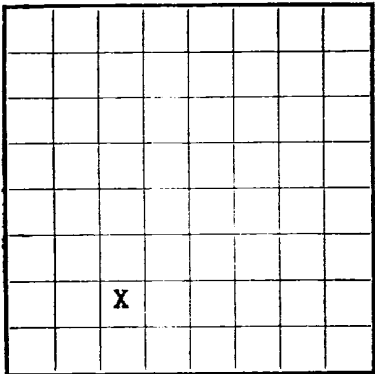


U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 079364
LEASE OR PERMIT TO PROSPECT _____



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 So. Blanco P.C. State New Mexico
Well No. 48 Sec. 30 T. 27N R. 6W Meridian NMPM County Rio Arriba
Location 800 ft. N. of S. Line and 1500 ft. E. of W. Line of Section 30 Elevation 5624'
(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 L. F. Jallan

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 12, 1955 Finished drilling July 29, 1955

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3060 to 3125 (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—	
<u>9 5/8"</u>	<u>25.47</u>	<u>P.E.</u>	<u>S.W.</u>	<u>121'</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>3047'</u>	<u>Baker</u>				<u>Prod. 1st</u>
<u>1"</u>	<u>1.607</u>	<u>10 RD</u>	<u>Std. Blk.</u>	<u>3117'</u>					<u>Prod. 2nd</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>132'</u>	<u>100</u>	<u>Circulated</u>		
<u>5 1/2"</u>	<u>3059</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 3061 feet, and from _____ feet to _____ feet
Cable tools were used from 3061 feet to 3125 feet, and from _____ feet to _____ feet

DATES

July 31, 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 5,011,000 Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. 976

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>1215</u>	<u>1215</u>	<u>Tan cr-grn ss w/thin sh breaks.</u>
<u>1215</u>	<u>1770</u>	<u>555</u>	<u>Variegated sh w/thin ss breaks.</u>
<u>1770</u>	<u>2400</u>	<u>630</u>	<u>Tan to gry cr-grn ss interbedded w/gry sh.</u>
<u>2450</u>	<u>2487</u>	<u>87</u>	<u>Ojo Alamo ss. White cr-grn s.</u>
<u>2487</u>	<u>2838</u>	<u>351</u>	<u>Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.</u>
<u>2838</u>	<u>3060</u>	<u>222</u>	<u>Fruitland form. Gry carb sh, scattered coals coals and gry, tight, fine-grn ss.</u>
<u>3060</u>	<u>3125 T.D.</u>	<u>65</u>	<u>Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft ss.</u>

[illegible]

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

July 30, 1955 Total Depth 3125'. Pictured Cliff sandoil treated thru casing. Interval 3040' - 3125' with 4580 gallons oil and 13,000# 40/60 sand. Breakdown pressure 1370#, maximum pressure 1520#, average pressure 1050#. Natural gas 265 MCF. Flush 3500 gallons oil.

ECOLOGICAL ANALYSIS

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