

APPENDIX A—NMOSE WELL RECORDS AND FIELD PHOTOS

Well Inventory Form

Project: Northern Taos Plateau wells Date: 5/12/08

Well ID: TC-201 Site Name: Cerrito Negro well

OSE Well Record ID: RG-36732 amend. Other ID: TSWCD TP-20

Owner name: BLM Owner phone: _____

Location of site: SE of Cerrito Negro, large vertical tank

Quad: Tres Piedras NE Sample Collected? Yes No

UTM (NAD27): 425130 E 4064747 N Elev: _____ ft

Total depth: 354 ft Historic depth to water: 335 ft Source: driller

Outer casing diam.: 6 5/8 in. Inner diam.: 6 in. Stick-up height: + 1.1 or - ft

Date drilled: 1956 How is well used: (livestock) domestic, irrigation, other _____

Water Level Measurement

Sonic (normal): 1) 56.0 ft 2) _____ ft 3) _____ ft
Sonic (deep): 1) 171 ft 2) 1300 ft 3) _____ ft *Erratic measurements, due to blowing air?*

Steel Tape:

1) Hold: _____ ft Cut: _____ ft DTW: _____ ft Notes: _____
2) Hold: _____ ft Cut: _____ ft DTW: _____ ft Notes: _____
3) Hold: _____ ft Cut: _____ ft DTW: _____ ft Notes: _____
4) Hold: _____ ft Cut: _____ ft DTW: _____ ft Notes: _____
5) Hold: _____ ft Cut: _____ ft DTW: _____ ft Notes: _____

E-Cable: 1) 341.76 ft Notes: _____
2) 341.83 ft Notes: Good reading

Static Water Level: 340.73 feet below land surface

Photos (closeup) frame #: 100-1156, 1157 (overview) frame #: 100-1158, 1159

Field Staff: P. Johnson, T. Kludt, P. Bauer, B. Felix

Comments: Well was blowing air hard.

TC-201 Cerrito Negro well

10/536
Red Top Drilling Co.

P. O. Box 505 Las Vegas, New Mexico

WATER WELL LOG AND INFORMATION

Location of well Taos County Contract No 14-11-008-17
Quinlin-Middlemist project
 Date completed Sept. 14, 1956
 Driller Dan Laughlin
 Total depth 354 ft.
 Water Bearing Strata:
 G. P. M. 10 From 335 ft. to 340 ft.
 G. P. M. From _____ ft. to _____ ft.
 G. P. M. From _____ ft. to _____ ft.
 Total G. P. M. 10 Type Test Bailer
 Static Water Level from surface 335 ft.
 Casing: Total depth 354 ft.
 Size 6" I.D. 20 lb.
 Perforation: From 335 ft. to 345 ft.
 From _____ ft. to _____ ft.
 From _____ ft. to _____ ft.

Log

THICKNESS OF STRATA	FORMATION	TO DEPTH OF
<u>10</u>	<u>Yellow Clay</u>	<u>10</u> ft.
<u>35</u>	<u>Red Clay & Boulders</u>	<u>45</u> ft.
<u>5</u>	<u>Malpai Cinders</u>	<u>50</u> ft.
<u>65</u>	<u>Malpai</u>	<u>115</u> ft.
<u>8</u>	<u>Cinders & Boulders</u>	<u>123</u> ft.
<u>5</u>	<u>Solid Malpai</u>	<u>128</u> ft.
<u>37</u>	<u>Red Cinders</u>	<u>165</u> ft.
<u>39</u>	<u>Solid Black Malpai</u>	<u>204</u> ft.
<u>31</u>	<u>Red Cinders</u>	<u>255</u> ft.
<u>15</u>	<u>Hard Black Malpai</u>	<u>270</u> ft.
<u>8</u>	<u>Black & White Cinders</u>	<u>278</u> ft.
<u>14</u>	<u>Bright red cinders</u>	<u>292</u> ft.
<u>38</u>	<u>Red & Black Cinders</u>	<u>330</u> ft.
<u>24</u>	<u>Black Malpai</u>	<u>354</u> ft.
		ft.
		ft.
		ft.
		ft.

Pumping Equipment:

Windmill:

Size of mill _____ ft.
 Size of tower _____ ft.
 Tubing size _____ Depth _____ ft.
 Sucker rod size _____ Depth _____ ft.

Cylinder size _____
 Type of check _____

Pump :

Type _____
 Tubing size _____ Depth _____ ft.
 Sucker rod size _____ Depth _____ ft.
 Cylinder size _____
 Type of Check _____



TC-201 Cerrito Negro well

Well Inventory Form

Project: Northern Taos Plateau wells

Date: 5/12/08

Well ID: TC-202 Site Name: _____

OSE Well Record ID: RG-36733 Other ID: TSWCD TP-16

Owner name: _____ Owner phone: _____

Location of site: N slope of Cerro Montoso. Large vertical tank.

Quad: Tres Piedras NE Sample Collected? Yes No

UTM (NAD27): 431148 E 4062213 N Elev: _____ ft

Total depth: 550 ft Historic depth to water: 400 ft Source: BLM, OSE

Outer casing diam.: 6 5/8 in. Inner diam.: 6 in. Stick-up height: +1.0 or - ft

Date drilled: 1960 How is well used: (livestock) domestic, irrigation, other inactive

Water Level Measurement

Sonic (normal): 1) 250 ft 2) _____ ft 3) _____ ft

Sonic (deep): 1) 251 ft 2) _____ ft 3) _____ ft

Steel Tape:

1) Hold: _____ ft Cut: _____ ft DTW: _____ ft Notes: _____

2) Hold: _____ ft Cut: _____ ft DTW: _____ ft Notes: _____

3) Hold: _____ ft Cut: _____ ft DTW: _____ ft Notes: _____

4) Hold: _____ ft Cut: _____ ft DTW: _____ ft Notes: _____

5) Hold: _____ ft Cut: _____ ft DTW: _____ ft Notes: _____

E-Cable: 1) 300.63 ft Notes: Pump in well, but wires cut

2) _____ ft Notes: _____

Static Water Level: 299.63 feet below land surface

Photos (closeup) frame #: 100-1161, 1162 (overview) frame #: 100-1163, 1160

Field Staff: P. Johnson, T. Kludt, P. Bauer, B. Felix

Comments: Well appears to be on BLM land, but inactive, and no permittee is known.



TC-202 Abeyta well

Well Inventory Form

Project: Northern Taos Plateau wells

Date: 6/5/09

Well ID: TC-203

Site Name: Brushy Mtn perlite mine

OSE Well Record ID: RG-

Other ID: ISWCD TP-17

Owner name: _____

Owner phone: _____

Location of site: At abandoned perlite mine on south side of Brushy Mtn. Well is in steel pumphouse.

Quad: Tres Piedras NE

Sample Collected? Yes No

UTM (NAD27): 432295 E 4062876 N Elev: 7579 ft

Total depth: _____ ft Historic depth to water: _____ ft Source: _____

Outer casing diam.: 6 5/8 in. Inner diam.: 6 in. Stick-up height: + 1 or - ft

Date drilled: _____ How is well used: livestock, domestic, irrigation, other Mine

Water Level Measurement

Sonic (normal): 1) _____ ft 2) _____ ft 3) _____ ft

Sonic (deep): 1) _____ ft 2) _____ ft 3) _____ ft

Steel Tape:

1) Hold: 460 ft Cut: 34.8 ft DTW: _____ ft Notes: rusty water

2) Hold: 435 ft Cut: 8.94 ft DTW: 426.06 ft Notes: excellent

3) Hold: _____ ft Cut: _____ ft DTW: _____ ft Notes: _____

4) Hold: _____ ft Cut: _____ ft DTW: _____ ft Notes: _____

5) Hold: _____ ft Cut: _____ ft DTW: _____ ft Notes: _____

E-Cable: 1) _____ ft Notes: _____

2) _____ ft Notes: _____

Static Water Level: 425.06 feet below land surface

Photos (closeup) frame #: 100-1165 and 1167 (overview) frame #: 100-1164 and 1166

Field Staff: P. Johnson, T. Kludt, P. Bauer, B. Felix

Comments: Elev. of SWL = 7154'



TC-203 Brushy Mtn mine well

Well Inventory Form

Project: Northern Taos Plateau wells Date: 5/12/08

Well ID: TC-204 Site Name: Chiflo well / Ezequiel well

OSE Well Record ID: RG-51763 Other ID: TSWCD WG-16

Owner name: BLM / Eliseo Rael Owner phone: _____

Location of site: S of Cerro Chiflo. Large vertical tank.

Quad: Guadalupe Mtn Sample Collected? Yes No

UTM (NAD27): 436444 E 4064670 N Elev: _____ ft

Total depth: 500 ft Historic depth to water: 390 ft Source: OSE

Outer casing diam.: 6 5/8 in. Inner diam.: 6 in. Stick-up height: + 1.6 or - ft

Date drilled: 1990 How is well used: livestock, domestic, irrigation, other _____

Water Level Measurement

Sonic (normal): 1) 433.4 ft 2) _____ ft 3) _____ ft

Sonic (deep): 1) 433.4 ft 2) _____ ft 3) _____ ft

Steel Tape:

1) Hold: _____ ft Cut: _____ ft DTW: _____ ft Notes: _____

2) Hold: _____ ft Cut: _____ ft DTW: _____ ft Notes: _____

3) Hold: _____ ft Cut: _____ ft DTW: _____ ft Notes: _____

4) Hold: _____ ft Cut: _____ ft DTW: _____ ft Notes: _____

5) Hold: _____ ft Cut: _____ ft DTW: _____ ft Notes: _____

E-Cable: 1) 436.85 ft Notes: _____

2) _____ ft Notes: _____

Static Water Level: 435.20 feet below land surface

Photos (closeup) frame #: 100-1170, 173 (overview) frame #: 100-171, 172

Field Staff: P. Johnson, T. Kludt, P. Bauer, B. Felix

Comments:

TC-204-Ezequiel well

STATE ENGINEER OFFICE

RG-51763

WG-16

WELL RECORD

Section 1. GENERAL INFORMATION

(A) Owner of well Blm Owner's Well No. RG-51763
 Street or Post Office Address 435 MONTANO, NE
 City and State Albq., NM

Well was drilled under Permit No. RG-51763 and is located in the:

a. SE $\frac{1}{4}$ SE $\frac{1}{4}$ SE $\frac{1}{4}$ SE $\frac{1}{4}$ of Section 24 Township 29N 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 _____ Grant.

(B) Drilling Contractor COOK DRILLING Co. License No. 579
 Address P.O. Box 732, ANGEL FIRE, NM 87710 (505) 377-6623
 Drilling Began 5/14/90 Completed 5/24/90 Type tools Air Rotary Size of hole 8 3/4 in.
 Elevation of land surface or 7618 at well is 7618 ft. Total depth of well 500 ft.
 Completed well is shallow artesian. Depth to water upon completion of well 390 ft.

Section 2. PRINCIPAL WATER-BEARING STRATA

Depth in Feet		Thickness in Feet	Description of Water-Bearing Formation	Estimated Yield (gallons per minute)
From	To			
350	495	145	Basalt	30

Section 3. RECORD OF CASING

Diameter (inches)	Pounds per foot	Threads per in.	Depth in Feet		Length (feet)	Type of Shoe	Perforations	
			Top	Bottom			From	To
6 5/8	18.9	weld	0	502	502	NONE	440	490

Section 4. RECORD OF MUDDING 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: _____

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

State Engineer Representative

FOR USE OF STATE ENGINEER ONLY

Date Received 5-25-90

Quad _____ FWL _____ FSL _____

File No. RG-51763 Use Stk Location No. 29N. 11E. 24. 444

10

From	To	in Feet	Color and Type of material Encountered
0	10	10	Dirt
10	60	50	Basalt
60	75	15	cinders
75	140	65	Basalt
140	165	25	cinders
165	255	90	SANDY clay
255	280	25	Basalt
280	350	70	SANDY clay
350	495	145	Basalt
495	500	5	sandy clay

TC-204 Ezequiel well

} Water-bearing zone 30 gpm 440 - 490 = screen

Section 7. REMARKS AND ADDITIONAL INFORMATION

Set pump at 463' GRUNFOS 3HP 16S30-24
 Static water at 390' Ruled @ 30 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.

Robert Cook
 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.



TC-204 Ezequiel well

Well Inventory Form

Project: Northern Taos Plateau wells

Date: 5/13/08

Well ID: TC-205 Site Name: _____

OSE Well Record ID: RG- Other ID: TSWCD WG-18

Owner name: E. Rael (Questa) Owner phone: _____

Location of site: Private land NE of Cerro de la Olla, at crossroads, with large horizontal tank nearby.

Quad: Cerro de la Olla Sample Collected? Yes No

UTM (NAD27): 431570 E 4073100 N Elev: _____ ft

Total depth: 335 ft Historic depth to water: 310 ft Source: Winograd

Outer casing diam.: 4 in. Inner diam.: _____ in. Stick-up height: ± 0 or - ft

Date drilled: 1955 How is well used: livestock domestic, irrigation, other _____

Water Level Measurement

Sonic (normal): 1) _____ ft 2) _____ ft 3) _____ ft

Sonic (deep): 1) _____ ft 2) _____ ft 3) _____ ft

Steel Tape:

1) Hold: _____ ft Cut: _____ ft DTW: _____ ft Notes: _____

2) Hold: _____ ft Cut: _____ ft DTW: _____ ft Notes: _____

3) Hold: _____ ft Cut: _____ ft DTW: _____ ft Notes: _____

4) Hold: _____ ft Cut: _____ ft DTW: _____ ft Notes: _____

5) Hold: _____ ft Cut: _____ ft DTW: _____ ft Notes: _____

E-Cable: 1) 185.27 ft Notes: taken on 5/13/08

2) 185.71 ft Notes: re-measured with same tape on 6/2/08

Static Water Level: 185.27 feet below land surface

Photos (closeup) frame #: 100-1180 (overview) frame #: 100-1178/1179/1181/1182

Field Staff: P. Johnson, T. Kludt, P. Bauer, B. Felix

Comments: Well is inactive; new well (WG-17) is located 40m east. Well is open, and cut off at ground level, located in small basalt depression.

TC-205
Ruil Brothers

TC-205 Ruil Brothers well
WELL INFORMATION SHEET

WELL ID# 1V6-18

DATE: 10/11/2001

WELL LOCATION:

TOWNSHIP: 30N RANGE: 11E SECTION: 28 q 4 q 4 q 2

UTM: Easting 431568 ? (m) Northing 4073105 ? (m)

X: _____ (ft) Y: _____ (ft)

LATITUDE: _____ LONGITUDE: _____

LAND SURFACE ELEVATION: 7638 (ft) *from 1963 topo. quad showing well*

DEPTH TO WATER: 310 (ft)

WELL DEPTH: 335 (ft)

WATER LEVEL ELEVATION (ABOVE SEA LEVEL):
$$\begin{array}{r} 7638 \\ - 310 \\ \hline 7328 \end{array}$$
 (ft)

NM OFFICE OF STATE ENGINEER ID# OR OTHER DATA SOURCE: Garrabrant, 93, well # 133

No state Eng. record

DATA SOURCE FOR WATER LEVEL CALCULATION: Garrabrant, 93, Table 3

DATE FOR WATER LEVEL CALCULATION: 8/16/55

COMMENTS: Abandoned, 3" pipe cut off at ground level,

≈ 100' NW of W6 17, 100' SW of basalt pond, probably filled
from this well. Water level dropped 11' between 1955 and 1989

OWNER'S NAME: ? Private E. Rael well (small BLM map)

ADDRESS: (physical) _____

(mailing) _____

PHONE: _____

NAME OF DATA COLLECTOR: _____

TC-205

WG-18

TC-205 Ruil Brothers well

Soil	20	20
Malpais	290	310
ll + Rd sh.	20	330
Sand, black	15	345



TC-205 Ruil Brothers well

Well Inventory Form

Project: Northern Taos Plateau wells

Date: 5/13/08

Well ID: TC-206 Site Name: _____

OSE Well Record ID: RG-_____ Other ID: TSWCD WG-12

Owner name: _____ Owner phone: _____

Location of site: On private land on NE slope of Cerro Montoso.
Well located in old shed. Casing open.

Quad: Guadalupe Mtn Sample Collected? Yes No

UTM (NAD27): 433181 E 4061413 N Elev: _____ ft

Total depth: 640 ft Historic depth to water: _____ ft Source: TSWCD from owner

Outer casing diam.: 6 5/8 in. Inner diam.: 6 in. Stick-up height: + 1.75 or - _____ ft

Date drilled: 1970 How is well used: livestock domestic, irrigation, other _____

Water Level Measurement

Sonic (normal): 1) 312.8 ft 2) _____ ft 3) _____ ft

Sonic (deep): 1) 312.8 ft 2) _____ ft 3) _____ ft

Steel Tape:

1) Hold: 320 ft Cut: _____ ft DTW: dry ft Notes: tape was dry to ~320'

2) Hold: _____ ft Cut: _____ ft DTW: _____ ft Notes: _____

3) Hold: _____ ft Cut: _____ ft DTW: _____ ft Notes: _____

4) Hold: _____ ft Cut: _____ ft DTW: _____ ft Notes: _____

5) Hold: _____ ft Cut: _____ ft DTW: _____ ft Notes: _____

E-Cable: 1) 318 ft Notes: Obstruction or casing collapse. Tape was damp and dirty.
2) _____ ft Notes: _____

Static Water Level: _____ feet below land surface

Photos (closeup) frame #: _____ (overview) frame #: _____

Field Staff: _____

Comments:



TC-206 abandoned well

Well Inventory Form

Project: Northern Taos Plateau wells Date: 5/13/08

Well ID: TC-207 Site Name: Chiflo dam-test 9A

OSE Well Record ID: RG- Other ID: TSWCD WG-14

Owner name: Eliu Romero Owner phone: _____

Location of site: Between Chiflo and Olla, just west of road.
Old concrete pad and pipes.

Quad: Guadalupe Mtn Sample Collected? Yes No

UTM (NAD27): 434342 E 4066888 N Elev: _____ ft

Total depth: 554 ft Historic depth to water: 342 ft Source: Winograd

Outer casing diam.: 2 1/2 in. Inner diam.: 2 in. Stick-up height: ± or - ft

Date drilled: 1947 How is well used: livestock domestic, irrigation, other _____

Water Level Measurement

Sonic (normal): 1) _____ ft 2) _____ ft 3) _____ ft

Sonic (deep): 1) _____ ft 2) _____ ft 3) _____ ft

Steel Tape:

1) Hold: _____ ft Cut: _____ ft DTW: _____ ft Notes: _____

2) Hold: _____ ft Cut: _____ ft DTW: _____ ft Notes: _____

3) Hold: _____ ft Cut: _____ ft DTW: _____ ft Notes: _____

4) Hold: _____ ft Cut: _____ ft DTW: _____ ft Notes: _____

5) Hold: _____ ft Cut: _____ ft DTW: _____ ft Notes: _____

E-Cable: 1) 347.85 ft Notes: _____

2) _____ ft Notes: _____

Static Water Level: 347.85 feet below land surface

Photos (closeup) frame #: 100-1184/1185/1193 (overview) frame #: 100-1183/1186

Field Staff: P. Johnson, T. Kludt, P. Bauer, B. Felix

Comments: Dismantled well cap to allow access for E-cable.

Inactive. Previously held windmill and pumpjack, with cement pad.

TC-207 Chiflo test hole 9-A well

Table 7. Logs of wells and dam-site test holes in the Sunshine Valley area, Taos County, N. Mex., and Costilla County, Colo. (continued)

Material	Thickness (feet)	Depth (feet)	Material	Thickness (feet)	Depth (feet)
25.10.4.222 U.S. Forest Service (continued)			28.9.11.200 George Foster		
Sand, quartzose, moderate yellowish brown, 10 YR 5/4; medium-grained, well-sorted, subrounded to rounded sand		732	Topsoil	5	5
Sand, quartzose, dark yellowish orange, 10 YR 6/6, to moderate yellowish brown, 10 YR 5/4; subrounded to rounded, fine- to medium-grained, fairly well sorted, clean sand		735	Malpais	2	7
Sand, quartzose, grayish-orange 10 YR 7/4; fine- to medium-grained, well-sorted, subrounded to rounded clean sand		737	Clay and rock	8	15
Note: The depth to which the well is cased is reported by the driller to be about 770 feet. On May 1, 1956, the depth of the well was measured at 780 feet beneath the land surface. On May 23 the measured depth of the well was 732 feet. If the length of casing reported by the driller is accurate, then the quicksand rose into the hole at least 48 feet. The cuttings removed from the hole on May 23, 1956, were saturated. On May 24, the Forest Service employee sat on the well and reported that despite drilling the sand rose into the hole to a depth of 732 feet. The maximum penetration on that date was 737 feet. The cuttings taken between 800 feet and 826 feet were believed to be contaminated. See log of well 25.10.4.244.			Clay and rock	20	35
Log prepared from cable-tool cuttings by J. Huber and I. J. Winograd.			Malpais	45	80
25.10.4.244 U.S. Forest Service			Clay, red	20	100
Top soil	5	5	Sandstone	10	110
Malpais	318	323	Clay, gravel, and sand	35	145
Sand and sandstone	433	756	Sandstone	20	165
Sand, water bearing	11	767	Clay, gravel, and sand	25	190
Note: Drilled as replacement for well 25.10.4.222, which was abandoned owing to drilling difficulties. Drilled by rotary method to 109 feet where circulation was lost to fractures in the lava. Finished with cable tool rig. Cased with 754 feet of 5.5-inch casing, lower 18 feet of casing perforated. Bottom 6 feet of well gravel packed. Yielded 2-6 gpm when bailed.			Clay, red	10	200
26.10.6.200 Denver and Rio Grande Western Railroad			Conglomerate	85	285
Clay	20	20	Conglomerate	12	297
Lava rock, porous	195	215	Rock, hard (granite?)	62	359
Sandstone, hard	35	250	28.9.22.420 Village of Tres Piedras		
Sandstone, coarse, red	50	300	Dirt, black	3	3
Sand, fine, yellow and white; soft and very friable so that it had to be cased	350	650	Sand, yellow	1	4
Note: Dry hole. Drilled about 1882.			Granite, decomposed	27	31
			Granite - seep	8	39
			Granite, decomposed	1	40
			Granite	21.5	61.5
			Note: Well filled in to 59 feet (Aug. 1955).		
			29.11.14.410 Corps of Engineers, U.S. Army (Chiflo dam-site test hole 9-A)		
			WG-14 TC-207		
			Sand, silt, basalt fragments, and caliche	7	7
			Basalt, dark-gray, hard; vesicular 7-15; dense 15-37. Lost all drill water at 52 feet. At 61 feet grouted hole and regained drill water	59	66
			Basalt, gray, hard, vuggy. Lost drill water at 167 feet. Partial return at 170 feet	105	171
			Basalt, dark-gray, hard, vuggy. Lost water at 177 feet. This formation characterized by lathlike phenocrysts of plagioclase feldspar	34	205
			Basalt, dark-gray, dense, hard	5	210
			Basalt, reddish-brown to gray, hard, vuggy. Feldspar laths common in this formation. Lost drill water at 211 feet. This formation alternately vuggy and dense	77	287
			Basalt, dark-gray, hard to medium hard	22	309
			Basalt, dark-gray to gray, hard, dense, aphanitic; vesicular to 312 feet. Calcite in joints and a few of the vugs	49	358

TC-207 Chiflo test hole 9-A well

Table 7. Logs of wells and dam-site test holes in the Sunshine Valley area, Taos County, N. Mex., and Costilla County, Colo. (continued)

Material	Thickness (feet)	Depth (feet)	Material	Thickness (feet)	Depth (feet)
29.11.14.410 Corps of Engineers, U.S. Army (Chiflo dam-site test hole 9-A) (continued)			✓ <i>WG-13</i> 29.11.23.444 Corps of Engineers, U.S. Army (Chiflo dam-site test hole 7-A) (continued)		
Silt, sand, volcanic ash and basalt fragments, reddish-brown, soft	8	366	Basalt, brownish-gray, hard; scoriaceous 281.0 feet to 283.0 feet and 286.0 feet to 287.0 feet	22.0	297.5
Basalt, dark-gray, hard, vuggy. Hole "blowing" at this depth	10	376	Silt and sand, reddish-brown	8	298.3
Silt, grayish-brown, soft	1	377	Basalt, gray to dark-gray, hard; vuggy to 310.0 feet; dense below 310.0 feet	22.7	321.0
Basalt, dark-gray, hard	30	407	Silt, sand, and small fragments of rhyolite	20.0	341.0
Silt and sand, buff, soft	8	415	Rhyolite, light-gray, hard. Core badly fractured with some of the fractures slickensided	21.0	362.0
Basalt, dark-gray, hard, dense. Several thin sand, silt, and ash beds	39	454			
Sand and silt, reddish-brown to gray, soft	7	461	29.12.3.244 Norman Gwinn		
Basalt, dark-gray, hard	24	485	Topsoil	10	10
Sand, silt, ash, and some fragmental material, medium-hard to soft, brownish-gray to buff. Lower 25 feet contains fragments of andesite like that found at Cerro Chiflo	69	554	Gravel and coarse sand	50	60
			Gravel, coarse	10	70
			Sand, gravel, and clay	83	153
			Gravel	15	168
			Malpais		168
Note: Water rose at least 24 feet in hole after penetration of ground-water body.			29.12.3.422 Corps of Engineers, U.S. Army (Chiflo dam-site test hole R-4)		
✓ <i>WG-13</i> <i>TC-225</i> 29.11.23.444 Corps of Engineers, U.S. Army (Chiflo dam-site test hole 7-A)			Clay, sandy, brown 8 8 Gravel, coarse 3 11 Sand, clayey, brown 4 15 Gravel, medium 5 20 Clay, sand, brown; some gravel at 30 feet. Water table at 35.3 feet 29 49 Sand and gravel 14 63 Clay, sand, and gravel 7 70 Gravel, some clay 3 73 Gravel 9 82 Clay, red 1 83 Clay and gravel 7 90 Clay and sand, brown 3 93 Clay, sandy, and gravel 10 103 Clay, brown, and gravel 30 133 Clay, brown 10 143 Clay, sandy, broken 30 173 Clay, sandy, brown, and gravel 5 178 Basalt, gray, hard, vesicular to dense 42 220		
Soil and caliche	6	6			
Basalt, gray to dark-gray, hard; vesicular to 17.0 feet	84.5	90.5	29.12.16.133 Corps of Engineers, U.S. Army (Chiflo dam-site test hole 5-A)		
Silt, sand, gravel, and ash, yellow to 96.0 feet, brown below 96.0 feet. Small basalt boulder at 114.0 feet	30	120.5	Sand and boulders	16.5	16.5
Tuff, light-gray, soft; water-laid volcanic ash	8.5	129.0	Gravel, top of rock	1.5	18
Silt and sand, light-brown	46.5	175.5			
Basalt, dark-gray, hard, vuggy; silt 180.4 feet to 181.0 feet; vesicular 187.0 feet to 192.0 feet. Laths of plagioclase feldspar prominent in this rock	24.7	200.2			
Basalt, dark-gray, hard, dense; vuggy to 209.0 feet. Feldspar laths common, but not as prominent as in formation above. Vesicular below 221.7 feet	22.6	222.8			
Silt and sand, red to brown. Contains occasional small fragments of basalt	12.2	235.0			
Basalt, gray to dark-gray, hard; vesicular below 270.0 feet	40.5	275.5			



TC-207 Chiflo test hole 9-A

Well Inventory Form

Project: Northern Taos Plateau wells

Date: 5/13/08

Well ID: TC-208

Site Name: Moeller/Rael well

OSE Well Record ID: RG-

Other ID: TSWCD WG-15

Owner name: BLM

Owner phone: _____

Location of site: N of Cerro Chiflo. Inside fence enclosure.

Water is piped to outlet ~10 ft above ground, outside fence.

Quad: Sunshine

Sample Collected? Yes No

UTM (NAD27): 436580

E

4071402

N

Elev: _____ ft

Total depth: 340 ft

Historic depth to water: 302 ft

Source: _____

Outer casing diam.: 6 5/8 in.

Inner diam.: 6 in.

Stick-up height: + 2.0 or - ft

Date drilled: 1973

How is well used: livestock, domestic, irrigation, other _____

Water Level Measurement

Sonic (normal): 1) _____ ft 2) _____ ft 3) _____ ft

Sonic (deep): 1) _____ ft 2) _____ ft 3) _____ ft

Steel Tape:

1) Hold: _____ ft Cut: _____ ft DTW: _____ ft Notes: _____

2) Hold: _____ ft Cut: _____ ft DTW: _____ ft Notes: _____

3) Hold: _____ ft Cut: _____ ft DTW: _____ ft Notes: _____

4) Hold: _____ ft Cut: _____ ft DTW: _____ ft Notes: _____

5) Hold: _____ ft Cut: _____ ft DTW: _____ ft Notes: _____

E-Cable: 1) 293.20 ft Notes: _____

2) _____ ft Notes: _____

Static Water Level: 291.20 feet below land surface

Photos (closeup) frame #: 100-1196 (overview) frame #: 100-1194/1195

Field Staff: P. Johnson, T. Kludt, P. Bauer, B. Felix

Comments:

TC-208 Moeller/Rael well

W6-15

ENCL. #1

Form 7420-1
(September 1970)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

WELL RECORD

Township 30N	Range 12E
Section 31 SW	¼ SW ¼
District Taos County	State New Mexico
County Taos	

1. Job Number DSC-74-2	2. Job Name Moeller-Rael Well	3. Name of Site
4. Site selected by USGS		Date October 3, 1973
5. Driller (name) Turner's Drillers Supply	Address (include zip code) 2701 Second St. N.W. Albuquerque, New Mexico 87107	
6. Type of drilling rig used Rotary	7. Date well started 8/24/73	Completed 9/26/73
8. Topographic setting (in valley, on hill, etc.) On flats above Rio Grande Gorge		
9. Altitude of land surface (ft) 7610	Determined by USGS Map	
10. Total depth (ft below) <input checked="" type="checkbox"/> Land surface <input type="checkbox"/> Top of casing 340'	11. Static water level (ft below) 302' <input checked="" type="checkbox"/> Land surface <input type="checkbox"/> Top of casing	
12. Aquifer(s) and depths Broken Basalt 310' - 335'		
13. Shut-in pressure (flowing well, psi)	Determined by	
14. Yield (gpm) after (hrs) 2.5	25+ <input checked="" type="checkbox"/> Pumping	<input type="checkbox"/> Bailing <input type="checkbox"/> Flowing
15. Drawdown	feet 3	after (hrs) 2.5
	feet	discharging at (gpm) 25
16. Quality of water	color Clear	taste Good
		odor None
17. Casing	Distance top ft <input checked="" type="checkbox"/> above <input type="checkbox"/> below land surface (ft)	
	Type Steel 6 5/8" Diam. (in) 18	Weight (ft)
18. Perforations	Type Slotted-torch cut	Size
	Spacing 4-Rows staggered and 2' in length - each slot	Depth (ft) 305 300
19. Pump	Type	Capacity (gpm) Power
20. Information obtained from (name) J. Adkison & J. Pierce		Date 10/3/73
21. Remarks		



TC-208 Moeller/Rael well

Well Inventory Form

Project: Northern Taos Plateau wells

Date: 5/13/08

Well ID: TC-209

Site Name: Abeyta/Rael ("submarine")

OSE Well Record ID: RG- 38563

Other ID: TSWCD WG-216

Owner name: BLM / AI Abeyta

Owner phone: _____

Location of site: N of Cerro Chiflo. Well is southernmost of the two wells at site, next to partially buried "submarine" tank.

Quad: Sunshine

Sample Collected? Yes No

UTM (NAD27): 434139

E

4075511

N

Elev: _____ ft

Total depth: 400 ft Historic depth to water: 375 ft Source: OSE, BLM

Outer casing diam.: 6 5/8 in. Inner diam.: 6 in. Stick-up height: + 1.55 or - ft

Date drilled: 1982 How is well used: livestock domestic, irrigation, other _____

Water Level Measurement

Sonic (normal): 1) _____ ft 2) _____ ft 3) _____ ft

Sonic (deep): 1) _____ ft 2) _____ ft 3) _____ ft

Steel Tape:

1) Hold: _____ ft Cut: _____ ft DTW: _____ ft Notes: _____

2) Hold: _____ ft Cut: _____ ft DTW: _____ ft Notes: _____

3) Hold: _____ ft Cut: _____ ft DTW: _____ ft Notes: _____

4) Hold: _____ ft Cut: _____ ft DTW: _____ ft Notes: _____

5) Hold: _____ ft Cut: _____ ft DTW: _____ ft Notes: _____

E-Cable: 1) 348.68 ft Notes: _____

2) _____ ft Notes: _____

Static Water Level: 347.13 feet below land surface

Photos (closeup) frame #: 100-1328 (overview) frame #: 100-1197/1198

Field Staff: P. Johnson, T. Kludt, P. Bauer, B. Felix

Comments: Formerly known as "Maestas/Garcia" well.

#2222

TC-209 Abeyta/Rael well

TC-209

WG-21b

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

WELL LOG

Township T 30 N		Range R 10 E	
Section 23		NW ¼	
State New Mexico		County Taos	
Job Number 2222		Job Name Maestas-Garcia Well	

DEPTH (ft)		CUTTINGS SAMPLE NUMBER	DESCRIPTION OF MATERIALS DRILLED			WATER YIELD (gpm)	REMARKS (Quality of water, ease of drilling, loss of drilling fluids, caving, etc.)
FROM	TO		ROCK (type)	COLOR	OTHER CHARACTERISTICS (grain size, hardness, etc.)		
0'	10'	1	Top Soil	Brown			
10'	20'	2	Malipias	light grey	Hard		
20'	30'	3	ll ll	grayish	Hard		
30'	40'	4	ll ll	grey	Hard		
40'	50'	5	Malipias	Black	Hard		
50'	60'	6	Malipias	Black	Hard		
60'	70'	7	Malipias	Black	Hard		
70'	80'	8	Malipias	grey	Hard		
80'	85'	9	ash	Red	Soft	No water when left over night. Hit enough moisture to boot up hole.	
85'	95'	10	ash	Red	Soft	Had to start injecting soap + water with air to clean hole.	
95'	105'	11	Red ash	Red	Soft		
105'	115'	12	ash	Red	Soft		
115'	120'	13	clay	Yellow	Soft		
120'	130'	14	clay	Yellow	Soft		
130'	140'	15	clay	Yellow	Soft		
140'	150'	16	clay	Yellow	Soft		
150'	155'	17	malipias	grey	Hard		
155'	165'	18	malipias	grey	Hard		
165'	175'	19	Malpias	grey	Hard		
175'	185'	20	Malpias	grey	Hard		

(Instructions on reverse)

TC-209 Abeyta/Rael well (cont.)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

WELL LOG

Township T 30 N		Range R 10 E	
Section 23 NW 1/4			
State New Mexico		County Taos	
Job Number 2222		Job Name Maestas-Garcia well	

DEPTH (ft)		CUTTINGS SAMPLE NUMBER	DESCRIPTION OF MATERIALS DRILLED			WATER YIELD (gpm)	REMARKS (Quality of water, ease of drilling, loss of drilling fluids, caving, etc.)
FROM	TO		ROCK (type)	COLOR	OTHER CHARACTERISTICS (grain size, hardness, etc.)		
185'	195'	21	MalPias	Grey	Hard		
195'	205'	22	MalPias	Grey	Hard		
205'	215'	23	MalPias	Black	Hard		
215'	220'	24	clay	Red	Soft		
220'	230'	25	clay	Red	Soft		
230'	235'	26	MalPias	Red & Black	Hard		
235'	245'	27	MalPias	Red & Black	Hard		
245'	255'	28	MalPias	Red & Black	Hard		
255'	265'	29	MalPias	Red & Black	Hard		
265'	275'	30	MalPias	Red & Black	Hard		
275'	285'	31	MalPias	Black	Hard		
285'	295'	32	MalPias	Black	Hard		
295'	300'	} Pipe no Return on cuttings	Just fell in Hole				Hit Under Ground Caverns Lost fluid & air Returns.
	310'						
	320'						
	330'						
	340'						
	350'						checked for water and there was none.
	360'						
	370'						
	380'				10	checked for water and there was 25' of water	
	400'					355' STATIC	

(Instructions on reverse)



TC-209 Abeyta/Rael well

Well Inventory Form

Project: Northern Taos Plateau wells

Date: 5/13/08

Well ID: TC-210

Site Name: Abeyta/Moeller

OSE Well Record ID: RG-

Other ID: TSWCD WG-21a

Owner name: BLM

Owner phone:

Location of site: N of Cerro Chiflo. Well is northernmost of the two wells at this site.

Quad: Sunshine

Sample Collected? Yes No

UTM (NAD27): 434186 E 4075608 N Elev: _____ ft

Total depth: 370 ft Historic depth to water: 333 ft Source: Winograd

Outer casing diam.: 6 5/8 in. Inner diam.: 6 in. Stick-up height: + 0.45 or - _____ ft

Date drilled: 1955 How is well used: livestock, domestic, irrigation, other _____

Water Level Measurement

Sonic (normal): 1) 311.8 ft 2) _____ ft 3) _____ ft

Sonic (deep): 1) 311.8 ft 2) _____ ft 3) _____ ft

Steel Tape:

1) Hold: _____ ft Cut: _____ ft DTW: _____ ft Notes: _____

2) Hold: _____ ft Cut: _____ ft DTW: _____ ft Notes: _____

3) Hold: _____ ft Cut: _____ ft DTW: _____ ft Notes: _____

4) Hold: _____ ft Cut: _____ ft DTW: _____ ft Notes: _____

5) Hold: _____ ft Cut: _____ ft DTW: _____ ft Notes: _____

E-Cable: 1) > 340 ft Notes: Probe lost weight at ~340 ft.

2) _____ ft Notes: _____

Static Water Level: > 340 feet below land surface

Photos (closeup) frame #: _____ (overview) frame #: _____

Field Staff: _____

Comments: Formerly equipped with pumpjack? Hole is open.

WELL INFORMATION SHEET

WG-21a
WELL ID# W621 (2 wells)

DATE: _____

WELL LOCATION:

TOWNSHIP: 30N RANGE: 11E SECTION: 23 q | q 4 q
34035 75015 (stations) 2?

UTM: Easting _____ (m) Northing _____ (m)

X: _____ (ft) Y: _____ (ft)

LATITUDE: _____ LONGITUDE: _____

LAND SURFACE ELEVATION: 7667 (ft) ¹⁹ Garrabrant '93

DEPTH TO WATER: 333 (55) (ft) 375 (198)

WELL DEPTH: 350 (55) (ft) 402 (198)

WATER LEVEL ELEVATION (ABOVE SEA LEVEL): 7334 (55) (ft)

*is new well
some dec.*
$$\begin{array}{r} 7667 \\ - 375 \\ \hline 7292 (82) \end{array}$$

NM OFFICE OF STATE ENGINEER ID# OR OTHER DATA SOURCE: Garrabrant '93, well # 132

R6 38563 sp23-142 in redrill

DATA SOURCE FOR WATER LEVEL CALCULATION: Garrabrant '93, Table 3

DATE FOR WATER LEVEL CALCULATION: 1/11/55, 11/9/82

COMMENTS: Redrilled 1982 (Should be separate well)

BLM allot 576, File # 2222

old well NO. 473 on old BLM map

OWNER'S NAME: BLM - Maestas-Garcia-Rael well

ADDRESS: (physical) BLM file # 2222, allotment = 576

(mailing) _____

PHONE: _____

NAME OF DATA COLLECTOR: Benson

1955

From Tony Benson

WG-21a TC-210

TC-210 Abeyta/Moeller abandoned well

- 0-6 Top soil
- 6-80 malpais
- 80-148 yellow clay
- 148-212 Loose malpais - (lost circ.)
- 212-18 malpais ash
- 218-226 malpais
- 226-253 malpais ash
- 253-298 malpais
- 298-340 Ash + broken malpais
- 340-70 malpais

TP 370'

water in crevices 345-350'
reportedly rose in hole

bailed @ 30 gpm

Redtop Drly. - Las Vegas

Redrilling 1982

Scotts El a 7660

In use in 1982, 1981 - riser pipe dropped into csg^{in 1970s}, left 2-3 lengths in hole
Not in use 1991

redrilled in 1992 - to 400'
state WL 375' -

~~10 gpm~~ ; 10 gpm/min
Pcrt. 355' - 400'

Myron Reed, Las Vegas, Utah completed 11/9/82 6" csg to 402'



TC-210 Abeyta/Moeller abandoned well

Well Inventory Form

Project: Northern Taos Plateau wells

Date: 5/14/08

Well ID: TC-211

Site Name: Chiflo dam-test R-11

OSE Well Record ID: RG-

Other ID: ISWCD WG-28

Owner name: _____

Owner phone: _____

Location of site: Appears to be located on state land, west of Ute Mtn and river. Abandoned.

Quad: La Segita Peaks NE

Sample Collected? Yes No

UTM (NAD27): 430460 E 4085818 N Elev: _____ ft

Total depth: 323 ft Historic depth to water: 276 ft Source: Winograd

Outer casing diam.: _____ in. Inner diam.: 4 in. Stick-up height: ± 0 or - ft

Date drilled: 1947 How is well used: livestock, domestic, irrigation, other _____

Water Level Measurement

Sonic (normal): 1) 71 ft 2) _____ ft 3) _____ ft

Sonic (deep): 1) 210.3 ft 2) _____ ft 3) _____ ft

Steel Tape:

1) Hold: _____ ft Cut: _____ ft DTW: _____ ft Notes: _____

2) Hold: _____ ft Cut: _____ ft DTW: _____ ft Notes: _____

3) Hold: _____ ft Cut: _____ ft DTW: _____ ft Notes: _____

4) Hold: _____ ft Cut: _____ ft DTW: _____ ft Notes: _____

5) Hold: _____ ft Cut: _____ ft DTW: _____ ft Notes: _____

E-Cable: 1) 110 ft Notes: Probe hit bottom. Dry.

2) _____ ft Notes: _____

Static Water Level: _____ feet below land surface

Photos (closeup) frame #: 100-1357/1356 (overview) frame #: 100-1355

Field Staff: P. Johnson, T. Klutt, P. Bauer, B. Felix

Comments: Well inactive. Well casing is at grade, so well may have silted in. Pieces of basalt core are scattered around site. Several samples of basaltic rock. Core photo 100-1358.

TC-211 Chiflo test hole R-11 well

Table 7. Logs of wells and dam-site test holes in the Sunshine Valley area, Taos County, N. Mex., and Costilla County, Colo. (continued)

Material	Thickness (feet)	Depth (feet)	Material	Thickness (feet)	Depth (feet)
30.12.24.422 William Cater (well 1) (continued)			31.11.34.400 Bureau of Reclamation (Ute Mountain dam-site test hole 2)		
Clay	3	288	Overburden. Fragments of black basalt and silt	7.5	7.5
Sand; water	7	295	Basalt, gray-black, rather vesicular	7.5	15
Boulders	6	301	Basalt, grayish-black, dense	23.5	38.5
Clay and boulders	42	343	Basalt, dark, vesicular	1.5	40
Sand and gravel; water	7	350	Interflow member; predominantly silt	38	78
Clay	19	369	Basalt, dark, vesicular	5	83
Boulders	5	374	Basalt, dark, dense	4	87
Sand and clay	13	387	Basalt, dark, vesicular	7	94
Clay	8	395	Basalt, grayish-black, dense	8	102
Sand; water	5	400	Basalt, reddish-gray, vesicular	19	121
Clay, sandy	8	408	Basalt, gray-black, dense	25	146
Sand; water	5	413	Sandstone, red, gritty; interflow member	2	148
Boulder	4	417	Basalt, dark, vesicular	3	151
30.12.33.220 Corps of Engineers, U.S. Army (Chiflo dam-site test hole R-3)			Basalt, grayish-black, dense	39	190
Adobe	5	5	Basalt, black, vesicular	10	200
Sand; trace of clay	35	40	Basalt, grayish-black, dense	22	222
Clay, sandy	15	55	Basalt, dark, vesicular	9	231
Sand	7	62	Basalt, grayish-black, dense	15	246
Clay	8	70	Basalt, dark, vesicular	6	252
Clay, sandy	22	92	Basalt, grayish-black, dense	3	255
Clay	10	102	Basalt, red, vesicular	16	271
Basalt	10	112	Basalt, reddish-gray, dense	5	276
30.12.35.221 B. E. Teets			Basalt, red, vesicular	2	278
Clay	30	30	Sandstone, yellow, gritty; interflow member	1	279
Sand. Water table at 32 feet	5	35	Basalt, dark, vesicular	5	284
Clay	40	75	Basalt, gray, dense	19	303
Clay, sandy	35	110	Note: Test hole two miles southwest of dam site. Casing reportedly pulled from hole. ?		
Sand, coarse	25	135	31.12.31.140 Bureau of Reclamation (Ute Mountain dam-site test hole 1)		
Gravel; water	10	145	Boulders; talus, angular blocks of basalt	6	6
Clay, sandy	30	175	Gravel	1	7
Gravel; water	25	200	Basalt, dark, vesicular	37	44
Shale, sandy	20	220	Basalt, gray, dense	15	59
Sand, clay, and gravel, mixed	20	240	Basalt, red, vesicular	22	81
No record	106	346	Basalt, dark, dense	14	95
Malpais	-	346	Basalt, dark, vesicular	42	137
31.9.10.320 Bagwell, Huffaker, and Crowther			Lava, gray, dense	33	170
Malpais boulders, topsoil	9	9	Basalt, dark, vesicular	1	171
Malpais	426	435	Sand, red, compact; interflow member	2	173
Ashes, cinders	140	575	Basalt, dark, vuggy	8	181
Sand	40	615	Basalt, gray, dense	40	221
Sandstone	15	630	Basalt, dark, vesicular	1	222
Cinders; making water	5	635	Sand, red, compact; interflow member	2	224
Sandstone	5	640	Basalt, dark, dense	7	231
Sand; water	15	655	31.11.16.333 Otto Espinoza Chiflo dam-site test R11		
31.11.16.333 Otto Espinoza Chiflo dam-site test R11			Clay, sandy, and boulders	42	42
Clay, sandy, and boulders	42	42	Sand, black; top of rock	18	60
Sand, black; top of rock	18	60	Basalt, dark-gray, hard to medium.		
Basalt, dark-gray, hard to medium.			Water table at 276 feet	263	323
Water table at 276 feet	263	323			



TC-211 Chiflo test hole R-11

Well Inventory Form

Project: Northern Taos Plateau wells

Date: 5/14/08

Well ID: TC-212

Site Name: Middlemist well

OSE Well Record ID: RG-45204

Other ID: TSWCD WG-20

Owner name: BLM / Al Abeyta

Owner phone:

Location of site: N of Cerro de la Olla, on knoll with large white water tank.

Quad: Cerro de la Olla

Sample Collected? Yes No

UTM (NAD27): 428455 E 4078011 N Elev: _____ ft

Total depth: 422 ft Historic depth to water: 387 ft Source: OSE

Outer casing diam.: 6 5/8 in. Inner diam.: 6 in. Stick-up height: + 1.98 or - _____ ft

Date drilled: 1986 How is well used: livestock domestic, irrigation, other _____

Water Level Measurement

Sonic (normal): 1) 390.9 ft 2) _____ ft 3) _____ ft

Sonic (deep): 1) 390.7 ft 2) _____ ft 3) _____ ft

Steel Tape:

1) Hold: 400 ft Cut: 9.49 ft DTW: 390.51 ft Notes: Good reading

2) Hold: 402 ft Cut: 11.49 ft DTW: 390.51 ft Notes: "

3) Hold: _____ ft Cut: _____ ft DTW: _____ ft Notes: _____

4) Hold: _____ ft Cut: _____ ft DTW: _____ ft Notes: _____

5) Hold: _____ ft Cut: _____ ft DTW: _____ ft Notes: _____

E-Cable: 1) >390 ft Notes: Cable hangs up at ~ 390 ft.

2) _____ ft Notes: _____

Static Water Level: 388.53 feet below land surface

Photos (closeup) frame #: 100-1362/1363 (overview) frame #: 100-1359/1361

Field Staff: P. Johnson, T. Kludt, P. Bauer, B. Felix

Comments:

TC-212 Middlemist (Punche) well

Revised June 1972

STATE ENGINEER OFFICE

WELL RECORD

WG-20

Section 1. GENERAL INFORMATION

(A) Owner of well Bureau of Land Management Owner's Well No. Punche Well
 Street or Post Office Address P. O. Box 1449
 City and State Santa Fe, New Mexico 87504-1449

Well was drilled under Permit No. RG-45204 and is located in the:

a. SE $\frac{1}{4}$ SE $\frac{1}{4}$ $\frac{1}{4}$ of Section 7 Township 30N Range 11E N.M.P.M.
Sandoz, County

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 Pioneer Drilling License No. WD-986

Address P.O. Box 162 Abiquiu, New Mexico 87510

Drilling Began 8-9-66 Completed 9-12-66 Type tools Cable Size of hole 0-171 12"
171-422 8"

Elevation of land surface or _____ at well is _____ ft. Total depth of well 422 ft.

Completed well is shallow artesian. Depth to water upon completion of well 367 ft.

Section 2. PRINCIPAL WATER-BEARING STRATA

Depth in Feet		Thickness in Feet	Description of Water-Bearing Formation	Estimated Yield (gallons per minute)
From	To			
400	410	10	Broken Basalt	20+

Section 3. RECORD OF CASING

Diameter (inches)	Pounds per foot	Threads per in.	Depth in Feet		Length (feet)	Type of Shoe	Perforations	
			Top	Bottom			From	To
6 5/8	280w	8	42'	422	424	NONE	369	419

Section 4. RECORD OF MUDDING AND CEMENTING

Depth in Feet		Hole Diameter	Sacks of Mud	Cubic Feet of Cement	Method of Placement
From	To				
0	10	12"		5.5	Pumped
					Cement & Sand

Section 5. PLUGGING RECORD

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

State Engineer Representative

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

FOR USE OF STATE ENGINEER ONLY

Date Received _____

Quad _____ FWL _____ FSL _____

File No. RG-45204 Use Location No. 30-117-44



TC-212 Middlemist well

Well Inventory Form

Project: Northern Taos Plateau wells

Date: 5/14/08

Well ID: TC-213

Site Name: Maestas well

OSE Well Record ID: RG-

Other ID: TSWCD WG-34

Owner name: Al & Andrew Abeyta

Owner phone: _____

Location of site: Riverside, SW of Ute Mtn. Horizontal tank.

Quad: Ute Mtn

Sample Collected? Yes No

UTM (NAD27): 433846 E 4081769 N Elev: _____ ft

Total depth: ~~346~~²⁸⁰ ft Historic depth to water: _____ ft Source: Owner

Outer casing diam.: 6 5/8 in. Inner diam.: 6 in. Stick-up height: + 0 or - _____ ft

Date drilled: ? How is well used: livestock, domestic, irrigation, other _____

Water Level Measurement

Sonic (normal): 1) 246.4 ft 2) _____ ft 3) _____ ft

Sonic (deep): 1) 246.0 ft 2) _____ ft 3) _____ ft

Steel Tape:

1) Hold: _____ ft Cut: _____ ft DTW: _____ ft Notes: _____

2) Hold: _____ ft Cut: _____ ft DTW: _____ ft Notes: _____

3) Hold: _____ ft Cut: _____ ft DTW: _____ ft Notes: _____

4) Hold: _____ ft Cut: _____ ft DTW: _____ ft Notes: _____

5) Hold: _____ ft Cut: _____ ft DTW: _____ ft Notes: _____

E-Cable: 1) 246.02 ft Notes: _____

2) _____ ft Notes: _____

Static Water Level: 246.02 feet below land surface

Photos (closeup) frame #: 100-1369 (overview) frame #: 100-1368/1370

Field Staff: T. Kludt, B. Felix

Comments: Photo panorama of earthen dam; 100-1366/1367.

TC-213 Maestas (Ute Mtn test hole 2) well

Table 7. Logs of wells and dam-site test holes in the Sunshine Valley area, Taos County, N. Mex., and Costilla County, Colo. (continued)

Material	Thickness (feet)	Depth (feet)	Material	Thickness (feet)	Depth (feet)
30.12.24.422 William Cater (well 1) (continued)			31.11.34.400 Bureau of Reclamation (Ute Mountain dam-site test hole 2)		
Clay	3	288	Overburden. Fragments of black basalt and silt	7.5	7.5
Sand; water	7	295	Basalt, gray-black, rather vesicular	7.5	15
Boulders	6	301	Basalt, grayish-black, dense	23.5	38.5
Clay and boulders	42	343	Basalt, dark, vesicular	1.5	40
Sand and gravel; water	7	350	Interflow member; predominantly silt	38	78
Clay	19	369	Basalt, dark, vesicular	5	83
Boulders	5	374	Basalt, dark, dense	4	87
Sand and clay	13	387	Basalt, dark, vesicular	7	94
Clay	8	395	Basalt, grayish-black, dense	8	102
Sand; water	5	400	Basalt, reddish-gray, vesicular	19	121
Clay, sandy	8	408	Basalt, gray-black, dense	25	146
Sand; water	5	413	Sandstone, red, gritty; interflow member	2	148
Boulder	4	417	Basalt, dark, vesicular	3	151
30.12.33.220 Corps of Engineers, U.S. Army (Chiflo dam-site test hole R-3)			Basalt, grayish-black, dense	39	190
Adobe	5	5	Basalt, black, vesicular	10	200
Sand; trace of clay	35	40	Basalt, grayish-black, dense	22	222
Clay, sandy	15	55	Basalt, dark, vesicular	9	231
Sand	7	62	Basalt, grayish-black, dense	15	246
Clay	8	70	Basalt, dark, vesicular	6	252
Clay, sandy	22	92	Basalt, grayish-black, dense	3	255
Clay	10	102	Basalt, red, vesicular	16	271
Basalt	10	112	Basalt, reddish-gray, dense	5	276
30.12.35.221 B. E. Teets			Basalt, red, vesicular	2	278
Clay	30	30	Sandstone, yellow, gritty; interflow member	1	279
Sand. Water table at 32 feet	5	35	Basalt, dark, vesicular	5	284
Clay	40	75	Basalt, gray, dense	19	303
Clay, sandy	35	110	Note: Test hole two miles southwest of dam site. Casing reportedly pulled from hole. ?		
Sand, coarse	25	135	31.12.31.140 Bureau of Reclamation (Ute Mountain dam-site test hole 1)		
Gravel; water	10	145	Boulders; talus, angular blocks of basalt	6	6
Clay, sandy	30	175	Gravel	1	7
Gravel; water	25	200	Basalt, dark, vesicular	37	44
Shale, sandy	20	220	Basalt, gray, dense	15	59
Sand, clay, and gravel, mixed	20	240	Basalt, red, vesicular	22	81
No record	106	346	Basalt, dark, dense	14	95
Malpais	-	346	Basalt, dark, vesicular	42	137
31.9.10.320 Bagwell, Huffaker, and Crowther			Lava, gray, dense	33	170
Malpais boulders, topsoil	9	9	Basalt, dark, vesicular	1	171
Malpais	426	435	Sand, red, compact; interflow member	2	173
Ashes, cinders	140	575	Basalt, dark, vuggy	8	181
Sand	40	615	Basalt, gray, dense	40	221
Sandstone	15	630	Basalt, dark, vesicular	1	222
Cinders; making water	5	635	Sand, red, compact; interflow member	2	224
Sandstone	5	640	Basalt, dark, dense	7	231
Sand; water	15	655	31.11.16.333 Otto Espinoza (Chiflo dam-site test R11)		
31.11.16.333 Otto Espinoza (Chiflo dam-site test R11)			Clay, sandy, and boulders	42	42
Clay, sandy, and boulders	42	42	Sand, black; top of rock	18	60
Sand, black; top of rock	18	60	Basalt, dark-gray, hard to medium.		
Basalt, dark-gray, hard to medium.			Water table at 276 feet	263	323
Water table at 276 feet	263	323			



TC-213 Maestas (Ute Mtn test 2) well

Well Inventory Form

Project: Northern Taos Plateau wells

Date: 5/14/08

Well ID: TC-214 Site Name: _____

OSE Well Record ID: RG- Other ID: TSWCD WG-27

Owner name: Blain Bagwell Owner phone: _____

Location of site: Riverside, west of Ute Mtn.

Quad: Ute Mtn Sample Collected? Yes No

UTM (NAD27): 433605 E 4086266 N Elev: _____ ft

Total depth: _____ ft Historic depth to water: _____ ft Source: _____

Outer casing diam.: 6 5/8 in. Inner diam.: 6 in. Stick-up height: +1.92 or - _____ ft

Date drilled: 1989 How is well used: (livestock) domestic, irrigation, other _____

Water Level Measurement

Sonic (normal): 1) _____ ft 2) _____ ft 3) _____ ft

Sonic (deep): 1) _____ ft 2) _____ ft 3) _____ ft

Steel Tape:

1) Hold: _____ ft Cut: _____ ft DTW: _____ ft Notes: _____

2) Hold: _____ ft Cut: _____ ft DTW: _____ ft Notes: _____

3) Hold: _____ ft Cut: _____ ft DTW: _____ ft Notes: _____

4) Hold: _____ ft Cut: _____ ft DTW: _____ ft Notes: _____

5) Hold: _____ ft Cut: _____ ft DTW: _____ ft Notes: _____

E-Cable: 1) _____ ft Notes: _____

2) _____ ft Notes: _____

Static Water Level: _____ feet below land surface

Photos (closeup) frame #: 100-1372 (overview) frame #: 100-1371

Field Staff: T. Kludt, B. Felix

Comments: Top plate is welded, with no access for tape.

Owner says he will not be using well in 2008.

Tractor powers pump.



TC-214 B. Bagwell well

Well Inventory Form

Project: Northern Taos Plateau wells Date: 5/14/08

Well ID: TC-215 Site Name: McGregor well

OSE Well Record ID: RG-68500 Other ID: TSWCD WG-22

Owner name: Al & Andrew Abeyta / BLM Owner phone: _____

Location of site: Solar well north of Cerrito Negro, S of road.

Quad: Cerro de la Olla Sample Collected? Yes No

UTM (NAD27): 424711 E 4076220 N Elev: _____ ft

Total depth: 400 ft Historic depth to water: 380 ft Source: OSE, BLM, owner

Outer casing diam.: 6 5/8 in. Inner diam.: 6 in. Stick-up height: + 1.78 or - ft

Date drilled: _____ How is well used: livestock, domestic, irrigation, other _____

Water Level Measurement

Sonic (normal): 1) 356.6 ft 2) _____ ft 3) _____ ft

Sonic (deep): 1) 356.5 ft 2) _____ ft 3) _____ ft

Steel Tape:

1) Hold: _____ ft Cut: _____ ft DTW: _____ ft Notes: _____

2) Hold: _____ ft Cut: _____ ft DTW: _____ ft Notes: _____

3) Hold: _____ ft Cut: _____ ft DTW: _____ ft Notes: _____

4) Hold: _____ ft Cut: _____ ft DTW: _____ ft Notes: _____

5) Hold: _____ ft Cut: _____ ft DTW: _____ ft Notes: _____

E-Cable: 1) 358.92 ft Notes: _____

2) _____ ft Notes: _____

Static Water Level: 357.14 feet below land surface

Photos (closeup) frame #: 100-1373 (overview) frame #: 100-1374/1375

Field Staff: T. Kludt, B. Felix

Comments: Well at this location was originally drilled in 1926, and had a windmill. The land and water rights were purchased from Al Abeyta by the BLM in 1994.



TC-215 McGregor solar well

Well Inventory Form

Project: Northern Taos Plateau wells

Date: 5/14/08

Well ID: TC - 216

Site Name: Moeller well

OSE Well Record ID: RG- 85494

Other ID: TSWCD

Owner name: BLM

Owner phone: _____

Location of site: N of Cerrito Negro.

Quad: Cerro de la Olla

Sample Collected? Yes No

UTM (NAD27): 423816

E

4072852

N

Elev: _____

ft

Total depth: 540

ft

Historic depth to water: 440

ft

Source: _____

Outer casing diam.: 6 5/8

in.

Inner diam.: 6

in.

Stick-up height: + 2.17 or - ft

Date drilled: 2005

How is well used: livestock domestic, irrigation, other wildlife

Water Level Measurement

Sonic (normal): 1) 400.2 ft 2) _____ ft 3) _____ ft

Sonic (deep): 1) 400.4 ft 2) _____ ft 3) _____ ft

Steel Tape:

1) Hold: 406 ft Cut: 2.71 ft DTW: 403.29 ft Notes: _____

2) Hold: 410 ft Cut: 3.69 ft DTW: 406.31 ft Notes: _____

3) Hold: 415 ft Cut: 3.75 ft DTW: 411.25 ft Notes: _____

4) Hold: 403 ft Cut: dry ft DTW: - ft Notes: _____

5) Hold: 406 ft Cut: 2.75 ft DTW: 403.25 ft Notes: _____

E-Cable: 1) _____ ft Notes: Probe went to 370 ft and got tangled, quit using.

2) _____ ft Notes: _____

Static Water Level: 401.1 feet below land surface

Photos (closeup) frame #: 100-1378

(overview) frame #: 100-1376/1377

Field Staff: T. Kludt, B. Felix

Comments: This is a new well and tank built by BLM (Herb Sanchez).

TC-216 Moeller (new) well

STATE ENGINEER OFFICE
WELL RECORD

Section 1. GENERAL INFORMATION

(A) Owner of well Bureau of Land Management Owner's Well No. _____
 Street or Post Office Address 226 Canyon Ave
 City and State Taos, N.M. 87571

Well was drilled under Permit No. RB-85494 and is located in the:
 a. SW $\frac{1}{4}$ SW $\frac{1}{4}$ SW $\frac{1}{4}$ of Section 26 Township 30N 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 _____ Grant.

(B) Drilling Contractor Beday Well Drilling License No. WD-1499
 Address PO Box 3295, Cortez, CO 81322
 Drilling Began 09/15/05 Completed 09/30/05 Type tools Air Rotary Size of hole 7 7/8 in.
 Elevation of land surface or _____ at well is _____ ft. Total depth of well 540 ft.
 Completed well is shallow artesian. Depth to water upon completion of well 440 ft.

Section 2. PRINCIPAL WATER-BEARING STRATA

Depth in Feet		Thickness in Feet	Description of Water-Bearing Formation	Estimated Yield (gallons per minute)
From	To			
0	2	2	soil	dry
2	45	43	rocks - dirt	dry
45	100	55	malapi	dry
100	250	150	ash	dry
250	540	190	VOID	Wet 60-80 gpm

Section 3. RECORD OF CASING

Diameter (inches)	Pounds per foot	Threads per in.	Depth in Feet		Length (feet)	Type of Shoe	Perforations	
			Top	Bottom			From	To
6 7/8	0.250 wall		+2	540	542		520	540

Section 4. RECORD OF MUDDING AND CEMENTING

Depth in Feet		Hole Diameter	Sacks of Mud	Cubic Feet of Cement	Method of Placement
From	To				
0	40	7 7/8		9.60	POURED

Section 5. PLUGGING RECORD

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

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

TRM# 334797 FOR USE OF STATE ENGINEER ONLY
 Date Received _____ Quad _____ FWL _____ FSL _____
 File No. _____ Use _____ Location No. _____

STATE ENGINEER
 TAOS, N.M. 87571
 2006 FEB - 6 AM 10:14



TC-216 Moeller (new) well

Well Inventory Form

Project: Northern Taos Plateau wells Date: 5/14/08

Well ID: TC-217 Site Name: Aline/Duran/Moeller

OSE Well Record ID: RG- Other ID: TSWCD WG-23

Owner name: Lee & Charles Bagwell Owner phone: _____

Location of site: NE of Wissmath Craters, S of road.

Quad: La Segita Peaks Sample Collected? Yes No

UTM (NAD27): 420367 E 4077720 N Elev: _____ ft

Total depth: 616 ft Historic depth to water: 584 ft Source: BLM, Winograd

Outer casing diam.: _____ in. Inner diam.: 4 in. Stick-up height: + 0.9 or - ft

Date drilled: 1953 How is well used: livestock, domestic, irrigation, other _____

Water Level Measurement

Sonic (normal): 1) _____ ft 2) _____ ft 3) _____ ft

Sonic (deep): 1) 560.5 ft 2) 558.5 ft 3) 556 ft

Steel Tape:

1) Hold: _____ ft Cut: _____ ft DTW: _____ ft Notes: _____

2) Hold: _____ ft Cut: _____ ft DTW: _____ ft Notes: _____

3) Hold: _____ ft Cut: _____ ft DTW: _____ ft Notes: _____

4) Hold: _____ ft Cut: _____ ft DTW: _____ ft Notes: _____

5) Hold: _____ ft Cut: _____ ft DTW: _____ ft Notes: _____

E-Cable: 1) > 600 ft Notes: cable weight lost at about 600 ft. Quit at 625.

2) _____ ft Notes: _____

Static Water Level: Dry to ~ 600 feet below land surface

Photos (closeup) frame #: 100-1383 (overview) frame #: 100-1381/1382

Field Staff: T. Kludt, B. Felix

Comments: Abandoned well.

TC-217
WG-23

Proj 355

VAIL R. & A. D. TURNER DRILLING CO.

W. DRILLING, PUMP AND WINDMILL INSTALLATION
2701 N. SECOND STREET — PHONE 2-8706

ALBUQUERQUE
NEW MEXICO

1181 TC-217 Aire (abandoned) well

DRILLER <u>Henry Caraway</u>	LOCATION <u>6 mi. East of</u>	DATE <u>12 January 1958</u>
TOOL DRESSER <u>Claude Caraway</u>	<u>Antonia Peak</u>	

DATE	FROM	TO	FORMATION	REMARKS
28 Oct. 1952	0	21	Malni	Hard
	21	28	Cinders	
	28	62	Malni	Hard
	62	70	Cinders	
	70	140	Malni	Broken
	140	150	Volcanic ash	Caving
	150	175	Malni	Hard
	175	205	Volcanic ash	Caving
	205	270	Malni	Hard
	270	305	Cinders	
	305	350	Volcanic ash	Caving
	350	430	Malni	Hard
	430	450	Sand Stone	
	450	470	Malni	Hard
	470	480	Cinders	Caving
	480	482	Malni	Hard
	482	500	Cinders	Caving
	500	520	Ashes	
	520	545	Malni	
	545	575	Cinders & ashes	
	575	600	Black sand	
	600	616	Concretate	
Hole cased to bottom 5" ID pipe, Water level 500'				



TC-217 Alire (abandoned) well

Well Inventory Form

Project: Northern Taos Plateau wells

Date: 6/3/08

Well ID: TC-218

Site Name: Alire well

OSE Well Record ID: RG-

Other ID: TSWCD

Owner name: Lee Bagwell (brother Charles)

Owner phone: _____

Location of site: NE of Wessmuth Craters, S of road.

Nearby is old Alire/Duran/Moeller well.

Quad: La Segita Peaks

Sample Collected? Yes No

UTM (NAD27): 420359 E 4077729 N Elev: _____ ft

Total depth: ~630 ft Historic depth to water: ~600 ft Source: Owner

Outer casing diam.: 6 5/8 in. Inner diam.: 6 in. Stick-up height: +1.25 or - ft

Date drilled: ~2001 How is well used: livestock domestic, irrigation, other _____

Water Level Measurement

Sonic (normal): 1) 108 ft 2) _____ ft 3) _____ ft

Sonic (deep): 1) 226.9 ft 2) 596.7 ft 3) _____ ft

Steel Tape:

1) Hold: _____ ft Cut: _____ ft DTW: _____ ft Notes: _____

2) Hold: _____ ft Cut: _____ ft DTW: _____ ft Notes: _____

3) Hold: _____ ft Cut: _____ ft DTW: _____ ft Notes: _____

4) Hold: _____ ft Cut: _____ ft DTW: _____ ft Notes: _____

5) Hold: _____ ft Cut: _____ ft DTW: _____ ft Notes: _____

E-Cable: 1) _____ ft Notes: _____

2) _____ ft Notes: _____

Static Water Level: _____ feet below land surface

Photos (closeup) frame #: _____ (overview) frame #: _____

Field Staff: T. Kludt & B. Felix (5/14/08); P. Johnson & P. Bauer (6/3/08).

Comments: Owner stated that driller (Joe Thomas of Taos) would not provide him with the well record, despite multiple requests.



TC-218 Alire (Bagwell S) well

Well Inventory Form

Project: Northern Taos Plateau wells

Date: 5/15/08

Well ID: TC - 219 Site Name: Sowards

OSE Well Record ID: RG- 43600 Other ID: TSWCD WG-30

Owner name: BLM / Mr. Sowards Owner phone: _____

Location of site: NE study area. Large vertical tank.

Quad: La Segita Peaks Sample Collected? Yes No

UTM (NAD27): 430725 E 4092204 N Elev: _____ ft

Total depth: 355 ft Historic depth to water: $\frac{340}{345}$ ft Source: BLM

Outer casing diam.: 6 $\frac{5}{8}$ in. Inner diam.: 6 in. Stick-up height: +2.62 or - ft

Date drilled: 1954, 2001 How is well used: livestock, domestic, irrigation, other _____

Water Level Measurement

Sonic (normal): 1) erratic ft 2) _____ ft 3) _____ ft

Sonic (deep): 1) erratic ft 2) _____ ft 3) _____ ft

Steel Tape:

1) Hold: _____ ft Cut: _____ ft DTW: _____ ft Notes: _____

2) Hold: _____ ft Cut: _____ ft DTW: _____ ft Notes: _____

3) Hold: _____ ft Cut: _____ ft DTW: _____ ft Notes: _____

4) Hold: _____ ft Cut: _____ ft DTW: _____ ft Notes: _____

5) Hold: _____ ft Cut: _____ ft DTW: _____ ft Notes: _____

E-Cable: 1) 348.88 ft Notes: _____

2) _____ ft Notes: _____

Static Water Level: 346.26 feet below land surface

Photos (closeup) frame #: 100 - 1200 (overview) frame #: 100 - 1199

Field Staff: _____

Comments: Well was deepened in 2001 to 501 ft with SWL below 358 ft.

Unable to sample on 5/15/08 due to break in underground water line.

Revisited on 6/3/09

Well Inventory Form

Project: Northern Taos Plateau Wells Date: 6/3/09

Well ID: TC-219 Site Name: Sowards well

OSE Well Record ID: RG-43600 Other ID: TSWCD WG-30

Owner name: BLM / Mr. ^{Bagwell} Sowards Owner phone: _____

Location of site: NE study area. Large vertical tank.

Quad: La Segita Peaks Sample Collected? Yes No

UTM (NAD27): 430725 E 4092204 N Elev: _____ ft

Total depth: 501 ft Historic depth to water: 348.88 ft Source: E-cable in 5/15/08

Outer casing diam.: 6 5/8 in. Inner diam.: 6 in. Stick-up height: + 2.62 or - ft

Date drilled: 1954, 2001 How is well used: livestock, domestic, irrigation, other _____

Water Level Measurement

Sonic (normal): 1) _____ ft 2) _____ ft 3) _____ ft

Sonic (deep): 1) _____ ft 2) _____ ft 3) _____ ft

Steel Tape:

1) Hold: 350 ft Cut: dry ft DTW: ~~351.24~~ ft Notes: _____

2) Hold: 370 ft Cut: 18.76 ft DTW: 351.24 ft Notes: Best reading

3) Hold: 368 ft Cut: - ft DTW: _____ ft Notes: _____

4) Hold: 365 ft Cut: 0.87 ft DTW: 364.13 ft Notes: _____

5) Hold: 363 ft Cut: 1.01 ft DTW: 362 ft Notes: _____

E-Cable: 1) _____ ft Notes: _____

2) _____ ft Notes: _____

Static Water Level: 348.62 feet below land surface

Photos (closeup) frame #: _____ (overview) frame #: _____

Field Staff: P. Bauer, P. Johnson, ^{Mike} Rodriguez (BLM)

Comments: Tape hangs up at 300' and at ~360'. No consistent cut. E-cable was temporarily caught in well at 300'. Well was deepened from 355 ft to 501 ft in 2001.

Revisited from 5/15/08

RG-43600

TC-219 Sowards

WG-30

TC-219 Sowards well

SOWARDS
LOG ON BAGWELL-LOBATO WELL

Proj 444

0-4 Sandy soil
4-9 White malpie
9-29 Hard black malpie
29-70 Black malpie
70-75 Red and white cinders
75-120 Black malpie
120-132 Black malpie
132-140 Red cinders
140-162 Black malpie
162-200 Bright red cinders
200-245 Black malpie
245-260 Bright red and black cinders
260-300 Black cinders
300-345 Brown clay with black cinders - water 340-345
345-355 Hard black malpie

Driller - Dan Laughlin
Tool Dresser - Firmin Gonzales

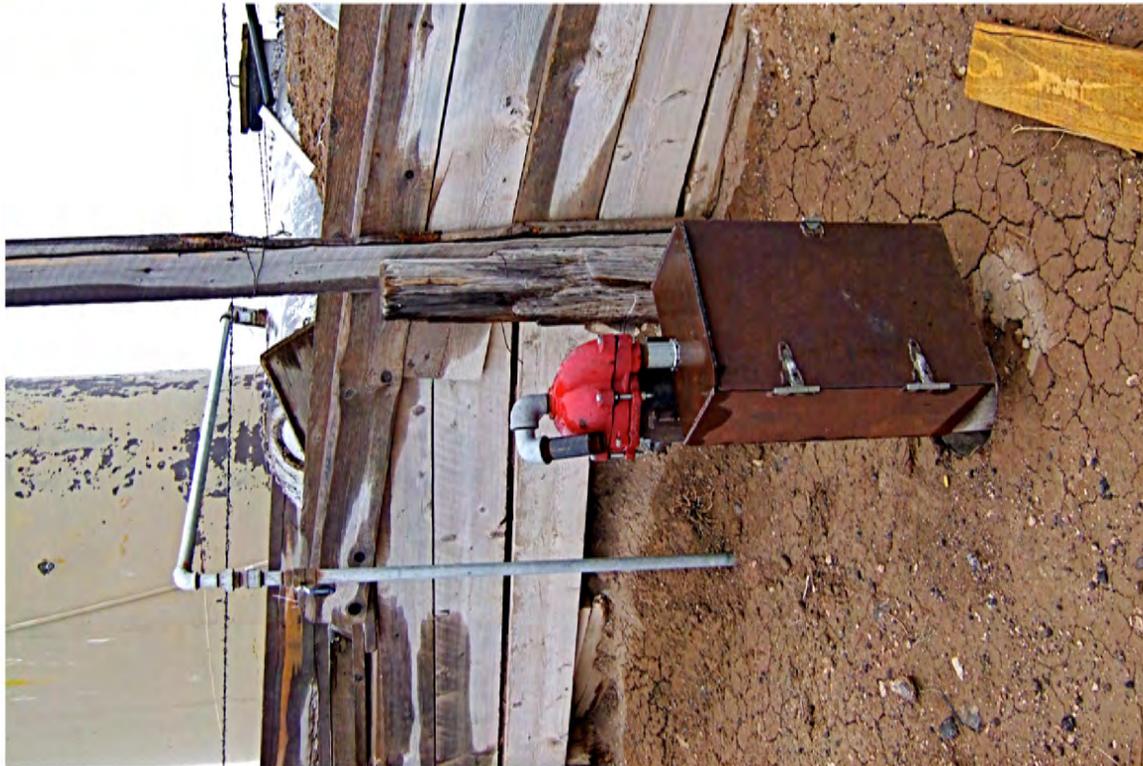
December 20, 1954

Deepened in 5/1/2001 to 501' depth, because well went dry.

362-451 malpie
void
453-496 malpie
496-501 void

Water was below 358' in 2001.

Driller = Bret Baker



TC-219 Sowards well

Well Inventory Form

Project: Northern Taos Plateau wells

Date: 5/15/08

Well ID: TC-220

Site Name: Llano well

OSE Well Record ID: RG- 89492

Other ID: TSWCD

Owner name: BLM/John Maestas

Owner phone: _____

Location of site: North-central study area, near CO border.

New site, with horizontal tank.

Quad: La Segita Peaks NE

Sample Collected? Yes No

UTM (NAD27): 424500 E 4091756 N Elev: _____ ft

Total depth: 430 ft Historic depth to water: _____ ft Source: _____

Outer casing diam.: 6 5/8 in. Inner diam.: 6 in. Stick-up height: + 3.1 or - ft

Date drilled: 2007 How is well used: livestock, domestic, irrigation, other _____

Water Level Measurement

Sonic (normal): 1) erratic ft 2) _____ ft 3) _____ ft

Sonic (deep): 1) erratic ft 2) _____ ft 3) _____ ft

Steel Tape:

1) Hold: _____ ft Cut: _____ ft DTW: _____ ft Notes: _____

2) Hold: _____ ft Cut: _____ ft DTW: _____ ft Notes: _____

3) Hold: _____ ft Cut: _____ ft DTW: _____ ft Notes: _____

4) Hold: _____ ft Cut: _____ ft DTW: _____ ft Notes: _____

5) Hold: _____ ft Cut: _____ ft DTW: _____ ft Notes: _____

E-Cable: 1) 393.06 ft Notes: _____

2) _____ ft Notes: _____

Static Water Level: 389.94 feet below land surface

Photos (closeup) frame #: 100-1204 (overview) frame #: 100-1202/1203

Field Staff: P. Johnson, T. Kludt, P. Bauer, B. Felix

Comments: Drillers log from owner:

2-282 basalts (various, some fractured)
282-371 basalt
371-376 fractured basalt
376-430 brown clay w/ sand streaks [screen 402-422]

From Johnny Maestas - 2008

TC-220 Llano well

TC-220 (RG-89492) Llano Well

2-282 basalts (various, some fractured)

282-371 basalt

371-376 frac. basalt

376-430 brown clay w/ sand streaks $\frac{402}{422}$ screen

TC-230 (RG-37146) (WG-26) Little Page Well

10-70 black lava

80-90 volc. ash

100-200 red lava

200-210 black lava

220-240 pumice

250-390 no sample, crevice, porous

400-410 hard ash SWL = 400'

420-430 fine sand

430-440 cinders + H₂O

450- clay + sand

460- coarse sand

470- coarse sand

480-484 hard lava

~100 gpm @ 430' lift



TC-220 Llano well

Well Inventory Form

Project: Northern Taos Plateau wells

Date: 5/15/08

Well ID: TC-221

Site Name: No Agua Perlite mine well

OSE Well Record ID: RG-

Other ID: TSWCD TP-37

Owner name: Harborlite Corporation

Owner phone: _____

Location of site: Pump house on road to mine office, north side of No Agua Peaks.

Quad: La Segita Peaks

Sample Collected? Yes No

UTM (NAD27): 414500 E 4068650 N Elev: _____ ft

Total depth: 1160 ft Historic depth to water: 727 ft Source: Owner

Outer casing diam.: _____ in. Inner diam.: _____ in. Stick-up height: ± _____ or - ft

Date drilled: 1971 How is well used: livestock, domestic, irrigation, other Mining

Water Level Measurement

Sonic (normal): 1) _____ ft 2) _____ ft 3) _____ ft

Sonic (deep): 1) _____ ft 2) _____ ft 3) _____ ft

Steel Tape:

1) Hold: _____ ft Cut: _____ ft DTW: _____ ft Notes: _____

2) Hold: _____ ft Cut: _____ ft DTW: _____ ft Notes: _____

3) Hold: _____ ft Cut: _____ ft DTW: _____ ft Notes: _____

4) Hold: _____ ft Cut: _____ ft DTW: _____ ft Notes: _____

5) Hold: _____ ft Cut: _____ ft DTW: _____ ft Notes: _____

E-Cable: 1) _____ ft Notes: _____

2) _____ ft Notes: _____

Static Water Level: _____ feet below land surface

Photos (closeup) frame #: _____ (overview) frame #: _____

Field Staff: _____

Comments: Contact is Paul Sowards (Manager of Services).

Well may have originally been 1971?

Contract Name Johns-Manville Perlite Corp.
 Job No. D-841 Date 7-27-71
 City No Agua, State New Mexico

TEST HOLE
 No. 1

Driller J. Tabor

Test Hole Location _____
 Distance and Direction from Permanent Landmark or Previous Test Hole _____

TC-221 No Agua Perlite mine well TEST LOG

FROM	TO	MARSH FUNNEL VISCOSITY SECONDS	MUD PIT LOSS INCHES	Static Water Level _____ Measured
				Hours After Completion
				FORMATION
0	7			Clay & boulders
7	11			Yellow sand
11	80			Perlite
80	113			Blue & white perlite, fractured.
113	294			Perlite mixture in color
294	451			Mixture perlite & rhyolite
451	455			Red clay
455	465			Perlite & rhyolite
465	534			Volcanic malpais - started losing water at 499' <i>← BADLANDS (UNDER)</i>
534	640			Red & brown clays with boulders
640	680			Basalt, medium hard
680	780			Sandstone. Lost circulation 630' got it back at 750'. No returns in this interval.
780	820			Red clay and boulders
820	905			Conglomerata - cinders, quartz & basalt.

NOTES: Size of Pit _____ X _____ X _____ DEEP



TC-221 No Agua perlite mill well

Well Inventory Form

Project: Northern Taos Plateau wells

Date: 5/15/08

Well ID: TC-222 Site Name: Bagwell N

OSE Well Record ID: RG- Other ID: TSWCD WG-25

Owner name: Lee Bagwell (brother Charles) Owner phone: _____

Location of site: NE corner of study area, off highway.

Powerline from highway to well site.

Quad: Pinabetsos Peaks Sample Collected? Yes No

UTM (NAD27): 413038 E 4088288 N Elev: _____ ft

Total depth: 685 ft Historic depth to water: 640 ft Source: Winograd

Outer casing diam.: 6 5/8 in. Inner diam.: 6 in. Stick-up height: + 0.66 or - ft

Date drilled: 1955 How is well used: livestock, domestic, irrigation, other _____

Water Level Measurement

Sonic (normal): 1) _____ ft 2) _____ ft 3) _____ ft

Sonic (deep): 1) 599.4 ft 2) 599.4 ft 3) _____ ft

Steel Tape:

1) Hold: _____ ft Cut: _____ ft DTW: _____ ft Notes: _____

2) Hold: _____ ft Cut: _____ ft DTW: _____ ft Notes: _____

3) Hold: _____ ft Cut: _____ ft DTW: _____ ft Notes: _____

4) Hold: _____ ft Cut: _____ ft DTW: _____ ft Notes: _____

5) Hold: _____ ft Cut: _____ ft DTW: _____ ft Notes: _____

E-Cable: 1) _____ ft Notes: _____

2) _____ ft Notes: _____

Static Water Level: ~ 599.4 feet below land surface

Photos (closeup) frame #: 100-1213 (overview) frame #: 100-1212

Field Staff: T. Kludt; B. Felix; P. Johnson; P. Bauer on 6/3/08 for sample.

Comments: Well has grid power and float valve on tank.

TC-222

1967

WG-25

VAN R. TURNER DRILLING CO.

DRILLING, PUMP AND WINDMILL INSTALLATION

2701 SECOND STREET NW - PHONE 4-6184 AND 4-0202

Proj 397

ALBUQUERQUE
NEW MEXICO

SE 1/4 NW 1/4 Sec 10 T31N R9E

TC-222 Bagwell S well

DATE 30 November 195

DRILLER Henry Caraway

LOCATION

Bureau of Land Management

TOOL DRESSER Claude Caraway

Aprx. 10 miles south-25 mi

southeast of Antonito, Colorado

NE 1/4 SW 1/4 Sec. 10, T.R. 9E.

DATE	FROM	TO	FORMATION	REMARKS
	0	9	Malpi boulders-top soil	
	9	435	Malpi	
	435	575	Ashes-cinders	
	575	615	Sand	
	615	630	Sandstone	
	630	635	Cinders	Making water.
	635	640	Sandstone	
	640	655	Sand	Water.
	Deepened to	685'		
<i>Bagwell Huffer well</i>				



TC-222 Bagwell N well

Well Inventory Form

Project: Northern Taos Plateau wells

Date: 5/16/08

Well ID: TC-223

Site Name: Stateline well (Kelly & Jack)

OSE Well Record ID: RG-50361

Other ID: TSWCD WG-32

Owner name: Kelly & Jack Sowards

Owner phone: _____

Location of site: NE corner of study area, near CO border.

Quad: Pinabetsos Peaks

Sample Collected? Yes No

UTM (NAD27): 414926 E 4093031 N Elev: _____ ft

Total depth: 490 ft Historic depth to water: 435 ft Source: ~~Wino grad~~ OSE

Outer casing diam.: 6⁵/₈ in. Inner diam.: 6 in. Stick-up height: +2.02 or - _____ ft

Date drilled: 1990 How is well used: livestock, domestic, irrigation, other _____

Water Level Measurement

Sonic (normal): 1) 437.2 ft 2) _____ ft 3) _____ ft

Sonic (deep): 1) 437.2 ft 2) 437.2 ft 3) _____ ft

Steel Tape:

1) Hold: _____ ft Cut: _____ ft DTW: _____ ft Notes: _____

2) Hold: _____ ft Cut: _____ ft DTW: _____ ft Notes: _____

3) Hold: _____ ft Cut: _____ ft DTW: _____ ft Notes: _____

4) Hold: _____ ft Cut: _____ ft DTW: _____ ft Notes: _____

5) Hold: _____ ft Cut: _____ ft DTW: _____ ft Notes: _____

E-Cable: 1) 438.32 ft Notes: _____

2) _____ ft Notes: _____

Static Water Level: 436.30 feet below land surface

Photos (closeup) frame #: 100-1215 (overview) frame #: 100-1214

Field Staff: P. Johnson, T. Kludt, P. Bauer, B. Felix

Comments:

TC-223 Stateline well

STATE ENGINEER OFFICE WELL RECORD

WG-32

Section 1. GENERAL INFORMATION

(A) Owner of well Bureau of Land Management Owner's Well No. RB-50361
 Street or Post Office Address 224 Burg Blvd
 City and State Jara, N.M. 87571

Well was drilled under Permit No. _____ and is located in the:

- a. NW $\frac{1}{4}$ SE $\frac{1}{4}$ 26 of Section 26 Township 32N Range 9E N.M.P.M.
Taos County
- 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 Robert Cook License No. WD-579
 Address P.O. Box 732 Angel Fire, N.M. 87710
 Drilling Began 1/21/90 Completed 1/16/90 Type tools rotary Size of hole 10 1/4 in.
 Elevation of land surface or _____ at well is _____ ft. Total depth of well 490 ft.
 Completed well is shallow artesian. Depth to water upon completion of well 435 ft.

Section 2. PRINCIPAL WATER-BEARING STRATA

Depth in Feet		Thickness in Feet	Description of Water-Bearing Formation	Estimated Yield (gallons per minute)
From	To			
440	490	50	fractured sand	90

Section 3. RECORD OF CASING

Diameter (inches)	Pounds per foot	Threads per in.	Depth in Feet		Length (feet)	Type of Shoe	Perforations	
			Top	Bottom			From	To
6 5/8"	20 lb	weld	0	490	490	—	450	490

Section 4. RECORD OF MUDDING 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

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

Date Received 1-29-90

FOR USE OF STATE ENGINEER ONLY

File No. RG-50361 Use DOM (STR) Location No. 32N. 9E. 26. 41
 Quad _____ FWL _____ FSL _____
 (Pass)



TC-223 Stateline well

Well Inventory Form

Project: Northern Taos Plateau wells

Date: 5/16/08

Well ID: TC-224

Site Name: Shawcroft West

OSE Well Record ID: RG-75708

Other ID: TSWCD

Owner name: Donald Shawcroft (John)

Owner phone: _____

Location of site: NE of San Antonio Mtn.

Quad: Pinabetsos Peaks

Sample Collected? Yes No

UTM (NAD27): 417135

E

4084379

N

Elev: _____ ft

Total depth: ~900 ft Historic depth to water: _____ ft Source: Owner

Outer casing diam.: 6 5/8 in. Inner diam.: 6 in. Stick-up height: +2.1 or - ft

Date drilled: ?

How is well used: livestock, domestic, irrigation, other _____

Water Level Measurement

Sonic (normal): 1) erratic ft 2) _____ ft 3) _____ ft

Sonic (deep): 1) erratic ft 2) _____ ft 3) _____ ft

Steel Tape:

1) Hold: _____ ft Cut: _____ ft DTW: _____ ft Notes: _____

2) Hold: _____ ft Cut: _____ ft DTW: _____ ft Notes: _____

3) Hold: _____ ft Cut: _____ ft DTW: _____ ft Notes: _____

4) Hold: _____ ft Cut: _____ ft DTW: _____ ft Notes: _____

5) Hold: _____ ft Cut: _____ ft DTW: _____ ft Notes: _____

E-Cable: 1) >650 ft Notes: Probe stuck in well after going to 650 ft.

2) _____ ft Notes: _____

Static Water Level: _____ feet below land surface

Photos (closeup) frame #: 100-1231 (overview) frame #: 100-1232/1229/1230

Field Staff: T. Kludt, B. Felix, P. Johnson, P. Bauer

Comments: Well blowing strongly.

A second, inactive casing in nearby (417158, 4084376). It appears to be an abandoned dry hole. Photos 100-1234, 100-1233/1235.

Casing is open, with dry collapsed(?) bottom at 79 ft. Casing is 10 5/8 inch diameter, with 1.67 inch stick-up.



TC-224 Shawcroft west well

Well Inventory Form

Project: Northern Taos Plateau Wells Date: 6/2/08

Well ID: TC-225 Site Name: Chiflo damsite test hole 7-A

OSE Well Record ID: _____ Other ID: TSWCD ~~WG~~-13

Owner name: _____ Owner phone: _____

Location of site: Between Chiflo and Brushy Mtn. Just west of TC-204 well (S of Chiflo). Open casing that is located in a large pit.

Quad: Guadalupe Mtn Sample Collected? Yes No

UTM (NAD27): 434832 E 4064607 N Elev: _____ ft

Total depth: 362 ft Historic depth to water: 310 ft Source: Winograd

Outer casing diam.: 2" in. Inner diam.: 1 1/2 in. Stick-up height: + 1.5 or - ft

Date drilled: 1946 How is well used: livestock, domestic, irrigation, other

Water Level Measurement

Sonic (normal): 1) _____ ft 2) _____ ft 3) _____ ft

Sonic (deep): 1) _____ ft 2) _____ ft 3) _____ ft

Steel Tape:

1) Hold: _____ ft Cut: _____ ft DTW: _____ ft Notes: _____

2) Hold: _____ ft Cut: _____ ft DTW: _____ ft Notes: _____

3) Hold: _____ ft Cut: _____ ft DTW: _____ ft Notes: _____

4) Hold: _____ ft Cut: _____ ft DTW: _____ ft Notes: _____

5) Hold: _____ ft Cut: _____ ft DTW: _____ ft Notes: _____

E-Cable: 1) _____ ft Notes: SWL is about 3.5 ft below land surface.

2) _____ ft Notes: Dropped cable about 95 ft into well whereupon it encountered blockage.

Static Water Level: _____ feet below land surface

Photos (closeup) frame #: _____ (overview) frame #: _____

Field Staff: _____

Comments: Why is water standing so high in this well?

TC-225 Chiflo test hole 7-A well

Table 7. Logs of wells and dam-site test holes in the Sunshine Valley area, Taos County, N. Mex., and Costilla County, Colo. (continued)

Material	Thickness (feet)	Depth (feet)	Material	Thickness (feet)	Depth (feet)
1.74.7.111 Bureau of Reclamation (Costilla dam-site test hole 2) (continued)			1.74.26.442 Corps of Engineers, U.S. Army (Chiflo dam-site test hole R-7) (continued)		
Lava, red, vesicular	6	36	Sand, some clay	15	45
Lava, dark, fine-grained. Gas bubbles are tiny	6	42	Sand and clay	161	206
Lava, red, vesicular. Gas pockets make up about 15 percent of the volume of the core. These vug holes are 1/4 to 1/2 inch in diameter	11	53	Shale, bluish, soft, gray; shields of wood and leaves in cuttings	2	208
Basalt, dark, vesicular	2.5	55.5	Basalt, black to dark-gray, vesicular below 245.7 feet, red and scoria- ceous below 251.5 feet	48	256
Basalt, dark, fine-grained	4.5	60	2.74.11.222 Top O' The World Farms (well 5)		
Lava, dark, vesicular. Gas pockets make up over 20 percent of the volume of the core	14	74	No record	2	2
Lava, dark, fine-grained	9	83	Caliche	13	15
Sand, pebbles, and clay; interflow (alluvium); partially consolidated mixture	3	86	Gravel and clay	25	40
Lava, dark vesicular. Gas pockets make up about 20 percent of the volume of the core	5	91	Clay and sand	10	50
Lava, dense, very dark. No gas pockets	5	96	Gravel and clay	20	70
Basalt, dark, very vuggy	6	102	Clay and sand	143	213
Lava, dense, dark	13	115	Rock, black	35	248
Lava, dark, vesicular	20	135	Clay and sand	32	280
Lava, dense, dark	28	163	Rock, black, with gravel	45	325
Lava, dark, vesicular	20	183	Clay, some gravel	90	415
Lava, dark, fine-grained. No gas pockets	58	241	Rock, black	20	435
Lava, dark, vesicular	8	249	2.74.12.121 Top O' The World Farms (well 4)		
Clay zone, white2	249.2	Clay and gravel mixed	155	155
Basalt, red, vesicular	5.8	255	Gravel. Water.	5	160
Lava, dark, vesicular	7	262	Gravel. Water.	25	185
Lava, dark, fine-grained. Very few holes	38	300	Gravel and brown clay. Water.	93	278
1.74.23.222 Top O' The World Farms			Rock, black	22	300
Clay	20	20	Rock, red	20	320
Clay and sand	80	100	Rock, black	5	325
Clay and sand	80	180	Clay, sticky, with strips of good water gravel	83	408
Gravel, dry	80	260	2.74.12.122 Top O' The World Farms (well 3)		
Rock, black	20	280	Gravel and clay	80	80
Clay	14	294	Sand and water	43	123
Water gravel (good)	26	320	Clay and sand	87	210
Water gravel	95	415	Gravel. Water.	40	250
Clay	15	430	Clay, brown	10	260
Note: Hit water at 294 feet. Water reportedly rose 14 feet.			Rock, black	3	263
Corps of Engineers, U.S. Army (Chiflo dam- site test hole R-7)			Clay, strips, and water gravel	28	291
1.74.26.442			Gravel. Water.	32	323
Silt and sand	3.5	3.5	Rock, black	4	327
Sand, gravel, and boulders	21.5	25	2.74.12.222 Top O' The World Farms (well 2)		
Sand, clay, and boulders	5	30	Gravel, clay 25 feet to 30 feet	125	125
			Gravel	105	230
			Clay	3	233
			Gravel, strips of clay	17	250
			Note: Hit water at 53 feet. Water reportedly rose 6 feet.		



TC-225 Chiflo test hole 7-A well

Well Inventory Form

Project: Northern Taos Plateau wells

Date: 5/16/08

Well ID: TC-226

Site Name: Shawcroft East

OSE Well Record ID: RG-

Other ID: TSWCD

Owner name: Donald Shawcroft (John)

Owner phone: _____

Location of site: North-central study area. Huge horizontal water tank.

Quad: 7Wn La Segita Peaks NE

Sample Collected? Yes No

UTM (NAD27): 423565 E 4085666 N Elev: _____ ft

Total depth: 420 ft Historic depth to water: 390 ft Source: Owner

Outer casing diam.: 10 in. Inner diam.: 4 in. Stick-up height: + 2.22 or - ft

Date drilled: ? How is well used: livestock, domestic, irrigation, other _____

Water Level Measurement

Sonic (normal): 1) erratic ft 2) _____ ft 3) _____ ft

Sonic (deep): 1) erratic ft 2) _____ ft 3) _____ ft

Steel Tape:

1) Hold: _____ ft Cut: _____ ft DTW: _____ ft Notes: >360 ft to water

2) Hold: _____ ft Cut: _____ ft DTW: _____ ft Notes: _____

3) Hold: _____ ft Cut: _____ ft DTW: _____ ft Notes: _____

4) Hold: _____ ft Cut: _____ ft DTW: _____ ft Notes: _____

5) Hold: _____ ft Cut: _____ ft DTW: _____ ft Notes: _____

E-Cable: 1) _____ ft Notes: _____

2) _____ ft Notes: _____

Static Water Level: _____ feet below land surface

Photos (closeup) frame #: 100-1237 (overview) frame #: 100-1236

Field Staff: T. Kludt, B. Felix, P. Johnson, P. Bauer

Comments: Old well. Originally windmill, then pumpjack, now electric. Well was blowing air.



TC-226 Shawcroft east well

Well Inventory Form

Project: Northern Taos Plateau wells

Date: 6/3/08

Well ID: TC-227 Site Name: Perlite mine office in Antonito

OSE Well Record ID: ~~BO~~ CO Well Permit #3286F Other ID: TSWCD

Owner name: Harborlite Corp. (Paul Sowards) Owner phone: _____

Location of site: Small wellhouse located between mine office and mill, on S end of Antonito, CO.

Quad: _____ Sample Collected? Yes No

UTM (NAD27): 410519 E 4101191 N Elev: _____ ft

Total depth: ~~237~~ ²³⁷ ft Historic depth to water: ~~237~~ ²¹¹ ft Source: owner

Outer casing diam.: ~12? in. Inner diam.: _____ in. Stick-up height: ± _____ or -2 ft

Date drilled: _____ How is well used: livestock, domestic, irrigation, other

Water Level Measurement

Sonic (normal): 1) _____ ft 2) _____ ft 3) _____ ft

Sonic (deep): 1) _____ ft 2) _____ ft 3) _____ ft

Steel Tape:

1) Hold: _____ ft Cut: _____ ft DTW: _____ ft Notes: _____

2) Hold: _____ ft Cut: _____ ft DTW: _____ ft Notes: _____

3) Hold: _____ ft Cut: _____ ft DTW: _____ ft Notes: _____

4) Hold: _____ ft Cut: _____ ft DTW: _____ ft Notes: _____

5) Hold: _____ ft Cut: _____ ft DTW: _____ ft Notes: _____

E-Cable: 1) _____ ft Notes: _____

2) _____ ft Notes: _____

Static Water Level: _____ feet below land surface

Photos (closeup) frame #: _____ (overview) frame #: _____

Field Staff: _____

Comments: Well has extensive plumbing system in wellhouse, including a ~15 gall. pressure tank. Could not get water level due to access issues in pumphouse. Top of casing is about 2 ft below land surface. Well serves all water needs in office and mill. Pump at 218 ft.

TC-227 Harborlite perlite mill well

TC-227

21 1961

Form E (Rev. OCT 10 1961)

STATE OF COLORADO
DIVISION OF WATER RESOURCES
OFFICE OF THE STATE ENGINEER
GROUND WATER SECTION

RECEIVED

SEP 7 1961
GROUND WATER SECT.
COLORADO
STATE ENGINEER

Index No.	<u>38</u>
IDWD	<u>3-22</u>
Use	<u>Industrial</u>
Registered	<u>9-7-61</u>
Cards Typed	_____

LOG AND HISTORY OF WELL
PERMIT NO. 03286-F

Lic. _____
No. 33

Drilled by H.A. Dewey

WELL LOCATION

Conejos County 11

Owner John S. Mansville Perlite Corp

Address P.O. Box ³³⁸ ~~177~~ Antonito, ⁸¹¹²⁰ Colo.

NW 1/4 of SE 1/4 of Sect. 32

Tenant _____

Twp. 33N, Rge. 9E, N/M
N. 1/4

Used for Industrial

LOCATE WELL ACCURATELY
IN THE SMALL SQUARES REP-
PRESENTING 40 ACRES

on or by _____

(description of site or land)

Date Started July 28, 1961

N

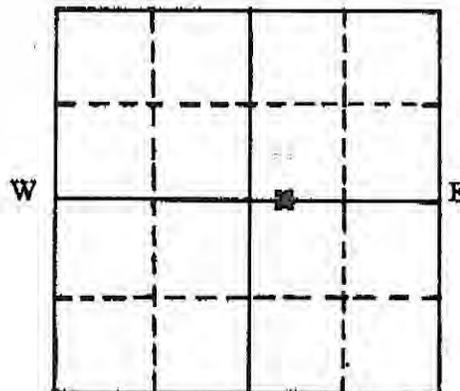
Date Completed Aug 8/15, 1961

Date Tested 8/23-24, 1961

Yield 70 gpm _____ cfs

Pump type Turbin Outlet Size 2"

Driven by 7 1/2 electric HP @ RPM 1760



Depth to Water 202 Ft. Draw down 24 Ft.

Depth to Inlet 226 Ft.; Bowl 215 Ft.

Size and Kind of Casing:

If the above is not applicable
fill in:

From 0 to 228 Type SMLS Wt. 28

Town or Subdivision _____

From _____ to _____ Type _____ Wt. _____

Street Address or Lot & Block _____

From _____ to _____ Type _____ Wt. _____

Perforations: Size and Type

Ground elevation _____
(if known)

From 202 to 228 Type SMLS Size 2"

From _____ to _____ Type _____ Size _____

How Drilled:

From _____ to _____ Type _____ Size _____

Cable tool

Well description: Total Depth 228 Ft. ✓

REMARKS

Hole (from 0 to 228, 10 in.

Diam. (from _____ to _____, _____ in.

(from _____ to _____, _____ in.

Cementing, Packing, Type of
Shut-off, Depth to Shut-off, etc.
PUT LOG OF WELL ON RE-
VERSE SIDE

TO BE MADE OUT IN QUADRUPPLICATE: Original Blue and Duplicate Green to

TC-227 Harborlite perlite mill well

LOG OF WELL (ADD SPACES AS NEEDED)

From	0	ft. to	34	ft.	Lava
	34		64		Pumice
	64	ft. to	95	ft.	Lava
	96		180		Boulders
	180	ft. to	198	ft.	Fine sand, dry
	198		202		Boulders
	202	ft. to	206	ft.	Gravel
	206		228		Boulders
		ft. to		ft.	

Well completed from 95' to 106' from 0 to 10'

0' - 34'	Lava	
34 - 64	Pumice	
64 - 95	Lava	
96 - 180	Boulders	
180 - 198	Fine sand, dry	
198 - 202	Boulders	
202 - 206	Gravel] ∇ SWL 202' screen 202-228'
206 - 228	Boulders	



TC-227 Harborlite perlite mill well

Well Inventory Form

Project: Northern Taos Plateau wells

Date: 6/4/08

Well ID: TC-229 Site Name: Crow well

OSE Well Record ID: RG-37144 Other ID: TSWCD WG-29

Owner name: Johnny Maestas Owner phone: _____

Location of site: North-central study area. Horizontal water tank.

Quad: La Segita Peaks NE Sample Collected? Yes No

UTM (NAD27): 427587 E 4085189 N Elev: _____ ft

Total depth: 365 ft Historic depth to water: 311 ft Source: Winograd

Outer casing diam.: _____ in. Inner diam.: 5 in. Stick-up height: + 1.7 or - ft

Date drilled: 1951 How is well used: livestock, domestic, irrigation, other _____

Water Level Measurement

Sonic (normal): 1) _____ ft 2) _____ ft 3) _____ ft

Sonic (deep): 1) _____ ft 2) _____ ft 3) _____ ft

Steel Tape:

1) Hold: 324 ft Cut: 7.7 ft DTW: 317.10 ft Notes: _____

2) Hold: 322 ft Cut: 4.90 ft DTW: 317.10 ft Notes: _____

3) Hold: _____ ft Cut: _____ ft DTW: _____ ft Notes: _____

4) Hold: _____ ft Cut: _____ ft DTW: _____ ft Notes: _____

5) Hold: _____ ft Cut: _____ ft DTW: _____ ft Notes: _____

E-Cable: 1) _____ ft Notes: _____

2) _____ ft Notes: _____

Static Water Level: 315.40 feet below land surface

Photos (closeup) frame #: _____ (overview) frame #: _____

Field Staff: P. Johnson, P. Bauer

Comments: Owner accompanied staff to well.



TC-229 Crow well

Well Inventory Form

Project: Northern Taos Plateau wells Date: 6/4/08

Well ID: TC-230 Site Name: Little Page well

OSE Well Record ID: RG-37146 Other ID: TSWCD WG-26

Owner name: Johnny Maestas Owner phone: _____

Location of site: North-central study area. Vertical water tank.

Quad: La Segita Peaks NE Sample Collected? Yes No

UTM (NAD27): 423977 E 4088372 N Elev: _____ ft

Total depth: 480 ft Historic depth to water: 400 ft Source: USGS

Outer casing diam.: 6 5/8 in. Inner diam.: 6 in. Stick-up height: +1.8 or - ft

Date drilled: 1961 How is well used: livestock, domestic, irrigation, other _____

Water Level Measurement

Sonic (normal): 1) _____ ft 2) _____ ft 3) _____ ft

Sonic (deep): 1) _____ ft 2) _____ ft 3) _____ ft

Steel Tape:

1) Hold: 420 ft Cut: 6.75 ft DTW: 413.23 ft Notes: _____

2) Hold: 420 ft Cut: 6.76 ft DTW: 413.24 ft Notes: _____

3) Hold: _____ ft Cut: _____ ft DTW: _____ ft Notes: _____

4) Hold: _____ ft Cut: _____ ft DTW: _____ ft Notes: _____

5) Hold: _____ ft Cut: _____ ft DTW: _____ ft Notes: _____

E-Cable: 1) _____ ft Notes: _____

2) _____ ft Notes: _____

Static Water Level: 411.44 feet below land surface

Photos (closeup) frame #: _____ (overview) frame #: _____

Field Staff: P. Johnson, P. Bauer

Comments: Owner stated that well is poor producer. He hired to have well cleaned out. Small pile of rusty flakes of Tv were pumped out.
Owner had drillers log, which was copied into field book (over).

TC-230 Little Page well

TC-230

RG-37146

10-70 black lava
80-90 volc. ash
100-200 red lava
200-210 black lava
220-240 pumice
250-390 no sample - crevice, porous
400-410 hard ash DTW = 400'
420 - fine sand
430-440 cinders + H₂O
450 - clay + sand
460 - coarse sand
470 - coarse sand
480-484 hard lava

~ 100 gpm @ 430' lift

Log copied from well owner copy of drillers log.



TC-230 Little Page well

Well Inventory Form

Project: Northern Taos Plateau wells

Date: 6/3/09

Well ID: TS-231

Site Name: Twin Lakes, CO

CO ~~OSE~~ Well Record ID: 44477

Other ID: _____

Owner name: BLM La Jara office

Owner phone: _____

Location of site: One mile west of Twin Lakes, in Punche Valley, CO.

Large, vertical black steel tank.

Quad: Kiowa Hill, CO

Sample Collected? Yes No

UTM (NAD27): 425379

E

4096078

N

Elev: 7650

ft

Total depth: 254 ft Historic depth to water: 231 ft Source: CO Div. Water Res. permit

Outer casing diam.: 6 5/8 in. Inner diam.: _____ in. Stick-up height: ± 1 or - ft

Date drilled: 1971

How is well used: (livestock) domestic, irrigation, other _____

Water Level Measurement

Sonic (normal): 1) _____ ft 2) _____ ft 3) _____ ft

Sonic (deep): 1) _____ ft 2) _____ ft 3) _____ ft

Steel Tape:

1) Hold: 240 ft Cut: - ft DTW: _____ ft Notes: spotty

2) Hold: 245 ft Cut: 3.14 ft DTW: 241.86 ft Notes: good

3) Hold: 246 ft Cut: ~4.25 ft DTW: _____ ft Notes: cut lost in smudge (raining hard)

4) Hold: _____ ft Cut: _____ ft DTW: _____ ft Notes: _____

5) Hold: _____ ft Cut: _____ ft DTW: _____ ft Notes: _____

E-Cable: 1) _____ ft Notes: _____

2) _____ ft Notes: _____

Static Water Level: 240.86 feet below land surface WLE = 7409.14'

Photos (closeup) frame #: _____ (overview) frame #: _____

Field Staff: P. Johnson, P. Bauer

Comments: Found CO Div. of Water Resources well record online, including lith log. Screen at 239-254'

1971 WLE = 7419' } WL dropped 10'
2009 WLE = 7409'

TC-231 Twin Lakes well

Twin Lakes (TC-231)

Permit Constructed

Help Last Refresh: 7/22/2009 12:02:13 AM

Receipt: 9102117 Division: 3
Permit #: 44477-- Water District: 24
Well Name / #: County: CONEJOS
Designated Basin: Management District:
Case Number:
WDID:

[-] Applicant/Owners History

Date Range	Applicant/Owner Name	Address	City/State/Zip
Unknown - Present	BUREAU OF LAND MANAGEMENT	3080 MAIN	CANON CITY, CO 81212

[-] Location Information

Approved Well Location:

Q40	Q160	Section	Township	Range	PM	Footage from Section Lines
SE	SE	14	32.0N	10.0E	New Mexico	

Northing (UTM y): 4096206.3 Easting (UTM x): 425229.8
Location Accuracy: Spotted from quarters

Physical Address

Subdivision Name

City/State/Zip

Filing Block Lot

Parcel ID:

Acres in Tract:

[-] Permit Details

Date Issued:

Date Expires:

Use(s): STOCK

Aquifer(s): ALL UNNAMED AQUIFERS

Special Use:

Area which may be irrigated:

Maximum annual volume of appropriation:

Statute:

Permit Requirements:

Totalizing Flow Meter
No

Geophysical Log
No

Abandonment Report
No

Cross Reference Permit Number

Receipt

Description

Permit(s):

Comments:

[-] Construction/Usage Details

Well Construction Date:

Pump Installation Date:

Well Plugged:

1st Beneficial Use: 02/02/1971

Elevation	Depth	Perforated Casing (Top)	Perforated Casing (Bottom)	Static Water Level	Pump Rate
	254			231	2

[-] Application/Permit History

First Beneficial Use 02/02/1971

[-] Imaged Documents

Document Name Date Imaged Annotated

Original File 12/03/2007 No

TC-231 Twin Lakes well

WELL LOG

From	To	Type & Color of Material	Water Loc.
0	1	Topsoil	
1	18	Lava boulders Black	
18	36	Lava Rock Black	
36	48	Red Pumice	
48	72	Lava Rock Black	
72	113	Lava Rock black Crevices	
113	119	Lava Rock black hard	
119	134	Lava Rock brown	
134	138	pumice + clay	
138	164	Lava Rock black	
164	201	Lava Rock Red air crevices air pockets 180201	
201	230	Lava Rock black	
230	236	Brown Lava Rocks	
236	254	Lava Rock black hard	

Use additional paper if necessary to complete log.

WELL DATA

Type Drilling Cable tool

HOLE DIAMETER:

7 3/4 in. from 0 ft. to 254 ft.
 _____ in. from _____ ft. to _____ ft.
 _____ in. from _____ ft. to _____ ft.

CASING RECORD

Plain Casing

Size 6 5/8 kind _____ from 0 ft. to 239 ft.
 Size _____, kind _____ from _____ ft. to _____ ft.
 Size _____, kind _____ from _____ ft. to _____ ft.

Perforated Casing

Size 6 3/4 kind _____ from 239 ft. to 254 ft.
 Size _____, kind _____ from _____ ft. to _____ ft.
 Size _____, kind _____ from _____ ft. to _____ ft.

GROUTING RECORD

Material _____
 Intervals _____
 Placement Method _____

GRAVEL PACK RECORD

Size _____ Interval _____

TEST DATA

Date Tested 3-23-71
 Type of Pump Bailer
 Length of Test 1 hr
 Constant Yield 2 1/2 g.p.m.
 Drawdown 18

WELL DRILLERS STATEMENT

The undersigned, being duly sworn, deposes and says: he is the driller of the well hereon described; he has read the statement made hereon; knows the content thereof, and the same is true of his own knowledge.

X George Gutz

License No. 221

State of Colorado, County of _____) ss

Subscribed and sworn to before me this _____ day of _____, 19____

My Commission expires _____, 19____.

Notary Public

TC-231 Twin Lakes well

WRJ 5-70

Index No.	<u>84</u>
IDWD	<u>3-24</u>
Use	<u>2</u>
Registered	

Ent

STATE OF COLORADO
DIVISION OF WATER RESOURCES
OFFICE OF THE STATE ENGINEER

MAP AND STATEMENT FOR WATER WELL FILING

PERMIT NUMBER 44477



STATE OF COLORADO) SS

CLAIMANT (s) Bureau of Land Management

WELL LOCATION Conejos County

That the undersigned, Claimant, being duly sworn deposes and says that he or (they) is (are) the owned (s) of the well described hereon; the total number of acres of land irrigated from this well is

SE 1/4 of SE 1/4, sec. 14
T. 32N R. 10E N.M. NM P.M.

_____ ; work was commenced on this well by

actual construction 2 day of February 1971;

the yield from said well is 2 1/2 (gpm), for which claim

is hereby made for Linitstock

purposes; that the average annual amount to be diverted is _____

acre-feet; and that the aforementioned statements are made and this

map and statement are filed in compliance with the law.

X _____
Claimant (s)

3080 Main
Address

Canon city Colo

Subscribed before me on this _____ day of _____, 19____

My Commission expires _____

Notary Public

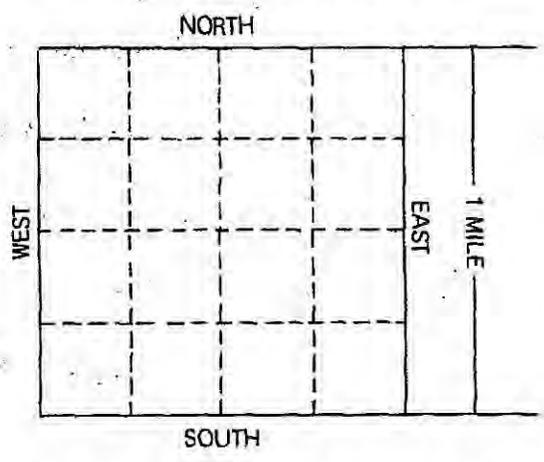
WELL DATA

Date Completed 3-24-71

Static Water Level 231

Total Depth 254

INDICATE WELL LOCATION ON DIAGRAM



WELL SHALL BE LOCATED WITH REFERENCE TO GOVERNMENT SURVEY CORNERS OR MONUMENTS, OR SECTION LINES BY DISTANCE AND BEARING.

_____ ft. from _____ section line.
(North or South)

_____ ft. from _____ section line.
(East or West)

Ground Water Basin _____

Water Management District _____

Domestic wells may be located by the following:

LOT _____, BLOCK _____

SUBDIVISION _____

FILING # _____

ACCEPTED FOR FILING IN THE OFFICE OF THE STATE ENGINEER OF COLORADO ON THIS _____ DAY OF _____, 19____.

State Engineer

FORM TO BE MADE OUT IN QUADRUPPLICATE: WHITE FORM MUST BE AN ORIGINAL COPY ON BOTH SIDES AND SIGNED. WHITE copy & GREEN copy must be filed with the State Engineer within 30 days after well is completed: PINK copy is for the Owner & YELLOW copy is for the Driller.

Well Inventory Form

Project: Northern Taos Plateau Wells Date: 6/4/09

Well ID: TC-232 Site Name: Lobato Well, CO

OSE Well Record ID: _____ Other ID: _____

Owner name: BLM (La Jara office) Owner phone: _____

Location of site: BLM Riverside Allotment, near Rio Grande, south of Punche Arroyo. Well and 12' tan vertical tank sit on concrete pad.

Quad: Sky Valley Ranch, CO Sample Collected? Yes No

UTM (NAD27): 433721 E 4095702 N Elev: _____ ft

Total depth: 350 ft Historic depth to water: _____ ft Source: _____

Outer casing diam.: 6^{5/8} in. Inner diam.: 6 in. Stick-up height: ± 1 or - ft

Date drilled: 1971 How is well used: livestock, domestic, irrigation, other Inactive

Water Level Measurement

Sonic (normal): 1) _____ ft 2) _____ ft 3) _____ ft

Sonic (deep): 1) _____ ft 2) _____ ft 3) _____ ft

Steel Tape:

1) Hold: 230 ft Cut: _____ ft DTW: _____ ft Notes: spotty

2) Hold: 250 ft Cut: _____ ft DTW: _____ ft Notes: spotty

3) Hold: 270 ft Cut: 2.54 ft DTW: _____ ft Notes: excellent

4) Hold: 270 ft Cut: 3.23 ft DTW: 266.77 ft Notes: excellent

5) Hold: 270 ft Cut: 2.82 ft DTW: _____ ft Notes: excellent

6) 270 0.57
7) 270 3.23

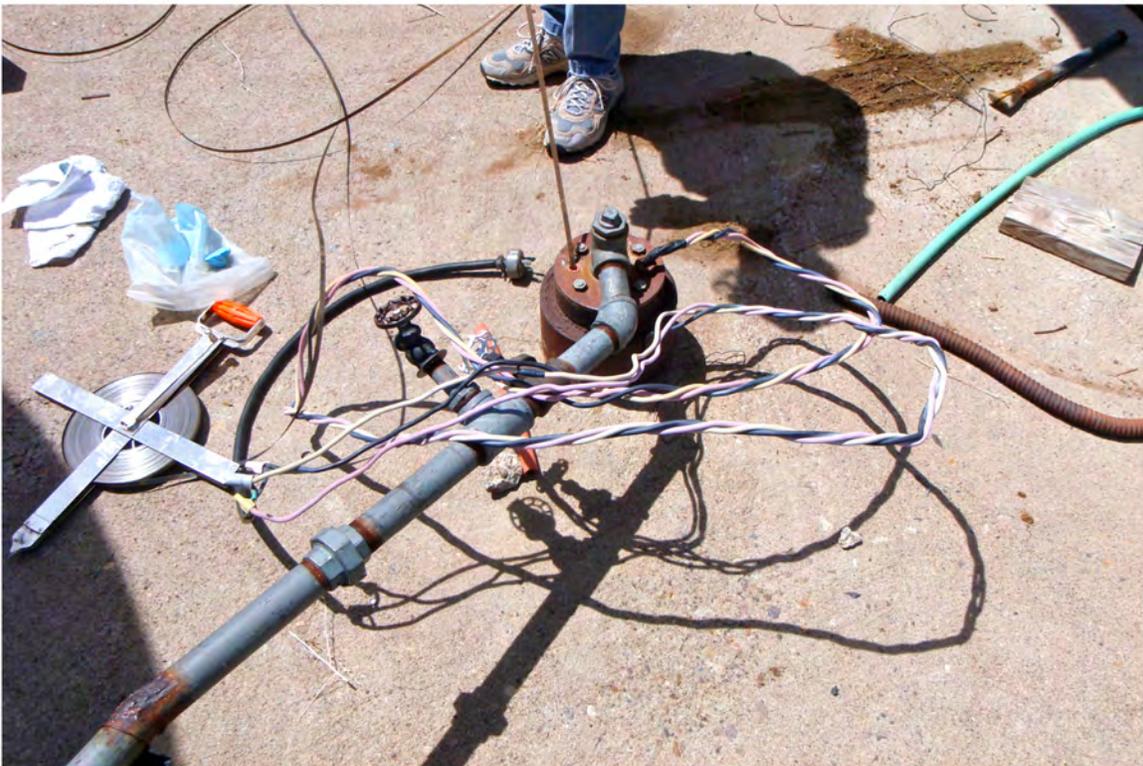
E-Cable: 1) _____ ft Notes: _____
2) _____ ft Notes: _____

Static Water Level: 265.77 feet below land surface

Photos (closeup) frame #: _____ (overview) frame #: _____

Field Staff: P. Johnson, P. Bauer

Comments: Found file for this well in BLM La Jara office (Melissa Shawcroft), but need to find data on well. Follow up with Melissa.



TC-232 Lobato well

Well Inventory Form

Project: Northern Taos Plateau Wells Date: 6/4/09

Well ID: TC-233 Site Name: San Antonio Mtn Well

OSE Well Record ID: RG-24777 Other ID: _____

Owner name: _____ Owner phone: _____

Location of site: At top of private road with row of homes on east side of San Antonio Mountain. Well is hand dug, located between house and shed, with brick casing.

Quad: La Segita Peaks Sample Collected? Yes No

UTM (NAD27): 411242 E 4078678 N Elev: ~ 9389 ft

Total depth: 50 ft Historic depth to water: 45 ft Source: OSE record

Outer casing diam.: 3 ft. ~~in.~~ Inner diam.: _____ in. Stick-up height: ± _____ or - _____ ft

Date ^{dug} drilled: 1920 How is well used: livestock, domestic, irrigation, other _____

Water Level Measurement

Sonic (normal): 1) _____ ft 2) _____ ft 3) _____ ft

Sonic (deep): 1) _____ ft 2) _____ ft 3) _____ ft

Steel Tape:

1) Hold: _____ ft Cut: _____ ft DTW: _____ ft Notes: _____

2) Hold: _____ ft Cut: _____ ft DTW: _____ ft Notes: _____

3) Hold: _____ ft Cut: _____ ft DTW: _____ ft Notes: _____

4) Hold: _____ ft Cut: _____ ft DTW: _____ ft Notes: _____

5) Hold: _____ ft Cut: _____ ft DTW: _____ ft Notes: _____

E-Cable: 1) 19' 2.75" ft Notes: Using E-cable to also check well depth.

2) _____ ft Notes: _____

Static Water Level: _____ feet below land surface

Photos (closeup) frame #: _____ (overview) frame #: _____

Field Staff: P. Johnson, P. Bauer, Tom Caldwell (local resident)

Comments: Bottom of well is open to volcanic rocks, and water flows freely through it. Sample taken by rope and buckets.

Well Water Sample Collection Form

Project: Northern Taos Plateau wells Date: 6/4/09

Well ID: TC-233 Site Name: San Antonio Mtn well

Owner Name: _____ Time on site: _____

Weather: _____ Time off site: _____

Observations: 3'-diameter, hand-dug well at top of subdivision on east side of mtn.

Total Depth: 50 ft Depth to Water: 19' 2.75" ft Water Column: ~30' ft

Casing Diameter: _____ in. Casing Radius: _____ in. Wellbore Volume: _____ gal

Pump-on time: _____ Discharge Rate: _____ gpm Pump-off time: _____

Total Discharge: _____ gal Casing Volumes Pumped: _____

Describe sample method and plumbing: Bail sample with weighted bucket and rope. Sample taken from ~38' to 40' depth.

PURGE RECORD

Time	pH	Temp (°C)	Spec. Cond. (µs/cm)	Dissolved oxygen (ppm)	Remarks
	6.5	6.56	139	10.5	Measured from bucket sample.

SAMPLE RECORD

Sample ID	Time Collected	Sample Volume	Analysis	Preserved with	Filtered?	Notes
		500 mL	Gen Chem		No	} Three bottles filled from bail bucket.
		125 mL	Trace Metals	no acid	No	
		25 mL	Stable Isotopes		No	
		1000 mL	Tritium			
		1000 mL	C14			
		(3) 250 mL	CFCs			
		500 mL	Strontium			
		(2) Cu tubes	Noble gases			

Field Staff: P. Johnson, P. Bauer, Tom Caldwell (local resident)

Comments: Well is lined with mortared bricks, and unlined at bottom of well so ground water flows through well.

Well Inventory Form

Project: Northern Taos Plateau wells

Date: 6/5/09

Well ID: TC-234

Site Name: Schofield well

OSE Well Record ID: RG-34987

Other ID: TSWCD TP-02

Owner name: Rick Schofield (Kate)

Owner phone: (575) 758-3539

Location of site: Southwest corner of No Agua Peaks, just east of highway 285. Well located in small wooden shack.

Quad: La Segita Peaks

Sample Collected? Yes No

UTM (NAD27): 412690 E 4068982 N Elev: 8222 ft

Total depth: 650 ft Historic depth to water: 570 ft Source: OSE record

Outer casing diam.: 6 5/8 in. Inner diam.: 6 in. Stick-up height: + or - ft

Date drilled: 1980 How is well used: livestock domestic, irrigation, other _____

Water Level Measurement

Sonic (normal): 1) _____ ft 2) _____ ft 3) _____ ft

Sonic (deep): 1) _____ ft 2) _____ ft 3) _____ ft

Steel Tape:

1) Hold: _____ ft Cut: _____ ft DTW: _____ ft Notes: _____

2) Hold: _____ ft Cut: _____ ft DTW: _____ ft Notes: _____

3) Hold: _____ ft Cut: _____ ft DTW: _____ ft Notes: _____

4) Hold: _____ ft Cut: _____ ft DTW: _____ ft Notes: _____

5) Hold: _____ ft Cut: _____ ft DTW: _____ ft Notes: _____

E-Cable: 1) _____ ft Notes: _____

2) _____ ft Notes: _____

Static Water Level: _____ feet below land surface

Photos (closeup) frame #: _____ (overview) frame #: _____

Field Staff: P. Johnson, P. Bauer, Rick Schofield

Comments: Send chemistry results to: Rick Schofield
PO Box 82
Tres Piedras, NM 87577

TC-234 Schofield well

STATE ENGINEER OFFICE
WELL RECORD

TP-02

Section 1. GENERAL INFORMATION

(A) Owner of well Rick Schofield Owner's Well No. _____
Street or Post Office Address Star Rout Box 3
City and State Tres Piedras, New Mexico 87577

Well was drilled under Permit No. RG-34987 and is located in the:

- a. $\frac{1}{4}$ SE $\frac{1}{4}$ SW $\frac{1}{4}$ NW $\frac{1}{4}$ of Section 10 Township 29 N Range 9 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 _____ Grant.

(B) Drilling Contractor Shamrock Drilling Services, Inc. License No. WD-297

Address Rt. 1 Box 149 A Espanola, New Mexico 87532

Drilling Began Dec. 1, 1980 Completed Dec. 29, 1980 Type tools Cable Size of hole 6 5/8 in.

Elevation of land surface or _____ at well is _____ ft. Total depth of well 650 ft.

Completed well is shallow artesian. Depth to water upon completion of well 570 ft.

Section 2. PRINCIPAL WATER-BEARING STRATA

Depth in Feet		Thickness in Feet	Description of Water-Bearing Formation	Estimated Yield (gallons per minute)
From	To			
585	635 645	30 30	Perlite	

Section 3. RECORD OF CASING

Diameter (inches)	Pounds per foot	Threads per in.	Depth in Feet		Length (feet)	Type of Shoe	Perforations	
			Top	Bottom			From	To
6 5/8	13	Welded	0	650	650	welded	625	645
							600	615

Section 4. RECORD OF MUDDING AND CEMENTING

Depth in Feet		Hole Diameter	Sacks of Mud	Cubic Feet of Cement	Method of Placement
From	To				
		4 1/2 in.			

Section 5. PLUGGING RECORD

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

State Engineer Representative

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

FOR USE OF STATE ENGINEER ONLY

Date Received Dec. 31, 1980

Quad _____ FWL _____ FSL _____

File No. RG-34987

Use ~~XXXX~~ Livestock Location No. 29N.9E.10.134 (Taos)

Well Inventory Form

Project: Northern Taos Plateau wells

Date: 6/3/09

Well ID: TC - 235

Site Name: Punche Valley well, CO

OSE Well Record ID: _____

Other ID: _____

Owner name: _____

Owner phone: _____

Location of site: Well shown on 1967 Kiowa Hill 7.5-min quad in Colorado;

Punche Valley homestead/farm. Located east of Punche Valley Road.

Quad: Kiowa Hill, CO

Sample Collected? Yes No

UTM (NAD27): 430179 E 4097214 N Elev: 7574 on top resp ft

Total depth: ~110' ft Historic depth to water: _____ ft Source: _____

Outer casing diam.: 6 5/8" in. Inner diam.: _____ in. Stick-up height: \pm _____ or - _____ ft

Date drilled: _____ How is well used: livestock, domestic, irrigation, other Abandoned

Water Level Measurement

Sonic (normal): 1) _____ ft 2) _____ ft 3) _____ ft

Sonic (deep): 1) _____ ft 2) _____ ft 3) _____ ft

Steel Tape:

1) Hold: _____ ft Cut: _____ ft DTW: _____ ft Notes: _____

2) Hold: _____ ft Cut: _____ ft DTW: _____ ft Notes: _____

3) Hold: _____ ft Cut: _____ ft DTW: _____ ft Notes: _____

4) Hold: _____ ft Cut: _____ ft DTW: _____ ft Notes: _____

5) Hold: _____ ft Cut: _____ ft DTW: _____ ft Notes: _____

E-Cable: 1) ~110' ft Notes: Dry well, with moist sand at bottom.

2) _____ ft Notes: _____

Static Water Level: _____ feet below land surface

Photos (closeup) frame #: _____ (overview) frame #: _____

Field Staff: P. Johnson, P. Bauer

Comments: Large abandoned farming complex with large, eroded concrete footing remaining. Tobacco farm?

Well was blowing cold air.



TC-235 Punche Valley well

Well Inventory Form

Project: Northern Taos Plateau wells Date: 6/3/09

Well ID: TC-236 Site Name: Chiflo dam-site test hole R-12A

OSE Well Record ID: _____ Other ID: _____

Owner name: Original: USACE Owner phone: _____

Location of site: Located in Punche Valley, CO, just west of Punche Valley Road and south of Punche Arroyo.

This is Winograd well 32/11/18/220.

Quad: Kiowa Hill, CO Sample Collected? Yes No

UTM (NAD27): 428585 E 4096726 N Elev: 7590 ft

Total depth: 305 ft Historic depth to water: 204 ft Source: Winograd,

Outer casing diam.: 4 in. Inner diam.: _____ in. Stick-up height: \pm _____ or - _____ ft

Date drilled: 1946 How is well used: livestock, domestic, irrigation, other Abandoned

Water Level Measurement

Sonic (normal): 1) _____ ft 2) _____ ft 3) _____ ft

Sonic (deep): 1) _____ ft 2) _____ ft 3) _____ ft

Steel Tape:

1) Hold: _____ ft Cut: _____ ft DTW: _____ ft Notes: _____

2) Hold: _____ ft Cut: _____ ft DTW: _____ ft Notes: _____

3) Hold: _____ ft Cut: _____ ft DTW: _____ ft Notes: _____

4) Hold: _____ ft Cut: _____ ft DTW: _____ ft Notes: _____

5) Hold: _____ ft Cut: _____ ft DTW: _____ ft Notes: _____

E-Cable: 1) _____ ft Notes: _____

2) _____ ft Notes: _____

Static Water Level: _____ feet below land surface

Photos (closeup) frame #: _____ (overview) frame #: _____

Field Staff: P. Johnson, P. Bauer

Comments: When drilled in 1946, static water level was at 7386' elevation. Lith log reported in Winograd report. He reported that drillers found perched water at 99' and 107'.

From site visit, obstructions (T-post and rocks) block well at 7' down.

TC-236 Chiflo test hole R-12A well

Table 7. Logs of wells and dam-site test holes in the Sunshine Valley area, Taos County, N. Mex., and Costilla County, Colo. (continued)

Material	Thickness (feet)	Depth (feet)	Material	Thickness (feet)	Depth (feet)
1.74.25.430 Max West (continued)			1.74.30.111		
Sand, good	4	173	Silt and clay	16	84
Clay	3	176	Sand, little silt, little gravel	6	90
Sand, fine	4	180	Clay and silt	2	92
Clay, fine, sandy	11	191	Silt, some clay	1	93
Clay, brown, sandy	5	196	Sand, gravel, and boulders	2	95
Clay, gray, sandy	4	200	Rock; basalt, dark-gray to black, medium-hard to hard. Lost all drill water at 111 feet	141	236
Sand and gravel, good	10	210			
Clay	1	211			
Sand and gravel, good	13	224			
Clay	10	234			
Sand	6	240			
Clay	14	254			
Sand and gravel, packed, good	7	261			
Silt	6	267			
Sand, good	8	275			
Silt	4	279			
Clay	4	283			
Malpais rock	-	283			
1.74.30.111 Corps of Engineers, U.S. Army (Chiflo dam-site test hole R-13)			32.11.18.220 Corps of Engineers, U.S. Army (Chiflo dam-site test hole R-12A)		
Sand, little silt, little gravel	15	15	Silt; overburden	1.5	1.5
Clay, some silt	6	21	Basalt, dark-gray. Temporary loss of water at 68 feet and 73 feet. Permanent loss of water at 91 feet. Red clay pocket 36.9 feet to 37.1 feet. Perched water table at 99 feet and 107 feet	150.5	152
Sand, little gravel	6	27	Volcanic ash, silt, and sand	7	159
Silt, some clay, some sand	10	37	Basalt. With packer set at 165 feet, the water level dropped to 204 feet	53	212
Clay, some silt	10	47	Basalt and interbedded sedimentary deposits	41	253
Sand, little silt, little gravel	3	50	Clay and sand	25	278
Clay, some silt	8	58	Basalt	12	290
Sand and silt	2	60	Clay and sand, red	15	305
Silt, little clay, little sand	8	68			

Note: No water return reported between 109 and 154 feet.

Well Inventory Form

Project: Northern Taos Plateau Wells Date: 6/4/09

Well ID: TC - 237 Site Name: Saritas Well, CO

OSE Well Record ID: 112 858 A Other ID: _____

Owner name: BLM (La Jara office) Permittee is Carlos Garcia Owner phone: cell (719) 588-8701

Location of site: BLM Alta Lake Allotment, SE of Alta Lake Reservoir
(dry) on 1967 topo map.

Quad: Lobatos, CO Sample Collected? Yes No

UTM (NAD27): 416064 E 4096785 N Elev: ~7870' ft

Total depth: _____ ft Historic depth to water: _____ ft Source: _____

Outer casing diam.: 6 5/8 in. Inner diam.: _____ in. Stick-up height: ± _____ or - ft

Date drilled: _____ How is well used: livestock, domestic, irrigation, other Inactive

Water Level Measurement

Sonic (normal): 1) _____ ft 2) _____ ft 3) _____ ft

Sonic (deep): 1) _____ ft 2) _____ ft 3) _____ ft

Steel Tape:

1) Hold: _____ ft Cut: _____ ft DTW: _____ ft Notes: _____

2) Hold: _____ ft Cut: _____ ft DTW: _____ ft Notes: _____

3) Hold: _____ ft Cut: _____ ft DTW: _____ ft Notes: _____

4) Hold: _____ ft Cut: _____ ft DTW: _____ ft Notes: _____

5) Hold: _____ ft Cut: _____ ft DTW: _____ ft Notes: _____

E-Cable: 1) _____ ft Notes: _____

2) _____ ft Notes: _____

Static Water Level: _____ feet below land surface

Photos (closeup) frame #: _____ (overview) frame #: _____

Field Staff: P. Johnson, P. Bauer

Comments: Well head in locked steel box. Unable to open.

TC-237 Saritas well

WJL: 77

COLORADO DIVISION OF WATER RESOURCES

1313 Sherman Street - Room 818
Denver, Colorado 80203

RECEIVED

SEP 21 1982

THIS FORM MUST BE SUBMITTED
WITHIN 60 DAYS OF COMPLETION
OF THE WORK DESCRIBED HERE-
ON. TYPE OR PRINT IN BLACK
INK.

WELL COMPLETION AND PUMP INSTALLATION REPORT

WATER RESOURCES
STATE ENGINEER
DOLA

WATER DIVISION
STATE ENGINEER
DOLA

PERMIT NUMBER 112858-A

WELL OWNER U S BUREAU OF LAND MANAGEMENT

NE NW 13
¼ of the ¼ of Sec.

ADDRESS 3080 East main P.O. Box 311
CANON CITY, CO. 81212

T. 32 N. R. 9 E. NM P.A.

DATE COMPLETED 25 September 1982

HOLE DIAMETER

8 in. from 0 to 318 ft.

6 in. from 318 to 337 ft.

in. from to ft.

DRILLING METHOD Air Percussion

CASING RECORD: Plain Casing

Size 6 5/8 & kind Steel from +1 to 297 ft.

Size & kind from to ft.

Size & kind from to ft.

Perforated Casing

Size 6 5/8 & kind steel from 297 to 337 ft.

Size & kind from to ft.

Size & kind from to ft.

GROUTING RECORD

Material Cement

2-20'

Intervals

Placement Method poured

GRAVEL PACK: Size

Interval

TEST DATA

Date Tested 21 & 25 September, 1982

Static Water Level Prior to Test 297 ft.

Type of Test Pump bailer

Length of Test 4 hr

Sustained Yield (Metered) 20 GPM

Final Pumping Water Level 317

WELL LOG

From	To	Type and Color of Material	Water Loc.
0	25	grey broken rock	
25	26	open (cement)	
26	48	grey volcanic rock	
48	58	grey very loose rock	
58	92	grey solid rock	
92	96	very loose rock broken	
96	100	grey hard rock	
100	103	open (no cuttings)	
103	123	grey volcanic rock	
123	126	red sand	
126	143	grey solid rock	
143	160	red sand	
160	172	yellow sand	
172	210	light grey, very hard	
210	215	dark tan rock	
215	246	hard grey rock	
246	248	red sand	
248	280	grey loose and broken rock	
280	303	grey sand	297
303	305	loose rocks	
305	324	grey basalt	
324	337	grey sand	
(SARITAS)			
TOTAL DEPTH <u>337</u>			

Use additional pages necessary to complete log.

PUMP INSTALLATION REPORT

TC-237 Saritas well

Pump Make _____

Type _____

Powered by _____ HP

Pump Serial No. _____

Motor Serial No. _____

Date Installed _____

Pump Intake Depth _____

Remarks _____

WELL TEST DATA WITH PERMANENT PUMP

Date Tested _____

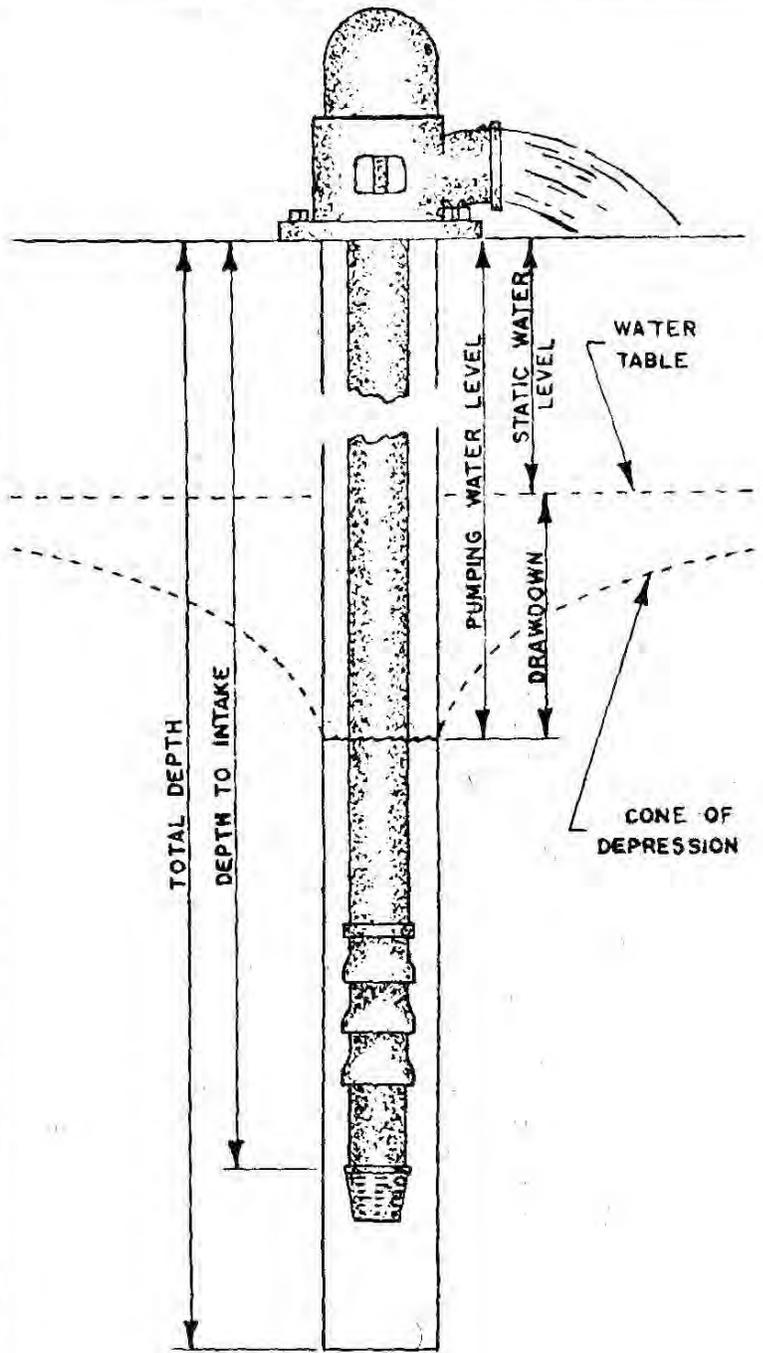
Static Water Level Prior to Test _____

Length of Test _____ Hours

Sustained yield (Metered) _____ GPM

Pumping Water Level _____

Remarks _____



CONTRACTORS STATEMENT

The undersigned, being duly sworn upon oath, deposes and says that he is the contractor of the well or pump installation described hereon; that he has read the statement made hereon; knows the content thereof, and that the same is true of his own knowledge.

Signature *John Young* License No. 997

State of Colorado, County of Prescott SS

Subscribed and sworn to before me this 18 day of October, 19 82

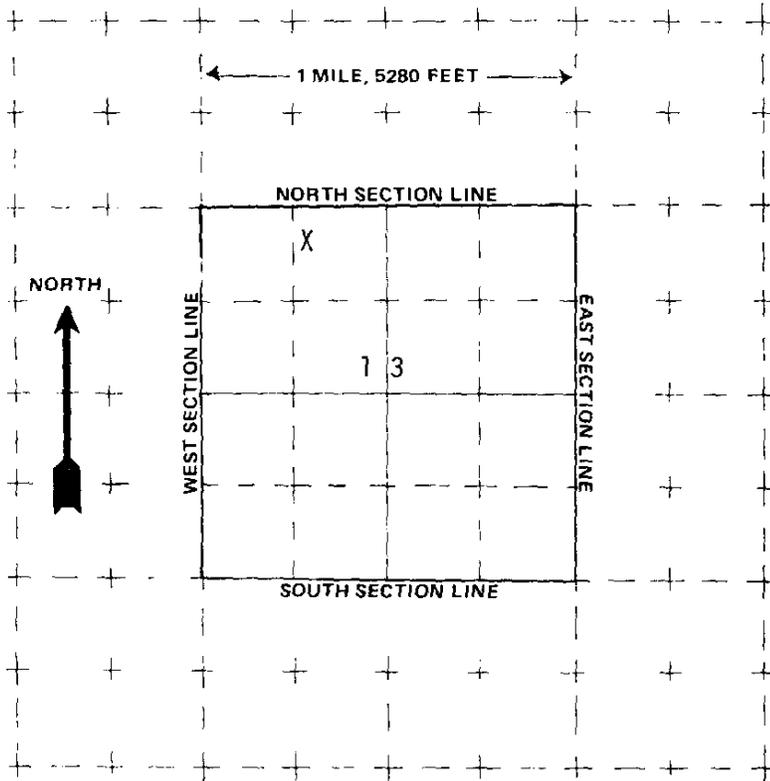
My Commission expires: December 8, 19 84

Notary Public Geraldine J. White

FORM TO BE MADE OUT IN QUADRUPPLICATE: WHITE FORM must be an original copy on both sides and signed. WHITE AND GREEN copies must be filed with the State Engineer. PINK COPY is for the Owner and YELLOW COPY is for the Driller.

TC-237 Saritas well

(5) **THE LOCATION OF THE PROPOSED WELL** and the area on which the water will be used must be indicated on the diagram below. Use the CENTER SECTION (1 section, 640 acres) for the well location.



The scale of the diagram is 2 inches = 1 mile
Each small square represents 40 acres.

WATER EQUIVALENTS TABLE (Rounded Figures)

- An acre-foot covers 1 acre of land 1 foot deep
- 1 cubic foot per second (cfs) . . . 449 gallons per minute (gpm)
- A family of 5 will require approximately 1 acre-foot of water per year.
- 1 acre-foot . . . 43,560 cubic feet . . . 325,900 gallons.
- 1,000 gpm pumped continuously for one day produces 4.42 acre-feet.

(6) **THE WELL MUST BE LOCATED BELOW** by distances from section lines.

640 ft. from North sec. line
(north or south)

1520 ft. from West sec. line
(east or west)

LOT _____ BLOCK _____ FILING # _____

SUBDIVISION _____

(7) **TRACT ON WHICH WELL WILL BE LOCATED** Owner: BLM

No. of acres 11,446 Will this be the only well on this tract? No - one of two

(8) **PROPOSED CASING PROGRAM**

Plain Casing

6 in. from 0 ft. to 150 ft.

6 in. from 150 ft. to 400 ft.
Perforated casing

_____ in. from _____ ft. to _____ ft.

_____ in. from _____ ft. to _____ ft.

(9) **FOR REPLACEMENT WELLS** give distance and direction from old well and plans for plugging it:

(10) **LAND ON WHICH GROUND WATER WILL BE USED:**

Owner(s): N.A. No. of acres: _____

Legal description: _____

(11) **DETAILED DESCRIPTION** of the use of ground water: Household use and domestic wells must indicate type of disposal system to be used.

To water 167 head of cattle for 3 months, 150 head of sheep for 2 weeks, and an unknown number of deer, elk, and antelope for 9 months.

(12) **OTHER WATER RIGHTS** used on this land, including wells. Give Registration and Water Court Case Numbers.

Type or right	Used for (purpose)	Description of land on which used
None		

(13) **THE APPLICANT(S) STATE(S) THAT THE INFORMATION SET FORTH HEREON IS TRUE TO THE BEST OF HIS KNOWLEDGE.**

Melvin D. Clausen

SIGNATURE OF APPLICANT(S)



TC-237 Saritas well

Well Inventory Form

Project: Northern Taos Plateau Wells Date: 6/4/09

Well ID: TC-238 Site Name: Alta Lake Well, CO

CO QSE Well Record ID: 112859A Other ID: _____

Owner name: BLM (La Jara office) Owner phone: _____

Location of site: San Antonio BLM Allotment. Located between highway 285 and Alta Lake (dry), just north of E-W fence.

Quad: Lobatos, CO Sample Collected? Yes No

UTM (NAD27): 411419 E 4098213 N Elev: ~7903 ft

Total depth: _____ ft Historic depth to water: _____ ft Source: _____

Outer casing diam.: _____ in. Inner diam.: _____ in. Stick-up height: \pm _____ or - _____ ft

Date drilled: _____ How is well used: livestock, domestic, irrigation, other Inactive

Water Level Measurement

Sonic (normal): 1) _____ ft 2) _____ ft 3) _____ ft

Sonic (deep): 1) _____ ft 2) _____ ft 3) _____ ft

Steel Tape:

- 1) Hold: _____ ft Cut: _____ ft DTW: _____ ft Notes: _____
- 2) Hold: _____ ft Cut: _____ ft DTW: _____ ft Notes: _____
- 3) Hold: _____ ft Cut: _____ ft DTW: _____ ft Notes: _____
- 4) Hold: _____ ft Cut: _____ ft DTW: _____ ft Notes: _____
- 5) Hold: _____ ft Cut: _____ ft DTW: _____ ft Notes: _____

E-Cable: 1) _____ ft Notes: _____
2) _____ ft Notes: _____

Static Water Level: _____ feet below land surface

Photos (closeup) frame #: _____ (overview) frame #: _____

Field Staff: P. Johnson, P. Bauer

Comments: Well head in locked steel box, Unable to open.

TC-238 Alta Lake well

U

3.10.20.77

COLORADO DIVISION OF WATER RESOURCES

1313 Sherman Street - Room 818
Denver, Colorado 80203

NOV 04 1982

THIS FORM MUST BE SUBMITTED
WITHIN 60 DAYS OF COMPLETION
OF THE WORK DESCRIBED HERE.
ON, TYPE OR PRINT IN BLACK
INK.

WELL COMPLETION AND PUMP INSTALLATION REPORT

PERMIT NUMBER 112859-A

STATE ENGINEER

WELL OWNER US BUREAU OF LAND MANAGEMENT

SE 1/4 of the NW 1/4 of Sec. 9

ADDRESS 3080 E Main, ANON CITY, CO. 81212

T 32 N R 9 E NM P.M.

DATE COMPLETED 16 September, 1982

HOLE DIAMETER

10 in. from 0 to 10 ft.

7 5/8 in. from 10 to 326 ft.

6 in. from 326 to 333 ft.

DRILLING METHOD air percussion

CASING RECORD: Plain Casing
Size 6 5/8 & kind steel from +1 to 313 ft.

Size _____ & kind _____ from _____ to _____ ft.

Size _____ & kind _____ from _____ to _____ ft.

Perforated Casing

Size 6 5/8 & kind steel from 313 to 333 ft.

Size _____ & kind _____ from _____ to _____ ft.

Size _____ & kind _____ from _____ to _____ ft.

GROUTING RECORD

Material cement

Intervals 2-15

Placement Method poured

GRAVEL PACK: Size _____

Interval _____

TEST DATA

Date Tested 16 September, 1982

Static Water Level Prior to Test 269 ft.

Type of Test Pump bailer

Length of Test 1/4 hr

Sustained Yield (Metered) 15 GPM

Final Pumping Water Level 290'

WELL LOG

From	To	Type and Color of Material	Water Loc.
0	54	dark grey volcanic rock	
54	56	broken and creviced	
56	65	red volcanic	
65	78	dark grey volcanic rock	
78	106	tan volcanic rock	
106	111	grey hard basalt	
111	138	red sand, gravel, trace of clay	
138	160	tan sand some clay	
160	240	red sand, gravel some clay	
240	250	brown sand	
250	255	dark brown gravel	
255	274	coarse reddish sand clay	
274	326	reddish brown sand and gravel	285
326	333	dark grey fine sand	
(ALTA LAKE)			
TOTAL DEPTH		<u>333</u>	

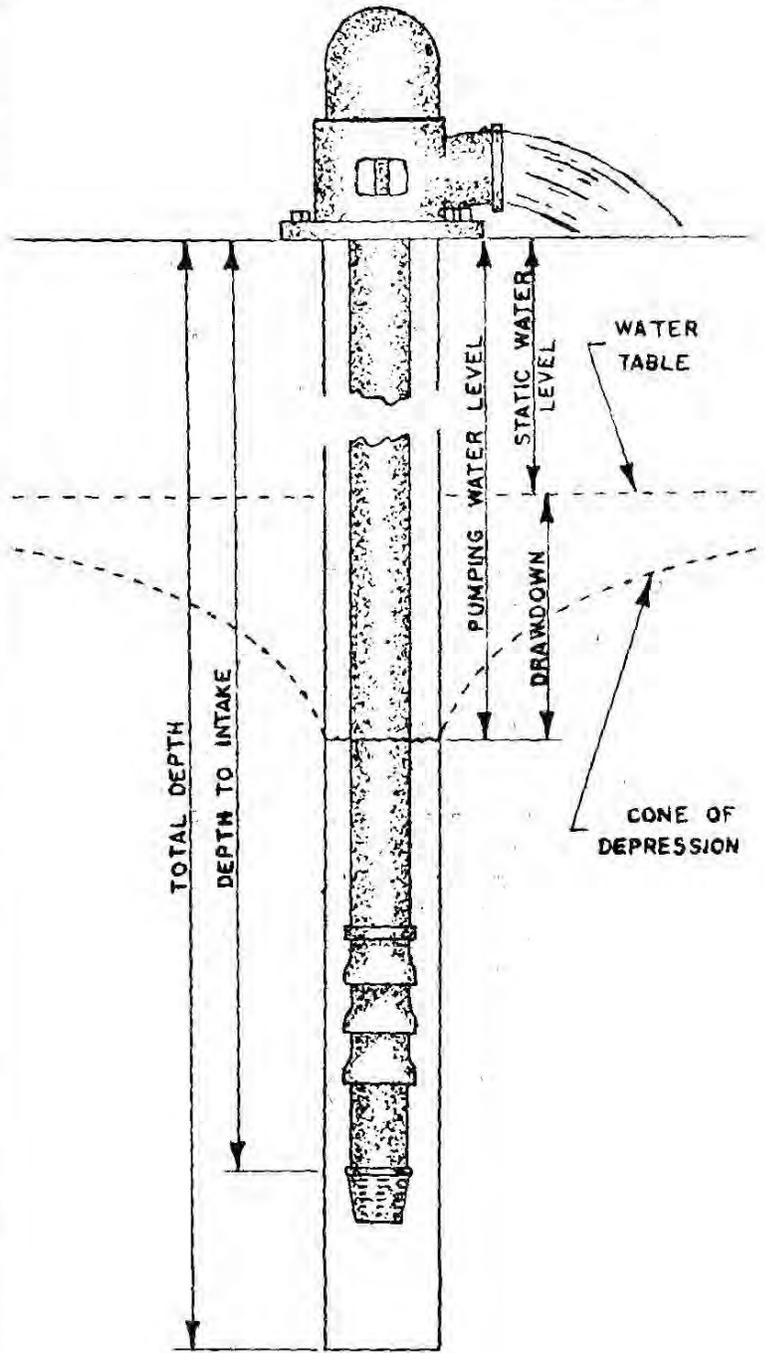
Use additional pages necessary to complete log.

PUMP INSTALLATION REPORT

Pump Make _____
 Type _____
 Powered by _____ HP
 Pump Serial No. _____
 Motor Serial No. _____
 Date Installed _____
 Pump Intake Depth _____
 Remarks _____

WELL TEST DATA WITH PERMANENT PUMP

Date Tested _____
 Static Water Level Prior to Test _____
 Length of Test _____ Hours
 Sustained yield (Metered) _____ GPM
 Pumping Water Level _____
 Remarks _____



CONTRACTORS STATEMENT

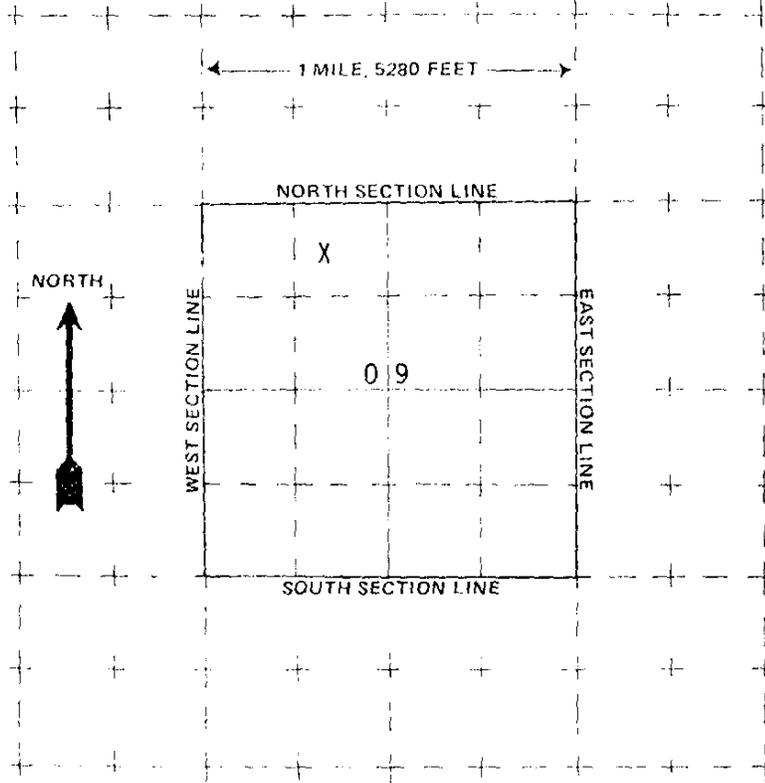
The undersigned, being duly sworn upon oath, deposes and says that he is the contractor of the well or pump installation described hereon; that he has read the statement made hereon; knows the content thereof, and that the same is true of his own knowledge.

Signature *John Young* License No. 997
 State of Colorado, County of Durango SS
 Subscribed and sworn to before me this 18 day of October, 1982.
 My Commission expires: December 8, 1984.
 Notary Public *Geraldine J. White*

FORM TO BE MADE OUT IN QUADRUPLICATE: WHITE FORM must be an original copy on both sides and signed. WHITE AND GREEN copies must be filed with the State Engineer. PINK COPY is for the Owner and YELLOW COPY is for the Driller.

TC-238 Alta Lake well

(5) THE LOCATION OF THE PROPOSED WELL and the area on which the water will be used must be indicated on the diagram below. Use the CENTER SECTION (1 section, 640 acres) for the well location.



The scale of the diagram is 2 inches = 1 mile
Each small square represents 40 acres.

WATER EQUIVALENTS TABLE (Rounded Figures)

- An acre-foot covers 1 acre of land 1 foot deep
- 1 cubic foot per second (cfs) . . . 449 gallons per minute (gpm)
- A family of 5 will require approximately 1 acre-foot of water per year.
- 1 acre-foot . . . 43,560 cubic feet . . . 325,900 gallons.
- 1,000 gpm pumped continuously for one day produces 4.42 acre-feet.

(6) THE WELL MUST BE LOCATED BELOW by distances from section lines.

2080 ft. from North sec. line
(north or south)

1840 ft. from West sec. line
(east or west)

LOT _____ BLOCK _____ FILING # _____
SUBDIVISION _____

(7) TRACT ON WHICH WELL WILL BE LOCATED Owner: BLM

No. of acres 11,446 Will this be the only well on this tract? No - one of two

(8) PROPOSED CASING PROGRAM

Plain Casing
6 in. from 0 ft. to 300 ft.
 _____ in. from _____ ft. to _____ ft.

Perforated casing
6 in. from 300 ft. to 400 ft.
 _____ in. from _____ ft. to _____ ft.

(9) FOR REPLACEMENT WELLS give distance and direction from old well and plans for plugging it:

(10) LAND ON WHICH GROUND WATER WILL BE USED:

Owner(s): N.A. No. of acres: _____

Legal description: _____

(11) DETAILED DESCRIPTION of the use of ground water: Household use and domestic wells must indicate type of disposal system to be used.

To water 167 head of cattle for 3 months, 150 head of sheep for 2 weeks, and an unknown number of deer, elk, and antelope for 9 months out of the year.

(12) OTHER WATER RIGHTS used on this land, including wells. Give Registration and Water Court Case Numbers.

Type or right	Used for (purpose)	Description of land on which used
None		

(13) THE APPLICANT(S) STATE(S) THAT THE INFORMATION SET FORTH HEREON IS TRUE TO THE BEST OF HIS KNOWLEDGE.

Melvin DeLaurer
SIGNATURE OF APPLICANT(S)



TC-238 Alta Lake well

TC-239 West of Twin Lakes well

WRJ-25-70

Index No.	85
IDWD	3-24
Use	2
Registered	

STATE OF COLORADO
DIVISION OF WATER RESOURCES
OFFICE OF THE STATE ENGINEER

MAP AND STATEMENT FOR WATER WELL FILING

PERMIT NUMBER 44478



STATE OF COLORADO) SS

CLAIMANT (s) Bureau of Land Management

WELL LOCATION

Conejos County

That the undersigned, Claimant, being duly sworn deposes and says that he or (they) is (are) the owned (s) of the well described here-on; the total number of acres of land irrigated from this well is

NE 1/4 of NE 1/4, sec. 22
T. 32N R. 10E, NM P.M.

_____ ; work was commenced on this well by

actual construction 29 day of March 1971;

the yield from said well is 20 (gpm), for which claim is hereby made for Livestock

purposes; that the average annual amount to be diverted is _____ acre-feet; and that the aforementioned statements are made and this map and statement are filed in compliance with the law.

X
Claimant (s)

3080 Main

Address Canon city Colo

Subscribed before me on this _____ day of _____, 19 _____

My Commission expires _____

Notary Public

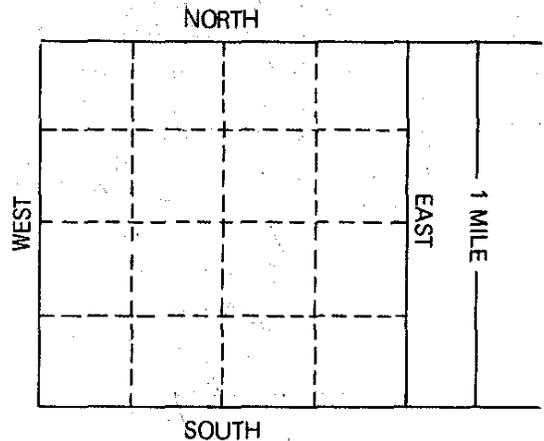
WELL DATA

Date Completed 4-21-71

Static Water Level 265

Total Depth 280

INDICATE WELL LOCATION ON DIAGRAM



WELL SHALL BE LOCATED WITH REFERENCE TO GOVERNMENT SURVEY CORNERS OR MONUMENTS, OR SECTION LINES BY DISTANCE AND BEARING.

_____ ft. from _____ section line.
(North or South)

_____ ft. from _____ section line.
(East or West)

Ground Water Basin _____

Water Management District _____

Domestic wells may be located by the following:

LOT _____, BLOCK _____

SUBDIVISION _____

FILING # _____

ACCEPTED FOR FILING IN THE OFFICE OF THE STATE ENGINEER OF COLORADO ON THIS _____ DAY OF _____, 19 _____.

State Engineer

FORM TO BE MADE OUT IN QUADRUPPLICATE: WHITE FORM MUST BE AN ORIGINAL COPY ON BOTH SIDES AND SIGNED. WHITE copy & GREEN copy must be filed with the State Engineer within 30 days after well is completed: PINK copy is for the Owner & YELLOW copy is for the Driller.

TC-239 West of Twin Lakes well

WELL LOG

From	To	Type & Color of Material	Water Loc.
0	1	Topsoil	
1	12	Lava Boulders Black	
12	18	Lava Rock Black	
18	33	Lava Black - hard	
33	39	Pumice - Red	
39	55	Lava Black crenies	
55	67	40 to 103 Lava Black - Hard	
67	71	Lava Black	
71	82	Lava Black - Hard	
82	99	Lava Black	
99	101	Lava Black - soft	
101	103	Lava Black - hard	
103	112	Lava Red	
112	119	Lava Black - Hard	
119	126	Lava Black	
126	140	Lava Red	
140	197	Lava Brown	
197	208	Lava Black - Hard	
208	214	clay	
214	228	Lava Black	
228	231	Lava Brown	
231	234	Pumice	
234	236	Lava Black	
236	249	clay red	
249	254	Lava Black	
254	263	clay red	
263	280	Lava Black	

Use additional paper if necessary to complete log.

WELL DATA

Type Drilling Cable Tool

HOLE DIAMETER:

7 3/4 in. from 0 ft. to 280 ft.

_____ in. from _____ ft. to _____ ft.

_____ in. from _____ ft. to _____ ft.

CASING RECORD

Plain Casing

Size 8, kind _____ from 0 ft. to 8 ft.

Size 6 7/8, kind _____ from 0 ft. to 265 ft.

Size _____, kind _____ from _____ ft. to _____ ft.

Perforated Casing

Size 6 5/8, kind _____ from 265 ft. to 280 ft.

Size _____, kind _____ from _____ ft. to _____ ft.

Size _____, kind _____ from _____ ft. to _____ ft.

GROUTING RECORD

Material _____

Intervals _____

Placement Method _____

GRAVEL PACK RECORD

Size _____ Interval _____

TEST DATA

Date Tested 4-21-71

Type of Pump Bailer

Length of Test 1 hr

Constant Yield 20

Drawdown 2

WELL DRILLERS STATEMENT

The undersigned, being duly sworn, deposes and says: he is the driller of the well hereon described; he has read the statement made hereon; knows the content thereof, and the same is true of his own knowledge.

X George M. Intz

License No. 221

State of Colorado, County of _____) ss

Subscribed and sworn to before me this _____ day of _____, 19____

My Commission expires _____, 19____

Notary Public

Well Inventory Form

Project: Taos Plateau Wells Date: 11/12/10

Well ID: TC-240 Site Name: Chiflo Well at BLM Wild Rivers Area

OSE Well Record ID: RG-17985 Other ID: TSWCD well CER-24

Owner name: BLM Owner phone: (575) 758-8851

Location of site: At Chiflo site at BLM Wild Rivers Recreation Area on western flank of Guadalupe Mountain.

Quad: Guadalupe Mountain Sample Collected? Yes No

UTM (NAD27): 439565 E 4066014 N Elev: 7500 ft

Total depth: 415 ft Historic depth to water: 344 ft Source: BLM records

Outer casing diam.: _____ in. Inner diam.: ~~8 1/2~~ 6 in. Stick-up height: +1.48 or - ft

Date drilled: 1972 How is well used: livestock, domestic, irrigation, other

Water Level Measurement

Sonic (normal): 1) _____ ft 2) _____ ft 3) _____ ft

Sonic (deep): 1) _____ ft 2) _____ ft 3) _____ ft

Steel Tape:

1) Hold: 370 ft Cut: 26.5 ft DTW: 343.58 ft Notes: _____

2) Hold: 362 ft Cut: 18.4 ft DTW: 343.59 ft Notes: _____

3) Hold: _____ ft Cut: _____ ft DTW: _____ ft Notes: _____

4) Hold: _____ ft Cut: _____ ft DTW: _____ ft Notes: _____

5) Hold: _____ ft Cut: _____ ft DTW: _____ ft Notes: _____

E-Cable: 1) _____ ft Notes: _____

2) _____ ft Notes: _____

Static Water Level: 7154.9 feet below land surface

Photos (closeup) frame #: Yes (overview) frame #: Yes

Field Staff: P. Johnson, P. Bauer, Herb Chavez, Joe Mancoline (NMED)

Comments:

TC-240

State N.M.
County TALAMON

RECORD OF WELL

1. Name of well: CHIFLO
 2. Name of site: RIO GRANDE GORGE WELLS
Site selected by NORM KING, USGS & FRED WYATT, BLM Date April 14
 3. Agency or owner: DON'T KNOW STATE OR BLM Address FN EXCHANGE
 4. Driller: PERRY BROTHERS DRILLING CO. Address 2728 RHODE ISLAND, N.E. ALBUQUERQUE, NEW MEXICO
 5. Type of drilling rig used: AIR ROTARY
 6. Date well started: SEPT. 1, 1972 Completed SEPT. 29 Well tested this date for flow
 7. Topographic setting: (In valley, on hill, etc.) APPROX. 1000 FEET FROM THE RIO GRANDE RIVER GORGE, NEAR THE FOOT OF A LOW HILL.
 8. Altitude of land surface: 7500 ft. Det. by QUADALUPE MOUNTAIN QUADRANT NEW MEXICO - TAMS CO.
 9. Total depth: 415 (+5 ft?) drilled Land surface 7.5 MIN. SERIES Top of casing
 10. Aquifer(s) and depths: 390 FEET BELOW TOP OF CASING
-
11. Static water level: 344 ft. below Land surface Top of casing
 12. Shut-in pressure: (Flowing well) N.A. psi Det. by _____
 13. Yield: _____ gpm after _____ hrs. Pumping Bailing Flowing
 14. Drawdown: 367 ft level after 1/4 hrs. discharging at 17
23' to 12'
329 ft. " after 1 hrs. discharging at 24
12' to 12'
391 ft. " after 1 hrs. discharging at 30 (pump limit)
 15. Quality of water: Color CLEAR Taste GOOD
Odor NONE Hardness NO TEST MADE
 16. Casing: Distance top above below land surface 2
Type BLACK STEEL Diam. 6" I.D. in. Wt. 18 lb/ft. Depth 0 ft. to 415
Type _____ Diam. _____ in. Wt. _____ Depth _____ ft. to _____
 17. Perforations: Type MACHINE CUT SLOTS Size 1/8" x 3"
Spacing 12 ROWS, 3" SPACE BETWEEN SLOTS Depth 391 ft. to 410
Spacing _____ Depth _____ ft. to _____
 18. Pump: Type NONE AT PRESENT Capacity _____ gpm Power _____
 19. Record by: JOHN M. BOWER Date OCTOBER 4, 1972
 20. Remarks: THE RATING OF THE WELL WAS AS FOLLOWS:
Used a 3 phase 5 H.P. submersible CAL PUMP, 1 1/4" gal. pipe, AND a battery operated electric probe to determine depth to water level. Well was pumped by Dave Massey of Albuquerque. The B.L.M. Inspector was John M. Bower. The probe was drilled through the casing, left in place.
15KW Portable Generator YMB

**Drillers Log for BLM Chiflo Well (TC-240) from Wild Rivers Recreation Area
(copied by P. Bauer from poor BLM copy of original drillers log)**

Top (ft)	Bottom (ft)	Rock Type	Color	Other Characteristics	Water Yield	Remarks	Interpretation of formation (P. Bauer, 2010)
0	15	Boulders	Black			Very hard to drill	Qfyv
15	70	Basalt	Black	Hard		Hard to drive 20 ft	Tdg
70	75	Basalt	Brown	Broken (Hard to clean hole)		8 ⁵ / ₈ casing in hole	Tb (or Tdg?)
25	86	Basalt	Black	Hard			Tdg
86	95	Basalt	Brown	Broken			
95	100	Basalt	Brown	Broken			
100	120	Basalt	Brown	Broken with some soil			
120	160	Basalt	Brown	Medium hard			
160	210	Basalt	Brown	Broken soft			
210	241	Basalt	Red	Soft			
241	304	Basalt	Red	Soft			
304	365	Basalt	Black	Hard			
365	395	Basalt	Brown	Broken		Water, apt 56 GPM	
395	420	Basalt	Black	Hard			
	TD at 420'						



TC-240 BLM Wild Rivers Chiflo Well Pumphouse



TC-240 BLM Wild Rivers Chiflo Well

TC-241

STATE ENGINEER OFFICE

WELL RECORD

76 JUN 2 AM 11 33

TC-241 Tom Bradley well

Section 1. GENERAL INFORMATION

(A) Owner of well Tom Bradley STATE ENGINEER OFFICE
 Street or Post Office Address Box 83172 Owner's Well No. Shirley Station
 City and State Essex, N. Mex.

Well was drilled under Permit No. special and is located in the:

- a. _____ ¼ _____ ¼ _____ ¼ _____ ¼ of Section _____ Township _____ Range _____ N.M.P.M.
- b. Tract No. _____ of Map No. _____ of the _____
- c. Lot No. 5 of Block No. 5 of the Sec 21 T29 N R9E
 Subdivision, recorded in _____ County.
- d. X= _____ feet, Y= _____ feet, N.M. Coordinate System _____ Zone in the _____ Grant.

(B) Drilling Contractor Robert Cook License No. W.D. - 579
 Address Box 819, Essex, N. Mex.
 Drilling Began 5/17/76 Completed 5/21/76 Type tools rotary Size of hole 9 in.
 Elevation of land surface or _____ at well is _____ ft. Total depth of well 730 ft.
 Completed well is shallow artesian. Depth to water upon completion of well 700 ft.

Section 2. PRINCIPAL WATER-BEARING STRATA

Depth in Feet		Thickness in Feet	Description of Water-Bearing Formation	Estimated Yield (gallons per minute)
From	To			
720	730	10	gravel	15 gpm

Section 3. RECORD OF CASING

Diameter (inches)	Pounds per foot	Threads per in.	Depth in Feet		Length (feet)	Type of Shoe	Perforations	
			Top	Bottom			From	To
6 5/8	14	male	0	430	430	none		
5 1/4	9	male	420	730	310	none	700	730

Section 4. RECORD OF MUDDING 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

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

FOR USE OF STATE ENGINEER ONLY

Date Received 6/2/76

Quad _____ FWL _____ FSL _____

File No. RG-27193 Use Dom. Location No. 29N.9E.21 Lot 5, Blk. 5

Handwritten notes

TC-243

RG-63610

Sherri Anderson
TP-21

STATE ENGINEER OFFICE
WELL RECORD

Revised June 1992

Section 1. GENERAL INFORMATION

Owner of well Sherri Anderson Owner's Well No. _____
 Street or Post Office Address Box 213
 City and State Tres Piedras NM 87577

Well was drilled under Permit No. RG-63610 and is located in the:
 a. S¹/₂ NW $\frac{1}{4}$ S¹/₂ NE $\frac{1}{4}$ SW $\frac{1}{4}$ of Section 1 Township 28N Range 10E N.M.P.S.
 b. Tract No. _____ of Map No. _____ of the _____
 c. Lot No. _____ of Block No. _____ of the _____
 Subdivisor, recorded in Taos County
 d. X = _____ feet, Y = _____ feet, N.M. Coordinate System _____ Zone in _____ Grant _____

Drilling Contractor Thompson Drilling Inc. License No. WD-622
 Address Rte. 5 Box 266 B. Santa Fe NM 87501
 Drilling Began 6/7/96 Completed 6/10/96 Type tools aerated mud Size of hole 7 7/8 in
 Elevation of G.S. surface or _____ at well in _____ Total depth of well 96' ft.
 Complete shall attest to _____ upon completion of well. 560 ft. NC

TC-243 Sherri Anderson well

Section 2. PRINCIPAL WATER-BEARING STRATA

Depth in Feet	Thickness in Feet	Description of Water-Bearing Formation	Estimated Yield (gallons per minute)
From 900 To 910	10	red sh.	

Section 3. RECORD OF CASING

Diameter (inches)	Points per foot	Material	Depth in feet		Type of Casing	Notes
			From	To		
4 1/2	10	steel	0	400		
4 1/2	10	steel	400	720		

Section 4. MUD LOGGING AND CEMENTING

Depth (feet)	Mud Log		Cement
	Yield (cu ft)	Color	

Section 5. PLUGGING RECORD

Drilling Contractor _____
 Plug Method _____
 Well Plugged _____
 Plug approved by _____
 State Engineer Representative _____

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

RG-63610

Depth in Feet		Thickness in Feet	Color and Type of Material Encountered
From	To		
0	190	190	black Basalt
190	200	10	red ash
200	320	120	brn tuff
320	380	60	volcanic gravel
380	640	260	brn tuff
640	760	120	white granite
760	780	20	black broken granite
780	900	120	white granite
900	910	10	red ash
910	960	50	white granite

900-
920 screen

TC-243 Sherri Anderson well

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 described hole



TC-243 Sherri Anderson well

WELL INFORMATION SHEET

WELL ID# TP ~~1021~~ 1021 DATE: 7.19.01

WELL LOCATION:

TOWNSHIP: 28N RANGE: 9E SECTION: 1 q 3 q 3 q 2

UTM: Easting 415 852 (m) Northing 4060361 (m)

X: _____ (ft) Y: _____ (ft)

LATITUDE: _____ LONGITUDE: _____

LAND SURFACE ELEVATION: 8060 (ft)

DEPTH TO WATER: 560 (ft)

WELL DEPTH: 960 (ft)

WATER LEVEL ELEVATION (ABOVE SEA LEVEL): 27500 (ft)

NM OFFICE OF STATE ENGINEER ID# OR OTHER DATA SOURCE: _____

DATA SOURCE FOR WATER LEVEL CALCULATION: Landowner's copy of Drilling Form

DATE FOR WATER LEVEL CALCULATION: 96

COMMENTS: _____

OWNER'S NAME: Sherri Anderson - Holly Walker

ADDRESS: (physical) P.O. Box 81

(mailing) Tres Pedras 87577

PHONE: _____

NAME OF DATA COLLECTOR: Katy

TC-244 George Smith well TP-04

STATE ENGINEER OFFICE WELL RECORD

Section 1. GENERAL INFORMATION

(A) Owner of well Carl Smith Owner's Well No. _____
Street or Post Office Address _____
City and State _____

Well was drilled under Permit No. RG-66248 and is located in the:

a. ²NE ⁴SE ¹NW ² of Section 22 Township 29N Range 9E N.M.P.M.

b. Tract No. _____ of Map No. _____ of the _____

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

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

(B) Drilling Contractor Rocky Mountain Drilling Inc License No. WD-841

Address _____

Drilling Began 1-7-97 Completed 1-20-97 Type tools Mud Rotary Size of hole 8 3/4 in.

Elevation of land surface or _____ at well is _____ ft. Total depth of well 700' ft.

Completed well is shallow artesian. Depth to water upon completion of well 619' ft.

Section 2. PRINCIPAL WATER-BEARING STRATA

Depth in Feet		Thickness in Feet	Description of Water-Bearing Formation	Estimated Yield (gallons per minute)
From	To			
630	650	20	Fine Water Sand	20

Section 3. RECORD OF CASING

Diameter (inches)	Pounds per foot	Threads per in.	Depth in Feet		Length (feet)	Type of Shoe	Perforations	
			Top	Bottom			From	To
6 5/8 OD	0.188	Weld	+2	700	702	C	630	690

Section 4. RECORD OF MUDDING 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: _____

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

State Engineer Representative

Date Received 2-20-98 FOR USE OF STATE ENGINEER ONLY

Quad _____ FWL _____ FSL _____

File No. RG-66248 Use Dom Location No. 29N.09E.22.142

STATE ENGINEER OFFICE
98 APR - 6 PM 3:21
98 FEB 20 PM 1:20

TC-245 Jack Kessler well STATE ENGINEER OFFICE WELL RECORD

Section 1. GENERAL INFORMATION

(A) Owner of well Jack Kessler Owner's Well No. _____
Street or Post Office Address 6161 NDCBU
City and State Taos, NM. 87571

Well was drilled under Permit No. RG-71541 and is located in the:

- a. $\frac{1}{4}$ SE $\frac{1}{4}$ NW $\frac{1}{4}$ NW $\frac{1}{4}$ of Section 25 Township 29N Range 11E N.M.P.M. in Taos County.
- 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 Rodney's Drilling License No. WD-1277

Address RT. 1 Box 6 Embudo, NM. 87531

Drilling Began 1-2-03 Completed 1-10-03 Type tools rotary air Size of hole 6 1/2 in.

Elevation of land surface or _____ at well is _____ ft. Total depth of well 430 ft.

Completed well is shallow artesian. Depth to water upon completion of well 400 ft.

Section 2. PRINCIPAL WATER-BEARING STRATA

Depth in Feet		Thickness in Feet	Description of Water-Bearing Formation	Estimated Yield (gallons per minute)
From	To			
400	430	30	decomposed basalt and sand	7

2008 FEB -3 AM 11:46
OFFICE OF STATE ENGINEER
SANTA FE NEW MEXICO

Section 3. RECORD OF CASING

Diameter (inches)	Pounds per foot	Threads per in.	Depth in Feet		Length (feet)	Type of Shoe	Perforations	
			Top	Bottom			From	To
5 od	2.28		0	430	430	none	400	430

Section 4. RECORD OF MUDDING AND CEMENTING

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

03 JAN 22 PM 3:49
STATE ENGINEER
SANTA FE NEW MEXICO

Section 5. PLUGGING RECORD

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

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

State Engineer Representative

FOR USE OF STATE ENGINEER ONLY

Date Received 12203 Quad _____ FWL _____ FSL _____

File No. RG 71541 Use _____ Location No. _____

Tran # 253031

TC-246 Carl Bradley well

RG-72733

Revised June 1972

190836

STATE ENGINEER OFFICE WELL RECORD

TP-03

Section 1. GENERAL INFORMATION

(A) Owner of well Carl Bradley Owner's Well No. RG 72733
 Street or Post Office Address P.O. Box 110
 City and State Tres Picos NM 87577

Well was drilled under Permit No. RG 72733 and is located in the:

- a. SE $\frac{1}{4}$ NW $\frac{1}{4}$ NW $\frac{1}{4}$ of Section 22 Township 29N Range 09E N.M.P.M.
 b. Tract No. _____ of Map No. _____ of the _____
 c. Lot No. _____ of Block No. _____ of the _____
 Subdivision, recorded in Rio Arriba County.
 d. X= _____ feet, Y= _____ feet, N.M. Coordinate System _____ Zone in
 the _____ Grant.

(B) Drilling Contractor RWC Enterprises License No. D1494

Address Rt 4 Box 21F, Hernandez NM 87537

Drilling Began 10/16/00 Completed 11/1/00 Type tools Rotary Size of hole 7 7/8 in.

Elevation of land surface or _____ at well is 9,000 ft. Total depth of well 860 ft.

Completed well is shallow artesian. Depth to water upon completion of well 687 ft.

Section 2. PRINCIPAL WATER-BEARING STRATA

Depth in Feet		Thickness in Feet	Description of Water-Bearing Formation	Estimated Yield (gallons per minute)
From	To			
800	860	60	Basalt with cinder layers	35

Section 3. RECORD OF CASING

Diameter (inches)	Pounds per foot	Threads per in.	Depth in Feet		Length (feet)	Type of Shoe	Perforations	
			Top	Bottom			From	To
4 1/2	2.9	6/16	0	860	860	—	800	860

Section 4. RECORD OF MUDDING AND CEMENTING

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

Section 5. PLUGGING RECORD

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

State Engineer Representative

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

FOR USE OF STATE ENGINEER ONLY

Date Received 1-8-01

Quad _____ FWL _____ FSL _____

File No. RG 72733 Use Dom Location No. 29N.09E.22.1

STATE ENGINEER OFFICE
 ALBUQUERQUE, NEW MEXICO
 01 JAN -8 PM 3:13

STATE ENGINEER OFFICE
WELL RECORD

Harold K. Hartell

Section 1. GENERAL INFORMATION

(A) Owner of well Harold K. Hartell Owner's Well No. RG80377
Street or Post Office Address 1400 Marshall Vista St.
City and State Esperanza NM

Well was drilled under Permit No. RG80377 and is located in the:
1. SE 1/4 SE 1/4 SE 1/4 of Section 21 Township 29N Range 09E N.M.P.M.
2. Tract No. _____ of Map No. _____ of the _____
3. Lot No. _____ of Block No. _____ of the _____
Subdivision, recorded in _____ County.
4. 7th _____ East, T^h _____ Foot, N.M. Coordinate System. Zone in the _____

(B) Drilling Contractor R.W.C. Enterprises License No. LD11494
Address Rt 4, Box 21E, Hernandez NM 87507
Drilling Began 4/2/04 Completed 4/2/04 Type well Rotary Size of hole 7 7/8
Elevation of land surface at _____ ft. Total depth of well 800
Completed well to shallow artesian. Depth to water upon completion of well 661

Section 2. PRINCIPAL WATER-BEARING STRATA

Depth in Feet		Thickness in Feet	Description of Water-bearing Formation	Estimated Yield (gallons per minute)
From	To			
760	800	40	Basalt	25

Section 3. RECORD OF CASING

Diameter (Inches)	Threads per Foot	Threads per In.	Depth in Feet		Length (Feet)	Type of Case	Production	
			Top	Bottom			From	To
6 5/8	12.92	Weld	0	800	800	-	760	800

Section 4. RECORD OF MUDDING AND CEMENTING

Depth in Feet		Size Diameter	Kinds of Mud	Cement Port of Cement	Method of Placement
From	To				

Section 5. FLAGGING RECORD

Flagging Contractor _____
Address _____
Flagging Method _____
Date Well Flagged _____
Flagging approved by: _____
State Engineer Representative

No.	Depth in Feet		Cable Foot of Cement
	Top	Bottom	
1			
2			
3			
4			

FOR USE OF STATE ENGINEERS ONLY

Date Received _____
Dial _____ P.M. _____ P.M.
File No. RG-80377 (to) _____ Location No. _____
TRW 271580

STATE ENGINEER OFFICE
SANTA FE, NEW MEXICO

STATE ENGINEER OFFICE
ALBUQUERQUE, NEW MEXICO

STATE ENGINEER OFFICE
WELL RECORD

Section 1. GENERAL INFORMATION

(A) Owner of well Jessie Medina Owner's Well No. _____
Street or Post Office Address 5300 Beebe St NE
City and State Albuquerque, NM 87111

Well was drilled under Permit No. RG-83402 and is located in the:

- a. SW ¼ NE ¼ NE ¼ _____ ¼ of Section 14 Township 28N 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 Taos County.
- d. X= _____ feet, Y= _____ feet, N.M. Coordinate System _____ Zone in the _____ Grant.

(B) Drilling Contractor Dennisson Drilling License No. WD-49
Address P.O. Box 86 Stanley, NM 87056

Drilling Began 07/08/05 Completed 09/13/05 Type tools Rotary Size of hole 8 in.
Elevation of land surface or _____ at well is _____ ft. Total depth of well 880 ft.
Completed well is shallow artesian. Depth to water upon completion of well 620 ft.

Section 2. PRINCIPAL WATER-BEARING STRATA

Depth in Feet		Thickness in Feet	Description of Water-Bearing Formation	Estimated Yield (gallons per minute)
From	To			
700	880	180	Black Malipe	20

Section 3. RECORD OF CASING

Diameter (inches)	Pounds per foot	Threads per in.	Depth in Feet		Length (feet)	Type of Shoe	Perforations	
			Top	Bottom			From	To
8 5/8"	Steel	(Surface Casing)	0	530	530			
6 5/8"	Steel		500	880	380	Weld on	760	880

Section 4. RECORD OF MUDDING 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

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

FOR USE OF STATE ENGINEER ONLY

Date Received _____ Quad _____ FWL _____ FSL _____
File No. RG-83402 Use _____ Location No. _____
TRW-312306

OFFICE OF STATE ENGINEER
 SANTA FE, NEW MEXICO
 2005 SEP 20 AM 10:26

Well Inventory Form

Project: Taos Plateau Wells

Date: 11/12/10

Well ID: TC-249

Site Name: Headquarters/Visitors Center, Wild Rivers BLM

OSE Well Record ID: _____

Other ID: TSWCD well CER-23

Owner name: BLM

Owner phone: (575) 758-8851

Location of site: At Visitors Center in BLM Wild Rivers Recreation Area on SW flank of Guadalupe Mountain.

Quad: Guadalupe Mountain

Sample Collected? Yes No

UTM (NAD27): 439956 E 4059598 N Elev: 7586 ft

Total depth: ~~550~~⁵⁴⁶ ft Historic depth to water: ~~485~~⁴⁸⁷ ft Source: USGS database

Outer casing diam.: ~~7~~ in. Inner diam.: 8 1/8 in. Stick-up height: +1.21 or - ft

Date drilled: 1972 How is well used: livestock, domestic, irrigation, other

Water Level Measurement

Sonic (normal): 1) _____ ft 2) _____ ft 3) _____ ft

Sonic (deep): 1) _____ ft 2) _____ ft 3) _____ ft

Steel Tape:

1) Hold: 500 ft Cut: 13.45 ft DTW: 486.55 ft Notes: _____

2) Hold: _____ ft Cut: _____ ft DTW: _____ ft Notes: _____

3) Hold: _____ ft Cut: _____ ft DTW: _____ ft Notes: _____

4) Hold: _____ ft Cut: _____ ft DTW: _____ ft Notes: _____

5) Hold: _____ ft Cut: _____ ft DTW: _____ ft Notes: _____

E-Cable: 1) _____ ft Notes: _____

2) _____ ft Notes: _____

Static Water Level: 7098.5 feet below land surface

Photos (closeup) frame #: _____ (overview) frame #: _____

Field Staff: P. Johnson, P. Bauer, H. Chavez, Chevron staff

Comments: Well is screened from 513 to 536 ft.
No drillers log found at BLM or USGS.