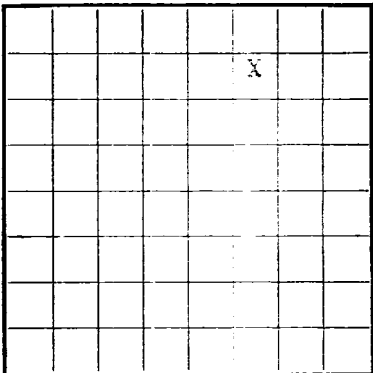


Form 9-330

U. S. LAND OFFICE Santa Fe  
SERIAL NUMBER 079364  
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 997, Farmington, New Mexico  
Lessor or Tract Rincon Unit Field No. Blanco P.C. State New Mexico  
Well No. 49 Sec. 31 T. 27N R. 6W Meridian NMPM County Rio Arriba  
Location 1090 ft. xxx of N Line and 1650 ft. xxx of E Line of Section 31 Elevation 6650'  
(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 [Signature]  
Date September 14, 1955 Title Petroleum Engineer

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

Commenced drilling July 18, 1955 Finished drilling August 4, 1955

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 304 to 3155 (G) No. 4, from \_\_\_\_\_  
No. 2, from \_\_\_\_\_ to \_\_\_\_\_ No. 5, from \_\_\_\_\_  
No. 3, from \_\_\_\_\_ to \_\_\_\_\_ No. 6, from \_\_\_\_\_

IMPORTANT WATER SANDS

No. 1, from \_\_\_\_\_ to \_\_\_\_\_ No. 3, from \_\_\_\_\_  
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—	
5/8"	25.47	P.E.	S.W.	121'	Howco				Surface
1/2"	15.50	8 RD	3-59	3075'	Baker				Prod. Co.
1"	1.68	10 RD	Sta. Blk.	3140'					Prod. Co.

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
5/8"	132'	100	Circulated		
1/2"	3089'	150	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

Rotary tools were used from 0 feet to 3091 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
Cable tools were used from 3091 feet to 3155 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

DATES

August 2, 55 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 4,385,000 Gallons gasoline per 1,000 cu. ft. of gas \_\_\_\_\_

Rock pressure, lbs. per sq. in. 1009

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	850	850	Tan cr-grn ss w/thin sh breaks.
850	1475	625	Variegated sh w/thin ss breaks.
1475	2422	947	Tan to gry cr-grn ss interbedded w/gry sh.
2422	2425	73	Ojo Alamo ss. White cr-grn s.
2425	2865	370	Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.
2865	3084	219	Fruitland form. Gry carb sh, scattered coals coals and gry, tight, fine-grn ss.
3084	3155 T.D.	71	Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft ss.

[OVER]

[illegible]

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

8-4-55 Pictured Cliff sandoil T.D. 3155'. 3096' to 3155' with 7,920 gallons oil and 10,000# sand. Breakdown pressure 1350#, maximum pressure 1350#, treating pressure 1200#, Injection rate 29.0 bbls./min. Flush 3080 gallons. Natural gas 71 MCF/D.

DATE OF THIS WORK OR REVISION

FOR OF CH DE CYS ABLE