

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



Santa Fe Office
PO BOX 25102
SANTA FE, NM 87504-5102

STATE OF NEW MEXICO

Trn Nbr: 368772
File Nbr: RG 88489
Well File Nbr: RG 88489

OFFICE OF THE STATE ENGINEER

Oct. 12, 2006

PATRICK O'BRIEN
PATRICK J RANDOLPH
1336 HIGHLAND DRIVE
HASTINGS, NE 68901

Greetings:

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

Sincerely,


Emma Romero
(505) 827-6120

Enclosure

cc: Albuquerque Office

wellrrcv

10/12/06 10:00 AM

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STATE ENGINEER OFFICE
WELL RECORD

Section 1. GENERAL INFORMATION

A) Owner of well Patrick St Marg Jo Randolph Owner's Well No. _____
Street or Post Office Address 1336 Highland Dr.
City and State Hastings NE 68901

Well was drilled under Permit No. PG 88489 and is located in the:
a. _____ 1/4 _____ 1/4 _____ 1/4 _____ 1/4 of Section _____ Township _____ Range _____ N.M.P.M.

b. Tract No. _____ of Map No. _____ of the _____
c. Lot No. _____ of Block No. _____ of the _____
Subdivision, recorded in _____ County.

d. X = 701,775 feet, Y = 2,013,927 feet, N.M. Coordinate System Central Zone in
in Antoine Mts / Antoin Leroux Texas County Grant.

B) Drilling Contractor Fennell Drilling Co License No. W D 987
Address P.O. Box 480 Arroyo Hondo NM 87513

Drilling Began 10-5-06 Completed 10-6-06 Type tools rotary Size of hole 7 7/8 in.
Elevation of land surface or _____ at well is _____ ft. Total depth of well 300 ft.
Completed well is shallow artesian. Depth to water upon completion of well 117 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>240</u>	<u>300</u>	<u>60</u>	<u>sand/gravel</u>	<u>18</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 1/2</u>	<u>2.84</u>	<u>2 1/2</u>	<u>+2</u>	<u>300</u>	<u>302</u>	<u>NA</u>	<u>240</u>	<u>300</u>

Section 4. RECORD OF MUDDING AND CEMENTING

Depth in Feet		Hole Diameter	Sacks of Mud Chips	Cubic Feet of Cement	Method of Placement
From	To				
<u>0</u>	<u>25</u>	<u>9"</u>	<u>5</u>		<u>grout</u>

Section 6. LOG OF HOLE

Feet		Thickness in Feet	Color and Type of Material Encountered
	To		
27		27	clay
27	120	93	sandy clay + cobbles
120	300	180	sandy clay + gravel

Section 7. REMARKS AND ADDITIONAL INFORMATION

36 D 31 M 56.76
 105 D 33 M 2.345