

U. S. LAND OFFICE Santa Fe  
SERIAL NUMBER 078840  
LEASE OR PERMIT TO PROSPECT 14-08-001-459

	X								

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 23-7 Unit Field So. Blanco F.C. State New Mexico  
Well No. 39 Sec. 1 T. 27N R. 7W Meridian NMPM County Rio Arriba  
Location 1090 ft. S. of N. Line and 990 ft. E. of W. Line of Section 1 Elevation 6567'  
(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 D.C. Johnston  
Title Petroleum Engineer

Date October 1, 1955

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

Commenced drilling June 20, 1955 Finished drilling July 2, 1955

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2941 to 3007 T.D. 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-	
<u>9 5/8</u>	<u>25.4</u>	<u>P.E.</u>	<u>J.W.</u>	<u>121'</u>	<u>Howco</u>				<u>Surface</u>
<u>5 1/2</u>	<u>15.50</u>	<u>8RD</u>	<u>J-55</u>	<u>2932'</u>	<u>Howco</u>				<u>Prod. Csg.</u>
<u>1</u>	<u>1.64</u>	<u>10 RD</u>	<u>Std. Blk.</u>	<u>2998'</u>					<u>Prod. Tbg.</u>

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>9 5/8</u>	<u>133'</u>	<u>100</u>	<u>Circulated</u>		
<u>5 1/2</u>	<u>2942'</u>	<u>150</u>	<u>Single Stage</u>		

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
			<u>see Well History</u>			

TOOLS USED

Rotary tools were used from \_\_\_\_\_ feet to 2942 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
Cable tools were used from 2942 feet to 3007 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

DATES

July 3, 1955 Put to producing 1st del. 11/3/55, 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 139,000 Gallons gasoline per 1,000 cu. ft. of gas \_\_\_\_\_

Rock pressure, lbs. per sq. in. 962

EMPLOYEES

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

FORMATION RECORD

FROM-	TO-	TOTAL FEET	FORMATION
0	1105	1105	Tan cr-grn ss w/thin sh breaks.
1105	1640	535	Variegated sh w, thin ss breaks.
1640	2072	432	Tan to gry cr-grn ss interbedded w/gry sh.
2072	2200	128	Ojo Alamo ss. White cr-grn s.
2200	2655	455	Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.
2655	2941	286	Fruitland form. Gry carb sh, scattered coals coals and gry, tight, fine-grn ss.
2941	3007 T.D.	66	Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft ss.

