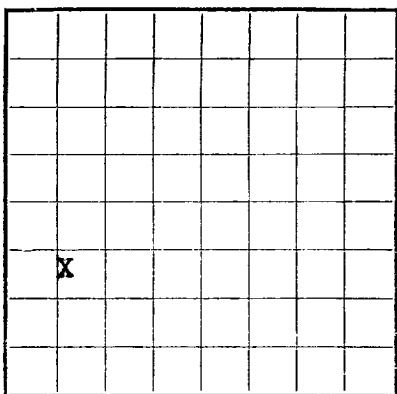




LOCATE WELL CORRECTLY

U. S. LAND OFFICE Santa FeSERIAL NUMBER 078389

LEASE OR PERMIT TO PROSPECT

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SEP 16 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 Lucerne Field Blanco State New Mexico
Well No. 1-A Sec. 9 T. 31N R. 10W Meridian NMPM County San Juan
Location 1550 ft. N. of S. Line and 990 ft. E. of W. Line of Section 9 Elevation 6143'
(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

G. F. J. J. J.Date September 15, 1954Title Petroleum Engineer

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

Commenced drilling March 12, 1954 Finished drilling July 30, 1954

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2923 to 2975 (G) No. 4, from 5166 to 5263 (G)
No. 2, from 4637 to 4753 (G) No. 5, from _____ to _____
No. 3, from 4753 to 5166 (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
2 5/8	25.4	Spiral Wld.	Armco	164	Armco			Surface
7	20	8 RD	Youngstown	5315				Prod. Log.
2	4.7	8 RD	Youngstown	5315				Prod. Log.

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
2 5/8	174	125	Circulated		
7	4586	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
	See well history.					

TOOLS USED

Gas Drilling

Rotary tools were used from _____ feet to 4585 feet, and from 4585 feet to 5353 feet

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

DATES

_____ August 1, 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 4,474,000 Gallons gasoline per 1,000 cu. ft. of gas _____Rock pressure, lbs. per sq. in. 1054

EMPLOYEES

_____, Driller _____, Driller

_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	863	863	Tan cr-grn ss w/thin sh breaks.
863	1340	477	Variegated sh w/thin ss breaks.
1340	2035	695	Tan to gry cr-grn ss interbedded w/gry sh.
2035	2172	137	Ojo Alamo ss. White cr-grn s. Top 2035.
2172	2481	309	Kirtland form. Gry sh interbedded w/tight gry fine-grn ss. Top 2172.
2481	2923	442	Fruitland form. Gry carb sh, scattered coals coals and gry, tight, fine-grn ss. Top 2481.
2923	2975	52	Pictured Cliffs Form. Gry, fine-grn, tight, vari-colored soft ss. Top 2923.
2975	4637	1662	Lewis formation. Gry to white dense sh w/silty to shaly ss breaks. Tops 2975.
4637	4753	116	Cliff House ss. Gry fine-grn, dense sil ss. Top 4637.
4753	5166	413	Menefee formation. Gry, fine-grn s, carb sh and coal. Top 4753.
5166	5263	97	Point Lookout form. Gry, very fine sil ss w/ frequent sh breaks. Top 5166.
5263	5353 T.D.	90	Mancos formation. Gry carb sh. To 5263.

