

File Number: H-3166 2-11410
5

Received: December 28, 2000

**NEW MEXICO STATE ENGINEER OFFICE
APPLICATION TO APPROPRIATE UNDERGROUND WATERS
IN ACCORDANCE WITH SECTION 72-12-1 NEW MEXICO STATUTES**

1. APPLICANT

Name: JACK S. & IRENE WHARTON Work Phone: 505-526-5767
Contact: _____ Home Phone: 505-525-1160
Address: 921 JANA CT.
City: LAS CRUCES State: NM Zip: 88005

2. LOCATION OF WELL (E thru H optional)

A. NE 1/4 SW 1/4 SW 1/4 Section: 23 Township: 10 S Range: 13 E 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. Give State Engineer File Number if existing well: _____

D. On land owned by: JACK S. & IRENE WHARTON

E. Tract No. 191, Map No. _____ of the BOOK # 1996-1 pg. 676

F. Lot No. 191, Block No. _____ of Unit/Tract TWO of the
RANCHES OF SOUTERRA Subdivision recorded in LINCOLN County.

G. Latitude: N 89° 09' 57" W Longitude: 37° 15' W 2563.62
1321.59'

H. Other: _____

3. USE OF WATER (check use applied for)

One household, non-commercial trees, lawn and garden not to exceed a total of one acre.

Livestock watering.

Note: If any of the following items are marked, give the name and nature of business or use under item 5 of the additional statements or explanations section.

More than one household, non-commercial trees, lawns and gardens not to exceed a total of one acre.

Drinking and sanitary purposes and the irrigation of non-commercial trees, shrubs and lawns not to exceed one acre in conjunction with a commercial operation.

Prospecting, mining or drilling operations to discover or develop natural resources.

Construction of public works, highways and roads.

Trn Desc: _____
Log Due Date: 01-03-2002
Form: wr-01

File Number: H-3166
Trn Number: 201659

"SEE ATTACHMENT"

WR Filed: _____

NO LATE FEE 12/29/00

File Number: H-3166

NEW MEXICO STATE ENGINEER OFFICE
APPLICATION TO APPROPRIATE UNDERGROUND WATERS
IN ACCORDANCE WITH SECTION 72-12-1 NEW MEXICO STATUTES

4. WELL INFORMATION (Change, Repair, Drill, Test, Supplement)

Name of well driller and driller license number:

K.D. HUEY Co. WD 48
Approximate depth 400 feet; Outside diameter of casing 5 1/2 inches.

Change Location of existing well or replacement well

Repair or Deepen:

Clean out well to original depth

Deepen well from _____ to _____ feet

Other _____

Drill and test a well for _____ use.

Supplemental well

5. ADDITIONAL STATEMENTS OR EXPLANATIONS:

ACKNOWLEDGEMENT FOR NATURAL PERSONS

I, JACK S. WHARTON affirm that the foregoing statements are true to
(Please Print)

the best of my knowledge and belief, By: _____

Jack S. Wharton
Signature

Jack S. Wharton
Signature

Trn Desc: _____
Log Due Date: 01-03-2002
Form: wr-01

File Number: H-3166
Trn Number: 201659

**NEW MEXICO STATE ENGINEER OFFICE
APPLICATION FOR PERMIT TO USE UNDERGROUND WATERS
IN ACCORDANCE WITH SECTION 72-12-1 NEW MEXICO STATUTES**

GENERAL CONDITIONS OF APPROVAL (A thru I)

- A The maximum amount of water that may be appropriated under this permit is 3 acre-feet in any year.
- B The well shall be drilled by a driller licensed in the State of New Mexico in accordance with Section 72-12-12 New Mexico Statutes Annotated. A licensed driller shall not be required for the construction of a driven well; provided, that the casing shall not exceed two and three-eighths (2 3/8) inches outside diameter (Section 72-12-12).
- C Driller's well record must be filed with the State Engineer within 10 days after the well is drilled or driven. Well record forms will be provided by the State Engineer upon request.
- D The casing shall not exceed 7 inches outside diameter except under specific conditions in which reasons satisfactory to the State Engineer are shown.
- E If the well under this permit is used at any time to serve more than one household or livestock in a commercial feed lot operation, or for drinking and sanitation purposes in conjunction with a commercial operation, the permittee shall notify the State Engineer Office in writing.
- F In the event this well is combined with other wells permitted under Section 72-12-1 New Mexico Statutes Annotated, the total outdoor use shall not exceed the irrigation of one acre of non-commercial trees, lawn, and garden, or the equivalent outside consumptive use, and the total appropriation for household and outdoor use from the entire water distribution system shall not exceed 3 acre-feet in any year.
- G If artesian water is encountered, all rules and regulations pertaining to the drilling and casing of artesian wells shall be complied with.
- H The amount and uses of water permitted under this Application are subject to such limitations as may be imposed by the courts or by lawful municipal and county ordinances which are more restrictive than applicable State Engineer Regulations and the conditions of this permit.

Trn Desc: H 03166
Log Due Date: 01/03/2002
Form: wr-01

File Number: H 03166
Trn Number: 201659

NEW MEXICO STATE ENGINEER OFFICE
APPLICATION FOR PERMIT TO USE UNDERGROUND WATERS
IN ACCORDANCE WITH SECTION 72-12-1 NEW MEXICO STATUTES

GENERAL CONDITIONS OF APPROVAL (Continued)

- I The permittee shall utilize the highest and best technology available to ensure conservation of water to the maximum extent practical.

SPECIFIC CONDITIONS OF APPROVAL

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

LOG This permit will automatically expire unless the well H 03166 is completed and the well record filed on or before 01/03/2002.

ACTION OF STATE ENGINEER

This application is approved for the use indicated, subject to all general conditions and to specific conditions listed above.

Witness my hand and seal this 03 day of Jan A.D., 2001

Thomas C. Turney State Engineer

By:

Jalayne Spivey

Trn Desc: H 03166
Log Due Date: 01/03/2002
Form: wr-01

File Number: H 03166
Trn Number: 201659

SF

Thomas C. Turney
State Engineer



Roswell Office
1900 WEST SECOND STREET
ROSWELL, NM 88201

**STATE OF NEW MEXICO
OFFICE OF THE STATE ENGINEER**

Trn Nbr: 201659
File Nbr: H 03166

Jan. 03, 2001

JACK S. AND IRENE WHARTON
921 JANA CT.
LAS CRUCES, NM 88005

Greetings:

Enclosed is your copy of the 72-12-1 Permit which has been approved. Your attention is called to the Specific and the General Conditions of Approval of this permit.

In accordance with General Condition C, a well record shall be filed in this office within ten (10) days after completion of drilling. The well record is proof of completion of the well. IT IS YOUR RESPONSIBILITY TO ASSURE THAT THE WELL LOG BE FILED WITHIN 10 DAYS OF DRILLING THE WELL.

This permit will expire on or before 01/03/2002, unless the well has been drilled and the well log filed in this office.

Sincerely,

Theresa Grandjean
for Malayne Spivey
(505) 622-6467

Enclosure

cc: Santa Fe Office

wr_01app



rans. # 201659
Revised June 1972

STATE ENGINEER OFFICE WELL RECORD

Section 1. GENERAL INFORMATION

(A) Owner of well Jack and Irene Wharton Owner's Well No. _____
Street or Post Office Address 921 Jarra Court
City and State Las Cruces, NM 88505

Well was drilled under Permit No. H-3166 and is located in the:
a. 1/4 NE 1/4 SW 1/4 SW 1/4 of Section 23 Township 10S Range 13E N.M.P.M.

b. Tract No. _____ of Map No. _____ of the _____

c. Lot No. 191 of Block No. Unit II of the Ranches of Sonterra
Subdivision, recorded in Lincoln County.

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

(B) Drilling Contractor K. D. HUEY CO. License No. WD 68
Address Capitan, NM 88316-0488

Drilling Began 1-02-01 Completed 1-05-01 Type tools Air Rotary Size of hole 7 in.

Elevation of land surface or _____ at well is _____ ft. Total depth of well 125 ft.

Completed well is shallow artesian. Depth to water upon completion of well 16 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			
40	56	16	Gray Shale and Sandstone	15
110			Green Shale	10

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 1/2 OD SDR 21 Certalok			0	125	125	None	40	60
							100	120
8 5/8" OD 16.90	PE		0	37	37	None	None	

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 02-22-2001 Quad _____ FWL _____ FSL _____
File No. H-3166 Use Domestic Location No. 10S.13E.23.332

STATE ENGINEER OFFICE
FOR RECORD
FEB 22 AM 11:32

Section 6. LOG OF HOLE

Depth in Feet		Thickness in Feet	Color and Type of Material Encountered
From	To		
0	16	16	Top Soil / Brown Clay
16	36	20	Broken Gravely Yellow Shale and Sandstone
36	56	20	Gray Shale and Gray Sandstone
56	85	29	Green Shale w/ Gray Sandstone
85	92	7	Gray to Black Sandy Shale
92	125	33	Green Shale

Section 7. REMARKS AND ADDITIONAL INFORMATION

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

Jenneth D. Healy

 Driller

INSTRUCTIONS: This form should be executed in triplicate, preferably typewritten, and submitted to the appropriate district office of the State Engineer. All questions, 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 5 and Section 6 need be completed.