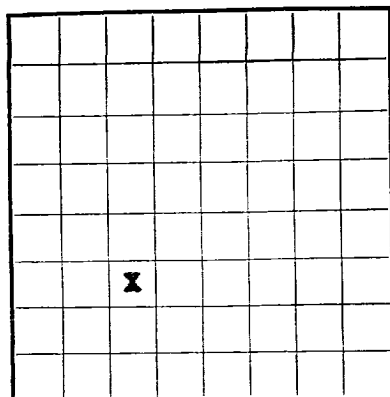




LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYForm approved.
Budget Bureau No. 42-R355.4
U. S. LAND OFFICE **Santa Fe**
SERIAL NUMBER **078913**
LEASE OR PERMIT TO PROSPECT

LOG OF OIL OR GAS WELL

Company El Paso Natural Gas Company Address Box 990, Farmington, New Mexico
Lessor or Tract Lindrith Field So. Blanco P.C. State New Mexico
Well No. 41 Sec. 15 T. 24-N R. 3-W Meridian N.M.P.M. County Rio Arriba
Location 1840 ft. N of 8 Line and 1460 ft. E of W Line of Section 15 Elevation 7015
(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 R. C. MILLER
Signed _____
Date August 3, 1961 Title Petroleum Engineer

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

Commenced drilling 6-9-, 19 61 Finished drilling 6-22-, 19 61

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3100 to 3195 (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>8 5/8"</u>	<u>27.5</u>	<u>8 1/2</u>	<u>3-55</u>	<u>3231</u>	<u>3-55</u>	<u>3231</u>			<u>Production</u>
<u>2 7/8"</u>	<u>6.4</u>	<u>8 1/2</u>	<u>3-55</u>	<u>3231</u>	<u>3-55</u>	<u>3231</u>			<u>Prod tubing</u>

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>8 5/8"</u>	<u>97</u>	<u>140</u>	<u>circulated</u>		
<u>2 7/8"</u>	<u>3225</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>3 1/8-26</u>	<u>3 1/8-26</u>	<u>3 1/8-26</u>	<u>3 1/8-26</u>	<u>3 1/8-26</u>	<u>3 1/8-26</u>	<u>3 1/8-26</u>
<u>3 1/8-26</u>	<u>3 1/8-26</u>	<u>3 1/8-26</u>	<u>3 1/8-26</u>	<u>3 1/8-26</u>	<u>3 1/8-26</u>	<u>3 1/8-26</u>

TOOLS USED

Rotary tools were used from 0 feet to 3231 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

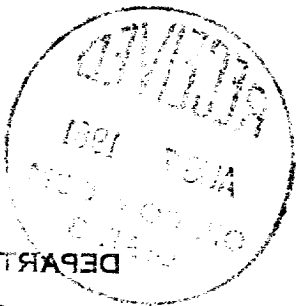
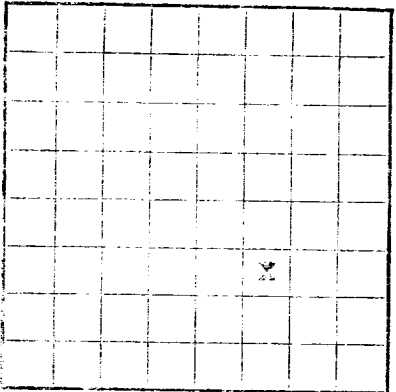
8-1-7-14-, 19 61 Put to producing _____, 19 _____
The production for the first 24 hours was _____ barrels of fluid of which _____% was oil; _____%
emulsion; _____% water; and _____% sediment. Gravity, °Bé. _____
If gas well, cu. ft. per 24 hours 5,370,000 Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. 867 A.O.P. - 8517 MCF/D

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>2703</u>	<u>2703</u>	<u>Ten to gry cr-grn ss interbedded w/gry sh.</u>
<u>2703</u>	<u>2845</u>	<u>142</u>	<u>Ojo Alamo ss. White cr-grn s.</u>
<u>2845</u>	<u>2972</u>	<u>127</u>	<u>Kirtland form. Gry sh interbedded w/tight</u>
<u>2972</u>	<u>3100</u>	<u>128</u>	<u>gry fine-grn ss.</u>
<u>3100</u>	<u>3195</u>	<u>95</u>	<u>Fruitland form. Gry carb sh, scattered coals,</u>
<u>3195</u>	<u>3231</u>	<u>36</u>	<u>coals and gry, tight, fine-grn ss.</u>
			<u>Pictured Cliffs forms. Gry, fine-grn,</u>
			<u>tight, varicolored soft ss.</u>
			<u>Lewis form. Gry, fine-grn, dense sil ss.</u>



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 900, El Paso, New Mexico
 Location, Sec. 12, T. 34-N., R. 3-W., Meridian, Co. El Paso, State, New Mexico
 Well No. 12
 The information on this log is a complete and correct record of the well and all work done thereon
 so far as can be determined from all reliable records
 Signed, [Signature]
 Date, August 3, 1917
 The summary on this page is for the condition of the well at above date.

August 3, 1917

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

Commenced drilling, 10-11-17, finished drilling, 10-11-17

OIL OR GAS SANDS OR ROCKS

(Gases gas is 0)

No. 1, from 300 to 315 (4)

No. 2, from 315 to 330

No. 3, from 330 to 345

IMPORTANT WATER SANDS

No. 1, from 345 to 360

No. 2, from 360 to 375

CASING RECORD

Casing size, 2 1/8"

Weight per foot, 22.5 lbs

Length, 100 ft

Amount, 2250 lbs

Kind of shoe, 100 ft

Amount, 2250 lbs

Kind of shoe, 100 ft

Amount, 2250 lbs

Kind of shoe, 100 ft

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Kind of shoe, 100 ft

Amount, 2250 lbs

Kind of shoe, 100 ft

Amount, 2250 lbs

FORMATION RECORD—Continued

(OVER)

FROM—

TO—

TOTAL FEET

FORMATION

FORMATION

FORMATION