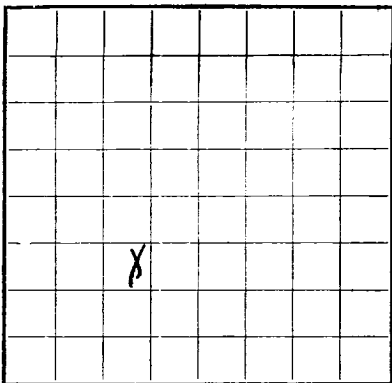


U. S. LAND OFFICE Santa FeSERIAL NUMBER 079761LEASE OR PERMIT TO PROSPECT
14-00-001-1055UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOCATE WELL CORRECTLY

Company El Paso Natural Gas Company Address Box 997 Farmington, New Mexico
Lessor or Tract San Juan 29-4 Unit Field Wildcat State New Mexico
Well No. 2 Sec. 35 T. 29N R. 4W Meridian N. M. P. M. County Rio Arriba
Location 1750 ft. [N.] of S. Line and 1560 ft. [E.] of W. Line of Section 35 Elevation 7122
(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 Carol K. BrundichDate November 12, 1953Title Petroleum Engineer

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

Commenced drilling September 10, 1953 Finished drilling October 6, 1953

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3832 to 4130 (G) No. 4, from 6232 to 6449 (G)
No. 2, from 5049 to 6021 (G) No. 5, from _____ to _____
No. 3, from 6021 to 6232 (G) 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>2-5/8</u>	<u>36</u>	<u>8 rd</u>	<u>Spang</u>	<u>160'</u>	<u>Howco</u>				<u>Surface</u>
<u>7</u>	<u>23</u>	<u>8 rd</u>	<u>Spang</u>	<u>198'</u>	<u>Baker</u>				<u>Prod. Gas</u>
<u>7</u>	<u>20</u>	<u>8 rd</u>	<u>Spang</u>	<u>390'</u>	<u>Baker</u>				<u>Prod. Gas</u>
<u>2"</u>	<u>4.7</u>	<u>8 rd</u>	<u>Youngst.</u>	<u>390'</u>					<u>Prod. Gas</u>

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>2-5/8</u>	<u>172</u>	<u>125</u>	<u>Circulated</u>		
<u>7</u>	<u>5736</u>	<u>500</u>	<u>Sing. Stage</u>		

(Bridging plug) LANE WELLS cast iron Bridging Plug
Heaving plug—Material _____ Length 3' Depth set 4100'
Adapters—Material _____ Size _____ with 10 sacks of reg. cement.

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
<u>part</u>	<u>Regular</u>	<u>S.N.C.</u>	<u>1854</u>	<u>10-8-53</u>	<u>5853-6449</u>	<u>6449</u>

TOOLS USED

Rotary tools were used from _____ feet to 5736 feet, and from 5736 feet to 6449 feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

_____ October 22, 1953 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 6,928,000 Gallons gasoline per 1,000 cu. ft. of gas _____Rock pressure, lbs. per sq. in. 1092

EMPLOYEES

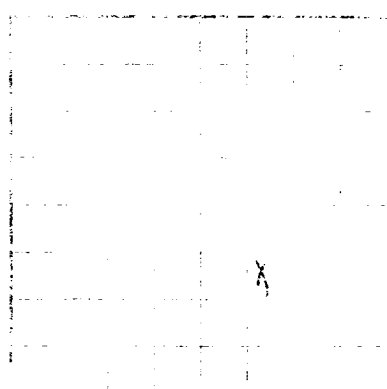
_____, Driller _____, Driller
_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>662</u>	<u>662</u>	<u>Tan cr-grn ss w/thin sh breaks.</u>
<u>662</u>	<u>2316</u>	<u>1654</u>	<u>Variegated sh w/thin ss breaks.</u>
<u>2316</u>	<u>3390</u>	<u>1074</u>	<u>Tan to gry cr-grn ss interbedded w/gry sh.</u>
<u>3390</u>	<u>3555</u>	<u>165</u>	<u>Ojo Alamo ss. White cr-grn s.</u>
<u>3555</u>	<u>3737</u>	<u>182</u>	<u>Kirtland formation. Gry sh interbedded w/tight gry fine-grn ss.</u>
<u>3737</u>	<u>3832</u>	<u>95</u>	<u>Fruitland formation. Gry carb sh, scattered coals coals and gry, tight, fine-grn ss.</u>
<u>3832</u>	<u>4130</u>	<u>298</u>	<u>Pictured Cliffs formation. Gry, fine-grn, tight, varicolored soft ss.</u>
<u>4130</u>	<u>5049</u>	<u>1719</u>	<u>Lewis formation. Gry to white dense sh w/silty to shaly ss breaks.</u>
<u>5049</u>	<u>6021</u>	<u>172</u>	<u>Cliff House ss. Gry, fine-grn, dense sil ss.</u>
<u>6021</u>	<u>6232</u>	<u>211</u>	<u>Manefee formation. Gry, fine-grn s, carb sh and coal.</u>
<u>6232</u>	<u>6449</u>	<u>217</u>	<u>Point Lookout formation. Gry, very fine sil ss w/frequent sh breaks.</u>
			<u>Manefee formation. Gry carb sh.</u>
			Tops
			Ojo Alamo 3390 Cliff House 5049
			Kirtland 3555 Manefee 6021
			Fruitland 3737 Pt. Lookout 6232
			Pict. Cliffs 3832
			Lewis 4130

(OVER)

JUN 19 1963 JUN 20 1963



The summary on this page is for the record and is not to be used for the following purposes:

1100 34 35A 39 40 10

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.

HISTORY OF OIL OR GAS WELL

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[illegible]