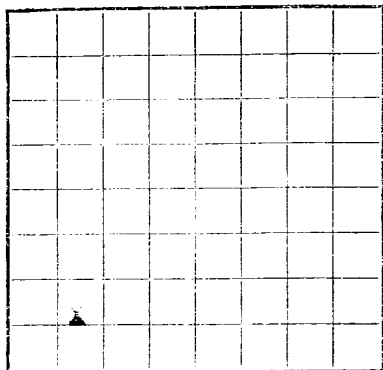


U. S. LAND OFFICE Santa Fe  
SERIAL NUMBER 019365  
LEASE OR PERMIT TO PROSPECT \_\_\_\_\_



LOCATE WELL CORRECTLY

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company El Paso Natural Gas Company Address Box 990, Farmington, New Mexico  
Lessor or Tract San Juan 28-6 Unit Field So. Blanco F.C. State New Mexico  
Well No. 95 Sec. 15 T27N R.6E Meridian N.M.P.M. County Rio Arriba  
Location 1175 ft. N. of S. Line and 1100 ft. E. of M. Line of Section 15 Elevation 6501  
(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 \_\_\_\_\_ Title Petroleum Engineer  
Date November 22, 1960

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

Commenced drilling 8-5, 1960 Finished drilling 8-10, 1960

OIL OR GAS SANDS OR ZONES  
(Denote gas by G)

No. 1, from 3150 to 3226 (G) No. 4, from \_\_\_\_\_ to \_\_\_\_\_  
No. 2, from \_\_\_\_\_ to \_\_\_\_\_ No. 5, from \_\_\_\_\_ to \_\_\_\_\_  
No. 3, from \_\_\_\_\_ to \_\_\_\_\_ 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—	
8 5/8"	24	8 Bd.	J-55	95	BLIND				Surface
2 7/8"	6.4	10 Bd.	J-55	3247	Reamer				Prod. Casing

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8"	105	74	Circulated		
2 7/8"	3237	80	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

TOOLS USED

Rotary tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
Cable tools were used from \_\_\_\_\_ feet to 3247 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

DATES

\_\_\_\_\_ 1960 Put to producing \_\_\_\_\_ 19\_\_\_\_  
8-26  
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 \_\_\_\_\_ Gallons gasoline per 1,000 cu. ft. of gas \_\_\_\_\_  
Rock pressure, lbs. per sq. in. 1,396,000

EMPLOYEES

\_\_\_\_\_, Driller \_\_\_\_\_, Driller  
\_\_\_\_\_, Driller \_\_\_\_\_, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	2430	2430	Tan to gry cr-grn ss interbedded w/gry sh.
Est. 2430	2508	158	Ojo Alamo ss. White cr-grn s.
Est. 2508	2882	294	Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.
Est. 2882	3150	268	Fruitland form. Gry carb sh, scattered coals, coals and gry, tight, fine-grn ss.
Est. 3150	3220	70	Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft ss.
3220	3247	27	Lewis formation. Gry to white dense sh w/silty to shaly ss breaks.

**FORMATION RECORD—Continued**[illegible]

### HISTORY OF OIL OR GAS WELL

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

**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 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.**

Perf. Pictured Cliffs 3134-64; 3100-90; 3200-13 (2 #calloy/ft) frac. v/36,900 gallons water, 15,000/10/20 sand. Flashed 2700 gal. Max. pr. 3600#, BD pr. 2200#, I.R. 15 BPM. Tr. pr. 2600-2700-2850-3200-3700#. Skipped 2 sets of 15 balls, 2 sets 10 balls for 5 stages. Used 1# calcium chloride in all frac water. 5# J-98/1000 gal. water.