

U. S. LAND OFFICE Santa FeSERIAL NUMBER 079321

LEASE OR PERMIT TO PROSPECT

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company El Paso Natural Gas Company Address Box 997, Farmington, New Mexico
Lessor or Tract Rincon Unit Field So. Blanco P.C. State New Mexico
Well No. 44 Sec. 25 T. 27N R. 7W Meridian NMPM County Rio Arriba
Location 890 ft. N. of S Line and 1099 ft. W. of E Line of Section 25 Elevation 6645'
(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

Date September 14, 1955Title Petroleum Engineer

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

Commenced drilling June 29, 1955 Finished drilling July 24, 1955

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3040 to 3110 (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	
<u>9 5/8"</u>	<u>25.4#</u>	<u>P.E.</u>	<u>S.W.</u>	<u>122'</u>	<u>Howco</u>				<u>Surface</u>
<u>5 1/2"</u>	<u>15.50</u>	<u>8 RD</u>	<u>J-55</u>	<u>3030</u>	<u>Baker</u>				<u>Prod. Log.</u>
<u>1"</u>	<u>1.68</u>	<u>10 RD</u>	<u>Std. Blk.</u>	<u>3107'</u>					<u>Prod. Log.</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>3041'</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 0 feet to 3047 feet, and from _____ feet to _____ feet
Cable tools were used from 3047 feet to 3110 feet, and from _____ feet to _____ feet

DATES

July 25, 1955 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 4,295,000 Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. 1031

EMPLOYEES

_____, Driller _____, Driller
_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>1195</u>	<u>1195</u>	<u>Tan cr-grn ss w/thin sh breaks.</u>
<u>1195</u>	<u>1875</u>	<u>680</u>	<u>Variegated sh w/thin ss breaks.</u>
<u>1875</u>	<u>2405</u>	<u>530</u>	<u>Tan to gry cr-grn ss interbedded w/gry sh.</u>
<u>2405</u>	<u>2475</u>	<u>70</u>	<u>Ojo Alamo ss. White cr-grn s.</u>
<u>2475</u>	<u>2842</u>	<u>367</u>	<u>Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.</u>
<u>2842</u>	<u>3040</u>	<u>198</u>	<u>Fruitland form. Gry carb sh, scattered coals coals and gry, tight, fine-grn ss.</u>
<u>3040</u>	<u>3110 T.D.</u>	<u>70</u>	<u>Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft ss.</u>

1. The first step is to identify the problem or question that needs to be answered. This involves understanding the context and the specific requirements of the task.

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OIL OF GAS SANDS OR ZONES

D. A. S. David

ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED

7-24-55 Total Depth 3110'. Plumed Cliffs, coated thru casing, interval 3041' - 3110' with 1000 gallons oil and 12,500' sand. Pressure 1300#, maximum pressure 1300#, average casing pressure 1200#, injection rate 21.5 bbls./min. Flush 3100 Gallons. Natural Gas 693 MCF/D.

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.

HISTORY OF OIL OR GAS WELL

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