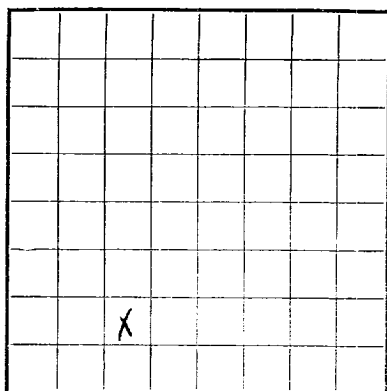


U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 080865
LEASE OR PERMIT TO PROSPECT _____

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 Lloyd Field Aztec Pool State New Mexico
Well No. 1-E Sec. 4 T. 29N R. 11W Meridian N. M. P. M. County San Juan
Location 290 ft. (N.) of S. Line and 1650 ft. (E.) of W. Line of Section 4 Elevation 5825
(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 J. F. JalloufDate September 24, 1953Title Petroleum Engineer

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

Commenced drilling May 25, 1953 Finished drilling July 28, 1953

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2035 to 2117-(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>25.4</u>	<u>3</u>	<u>Armco</u>	<u>123'</u>	<u>Baker</u>				<u>Surface</u>
<u>5-1/2</u>	<u>15.5</u>	<u>8</u>	<u>Foreign</u>	<u>2064'</u>	<u>Hewco</u>				<u>Prod. Csg.</u>
<u>1"</u>	<u>1.68</u>	<u>3</u>	<u>Std. Bk.</u>	<u>2100'</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>125</u>	<u>Circulated</u>		
<u>5-1/2</u>	<u>2064'</u>	<u>150</u>	<u>Sing. 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>Quart</u>	<u>Regular</u>	<u>S. N. G.</u>	<u>130</u>	<u>7-28</u>	<u>2062-2117</u>	<u>2117</u>

TOOLS USED

Rotary tools were used from 0 feet to 2064 feet, and from _____ feet to _____ feet
Cable tools were used from 2064 feet to 2117 feet, and from _____ feet to _____ feet

DATES

July 30, 1953 Put to producing _____, 19____
August 31

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 180,000 Gallons gasoline per 1,000 cu. ft. of gas _____Rock pressure, lbs. per sq. in. 605

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>280</u>	<u>280</u>	<u>Tan cr-grn ss w/thin sh breaks.</u>
<u>280</u>	<u>357</u>	<u>77</u>	<u>Variegated sh w/thin ss breaks.</u>
<u>357</u>	<u>715</u>	<u>358</u>	<u>Tan to gry cr-grn ss interbedded w/gry sh.</u>
<u>715</u>	<u>825</u>	<u>110</u>	<u>Ojo Alamo ss. Wh cr-grn s. Top Ojo Alamo 715.</u>
<u>825</u>	<u>1738</u>	<u>913</u>	<u>Kirtland formation. Gry sh interbedded w/tight gry fine-grn ss. Top Kirtland 825.</u>
<u>1738</u>	<u>2035</u>	<u>297</u>	<u>Fruitland formation. Gry carb sh, scattered coals and gry, tight, fine-grn ss. Top Fruitland 1738.</u>
<u>2035</u>	<u>2117</u>	<u>82</u>	<u>Pictured Cliffs formation. Gry, fine-grn, tight, varicolored soft ss. Top Pictured Cliffs 2035.</u>

[OVER]

10. *Journal of the American Medical Association*, 1990; 263: 1025-1028.

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FORMATION RECORD—Continued