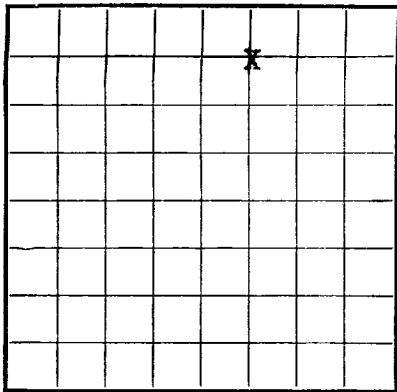




LOCATE WELL CORRECTLY

Santa Fe
U. S. LAND OFFICE 078336-B

SERIAL NUMBER

LEASE OR PERMIT TO PROSPECT

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYRECEIVED
APR 14 1954
U. S. GEOLOGICAL SURVEY
FARMINGTON, N. M.

LOG OF OIL OR GAS WELL

Company El Paso Natural Gas Company Address Box 997, Farmington, New Mexico
Lessor or Tract Barrett Field Blanco State New Mexico
Well No. 2 19 T. 31N R. 9W Meridian NMPM County San Juan
Location 790 ft. N of N Line and 1750 ft. E of E Line of Section 19 6554
Elevation (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.

Date April 13, 1954 Signed [Signature] Title Section Engineer

The summary on this page is for the condition of the well at above date.
Commenced drilling 12-29, 1953 Finished drilling 3-19, 1954

OIL OR GAS SANDS OR ZONES

No. 1, from 3404 to 3480 (G) No. 4, from 5634 to 5740 (G)
No. 2, from 5122 to 5250 (G) No. 5, from 5250 to 5634 (G)
No. 3, from 5250 to 5634 (G) No. 6, from 5634 to 5740 (G)

IMPORTANT WATER SANDS

No. 1, from 5122 to 5250 No. 3, from 5250 to 5634
No. 2, from 5250 to 5634 No. 4, from 5634 to 5740

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 RD	Armco	160	Armco				Surface
7	23	8 RD	Spang	1990	Baker				Prod. Csg.
7	23	8 RD	Spang	304	Baker				Prod. Csg.
2	11.7	8 RD	Spang	3712	Baker				Prod. Csg.

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	Circulating		
7	5081	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
Sand-Oil						

TOOLS USED

Rotary tools were used from 0 feet to 5081 feet, and from 5081 feet to 5740 feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

March 21, 1954 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 5,100,000 Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. 1015

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	596	596	Tan cr-grn ss w/thin sh breaks.
596	1700	1104	Variegated sh w/thin ss breaks.
1700	2568	868	Tan to gry cr-grn ss interbedded w/gry sh.
2568	2685	117	Ojo Alamo ss. Wh cr-grn s. Top Ojo Alamo 2568.
2685	3032	347	Kirtland formation. Gry sh interbedded w/tight gry fine-grn ss. Top Kirtland 2685.
3032	3404	372	Fruitland formation. Gry carb sh, scattered coals and gry, tight, fine-grn ss. Top Fruitland 3032.
3404	3480	76	Pictured Cliffs formation. Gry, fine-grn, tight, varicolored soft ss. Top Pictured Cliffs 3404.
3480	5122	1642	Lewis formation. Gry to wh dense sh w/silty to shaly ss breaks. Top Lewis 3480.
5122	5250	128	Cliff House ss. Gry, fine-grn, dense sil ss. Top of Cliff House 5122.
5250	5634	384	Menefee formation. Gry, fine-grn s, carb sh and coal. Top Menefee 5250.
5634	5740	106	Point Lookout formation. Gry, very fine sil ss w/frequent sh breaks. Top Point Lookout 5634.

