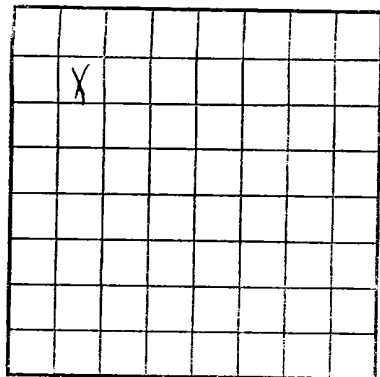




LOCATE WELL CORRECTLY

U. S. LAND OFFICE Santa FeSERIAL NUMBER 977941-A

LEASE OR PERMIT TO PROSPECT _____

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 Rowley Field Fulcher-Rutz State New Mexico
Well No. 1-A Sec. 20 T. 27N R. 10W Meridian NMPM County San Juan
Location 220 ft. ^N_S of N Line and 290 ft. ^E_W of E Line of Section 20 Elevation 6007
(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 G. F. LaddockDate September 25, 1953Title Petroleum Engineer

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

Commenced drilling December 30, 1952 Finished drilling January 10, 1953

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 1747 to 1731 (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>24</u>	<u>8rd</u>	<u>Spang</u>	<u>56.20</u>	<u>HCMCO</u>				<u>Surface</u>
<u>5-1/2</u>	<u>13.5</u>	<u>8rd</u>	<u>Spang</u>	<u>1743</u>	<u>Baker</u>				<u>Prod. casg.</u>
<u>1"</u>	<u>1.68</u>	<u>8rd</u>	<u>Sta. Blk</u>	<u>1764</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>8-5/8</u>	<u>106</u>	<u>75</u>	<u>Circ</u>		
<u>5-1/2</u>	<u>1749</u>	<u>130</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>Quart</u>	<u>Reg</u>	<u>SNF</u>	<u>210</u>	<u>1-10-53</u>	<u>1759-1842</u>	<u>1731</u>
<u>Quart</u>	<u>Reg</u>	<u>SNF</u>	<u>15</u>	<u>1-26-53</u>	<u>1761-1771</u>	<u>1761</u>

TOOLS USED

Rotary tools were used from 0 feet to 1749 feet, and from _____ feet to _____ feet
Cable tools were used from 1749 feet to 1842 feet, and from _____ feet to _____ feet

DATES

January 28, 1953Put to producing April 10-7, 1953

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 58,000 Gallons gasoline per 1,000 cu. ft. of gas _____Rock pressure, lbs. per sq. in. 488

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>208</u>	<u>208</u>	<u>Tan crs-grn ss w/thin sh breaks.</u>
<u>208</u>	<u>378</u>	<u>170</u>	<u>Variegated sh w/thin ss breaks.</u>
<u>378</u>	<u>742</u>	<u>364</u>	<u>Tan-gr drs-grn ss interbedded w/gr sh.</u>
<u>742</u>	<u>833</u>	<u>91</u>	<u>Top Alamo ss. Wh crs-grn sd. Top Ojo Alamo 742.</u>
<u>833</u>	<u>1463</u>	<u>630</u>	<u>Hirtland formation. Gr sh interbedded w/tight gr f-grn ss. Top Hirtland 833.</u>
<u>1463</u>	<u>1747</u>	<u>284</u>	<u>Fruitland formation. Gr carb sh, scattered coals & gr, tight f-grn ss. Top Fruitland 1463.</u>
<u>1747</u>	<u>1842</u> <u>1761</u>	<u>95</u> <u>34</u>	<u>Pictured Cliffs formation. Cr, f-grn, tight, varicolored soft ss. Top Pictured Cliffs 1747.</u>

