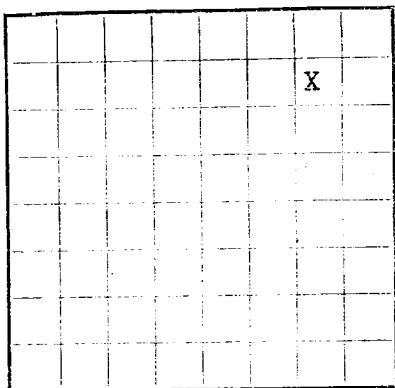
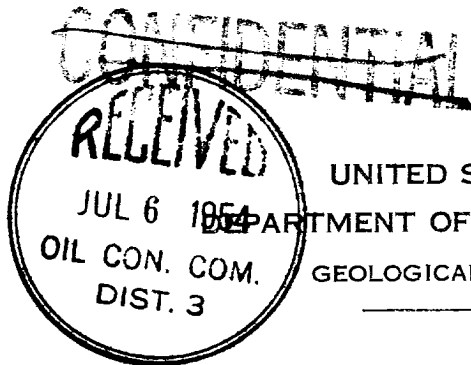




LOCATE WELL CORRECTLY



U. S. LAND OFFICE New Mexico
SERIAL NUMBER 011350
LEASE OR PERMIT TO PROSPECT _____
UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY JUN 25 1954
U. S. GEOLOGICAL SURVEY
FARMINGTON, N. M.

LOG OF OIL OR GAS WELL

Company El Paso Natural Gas Company Address Box 997, Farmington, New Mexico
Lessor or Tract San Juan 29-5 Field Blanco State New Mexico
Mesa
Well No. 5-33X Sec. 33 T. 29N R. 5W Meridian NMPM County Rio Arriba
Location 1090 ft. S. of N. Line and 1090 ft. W. of E. Line of Section 33 Elevation 6741'
(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 Samuel W. [Signature]

Date June 14, 1954 Title Petroleum Engineer

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

Commenced drilling April 1, 1954 Finished drilling April 25, 1954

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3673 to 3805 (G) No. 4, from 5868 to 6020 (G)
No. 2, from 5494 to 5568 (G) No. 5, from _____ to _____
No. 3, from 5568 to 5868 (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>9 5/8</u>	<u>36</u>	<u>8RD</u>	<u>Spang</u>	<u>150</u>	<u>Howco</u>				<u>Surface</u>
<u>7</u>	<u>23</u>	<u>8RD</u>	<u>Spang</u>	<u>1954</u>	<u>Baker</u>				<u>Prod. Csg.</u>
<u>7</u>	<u>20</u>	<u>8RD</u>	<u>Spang</u>	<u>3995</u>	<u>Baker</u>				<u>Prod. Csg.</u>
<u>2</u>	<u>4.7</u>	<u>8RD</u>	<u>Youngstown</u>	<u>5000</u>	<u>OK</u>	<u>CVA 3 1/2" ST</u>			<u>Prod. Tbg.</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>159</u>	<u>150</u>	<u>Circulated</u>		
<u>7</u>	<u>5470</u>	<u>500</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>Sand-Oil, see well history.</u>				

TOOLS USED

Gas Drilling

Rotary tools were used from 0 feet to 5470 feet, and from 5470 feet to 6020 feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

April 28, 1954 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 2,997,000 Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. 1030

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>1347</u>	<u>1347</u>	<u>Tan cr-grn ss w/Thin sh breaks.</u>
<u>1347</u>	<u>2136</u>	<u>789</u>	<u>Variegated sh w/thin ss breaks.</u>
<u>2136</u>	<u>2952</u>	<u>816</u>	<u>Tan to gry cr-grn ss interbedded w/gry sh.</u>
<u>2952</u>	<u>3093</u>	<u>141</u>	<u>Ojo Alamo ss. White cr-grn s.</u>
<u>3093</u>	<u>3439</u>	<u>346</u>	<u>Kirtland formation. Gry sh interbedded w/tight gry fine-grn ss.</u>
<u>3439</u>	<u>3673</u>	<u>234</u>	<u>Fruitland formation. Gry carb sh, scattered coals and gry, tight, fine-grn ss.</u>
<u>3673</u>	<u>3805</u>	<u>132</u>	<u>Pictured Cliffs formation. Gry, fine-grn, tight varicolored soft ss.</u>
<u>3805</u>	<u>5494</u>	<u>1689</u>	<u>Lewis formation. Gry to white dense wh w/silty to shaly ss breaks.</u>
<u>5494</u>	<u>5568</u>	<u>74</u>	<u>Cliff House ss. Gry, fine-grn, dense sil ss.</u>
<u>5568</u>	<u>5868</u>	<u>300</u>	<u>Menefee formation. Gry, fine-grn s, carb sh and coal.</u>
<u>5868</u>	<u>6020</u>	<u>152</u>	<u>Point Lookout formation. Gry, very fine sil ss w/frequent sh breaks.</u>



27 61 100

DATE: 10/2/2017 10:40:00 AM

75-92-7

7-3-54

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

16-43094-2 U. S. GOVERNMENT PRINTING OFFICE

FORMATION	TOTAL FEET	TO—	FROM—
V			

FORMATION RECORD—Continued