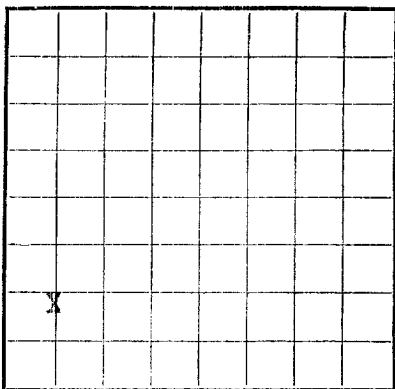


U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 080516
LEASE OR PERMIT TO PROSPECT 14-08-001-949
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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 28-5 Unit Field Blanco State New Mexico
Well No. 2 Sec. 14 T. 28N R. 5W Meridian NMPN County Rio Arriba
Location 81.0 ft. N of 100 Line and 81.0 ft. E of 100 Line of Section 14 Elevation 6876'
(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 S. Schulman
Date March 22, 1954 Title Petroleum Engineer

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

Commenced drilling November 12, 1953 Finished drilling February 16, 1954

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3800 to 3926 (G) No. 4, from 5972 to 6140 (G)
No. 2, from 5620 to 5672 (G) No. 5, from _____ to _____
No. 3, from 5672 to 5972 (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—	
9 5/8	25.4	8 N.	Armco	161	Armco				Surface
7	23 1/2	8 RD	Baker	200	Baker				Prod. Csg.
7	23 1/2	8 RD	Baker	321	Baker				Prod. Csg.
2"	4.7 1/2	8 RD	Youngst.	6136					Prod. Tub.

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	5535	500	Sing. 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
		Sand-Oil, See Well History				

TOOLS USED

Gas Drilled

Rotary tools were used from 0 feet to 5535 feet, and from 5535 feet to 6167 feet

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

DATES

February 20, 54 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 1,235,000 Gallons gasoline per 1,000 cu. ft. of gas _____Rock pressure, lbs. per sq. in. 1077

EMPLOYEES

_____, Driller _____, Driller

_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	1100	1100	Tan cr-grn ss w/thin sh breaks.
1100	2059	959	Variegated sh w/thin ss breaks.
2059	3217	1158	Tan to gry cr-grn ss interbedded w/gry sh.
3217	3282	65	Ojo Alamo ss. Wh cr-grn s. Top Ojo Alamo 3217.
3282	3577	295	Kirtland formation. Gry sh interbedded w/tight gry fine-grn ss. Top Kirtland 3282.
3577	3800	223	Fruitland formation. Gry carb sh, scattered coals and gry, tight, fine-grn ss. Top Fruitland 3577.
3800	3926	126	Pictured Cliffs formation. Gry, fine-grn, tight, varicolored soft ss. Top Pictured Cliffs 3800.
3926	5620	1694	Lewis formation. Gry to wh dense sh w/silty to shaly ss breaks. Top Lewis 3926.
5620	5672	52	Cliff House ss. Gry, fine-grn, dense sil ss. Top of Cliff House 5620.
5672	5972	300	Menefee formation. Gry, fine-grn s, carb sh and coal. Top Menefee 5672.
5972	6140	168	Point Lookout formation. Gry, very fine sil ss w/frequent sh breaks. Top Point Lookout 5972.
6140	6167	27	Mancos formation. Gry carb sh. Top Mancos 6140.