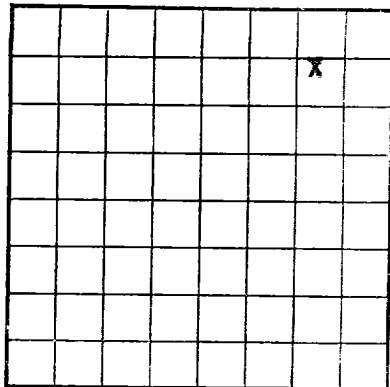


U. S. LAND OFFICE Santa FeSERIAL NUMBER 077107

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 McLester Field Fulcher - Kutz State New Mexico
Well No. 2-A Sec. 31 T. 24N R. 9E Meridian N. M. P. M. County San Juan
Location 990 ft. N. of 14 Line and 90 ft. E. of 1 Line of Section 31 Elevation 6000
(Derrick floor relative to sea level)

The information given herewith is a complete and correct record of the well Original work done thereon
so far as can be determined from all available records. Signed L. F. Stone

Date July 15, 1952 Title Petroleum Engineer

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

Commenced drilling May 30, 19 52 Finished drilling June 13, 19 52

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2138 to 2218 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 490 to 505 No. 3, from 1260 to 1280
No. 2, from 380 to 910 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>32</u>	<u>8</u>	<u>Spang</u>	<u>100</u>	<u>HWCO</u>				<u>Surface Production</u>
<u>5-1/2</u>	<u>15.5</u>	<u>8</u>	<u>Spang</u>	<u>2134</u>	<u>HWCO</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>107</u>	<u>75</u>	<u>Single</u>		
<u>5-1/2</u>	<u>2142</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>2 1/2</u>	<u>Reg.</u>	<u>S.N.C.</u>	<u>210</u>	<u>6-13</u>	<u>2151-2235</u>	<u>2235</u>

TOOLS USED

Rotary tools were used from 0 feet to 2235 feet, and from _____ feet to _____ feet
Cable tools were used from 2142 feet to 2235 feet, and from _____ feet to _____ feet

DATES

June 26, 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 790,000 Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>490</u>	<u>490</u>	<u>Varieg. shales w/thin ss. breaks.</u>
<u>490</u>	<u>1195</u>	<u>705</u>	<u>tan to gray coarse-grained ss. interbedded w/ gray shales.</u>
<u>1195</u>	<u>1295</u>	<u>100</u>	<u>Ojo Alamo ss. White coarse-grained sand. T/Ojo Alamo 1195.</u>
<u>1295</u>	<u>1895</u>	<u>600</u>	<u>Kirtland fm. Gray shale interbedded w/tight, gray, fine-grained ss. T/Kirtland 1295.</u>
<u>1895</u>	<u>2138</u>	<u>243</u>	<u>Fruitland fm. Gray carb. shales, scattered coals, & gray, tight, fine-grained ss. T/Fruitland 1895.</u>
<u>2138</u>	<u>2218</u>	<u>80</u>	<u>Pictured Cliffs fm. Gray, fine-grained, tight, varicolored soft ss. T/Pictured Cliffs 2138.</u>
<u>2218</u>	<u>2235</u>	<u>17</u>	<u>Lewis fm. Gray to white dense shale w/silty to sandy ss. breaks. T/Lewis 2218.</u>

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 results of pumping or bailing.

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FORMATION RECORD—Continued