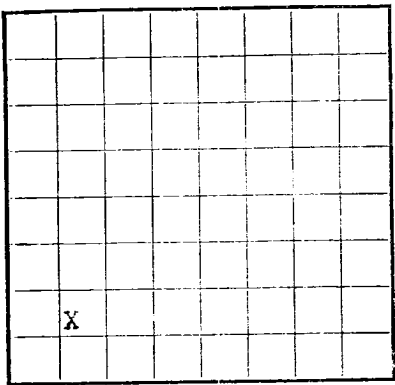


U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 078390-
LEASE OR PERMIT TO PROSPECT _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

Company El Paso Natural Gas Company Address Box 997, Farmington, New Mexico
Lessor or Tract Herdie Field Blanco State New Mexico
Well No 1-D Sec 12 T 28N R 3W Meridian NMPM County San Juan
Location 1090 ft. N. of S. Line and 1090 ft. E. of W. Line of Section 12 Elevation 6302'
(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 D.C. Johnston

Date May 12, 1955 Title Petroleum Engineer

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

Commenced drilling April 3, 19 55 Finished drilling April 18, 19 55

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2396 to 3015 (G) No. 4, from 5070 to 5175 (G)
No. 2, from 4500 to 4644 (G) No. 5, from _____ to _____
No. 3, from 4644 to 5070 (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>5/8"</u>	<u>25.4</u>	<u>2 P.E.</u>	<u>S.W.</u>	<u>159'</u>	<u>Howco</u>				<u>Surface</u>
<u>7"</u>	<u>23</u>	<u>8 RD</u>	<u>J-55</u>	<u>1033'</u>					<u>Prod. Tbg.</u>
<u>7"</u>	<u>20</u>	<u>8 RD</u>	<u>J-55</u>	<u>3415'</u>	<u>Baker</u>				<u>Prod. Tbg.</u>
<u>2"</u>	<u>4.7</u>	<u>8 RD</u>	<u>J-55</u>	<u>5126'</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>5/8"</u>	<u>169'</u>	<u>125</u>	<u>Circulated</u>		
<u>7"</u>	<u>4453</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>See well History.</u>				

TOOLS USED

Gas Drilled

Rotary tools were used from 0 feet to 4460 feet, and from 4460 feet to 5190 feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

April 26, 19 55 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 4,027,000 Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. 1031

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>615</u>	<u>615</u>	<u>Tan cr-grn ss w/thin sh breaks.</u>
<u>615</u>	<u>1265</u>	<u>650</u>	<u>Variegated sh w/thin ss breaks.</u>
<u>1265</u>	<u>1922</u>	<u>657</u>	<u>Tan to gry cr-grn ss interbedded w/gry sh.</u>
<u>1922</u>	<u>2057</u>	<u>135</u>	<u>Ojo Alamo ss. White cr-grn s.</u>
<u>2057</u>	<u>2595</u>	<u>538</u>	<u>Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.</u>
<u>2595</u>	<u>2896</u>	<u>301</u>	<u>Fruitland form. Gry carb sh scattered coals coals and gry, tight, fine-grn ss.</u>
<u>2896</u>	<u>3015</u>	<u>119</u>	<u>Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft ss.</u>
<u>3015</u>	<u>4500</u>	<u>1485</u>	<u>Lewis formation. Gry to white dense sh, w/silty to shaly ss breaks.</u>
<u>4500</u>	<u>4644</u>	<u>144</u>	<u>Cliff House ss. Gry, fine-grn, dense sil ss.</u>
<u>4644</u>	<u>5070</u>	<u>426</u>	<u>Menefee formation. Gry, fine-grn s, carb sh & coal.</u>
<u>5070</u>	<u>5175</u>	<u>105</u>	<u>Point Lookout form. Gry, very fine sil ss w/frequent sh breaks.</u>
<u>5175</u>	<u>5190 T.D.</u>	<u>15</u>	<u>Mancos formation. Gry carb sh.</u>

