T-4770
TRN-322178

File Number: T-04770

NEW MEXICO OFFICE OF THE STATE ENGINEER
WELL RECORD

1. OWNER OF WELL

Name: Jack and Sharon Hefker
Contact: _____
Address: PO Box 131
City: Carrizozo State: NM Zip: 88301

Work Phone: _____
Home Phone: _____

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

A. __1/4 NW 1/4 NW 1/4 Section: 34 Township: 7S Range: 10E
N.M.P.M. in Lincoln County.

B. X = _____ feet, Y = _____ feet, N.M. Coordinate System
_____ Zone in the _____ Grant.
U.S.G.S. Quad Map _____

C. Latitude: _____d _____m _____s Longitude: _____d _____m _____s

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

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

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

G. Other: _____

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

I. On land owned by (required): Self

3. DRILLING CONTRACTOR

License Number: WD-1453
Name: Hydrotech Drilling
Agent: Joseph or Kimberly Skaggs
Mailing Address: 21 Prairie Trail
City: Tularosa State: NM Zip: 88352

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

4. DRILLING RECORD

Drilling began: 2/21/2005; Completed: 2/21/2005; Type tools: Rotary Air;
Size of hole: 7 7/8 in.; Total depth of well: 100 ft.; Completed well is: Shallow (shallow, artesian);
Depth to water upon completion of well: 50 ft.

File Number: April 15, 2005
Form: wr-20

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5. PRINCIPAL WATER-BEARING STRATA

Depth in Feet From	To	Thickness in feet	Description of water-bearing formation	Estimated Yield (GPM)
50	51	1	Fractured Limestone	20
80	82	2	Fractured Limestone Conglomerate	20

6. RECORD OF CASING

Diameter (inches)	Pounds per ft.	Threads per in.	Depth in Feet Top	Bottom	Length (feet)	Type of Shoe	Perforations From	To
5	PVC	PVC	0	100	100		60	100

7. RECORD OF MUDDING AND CEMENTING

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

8. PLUGGING RECORD

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

Plugging approved by: _____
State Engineer Representative

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

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9. LOG OF HOLE

Depth in Feet From	To	Thickness in feet	Color and Type of Material Encountered
0	20	20	Alluvial Fill
20	50	30	Yellow to Brown Limestone
50	51	1	Fractured Limestone
51	80	29	Grey to Brown Limestone
80	82	2	Fractured Limestone Conglomerate
82	100	18	Grey to Brown Limestone

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10. ADDITIONAL STATEMENTS OR EXPLANATIONS:

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

Joe Skaggs
Driller

3-21-05
(mm/dd/year)

FOR STATE ENGINEER USE ONLY

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

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John R. D Antonio, Jr., P.E.
State Engineer

Las Cruces Office
1680 HICKORY LOOP, SUITE J
LAS CRUCES, NM 88005

STATE OF NEW MEXICO
OFFICE OF THE STATE ENGINEER

Trn Nbr: 322178
File Nbr: T 04770
Well File Nbr: T 04770

Apr. 15, 2005

JACK R. HEFKER
BX 131
CARRIZOZO, NM 88301

Greetings:

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

Sincerely,

Debbie Heredia
(505)524-6161

Enclosure
cc: Santa Fe Office

wellrrcv