

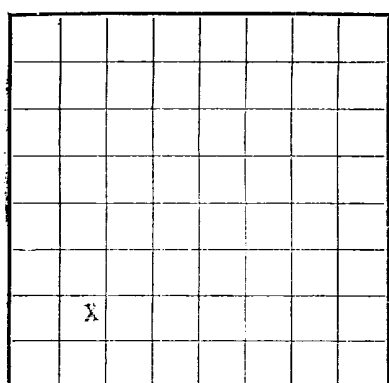
Santa Fe

U. S. LAND OFFICE

SERIAL NUMBER 780430

LEASE OR PERMIT TO PROSPECT
14-08-001-1051

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

Company El Paso Natural Gas Company Address Box 997, Farmington, New Mexico
Lessor or Tract San Juan 23-6 Unit Field Blanco State New Mexico
Well No. 15 Sec. 30 T. 20N R. 6W Meridian SP6M County Rio Arriba.
Location 221 ft. [N.] of E. Line and 202 ft. [E.] of S. Line of section 30 Elevation 6725

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 L. Khulem

Date November 29, 1954 Title Petroleum Engineer

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

Commenced drilling September 22, 19 54 Finished drilling October 13, 19 54

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

(Denote gas by G)

No. 1, from <u>3437</u> to <u>3513 (G)</u> No. 2, from <u>5004</u> to <u>5200 (G)</u> No. 3, from <u>5200</u> to <u>5613 (G)</u>	No. 4, from <u>5613</u> to <u>5700 (G)</u> No. 5, from _____ to _____ 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—	
2 5/8	25.4	4	Armco	145.78	Armco				Surface
7	23	8 RD	Foreign	5026	Baker				Prod. Csg.
2	4.7	3 RD	Youngstown	5631					Prod. Tbg.

MUDDING AND CEMENTING RECORD

Size casting	Where set	Number sacks of cement	Method used	Mud gain	Amount of mud used
5/7	150	125	Circulated		
7	5037	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 5237 feet, and from 5237 feet to 5766 feet.
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet.

DATES

October 24, 1954 Put to producing _____, 19____

The production for the first 4 hours was _____ barrels of fluid of which _____% was oil; _____% emulsion; _____% water; and _____% sediment. Gravity, °Bé. _____

If gas well, cu. ft. per 24 hours 2,430 Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. -----1026-----

EMPLOYEES

-----Driller -----, Driller
-----, Driller -----, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
7	705	70	Tan cr-grn ss w/thin sh breaks.
705	1492	70	Variegated sh w/thin ss breaks.
1492	2676	1184	Tan to gry cr-grn ss interbedded w/gry sh.
2676	2768	92	Gjo Alamo ss. White cr-grn s. T/2676'.
2768	3210	442	Kirtland form. Gry sh interbedded w/tight gry fine-grn ss. T/2768'.
3210	3437	227	Fruitland form. Gry carb sh, scattered coals coals & gry, tight, fine-grn ss. T/3210'.
3437	3510	73	Pictured Cliffs form. Gry, fine-grn, tight, vari-colored soft ss. T/3437'.
3510	5064	1554	Lewis forma. Gry to white dense sh w/silty to shaly ss breaks. T/3510'.
5064	5200	136	Cliff House ss. Gry, fine-grn, dense sil ss. T/5064'.
5200	5613	413	Menefee form. Gry, fine-grn s, carb sh and coal. T/5200'.
5613	5766	153	Point Lookout form. Gry, very fine sil ss w/frequent sh breaks. T/5613'.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

[illegible]

1. On the 1st of June I left the camp and went to the store to get some supplies. I found the store was very small and had very few supplies. I was very disappointed and went back to the camp. I was very disappointed and went back to the camp. I was very disappointed and went back to the camp.

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 latter, and if any casing was "sidetracked" or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

16-43094-2 U. S. GOVERNMENT PRINTING OFFICE

FORMATION RECORD—Continued