

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 030674
LEASE OR PERMIT TO PROSPECT 14-08-001-1054UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company El Paso Natural Gas Company Address Box 997, Farmington, New Mexico
Lessor or Tract San Juan 27-4 Unit Field Wilacat State New Mexico
Well No. 3 Sec. 12 T. 27N R. 4W Meridian N.M.P.M. County Rio Arriba
Location 920 ft. N of E Line and 1750 ft. W of E Line of Section 12 Elevation 6319
(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 January 20, 1954 Title Petroleum Engineer

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

Commenced drilling 11-30-53, 19..... Finished drilling 12-22-53, 19.....

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3680 to 3785 (G) No. 4, from 5933 to 5993 (G)
No. 2, from 5459 to 5540 (G) No. 5, from to
No. 3, from 5540 to 5833 (G) 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—	
7	25.4	5.1	Armed	161	Armed				Surface
7	23.8	5.1	Armed	1095	Armed				Prod. Gas.
7	20.4	5.1	Armed	3109	Armed				Prod. Gas.
2	4.7	5.1	Young	5210	Young				Prod. Gas.

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
7	172	125	Circulated		
7	5405	500	Single 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
Quart	Regular	CNO	1495	12-23-53	5469-5999	6119

TOOLS USED

Rotary tools were used from 0 feet to 5405 feet, and from 5405 feet to 6119 feet

Cable tools were used from feet to feet, and from feet to feet

DATES

January 2, 1954, 19..... 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 600 Gallons gasoline per 1,000 cu. ft. of gasRock pressure, lbs. per sq. in. 331

EMPLOYEES

....., Driller Driller

....., Driller Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	1390	1390	tan cr-grn ss w/thin sh breaks.
1390	2653	1263	Variegated sh w/thin ss breaks.
2653	3104	451	tan to gry cr-grn ss interbedded w/gry sh.
3104	3312	208	Ojo Alamo ss. White cr-grn s.
3312	3484	172	Kirtland formation. Gry sh interbedded w/tight gry fine-grn ss.
3484	3680	204	Fruitland formation. Gry carb sh, scattered coals and gry, tight, fine-grn ss.
3680	3785	97	Pictured Cliffs formation. Gry, fine-grn, tight, varicolored soft ss.
3785	5459	1674	Lewis formation. Gry to white dense sh w/silty to shaly ss breaks.
5459	5540	81	Cliff House ss. Gry, fine-grn, dense sil ss.
5540	5833	293	Menefee formation. Gry, fine-grn s, carb sh and coal.
5833	5993	160	Point Lookout formation. Gry, very fine sil ss w/frequent sh breaks.
5993	6119	126	Mancos formation. Gry carb sh.
Tops			
Ojo Alamo	3104	Lewis	3785
Kirtland	3312	Cliff House	5459
Fruitland	3484	Menefee	5540
Pictured Cliffs	3680	Point Lookout	5833
		Mancos	5993

