Form 9-330

Form approved.
Budget Bureau No. 42-R355.4.

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 079365-A
LEASE OR PERMIT TO PROSPECT

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOCATE WELL CORRECTLY

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. 181 Sec. 22 T. 27N R. 6W Meridian N.M.P.M. County Rio Arriba
Location 1550 ft. [N.] of N Line and 1750 ft. [E.] of E Line of Section 22 Elevation 6580 (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 ORIGINAL SIGNED H.E. McANALLY

Date October 29, 1962 Title Petroleum Engineer

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

Commenced drilling 8-14, 19 62 Finished drilling 9-9, 19 62

OIL OR GAS SANDS OR ZONES

(*Denote gas by G*)

No. 1, from 7425 to 7540 (G) No. 4, from ____ to ____
No. 2, from ____ to ____ 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 From—	Perforated To—	Purpose
9	5/8"	32.3	8 rd	H-40	330	Guide				Surface
4	1/2"	10.5,11.6	8 rd	J-55	7694	Baker				Prod. casing
2	3/8"	4.7	8 rd	J-55	7645	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"	336	210	circulated		
4	1/2"	7704	550	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 7643-49 (2 SPF); 7595-99; 7576-80; 7542-46; 7480-84; 7460-64 (2 SPF); Frac w/74,500 gallons water, 72,000# sand. Flush w/5200 gallons water. I.R. 38 BPM. Max pr 4000#, ABP 3700#, tr pr 3000-3500#. 5 drops of 12 balls.						

TOOLS USED

Rotary tools were used from 0 feet to 7704 feet, and from ____ feet to ____ feet
Cable tools were used from ____ feet to ____ feet, and from ____ feet to ____ feet

DATES

9-27, 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 4,681,000 Gallons gasoline per 1,000 cu. ft. of gas ____

Rock pressure, lbs. per sq. in. 2,117 csg. A.O.F. 5271

EMPLOYEES

____, Driller ____, Driller
____, Driller ____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	2509	2509	Tan to gry cr-grn ss interbedded w/gry sh.
2509	2619	110	Ojo Alamo ss. White cr- grn s.
2619	2967	348	Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.
2967	3242	275	Fruitland form. Gry carb sh, scattered coals, coals and gry, tight, fine-grn ss.
3242	3310	68	Pictured Cliffs forms. Gry, fine-grn, tight, x varicolored soft ss.
3310	4902	1592	Lewis form. Gry, fine-grn, dense sil ss.
4902	5032	130	Cliff House ss. Gry, fine-grn, dense sil ss
5032	5443	411	Menefee form. Gry, fine-grn s, carb sh & coal.
5443	5600	157	Point Lookout form. Gry,very fine sil ss w/frequent sh breaks.
5600	6605	1005	Mancos form. Gry carb sh.
6605	7369	764	Gallup form. Lt gry to brn calc carb micac glauco very fine gry ss w/irreg interbed sh.
7369	7425	56	Greenhorn form. Highly calc gry sh w/thin lmst.
7425	7540	115	Graneros form. Dk gry shale, fossil & carb w/prite incl.
7540	7686	146	Dakota form. Lt to dk gry foss carb sl calc sl x silty ss w/prite incl thin sh bands clay & shale breaks.
7686	7704	18	Morrison form. Interbed grn brn and red waxy sh & fr to cr grn sand.