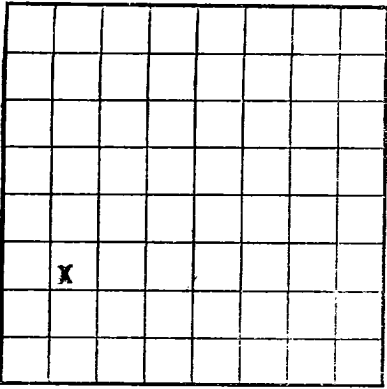




U. S. LAND OFFICE New Mexico
SERIAL NUMBER 03541
LEASE OR PERMIT TO PROSPECT _____

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 997, Farmington, New Mexico
Lessor or Tract Sanctuck Field Puleber-Kutz State New Mexico
Well No. 1 Sec. 30 T. 24N R. 7W Meridian S. N. P. M. County San Juan
Location 1650 ft. 1/8 of 1/4 Line and 990 ft. 1/8 of 1/4 Line of Section 30 Elevation 5943
(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 ORIGINAL SIGNED E. J. GOEL

Date March 24, 1952 Title Petroleum Engineer
The summary on this page is for the condition of the well at above date.

Commenced drilling February 25, 1952 Finished drilling March 6, 1952

OIL OR GAS SANDS OR ZONES
(Denote gas by G)

No. 1, from 2014 to 2100 (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 1055 to 1070 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>28</u>	<u>8</u>	<u>Int'l.</u>	<u>100</u>	<u>Ballb.</u>				<u>Surface</u>
<u>5-9/16</u>	<u>14.65</u>	<u>8</u>	<u>Int'l.</u>	<u>200</u>	<u>Ballb.</u>				<u>Prod.</u>
<u>1</u>	<u>1.7</u>	<u>6</u>	<u>Spang</u>	<u>2209</u>	<u>Int'l.</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>100</u>	<u>60</u>	<u>Single</u>		
<u>5-9/16</u>	<u>2014</u>	<u>100</u>	<u>Single</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>qts.</u>		<u>S. N. G.</u>	<u>200</u>	<u>3-7</u>	<u>2026-2112</u>	

TOOLS USED

Rotary tools were used from 0 feet to 2110 feet, and from _____ feet to _____ feet
Cable tools were used ~~from 0 to clean out~~ _____ feet, and from _____ feet to _____ feet

DATES

March 19, 1952 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 657,000 Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. 656 psig

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>432</u>	<u>432</u>	<u>Varieg. shales w/thin ss. breaks.</u>
<u>432</u>	<u>1055</u>	<u>623</u>	<u>Tan to gray coarse-grained ss. interbedded w/gru shales.</u>
<u>1055</u>	<u>1112</u>	<u>57</u>	<u>Ojo Alamo ss. White coarse-grained sand. Top Ojo Alamo 1055.</u>
<u>1112</u>	<u>1743</u>	<u>631</u>	<u>Kirtland fm. Gray shale interbedded w/tight gray fine-grained ss. Top Kirtland 1112.</u>
<u>1743</u>	<u>2014</u>	<u>271</u>	<u>Fruitland fm. Gray carb. shales, scattered coals. S gray, tight, fine-grained ss. Top Fruitland 1743.</u>
<u>2014</u>	<u>2100</u>	<u>86</u>	<u>Pictured Cliffs fm. Gray, fine-grained, tight, varicolored soft sandstone. Top Pictured Cliffs 2014.</u>
<u>2100</u>	<u>2110 TO</u>	<u>10</u>	<u>Lewis fm. Gray to white dense shale w/silty to shaly ss. breaks. Top Lewis 2100.</u>

