

U. S. LAND OFFICE **Santa Fe**
SERIAL NUMBER **080516-B**
LEASE OR PERMIT TO PROSPECT
14-08-001-949

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

U. S. GOVERNMENT PRINTING OFFICE
FARMINGTON, NEW MEXICO

LOCATE WELL CORRECTLY

Company El Paso Natural Gas Company Address Box 907, Farmington, New Mexico
 Lessor or Tract San Juan 28-5 Unit Field Blanco State New Mexico
 Well No. 31 Sec. 13 T. 28N R. 5W Meridian N.M.P.M. County Rio Arriba
 Location 1750 ft. NE of N Line and 1500 ft. NE of E Line of Section 13 Elevation 7420'
 (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 _____ Original Signed By _____
Date September 25, 1958 Title Petroleum Engineer

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

Commenced drilling ----- 7-1- -----, 1958 Finished drilling ----- 8-10- -----, 1958

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

(Denote gas by G.)

No. 1, from <u>14.04</u>	to <u>451.7 (G)</u>	No. 4, from <u>6536</u>	to <u>6738 (G)</u>
No. 2, from <u>61.70</u>	to <u>6240 (G)</u>	No. 5, from _____	to _____
No. 3, from <u>6240</u>	to <u>6536 (G)</u>	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—	
10 3/4"	32.75	P.E.	S.W.	161'	Howco				Surface
7 5/8"	26.40	8 BA.	J-55	4656'	Baker				Intermediate
5 1/2"	15.50	8 BA.	J-55	2165'	Baker				Prod. liner
2"	4.7	8 BA.	J-55	6672'					Prod. tbg.

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10 3/4"	173'	150	Circulated		
7 5/8"	4666'	200	Single Stage		
5 1/2"	4601-6767'	300	Single Stage		

PLUGS AND ADAPTERS

Heaving plug—Material Length Depth set

Adapters—Material Size

SHOOTING RECORD

[illegible]

TOOLS USED

Gas Drilled

Rotary tools were used from 175 feet to 4675 feet, and from 4675 feet to 6767 feet.

Cable tools were used from 0 feet to 175 feet, and from _____ feet to _____ feet.

DATES

8-22-1958 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 3,502,000----- Gallons gasoline per 1,000 cu. ft. of gas -----

Rock pressure, lbs. per sq. in. ----- **1121** ----- **A.O.F.--5241 MCF/D**

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	3744	3744	Tan to gry cr-grn ss interbedded w/gry sh.
3744	3905	161	Ojo Alamo ss. White cr-grn s.
3905	4177	272	Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.
4177	4404	227	Fruitland form. Gry carb sh, scattered coals, coals and gry, tight, fine-grn ss.
4404	4517	113	Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft ss.
4517	6170	1653	Lewis formation. Gry to white dense sh w/silty to shaly ss breaks.
6170	6240	70	Cliff House ss. Gry, fine-grn, dense sil ss.
6240	6536	296	Manefee form. Gry, fine-grn s, carb sh & coal.
6536	6738	202	Point Lookout form. Gry, very fine sil ss w/frequent sh breaks.
6738	6767	29	Mancos formation. Gry carb sh.

[illegible]

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "sidetracked" or left in the well, give its size and position. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to test the water, state kind of material used, position, and results of pumping or bailing.

HISTORY OF OIL OR GAS WELL

6536-6548: 6562-6571; 6506-6520; 6665-6671; 6666-6670;
 6688-6694 (2 sets) with 67,000 gallons water @ 60,000# sand. B.D.P.
 1050#; max. pr. 1800#; var. fr. 1050-1800-800#. I.R. 88
 Temp. B.P. set at 6600. Water 4000. Dropped 5 sets of 80 balls each.
 6222; 6222-6236 (4 sets) with 105 gallons water and 35,000# sand.
 B.D.P. 2000#; max. pr. 2000#; var. fr. 1550-1600-1800-2000#. I.R.
 60 B.P.M. Flush 10, 360 gallons. Dropped 4 sets of 15 balls each.

100-443887-100

1. The first step in the process is to identify the problem or issue that needs to be addressed. This involves gathering information and understanding the context of the problem.

The following table shows the number of persons who have been convicted of a crime in the State of New York, by county, for the year 1900. The figures are given in thousands.

[illegible]

NEW AND NO JOBS

YAFLE JAMES J.

[illegible]

27372 OCT 40