

LOCATE WELL CORRECTLY

U. S. LAND OFFICE **Santa Fe**
SERIAL NUMBER **079357-A**
LEASE OR PERMIT TO PROSPECT

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company **El Paso Natural Gas Company** Address **Box 990, Farmington, New Mexico**
Lessor or Tract **Rincon Unit** Field **Basin Dakota** State **New Mexico**
Well No. **182** Sec. **26** T. **27N** R. **6W** Meridian **N.M.P.M.** County **Rio Arriba**
Location **1650** ft. **EX** of **N** Line and **1500** ft. **EX** of **E** Line of **Section 26** Elevation **6667**
(Derrick floor relative to sea level)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Signed _____
Date **December 28, 1962** Title **Petroleum Engineer**

The summary on this page is for the condition of the well at above date.

Commenced drilling **9-15-**, 19**62**. Finished drilling **10-10-**, 19**62**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **7453** to **7576 (G)** No. 4, from _____ to _____
No. 2, from **7576** to **7783 (G)** No. 5, from _____ to _____
No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from _____ to _____ No. 3, from _____ to _____
No. 2, from _____ to _____ No. 4, from _____ to _____

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
9 5/8"	32.5	8 rd	N-80	294	HOWCO				Surface
4 1/2"	11.6, 10.5	8 rd	J-55	7773	Baker				Prod. casing
2 3/8"	4.7	8 rd	J-55	7682					Prod. tubing

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9 5/8"	308	210	circulated		
4 1/2"	7783	570	3 stage		

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____
Adapters—Material _____ Size _____

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
Perf 7684-90(2 SPT); 7627-39(1 SPT); 7594-98; (3 SPT); 7530-36(2 SPT); 7506-10(3 SPT); Frac w/78,960 gallons water, 75,000# sand. Flush w/5600 gallons. IR 33-1 BPM. Max pr 3900#, BDP 1100#, tr pr 3100-3900#. 4 drops of 12 balls.						

TOOLS USED

Rotary tools were used from **0** feet to **7783** feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

~~11-29~~, 19**62** Put to producing _____, 19____
The production for the first 24 hours was _____ barrels of fluid of which _____% was oil; _____% emulsion; _____% water; and _____% sediment. Gravity, °Bé. _____
If gas well, cu. ft. per 24 hours **3,292,000** Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. **2625 avg.** A.O.F. **3529 MCF/D**

EMPLOYEES

_____, Driller _____, Driller:
_____, Driller _____, Driller:

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	2525	2525	Tan to gry cr-grn ss interbedded w/gry sh.
2525	2766	241	Ojo Alamo ss. White cr-grn s.
2766	3076	310	Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.
3076	3281	205	Fruitland form. Gry carb sh, scattered coals, coals and gry, tight, fine-grn ss.
3281	3352	71	Pictured Cliffs form.s Gry, fine-grn, tight, varicolored soft ss.
3352	4936	1584	Lewis form. Gry, fine-grn, dense sil ss.
4936	5079	143	Cliff House ss. Gry, fine-grn, dense sil ss.
5079	5478	399	Menefee form. Gry, fine-grn s, carb sh & coal.
5478	5648	170	Point Lookout form. Gry, very fine sil ss w/frequent sh breaks.
5648	6478	830	Mancos form. Gry carb sh.
6478	7395	917	Gallup form. Lt gry to brn calc baro micac glauco very fine gry ss w/irreg interbed sh.
7395	7453	58	Greenhorn form. Highly calc gry sh w/thin lmst.
7453	7576	123	Graneros form. Dk gry shale, fossil & carb EX w/prite incl.
7576	7783	207	Dakota form. Lt to dk gry foss carb sl calc sl silty ss w/prite incl thin sh bands clay & shale breaks.

FORMATION RECORD—Continued

[illegible]

HISTORY OF OIL OR GAS WELL

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "sidetracked" or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.