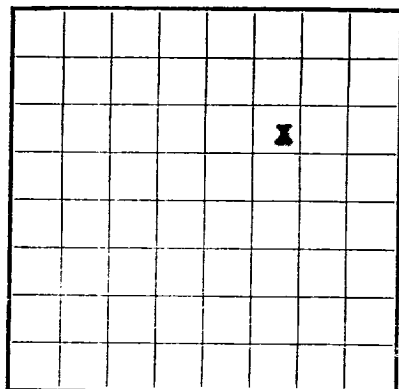


U. S. LAND OFFICE Jicarilla TribalSERIAL NUMBER Cont. 4th Dr. 86

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 Co. Address Box 997, Farmington, New Mexico
Lessor or Tract Jicarilla Field No. Blanco P.C. State New Mexico
Well No. 1-D Sec. 29 T. 25N R. 4W Meridian N.M.P.M. County Rio Arriba
Location 1650 ft. S. of N Line and 1730 ft. W. of E Line of Section 29 Elevation 6946
(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.

Original Signed D. C. Johnston

Signed

Date July 15, 1957Title Petroleum Engineer

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

Commenced drilling 6-2, 1957 Finished drilling 6-5, 1957

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3164 to 3203 (a) 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>S.M.</u>	<u>121'</u>	<u>Horne</u>				
<u>5-7/8"</u>	<u>14.3</u>	<u>P.E.</u>	<u>S.M.</u>	<u>100'</u>	<u>Horne</u>				
<u>2"</u>	<u>4.2</u>	<u>P.E.</u>	<u>S.M.</u>	<u>100'</u>	<u>Horne</u>				
HISTOKA OR OIL OR GAS WELL									

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>3270'</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
See Well History						

TOOLS USED

Rotary tools were used from 0 feet to 3270 feet, and from _____ feet to _____ feet

Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

_____ 6-19, 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 3,268,000 Gallons gasoline per 1,000 cu. ft. of gas _____Rock pressure, lbs. per sq. in. 1001 A.O.P. = 5074 MCF/D

EMPLOYEES

_____, Driller _____, Driller

_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>2639</u>	<u>2639</u>	<u>Tan to gry cr-grn ss interbedded w/gry sh.</u>
<u>2639</u>	<u>2814</u>	<u>175</u>	<u>Ojo Alamo ss. White cr-grn s.</u>
<u>2814</u>	<u>2916</u>	<u>102</u>	<u>Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.</u>
<u>2916</u>	<u>3164</u>	<u>248</u>	<u>Fruitland form. Gry carb sh, scattered coals, coals and gry, tight, fine-grn ss.</u>
<u>3164</u>	<u>3203</u>	<u>39</u>	<u>Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft ss.</u>
<u>3203</u>	<u>3270</u>	<u>67</u>	<u>Lewis formation. Gry to white dense sh w/silty to shaly ss breaks.</u>

FORMATION RECORD—Continued

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

A blank sheet of graph paper with a grid pattern. The grid consists of small squares formed by thin lines. There are approximately 20 columns and 25 rows of squares. A thicker vertical line runs down the page about one-fifth of the way from the left edge, creating a narrow margin. A thicker horizontal line runs across the page about two-thirds of the way down, creating a header space at the top. The paper is otherwise empty of any markings or text.

LOCATE LEFT CORRECT

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

(7) $\text{ad } \mathfrak{g} = 0$

IMPORTANT WATER SANDS

Case No.	Weight per foot	Thickness per inch	Make	Amount	Kind of shoe	Cost and purchased from	Estimated From To	Inspected
100000								

HISTORY OF OIL OR GAS WELL

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