

[illegible]

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 080516
LEASE OR PERMIT TO PROSPECT
14-06-001-949

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

RECEIVED
JAN 7 1954

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 28-5 Field Wildcat State New Mexico
Well No. 4 Sec. 19 T28N R. 5 W Meridian N.M.P.M. County Rio Arriba
Location 1650 ft. [N] of N. Line and 1650 ft. [E] of E. Line of Section 19 Elevation 6599

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.

Date January 5, 1954 Title Petroleum Engineer

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

Commenced drilling 10-2-53, 1953 Finished drilling 11-10-53, 1953

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3438 to 3500 (c) No. 4, from 5586 to 5720 (c)
 No. 2, from 5164 to 5246 (c) No. 5, from _____ to _____
 No. 3, from 5246 to 5586 (c) No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from _____ to _____

No. 2, from _____ to _____

No. 3, 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	25.4	8 W.	Armed	160	Armed				Surface
7	23	8 Rd.	Spang	20 1/2	Baker				Prod. Casing
7	20	8 Rd.	Spang	10 5/8					Prod. Casing
2	4.7	8 Rd.	Youngst.	5760					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	172	125	Circulated		
7	51-37	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	S.N.G.	1775	11-11-79	5100-2.91	5951

TOOLS USED

Rotary tools were used from 0 feet to 5137 feet, and from 5137 feet to 5951 feet ^{Gas Drilling}

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

DATES

----- November 14, 1953, 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 2,300,000 Gallons gasoline per 1,000 cu. ft. of gas -----
Rock pressure, lbs. per sq. in. 1045 -----

EMPLOYEES

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

FORMATION RECORD

FROM--	TO--	TOTAL FEET	FORMATION
0	953	953	Tan cr-grn ss w/thin sh breaks.
953	1706	753	Variegated sh w/thin ss breaks.
1706	2738	1032	Tan to gry cr-grn ss interbedded w/gry sh.
2738	2861	123	Ojo Alamo ss. White cr-grn s.
2861	3150	289	Kirtland formation. Gry sh interbedded w/tight gry fine-grn ss.
3150	3438	288	Fruitland formation. Gry carb sh, scattered coals and gry, tight, fine-grn ss.
3438	3500	62	Pictured Cliffs formation. Gry, fine-grn, tight, varicolored soft ss.
3500	5164	1664	Lewis formation. Gry to white dense sh w/silty to shaly ss breaks.
5164	5246	82	Cliff House ss. Gry, fine-grn, dense sil ss.
5246	5586	340	Menefee formation. Gry, fine-grn s, carb sh and coal.
5586	5720	134	Point Lookout formation. Gry, very fine sil ss w/frequent sh breaks.
5720	5951	231	Mancos formation. Gry carb sh.
			Tops
			Ojo Alamo 2738
			Kirtland 2861
			Fruitland 3150
			Pictured Cliffs 3438
			Lewis 3500
			Cliff House 5164
			Menefee 5246
			Pt. Lookout 5586
			Mancos 5720

