

U. S. LAND OFFICE Santa FeSERIAL NUMBER 079364

LEASE OR PERMIT TO PROSPECT _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYRECEIVED
DEC 11 1962U. S. GEOLOGICAL SURVEY
FARMINGTON, NEW MEXICO

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

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. 183 Sec. 31 T. 27N R. 6W Meridian N.M.P.M. County Rio Arriba
Location 1697 ft. [N.] of S. Line and 1454 [E.] of W. Line of Section 31 Elevation 6658
[S.] [W.] (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 6, 1962Title Petroleum Engineer

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

Commenced drilling 9-26, 1962 Finished drilling 10-15, 1962

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 7216 to 7271 (1) No. 4, from _____ to _____
No. 2, from 7271 to 7436 (1) 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"	40	8 rd	N-80	321	HOWCO				Surface
4 1/2"	11.5, 105	8 rd	J-55	7565	Baker				Prod casing
2 3/8"	4.7	8 rd	J-55	7494	Baker				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"	335	210	circulated		
4 1/2"	7575	552	3 stage		

PLUGS AND ADAPTERS

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

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Day	Depth shot	Depth cleaned out
Perf <u>7274-76 (3 SFF)</u> ; <u>7300-06</u> ; <u>7390-96 (2 SFF)</u> ; <u>7428-32 (3 SFF)</u> ; <u>7464-70 (2 SFF)</u> ; Frac w/ <u>81,000</u> gallons water, <u>15,000#</u> sand. Flush w/ <u>7000</u> gallons water. IR 30 BPM. BDP <u>1200#</u> ; max pr <u>4400#</u> ; tr pr <u>3200-3500-3900-4000#</u> . 1 drop of 12 balls.						

TOOLS USED

Rotary tools were used from _____ feet to 7575 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

11-1, 1962 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 4,229,000 Gallons gasoline per 1,000 cu. ft. of gas _____Rock pressure, lbs. per sq. in. 2596 avg A.O.F. 4837 MCF/D

EMPLOYEES

_____, Driller _____, Driller
_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	2388	2388	Tan to gry cr-grn ss interbedded w/gry sh.
2388	2533	145	Ojo Alamo ss. White cr-grn s.
2533	2856	323	Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.
2856	3063	207	Fruitland form. Gry carb sh, scattered coals, coals and gry, tight, fine-grn ss.
3063	3167	104	Pictured Cliffs forms. Gry, fine-grn, tight, varicolored soft ss.
3167	4748	1581	Lewis form. Gry, fine-grn, dense sil ss.
4748	4810	62	Cliff House ss. Gry, fine-grn, dense sil ss.
4810	5302	492	Menefee form. Gry, fine-grn s, carb sh & coal.
5302	5432	130	Point Lookout form. Gry, very fine sil ss w/frequent sh breaks.
5432	6318	886	Mancos form. Gry carb sh.
6318	7216	898	Gallup form. Lt gry to brn calc carb micac glauc very fine gry ss w/irreg interbed sh.
7216	7271	55	Greenhorn form. Highly calc gry sh w/thin linst.
7271	7436	165	Graneros form. Dk gry shale, fossil & carb w/prite incl.
7436	7575	139	Dakota form. Lt to dk gry foss carb sl calc sl silty ss w/prite incl thin sh bancs clay & shale breaks.