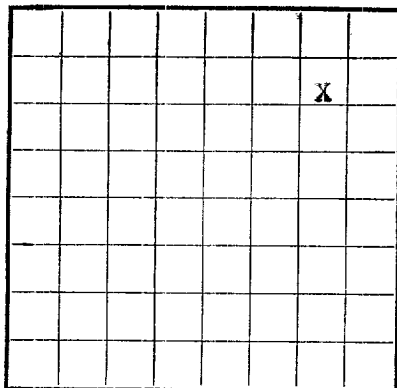


U. S. LAND OFFICE Santa Fe  
SERIAL NUMBER 079250  
LEASE OR PERMIT TO PROSPECT \_\_\_\_\_

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 San Juan 28-5 Unit Field Blanco State New Mexico  
Well No. 16 Sec. 16 T28N R. 5W Meridian N.M.P.M. County Rio Arriba  
Location 990 ft. XX of N Line and 990 ft. XX of E Line of Section 16 Elevation 6639  
(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 D. C. JohnstonDate October 30, 1957Title Petroleum Engineer

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

Commenced drilling 9-13, 1957 Finished drilling 10-1, 1957

## OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3558 to 3645 (G) No. 4, from 5719 to 5898 (G)  
No. 2, from 5360 to 5417 (G) No. 5, from \_\_\_\_\_  
No. 3, from 5417 to 5719 (G) No. 6, from \_\_\_\_\_

## IMPORTANT WATER SANDS

No. 1, from \_\_\_\_\_ to \_\_\_\_\_ No. 3, from \_\_\_\_\_  
No. 2, from \_\_\_\_\_ to \_\_\_\_\_ No. 4, from \_\_\_\_\_

## CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated From To	Purpose
10 3/4"	32.75	8 Rd.	S. W.	162'	Howco			Surface
7 5/8"	26.4	8 Rd.	J-55	3672'	Baker			Intermediate
5 1/2"	15.9	8 Rd.	J-55	5914'	Baker			Prod. Casing
2"	4.7	8 Rd.	J-55	5838'				Prod. Tubing

## MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10 3/4"	174'	150	Circulated		
7 5/8"	3682'	250	Single Stage		
5 1/2"	5924'	300	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 175 feet to 3700 feet, and from 3700 feet to 5924 feet  
Cable tools were used from 0 feet to 175 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

## DATES

\_\_\_\_\_ 10-8 \_\_\_\_\_, 1957 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 2,917,000

Gallons gasoline per 1,000 cu. ft. of gas \_\_\_\_\_

Rock pressure, lbs. per sq. in. 1002A. O. F. = 4047 MCF/D

## EMPLOYEES

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

## FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	2868	2868	Tan to gry cr-grn ss interbedded w/gry sh.
2868	2990	122	Ojo Alamo ss. White cr-grn s.
2990	3329	339	Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.
3329	3558	229	Fruitland form. Gry carb sh, scattered coals, coals and gry, tight, fine-grn ss.
3558	3645	87	Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft ss.
3645	5360	1715	Lewis formation. Gry to white dense sh w/silty to shaly ss breaks.
5360	5417	57	Cliff House ss. Gry, fine-grn, dense sil ss.
5417	5719	302	Menefee form. Gry, fine-grn s, carb sh & coal.
5719	5898	179	Point Lookout form. Gry, very fine sil ss w/frequent sh breaks.
5898	5924	26	Mancos formation. Gry carb sh.