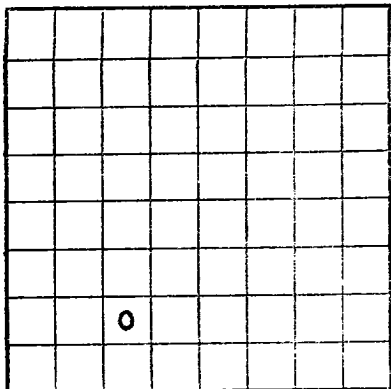


Form 9-380

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 077764
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 Co. Address P.O. Box 997 Farmington
Lessor or Tract Schumacher Field Aztec Pool State New Mexico
Well No. 3 Sec. 18 T. 30N R. 10W Meridian N.M.P.M. County San Juan
Location 990 ft. (N.) of S Line and 1650 ft. (E.) of W Line of Section 18 Elevation 6335'
(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 E. J. Pool Title Petroleum Engineer

Date January 30, 1953

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

Commenced drilling October 17, 1952 Finished drilling November 1, 1952

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

No. 1, from 2821 to 2908 (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 1409 to 1559 No. 3, from _____
No. 2, from _____ to _____ No. 4, from _____

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Purpose
<u>9 5/8</u>	<u>25.44</u>	<u>8</u>	<u>Spiral W</u>	<u>122'</u>	<u>HOWCO</u>		<u>Surface</u>
<u>5 1/2</u>	<u>15.94</u>	<u>8</u>	<u>Spang</u>	<u>2812'</u>	<u>HOWCO</u>		<u>Prod. csg.</u>
<u>1</u>	<u>1.684</u>	<u>8</u>		<u>2896'</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>9 5/8</u>	<u>130'</u>	<u>100</u>	<u>circulated</u>		
<u>5 1/2</u>	<u>2822'</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>Quart</u>	<u>Regular</u>	<u>S.H.G.</u>	<u>200</u>	<u>10-29</u>	<u>2836-2920</u>	<u>2920'</u>

TOOLS USED

Rotary tools were used from 0' feet to 2822' feet, and from 2822' feet to 2920' feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

November 1, 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 396,000 Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. 646

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>655</u>	<u>655</u>	<u>Tan coarse-grn ss W/ thin sh breaks.</u>
<u>655</u>	<u>1070</u>	<u>415</u>	<u>Variegated sh W/ thin ss breaks.</u>
<u>1070</u>	<u>1409</u>	<u>339</u>	<u>Tan to gry coarse-grn ss interbedded W/ gry sh.</u>
<u>1409</u>	<u>1559</u>	<u>150</u>	<u>Ojo Alamo ss. White coarse-grn sand. Top Ojo Alamo 1409.</u>
<u>1559</u>	<u>2456</u>	<u>897</u>	<u>Kirtland formation. Gry sh interbedded W/ tight gry fine-grn ss. Top Kirtland 1559.</u>
<u>2456</u>	<u>2821</u>	<u>365</u>	<u>Fruitland formation. Gry carb. sh, scattered coals and gry, tight, fine-grn ss. Top Fruitland 2456.</u>
<u>2821</u>	<u>2908</u>	<u>87</u>	<u>Pictured Cliffs formation. Gry, fine-grn, tight varicolored soft ss. Top Pictured Cliffs 2821.</u>
<u>2908</u>	<u>2920</u>	<u>12</u>	<u>Lewis formation. Gry to white danse sh W/ silt; to shaly ss breaks. Top Lewis 2908.</u>

FORMATION RECORD—Continued

[illegible]

HISTORY OF OIL OR GAS WELL

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "sidetracked," or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and reasons for pumping or bailing.

