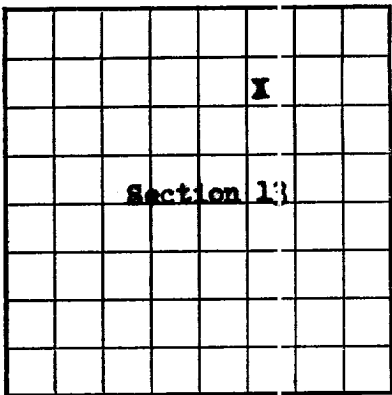


Form 9-380

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 080713
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 P.O. Box 997, Farmington, New Mexico
Lessor or Tract Abraham Field Wildcat State New Mexico
Well No. 1 Sec. 13 T. 30N R. 6W Meridian N.M.P.M. County Rio Arriba
Location 990 ft. {N} of E. Line and 1450 ft. {W} of E. Line of Section 13 Elevation 6416'
(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 L. F. Stone Title Petroleum Engineer

Date July 14, 1952

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

Commenced drilling June 1, 1952 Finished drilling June 18, 1952

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

No. 1, from 2955 to 3346 (G) No. 4, from _____ to _____
No. 2, from 3346 to 3430 (G) No. 5, from _____ to _____
No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from 2500 to 2566 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>8</u>	<u>Armo</u>	<u>Spiral Armo</u>	<u>None</u>	<u>3092-3110</u>			<u>Surface</u>
<u>7</u>	<u>20.4</u>	<u>8</u>	<u>Armo</u>	<u>Armo</u>	<u>None</u>	<u>3092-3110</u>			<u>Production</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>176'</u>	<u>125</u>	<u>Single</u>		
<u>7</u>	<u>3485'</u>	<u>150</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>None</u>				

TOOLS USED

Rotary tools were used from 0 feet to 3485' feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

June 30, 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 2,530,000 Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. 1,368 psig

EMPLOYEES

Franks, Driller Beasell, Driller
Warrick, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>1377</u>	<u>1377</u>	<u>Tan coarse-gr ss w/thin sh breaks.</u>
<u>1377</u>	<u>1935</u>	<u>558</u>	<u>Varie sh w/thin ss breaks.</u>
<u>1935</u>	<u>2500</u>	<u>565</u>	<u>Tan to gry coarse-gr ss interbedded w/gry sh.</u>
<u>2500</u>	<u>2566</u>	<u>66</u>	<u>Ojo Alamo ss. White coarse-gr sd.</u>
<u>2566</u>	<u>2955</u>	<u>389</u>	<u>Kirtland Formation. Gry sh interbedded w/tight gry f-gr ss.</u>
<u>2955</u>	<u>3346</u>	<u>391</u>	<u>Fruitland formation. Gry carb sh, scattered coal & gry, tight, f-gr ss.</u>
<u>3346</u>	<u>3430</u>	<u>84</u>	<u>Pictured Cliffs formation. Gry, f-gr, tight, vari soft ss.</u>
<u>3430</u>	<u>3485 TD</u>	<u>55</u>	<u>Lewis formation. Gry to white dense sh w/silty to shly ss breaks.</u>

(OVER)

FORMATION RECORD—CONTINUATION

