

STATE ENGINEER OFFICE
WELL RECORD

Section 1. GENERAL INFORMATION

(A) Owner of well Frank J. Crews Jr Owner's Well No. _____
Street or Post Office Address P.O. Box 1255
City and State Rancho de Taos Nm 87557

Well was drilled under Permit No. RG 68552 and is located in the:

_____ 1/4 _____ 1/4 _____ 1/4 _____ 1/4 of Section _____ Township _____ Range _____ N.M.P.A.

_____ of Map No. _____ of the _____

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

X = 693,500 feet, Y = 1,941,000 feet, N.M. Coordinate System Central Zone in
the Rancho Del Rio Grande Grant.

(B) Drilling Contractor Fennell Drilling Co License No. WD987

Address P.O. Box 480 Arroyo Hondo Nm 87513

Drilling Began 11-10-97 Completed 11-25-97 Type tools rotary Size of hole 6 3/4 in.

Elevation of land surface or _____ at well is _____ ft. Total depth of well 420 ft.

Completed well is shallow artesian. Depth to water upon completion of well 60 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			
<u>360</u>	<u>400</u>	<u>40</u>	<u>Limestone</u>	<u>20</u>

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
<u>5" OD</u>	<u>Pvc</u>		<u>0</u>	<u>420</u>	<u>420</u>		<u>360</u>	<u>400</u>

Section 4. RECORD OF MUDDING AND CEMENTING

Depth in Feet		Hole Diameter	Sacks of Mud	Cubic Feet of Cement	Method of Placement
From	To				
<u>0</u>	<u>20</u>	<u>7 7/8</u>	<u>4 Bentonite chips</u>		<u>gravity</u>

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	
<u>1</u>			
<u>2</u>			
<u>3</u>			
<u>4</u>			

State Engineer Representative

STATE ENGINEER OFFICE
ALBUQUERQUE, N.M.
97 DEC - 22 PM 1:11

Date Received 12-2-97 FOR USE OF STATE ENGINEER ONLY X = 693,500 Y = 1,941,000 Central
File No. RG-68552 Use DOM Location No. Rancho del Rio Grande

HC 15293 \$ 5.00

per

File Number: RG 68552

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

1. APPLICANT

Name: FRANK T. CREWS JR. Work Phone: _____
Contact: _____ Home Phone: 4097635460
Address: P.O. BOX 1355
City: RANCHO DE TAOS State: NM Zip: 87557

2. LOCATION OF WELL (E thru H optional)

- A. 1/4 1/4 1/4 Section: 07 Township: 24N Range: 13E N.M.P.M.
in Taos County
- B. X = 693500 feet, Y = 1941000 feet, N.M. Coordinate System
Central Zone in the RANCHO DEL RIO GRANDE Grant.
U.S.G.S Quad Map _____
- C. Give State Engineer File Number if existing well _____
- D. On land owned by APPLICANT
- E. Tract No. Map No. of the _____
- F. Lot No. Block No. of Unit/tract of the
_____ Subdivision recorded in County.
- G. Latitude _____ Longitude _____
- H. Other PROJECTED SECTION

3. USE OF WATER

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

Trn Desc: RG 68552
Log Due Date: 09/26/1998
Form: wr-01

File Number: RG 68552
Trn Number: ~~132063~~

644010

**NEW MEXICO STATE ENGINEER OFFICE
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4. WELL INFORMATION (Change, Repair, Drill, Test, Supplement)

Name of well driller and driller license number:

987 FENNEL DRILLING CO.

Approximate depth 150 feet, Outside diameter of casing 5.00 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.

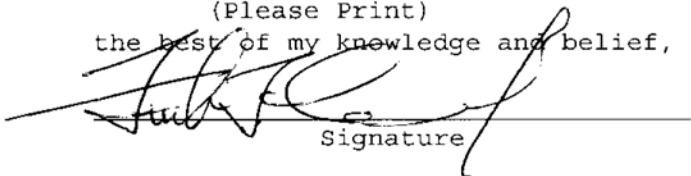
Supplemental well

5. ADDITIONAL STATEMENTS OR EXPLANATIONS

ACKNOWLEDGEMENT FOR NATURAL PERSONS

I, FRANK T. CREWS, JR. affirm that the foregoing statements are true to
(Please Print)

the best of my knowledge and belief, By: _____


Signature

Signature

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

GENERAL CONDITIONS OF APPROVAL

- 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. Failure to file the well record within that time shall result in automatic cancellation of the permit. 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.

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**NEW MEXICO STATE ENGINEER OFFICE
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SPECIFIC CONDITIONS OF APPROVAL

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

LOG This permit will automatically expire unless the well RG 68552 is completed and the well record filed on or before 09/26/1998.

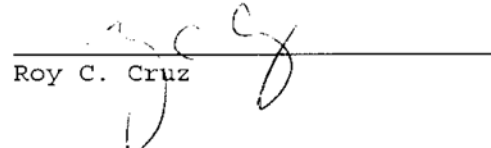
See general conitions of approval E, F, & H.

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 26 day of Sep A.D., 1997

Thomas C. Turney _____, State Engineer

By: Roy C. Cruz _____


Depth in Feet		Thickness in Feet	Color and Type of Material Encountered
From	To		
0	40	40	black clay
40	45	5	pebbles
45	340	295	red, yellow, white + green clay
340	360	20	shale
360	400	40	limestone
400	420	20	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.

Jim J. Pennell
Driller

INSTRUCTIONS: This form should be filled 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