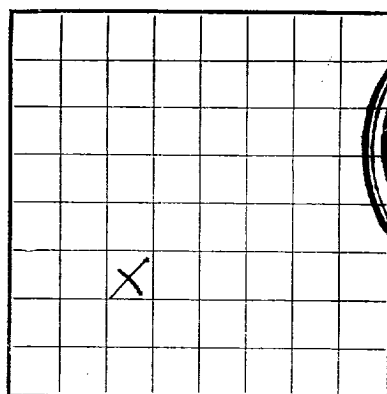
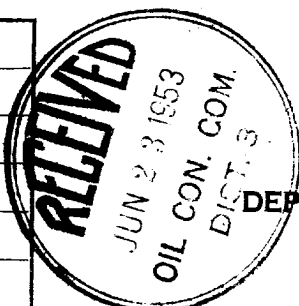


U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 079382
LEASE OR PERMIT TO PROSPECT _____

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 Mc Elvain Field Blanco State New Mexico
Well No. A-A Sec. 24 T. 30N R. 7W Meridian N.M.P.M. County San Juan
Location 1850 ft. (N.) of S Line and 1850 ft. (E.) of W Line of Section 24 Elevation 6153
(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 [Signature]Date May 29, 1953 Title Petroleum Engineer

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

Commenced drilling March 10, 1953 Finished drilling April 4, 1953

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3115 to 3180 (G) No. 4, from 5252 to 5402 (G)
No. 2, from 4932 to 4976 (G) No. 5, from _____ to _____
No. 3, from 4976 to 5252 (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>25.4</u>	<u>8</u>	<u>S. W.</u>	<u>160'</u>	<u>AMCO</u>				<u>Surface</u>
<u>7"</u>	<u>17.1</u>	<u>8</u>	<u>Young</u>	<u>300'</u>	<u>AMCO</u>				<u>Production</u>
<u>2"</u>	<u>4.7</u>	<u>8</u>	<u>Young</u>	<u>5476</u>					<u>Prod. Log.</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>171'</u>	<u>125</u>	<u>Circulated</u>		
<u>7"</u>	<u>4667'</u>	<u>300</u>	<u>Sing. 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.C.</u>	<u>1425</u>	<u>4-4-53</u>	<u>4876-5538</u>	<u>5538</u>

TOOLS USED

Rotary tools were used from 0 feet to 4667 feet, and from 4667 feet to 5538 feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

April 7, 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 5,020,000 Gallons gasoline per 1,000 cu. ft. of gas _____Rock pressure, lbs. per sq. in. 1112 psi

EMPLOYEES

_____, Driller _____, Driller

_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>703</u>	<u>703</u>	<u>Tan cr-grn ss w/thin sh breaks.</u>
<u>703</u>	<u>1238</u>	<u>535</u>	<u>Variegated sh w/thin ss breaks.</u>
<u>1238</u>	<u>2158</u>	<u>920</u>	<u>Tan to gray cr-grn ss interbedded w/gry sh.</u>
<u>2158</u>	<u>2278</u>	<u>120</u>	<u>Ojo Alamo ss. Wh cr-grn s. Top Ojo Alamo 2158.</u>
<u>2278</u>	<u>2763</u>	<u>485</u>	<u>Kirtland formation. Gry sh interbedded w/tight gry fine-grn ss. Top Kirtland 2278.</u>
<u>2763</u>	<u>3115</u>	<u>352</u>	<u>Fruitland formation. Gry carb sh, scattered coals and gry, tight, fine-grn ss. Top Fruitland 2763.</u>
<u>3115</u>	<u>3180</u>	<u>65</u>	<u>Pictured Cliffs formation. Gry, fine-grn, tight, varicolored soft ss. Top Pictured Cliffs 3115.</u>
<u>3180</u>	<u>4932</u>	<u>1752</u>	<u>Lewis formation. Gry to wh dense sh w/silty to shaly ss breaks. Top Lewis 3180.</u>
<u>4932</u>	<u>4976</u>	<u>44</u>	<u>Cliff House ss. Gry, fine-grn, dense sil ss. Top of Cliff House 4932.</u>
<u>4976</u>	<u>5252</u>	<u>276</u>	<u>Manefee formation. Gry, fine-grn s, carb sh and coal. Top Manefee 4976.</u>
<u>5252</u>	<u>5402</u>	<u>150</u>	<u>Point Lookout formation. Gry, very fine sil ss w, frequent sh breaks. Top Point Lookout 5252.</u>
<u>5402</u>	<u>5538</u>	<u>136</u>	<u>Mancos formation. Gry carb sh. Top Mancos 5402.</u>

(OVER)

16-43094-3

FORMATION RECORD—Continued