med-large cobbles mixed lithology and color, pebbles and gravel subrounded to rounded mixed lithology and color. Light tan clay with medium plasticity |
| 120-130 | clay silt with gravel: orange-red silty clay. Medium-coarse gravel mixed lithology and color. |
| 130-270 | silty sandy clay: 60% tan clay medium plasticity. 20% f-vf sand qtz. 20% tan silt |
| 270-320 | Interbedded clay, cobbles: 60% tan clay medium plasticity. 20% f-vf sand qtz. 20% tan silt. Interbedded cobbles small mixed lithology and color. |
| 320-340 | pebbles, gravels, sand: pebbles small-large mixed lithology and color. Gravels med-larger mixed lithology and color. |
| 340-350 | silty sandy clay: 55% tan-brown clay, medium plasticity. 25% vf tan sand qtz. 20% tan silt |
| 350-360 | interbedded clay and pebbles: 65% tan-brown clay, medium plasticity. 25% gravel mixed lithology and color. 10% pebbles mixed lithology and color |
| 360-370 | pebbles, gravels, sand: evenly divided subrounded to rounded mixed lithology and color. |
| 370-390 | gravelly sandy silty clay: 75% tan-reddish clay. 25% sand, silt, and gravel of mixed lithology and color |
| 390-400 | cobbles, pebbles, gravels: Evenly distributed mixed lithology and color. Cobbles up to 4-inches |</p>
<table>
<thead>
<tr>
<th>January 10, 2006</th>
<th>Well No. 5 (T-3825) City of Alamogordo -- Lithologic Log</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>cuttings logged wet, collected with screen from discharge, 0-40' direct mud rotary, 40-1010' reverse mud rotary</td>
</tr>
<tr>
<td>depth, ft</td>
<td>description</td>
</tr>
<tr>
<td>400-470</td>
<td><em>silty sandy clay</em> interbedded with <em>pebble beds</em>: 50% tan clay, slightly plastic. 25% f-vf quartz sand. 20% tan silt. 5% or less pebbles mixed lithology and color</td>
</tr>
<tr>
<td>470-490</td>
<td><em>cobble, pebble gravel</em>: evenly distributed, cobbles mixed lithology, pebbles and coarse gravels mostly limestone and dolomite</td>
</tr>
<tr>
<td>490-590</td>
<td><em>silty sandy clay</em> interbedded with <em>cobbles and pebbles</em>: 50% tan-reddish clay slightly plastic. 25% f-vf quartz sand. 15% tan silt. 10% cobbles</td>
</tr>
<tr>
<td>590-640</td>
<td><em>interbedded cobble, gravel, pebble beds with clays</em>: 50% cobbles and pebble gravel of mixed lithology and color- mostly limestone and dolomite. 50% light tan silty sandy clay.</td>
</tr>
<tr>
<td>640-740</td>
<td><em>interbedded cobbles, pebbles, gravels with clays</em>: 75% cobbles and pebble gravel of mixed lithology and color- mostly limestone and dolomite 25% reddish-tan silty sandy clay.</td>
</tr>
<tr>
<td>740-760</td>
<td><em>clays</em> interbedded with <em>cobbles and pebble gravel</em>: 60% tan silty sandy clay. 40% cobbles and pebble gravel</td>
</tr>
<tr>
<td>760-820</td>
<td><em>cobbles and pebble gravel</em>: cobbles and pebble gravels of mixed lithology- mostly limestone</td>
</tr>
<tr>
<td>820-950</td>
<td><em>cobbles and pebble gravel</em>: cobbles and pebble gravels of mixed lithology- mostly limestone and dolomite</td>
</tr>
<tr>
<td>950-1000</td>
<td><em>interbedded cobbles and pebble gravels with clays</em>: 75% cobbles and pebble gravel of mixed lithology and color- mostly limestone and dolomite. 25% reddish-tan silty sandy clay.</td>
</tr>
<tr>
<td>1000-1010</td>
<td><em>cobbles and pebble gravel</em>: cobbles and pebble gravels of mixed lithology- mostly limestone</td>
</tr>
</tbody>
</table>
NEW MEXICO OFFICE OF THE STATE ENGINEER
WELL RECORD

1. OWNER OF WELL
Name: City of Alamogordo
Contact: Pat McCourt - City Manager
Address: 1376 E Ninth Street
City: Alamogordo
State: NM Zip: 88310-5938
Work Phone: 505-439-4220

2. LOCATION OF WELL (A, B, C, or D required, E or F if known)
A. NW 1/4 SE 1/4 SW 1/4 Section: 1 Township: 13S Range: 9E N.M.P.M.
in Otero County.
B. X = __________ feet, Y = __________ feet, N.M. Coordinate System Zone in the ______________ Grant.
U.S.G.S. Quad Map __________
C. Latitude: ___d ___m ___s Longitude: ___d ___m ___s
D. East 403,175 (m), North 3,674,926 (m), UTM Zone 13, NAD 27 (27 or 83)
E. Tract No. ____, Map No. ____ of the __________ Hydrographic Survey
F. Lot No. ____, Block No. ____ of Unit/Tract of the __________ Subdivision recorded in __________ County
G. Other: __________
H. Give State Engineer File Number if existing well: __________
I. On land owned by (required): Bureau of Land Management

3. DRILLING CONTRACTOR
License Number: WD-767
Name: Henkle Drilling & Supply Co., Inc. Work Phone: 620-277-2389
Agent: Bruce Reichmuth Home Phone: __________
Mailing Address: P.O. Box 639
City: Garden City, State: KS Zip: 67846

4. DRILLING RECORD
Drilling began: 1/6/2006; Completed: 2/8/2006; Type tools: Reverse Rotary
Size of hole: 22 in.; Total depth of well: 1010 ft.;
Completed well is: shallow (shallow, artesian);
Depth to water upon completion of well: 190 ft.
NEW MEXICO OFFICE OF THE STATE ENGINEER
WELL RECORD

5. PRINCIPAL WATER-BEARING STRATA

<table>
<thead>
<tr>
<th>Depth in Feet From 480</th>
<th>Thickness in feet 980-500</th>
<th>Description of water-bearing formation cobbles and gravel</th>
<th>Estimated Yield (GPM) 1,500</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

6. RECORD OF CASING

<table>
<thead>
<tr>
<th>Diameter (inches)</th>
<th>Pounds per ft.</th>
<th>Threads per in.</th>
<th>Depth in Feet</th>
<th>Length (feet)</th>
<th>Type of Shoe</th>
<th>Perforations</th>
</tr>
</thead>
<tbody>
<tr>
<td>30</td>
<td>118.65</td>
<td>n/a</td>
<td>0</td>
<td>38</td>
<td>38</td>
<td>none</td>
</tr>
<tr>
<td>14</td>
<td>54.57</td>
<td>n/a</td>
<td>+2</td>
<td>460</td>
<td>462</td>
<td>none</td>
</tr>
<tr>
<td>14</td>
<td>72.09</td>
<td>n/a</td>
<td>460</td>
<td>480</td>
<td>20</td>
<td>none</td>
</tr>
<tr>
<td>14</td>
<td>54.57</td>
<td>n/a</td>
<td>480</td>
<td>980</td>
<td>500</td>
<td>none</td>
</tr>
<tr>
<td>14</td>
<td>54.57</td>
<td>n/a</td>
<td>980</td>
<td>1000</td>
<td>20</td>
<td>plate bottom</td>
</tr>
</tbody>
</table>

7. RECORD OF MUDDING AND CEMENTING

<table>
<thead>
<tr>
<th>Depth in Feet From 0</th>
<th>Hole Diameter 38</th>
<th>Sacks of mud 42</th>
<th>Cubic Feet of Cement 215</th>
<th>Method of Placement Pumped through tremie</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

8. PLUGGING RECORD

Plugging Contractor: ____________________________
Address: ____________________________
Plugging Method: ____________________________
Date Well Plugged: ____________________________

Plugging approved by: ____________________________
State Engineer Representative

<table>
<thead>
<tr>
<th>No.</th>
<th>Depth in Feet</th>
<th>Cubic Feet of Cement</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Top Bottom</td>
<td></td>
</tr>
<tr>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4</td>
<td></td>
<td></td>
</tr>
<tr>
<td>5</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
### 9. LOG OF HOLE

<table>
<thead>
<tr>
<th>Depth in Feet From</th>
<th>Thickness in feet To</th>
<th>Color and Type of Material Encountered</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>40</td>
<td>cobbles, gravel, and sand, tan</td>
</tr>
<tr>
<td>40</td>
<td>130</td>
<td>cobbles and gravel with some clay, tan</td>
</tr>
<tr>
<td>130</td>
<td>270</td>
<td>silty sandy clay, tan</td>
</tr>
<tr>
<td>270</td>
<td>320</td>
<td>interbedded clay and cobbles</td>
</tr>
<tr>
<td>320</td>
<td>340</td>
<td>sand and gravel, mixed colors</td>
</tr>
<tr>
<td>340</td>
<td>350</td>
<td>silty sandy clay</td>
</tr>
<tr>
<td>350</td>
<td>400</td>
<td>cobbles and gravel, some clay, tan</td>
</tr>
<tr>
<td>400</td>
<td>760</td>
<td>silty sand, clay with gravel layers, tan</td>
</tr>
<tr>
<td>760</td>
<td>1,010</td>
<td>cobbles and gravel, some clay, tan</td>
</tr>
</tbody>
</table>
NEW MEXICO OFFICE OF THE STATE ENGINEER
WELL RECORD

10. ADDITIONAL STATEMENTS OR EXPLANATIONS:

The undersigned hereby certifies that, to the best of his knowledge and belief, the foregoing is a true and correct record of the above described hole.

__________________________  09/21/2006
Miguel Camarena        (mm/dd/year)
Driller

FOR STATE ENGINEER USE ONLY

Quad____; FWL____; FSL____; Use_______; Location No._____

File Number: T-05010
Trn Number: TRN-348651

Form: wr-20
Page 4 of 4
PAT MCCOURT
CITY OF ALAMOGORDO
1376 E. NINTH STREET
ALAMOGORDO, NM  88310

Greetings:

Enclosed is your copy of the well record for the above numbered permit, which has been accepted for filing.

Sincerely,

(Signed)

(505)524-6161

Enclosure
cc:  Santa Fe Office

wellrcv
<table>
<thead>
<tr>
<th>Depth (ft)</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>0-310</td>
<td>gravel: chips to ¾&quot;, grey, white, black; rounded to subangular; Li, Qtz, Ss, siltstone, granite.</td>
</tr>
<tr>
<td>310-340</td>
<td>clay: silty sandy tan clay, slightly plastic; fine-coarse sands, rounded to subrounded</td>
</tr>
<tr>
<td>340-370</td>
<td>gravel: clayey silty sand gravel. Fine gravel gray, black, white, tan; subrounded to subangular with light tan clay and f-c sand</td>
</tr>
<tr>
<td>370-400</td>
<td>clay: silty sandy tan clay, slightly plastic. Fine-coarse sands, rounded to subrounded</td>
</tr>
<tr>
<td>400-430</td>
<td>sand: clayey silty sand. 80% coarse-fine sand, grey, black, tan, white; subangular to subrounded, Qtz and feldspar. 20% tan silty clay</td>
</tr>
<tr>
<td>430-460</td>
<td>sand: clayey silty sand. 80% coarse-fine sand, grey, black, tan, white; subangular to subrounded. 20% tan silty clay</td>
</tr>
<tr>
<td>460-530</td>
<td>clay: gravely sandy clay. 60% tan clay. 30% fine-medium sand. 10% fine gravel subangular to angular, black.</td>
</tr>
<tr>
<td>530-540</td>
<td>sand: silty sand. 90% coarse to fine sand; gray, black, tan, white; subrounded to subangular. 10% tan silty clay.</td>
</tr>
<tr>
<td>540-550</td>
<td>clay: gravely sandy clay. 60% tan clay. 30% fine-medium sand. 10% fine gravel subangular to angular, black.</td>
</tr>
<tr>
<td>550-560</td>
<td>sand: silty sand. 90% coarse to fine sand; gray, black, tan, white; subrounded to subangular. 10% tan silty clay.</td>
</tr>
<tr>
<td>560-600</td>
<td>clay: 55% gravely sandy clay. 60% tan clay. 20% fine-coarse sand. 25% fine gravel.</td>
</tr>
<tr>
<td>600-630</td>
<td>sand: silty clayey sand. 70% coarse to fine sand; black, tan, white; subrounded to subangular. 30% tan silty clay</td>
</tr>
<tr>
<td>630-640</td>
<td>sand: silty clayey sand. 80% coarse sand; black, tan, white; subrounded to subangular. 20% tan silty clay</td>
</tr>
<tr>
<td>640-830</td>
<td>clay: silty sandy gravelly clay. 70% tan clay, medium plasticity. 20% gravel, black; subangular to angular. 10% fine to coarse sand; tan, white, black.</td>
</tr>
<tr>
<td>830-840</td>
<td>sand: clay gravelly sand. 80% coarse sand; subrounded to subangular. 10% tan silty clay. 10% fine gravel</td>
</tr>
<tr>
<td>840-880</td>
<td>clay: sand: sandy gravelly clay. 70% tan clay, medium plasticity. 20% gravel, black; subangular to angular. 10% fine to coarse sand; tan, white, black.</td>
</tr>
</tbody>
</table>
| 880-930   | sand: clay gravelly sand. coarse sand; subrounded to subangular. 20% silty clay. 75% gravel, some angular chips up to ⅛".
<table>
<thead>
<tr>
<th>February 28, 2005</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>No. 8 (T-4662-Expl) City of Alamogordo -- Lithologic Log</strong></td>
</tr>
<tr>
<td><strong>cuttings logged wet, from discharge trench with shovel, direct mud rotary</strong></td>
</tr>
<tr>
<td><strong>depth, ft</strong></td>
</tr>
<tr>
<td>930-940</td>
</tr>
<tr>
<td>940-950</td>
</tr>
<tr>
<td>950-960</td>
</tr>
<tr>
<td>960-1000</td>
</tr>
<tr>
<td>1000-1040</td>
</tr>
<tr>
<td>1040-1060</td>
</tr>
<tr>
<td>1060-1090</td>
</tr>
</tbody>
</table>
NEW MEXICO OFFICE OF THE STATE ENGINEER
WELL RECORD

1. OWNER OF WELL
Name: City of Alamogordo
Contact: Mr. Pat McCourt
Address: 1376 E. 9th St.
City: Alamogordo
State: NM Zip: 88310

2. LOCATION OF WELL (A, B, C, or D required, E or F if known)
A. SE 1/4 1/4 1/4 Section: 7 Township: 13S Range: 10 E N.M.F.M.
in Otero County.

B. X = _______ feet, Y = _______ feet, N.M. Coordinate System Zone in the Grant.

C. Latitude: 33° 12' 6.8" S Longitude: 106° 01' 25.0" S

D. East _______ (m), North _______ (m), UTM Zone 13, NAD 83 (27 or 83)

E. Tract No. _______, Map No. _______ of the _______ Hydrographic Survey

F. Lot No. _______, Block No. _______ of Unit/Tract of the Subdivision recorded in _______ County.

G. Other: 

H. Give State Engineer File Number if existing well: 

I. On land owned by (required): BLM

3. DRILLING CONTRACTOR
License Number: WD-331
Name: Stewart Brothers Drilling
Agent: Randy Stewart
Mailing Address: P.O. Box 2067
City: Milan
State: NM Zip: 87021

4. DRILLING RECORD
Drilling began: 2/27/05; Completed: 3/22/05; Type tools: Mud Rotary;
Size of hole: 12.25"; Total depth of well: 1093 ft.;
Completed well is: Shallow (shallow, artesian);
Depth to water upon completion of well: .307 ft.
NEW MEXICO OFFICE OF THE STATE ENGINEER
WELL RECORD

5. PRINCIPAL WATER-BEARING STRATA

<table>
<thead>
<tr>
<th>Depth in Feet From</th>
<th>Thickness in feet</th>
<th>Description of water-bearing formation</th>
<th>Estimated Yield (GPM)</th>
</tr>
</thead>
<tbody>
<tr>
<td>480</td>
<td>980</td>
<td>500</td>
<td>Sands and Gravels</td>
</tr>
</tbody>
</table>

6. RECORD OF CASING

<table>
<thead>
<tr>
<th>Diameter (inches)</th>
<th>Pounds per ft. per in.</th>
<th>Threads</th>
<th>Depth in Feet</th>
<th>Length (feet)</th>
<th>Type of Shoe</th>
<th>Perforations</th>
</tr>
</thead>
<tbody>
<tr>
<td>6</td>
<td>12.10</td>
<td>Weld</td>
<td>0</td>
<td>470</td>
<td>470</td>
<td>None</td>
</tr>
<tr>
<td>6</td>
<td>25.68</td>
<td>Weld</td>
<td>470</td>
<td>480</td>
<td>10</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>SS Scr</td>
<td>Weld</td>
<td>480</td>
<td>980</td>
<td>500</td>
<td>Sump</td>
</tr>
</tbody>
</table>

7. RECORD OF MUDDING AND CEMENTING

<table>
<thead>
<tr>
<th>Depth in Feet From</th>
<th>Hole Diameter</th>
<th>Sacks of mud</th>
<th>Cubic Feet of Cement</th>
<th>Method of Placement</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>20</td>
<td>17 1/2</td>
<td>22</td>
<td>Tremi</td>
</tr>
</tbody>
</table>

8. PLUGGING RECORD

Plugging Contractor: 
Address: 
Plugging Method: 
Date Well Plugged:
Plugging approved by: State Engineer Representative

<table>
<thead>
<tr>
<th>No.</th>
<th>Depth in Feet Top</th>
<th>Cubic Feet of Cement</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4</td>
<td></td>
<td></td>
</tr>
<tr>
<td>5</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
NEW MEXICO OFFICE OF THE STATE ENGINEER
WELL RECORD

9. LOG OF HOLE

<table>
<thead>
<tr>
<th>Depth in Feet From 0</th>
<th>Thickness in Feet</th>
<th>Color and Type of Material Encountered</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>310</td>
<td>Gravel 3/4 Chips, grey, white, black</td>
</tr>
<tr>
<td>310</td>
<td>340</td>
<td>Clay, Silty sand, Clay</td>
</tr>
<tr>
<td>340</td>
<td>370</td>
<td>Gravel, Clay Silty sand, Grey, White,</td>
</tr>
<tr>
<td>370</td>
<td>400</td>
<td>Clay Silty Sand &amp; Clay</td>
</tr>
<tr>
<td>400</td>
<td>430</td>
<td>Subrounded Feldspar, Silty Clay</td>
</tr>
<tr>
<td>430</td>
<td>460</td>
<td>Sand, Grey, Black, Tan, White</td>
</tr>
<tr>
<td>460</td>
<td>530</td>
<td>Clay, Gravel Sandy Clay</td>
</tr>
<tr>
<td>530</td>
<td>560</td>
<td>Clay, Gravels, Sandy Clay – Tan</td>
</tr>
<tr>
<td>560</td>
<td>600</td>
<td>Sand Silty Sand, Clay</td>
</tr>
<tr>
<td>600</td>
<td>630</td>
<td>Sandy Black, Grey, Tan</td>
</tr>
<tr>
<td>630</td>
<td>640</td>
<td>Gravels, Clay, Silty Sand</td>
</tr>
<tr>
<td>640</td>
<td>830</td>
<td>Sandy Silt, Sandy Gravel</td>
</tr>
<tr>
<td>830</td>
<td>880</td>
<td>Clay, Silty Sands &amp; Gravels</td>
</tr>
<tr>
<td>880</td>
<td>930</td>
<td>Sand, Clay, Silty Sand</td>
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<tr>
<td>930</td>
<td>940</td>
<td>Clay, Silty Sand, Gravels</td>
</tr>
<tr>
<td>940</td>
<td>950</td>
<td>Silty Sand &amp; Gravel</td>
</tr>
<tr>
<td>950</td>
<td>1093</td>
<td>Fine Gravel &amp; Silty Sand</td>
</tr>
</tbody>
</table>
NEW MEXICO OFFICE OF THE STATE ENGINEER
WELL RECORD

10. ADDITIONAL STATEMENTS OR EXPLANATIONS:

Well was drilled for ground water information, for The City of Alamogordo.

The undersigned hereby certifies that, to the best of his knowledge and belief, the foregoing is a true and correct record of the above described hole.

Driller

3/22/05

FOR STATE ENGINEER USE ONLY

Quad ____; FWL ____; FSL ____; Use ________; Location No. ________

File Number: T4662
Form: wr-70

June 3, 2005

07.13S.10E
T-4662
Figure 2. Diagram showing recommended well construction. Small Diameter Test Wells

June 3, 2005
PAT MCCOURT  
CITY OF ALAMOGORDO  
1376 E. NINTH STREET  
ALAMOGORDO, NM  88310  

Greetings:  

Enclosed is your copy of the well record for the above numbered permit, which has been accepted for filing.  

Sincerely,  

Sarah Rodriguez  
(505) 524-6161  

Enclosure  
cc: Santa Fe Office  

wellrrcv
STATE ENGINEER OFFICE
WELL RECORD

Section 1. GENERAL INFORMATION

(A) Owner of well: ROBERT D. Y DORLA D. OLSN
Street or Post Office Address: 100 BOX 262
City and State: BISHOP, CA

Well was drilled under Permit No. T-00255 and is located in the:

a. SE ¼ SE NE ¼ ¼ of Section 11 Township 8S Range 11E N.M.P.N.

b. Tract No. of Map No. of the

c. Lot No. of Block No. of the
Subdivision, recorded in LINCOLN County.

d. X= feet, Y= feet, N.M. Coordinate System Zone in
the Grant.

(B) Drilling Contractor: McClendon Drilling Service
Address: 3508 CREASEWOOD Ave.- ALAMOSA, CO 81101
Drilling Began 9/24/02 Completed 10/12/02 Type tools CIRCLE
Size of hole 5 in.

Elevation of land surface or at well is ft. Total depth of well 160 ft.

Completed well is shallow □ artesian. Depth to water upon completion of well 45 ft.

Section 2. PRINCIPAL WATER-BEARING STRATA

<table>
<thead>
<tr>
<th>Depth in Feet</th>
<th>Thickness in Feet</th>
<th>Description of Water-Bearing Formation</th>
<th>Estimated Yield (gallons per minute)</th>
</tr>
</thead>
<tbody>
<tr>
<td>From</td>
<td>To</td>
<td></td>
<td></td>
</tr>
<tr>
<td>0</td>
<td>160</td>
<td>SAND &amp; GRAVEL</td>
<td>10</td>
</tr>
</tbody>
</table>

Section 3. RECORD OF CASING

<table>
<thead>
<tr>
<th>Diameter (inches)</th>
<th>Pounds per foot</th>
<th>Threads per in.</th>
<th>Depth in Feet</th>
<th>Length (feet)</th>
<th>Type of Shoe</th>
<th>Perforations</th>
</tr>
</thead>
<tbody>
<tr>
<td>5 1/2 ED STEEL</td>
<td>0</td>
<td>160</td>
<td>120</td>
<td>160</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Section 4. RECORD OF MUDDING AND CEMENTING

<table>
<thead>
<tr>
<th>Depth in Feet</th>
<th>Hole Diameter</th>
<th>Sacks of Mud</th>
<th>Cubic Feet of Cement</th>
<th>Method of Placement</th>
</tr>
</thead>
<tbody>
<tr>
<td>02-04-08</td>
<td>2 3/4</td>
<td>12</td>
<td>2</td>
<td></td>
</tr>
</tbody>
</table>

Section 5. PLUGGING RECORD

<table>
<thead>
<tr>
<th>No.</th>
<th>Depth in Feet</th>
<th>Cubic Feet of Cement</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Plugging Contractor
Address
Plugging Method
Date Well Plugged
Plugging approved by:

State Engineer Representative

FOR USE OF STATE ENGINEER ONLY

T-00255-S-3

Irrigation
Use Location No.
## Section 6. LOG OF HOLE

<table>
<thead>
<tr>
<th>Depth in Feet</th>
<th>Thickness in Feet</th>
<th>Color and Type of Material Encountered</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>18</td>
<td>Topsoil, some gravel</td>
</tr>
<tr>
<td>18</td>
<td>100</td>
<td>Sand &amp; gravel</td>
</tr>
</tbody>
</table>

---

### Section 7. REMARKS AND ADDITIONAL INFORMATION

The undersigned hereby certifies that, to the best of his knowledge and belief, the foregoing is a true and correct record of the above described hole.

Driller

INSTRUCTIONS: This form should be executed in triplicate, preferably typewritten, and submitted to the appropriate district office of the State Engineer. All sections, except Section 5, shall be answered as completely and accurately as possible when any well is drilled, repaired, or deepened. When this form is used as a plugging record, only Section 1(a) and Section 5 need be completed.
Trn Nbr: 236122
File Nbr: T 00255
Well File Nbr: T 00255 S-3

May 28, 2003

ROBERT D & DARLA D CRENSHAW
P.O. BOX 882
CARRIZozo, NM 88301

Greetings:

Enclosed is your copy of the well record for the above numbered permit, which has been accepted for filing.

Sincerely,

[Signature]

Elizabeth Hays
(505) 524-6161

Enclosure
cc: Santa Fe Office
wellrroc

wellrroc