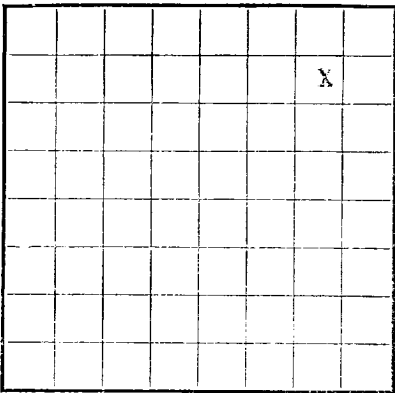


U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 073040
LEASE OR PERMIT TO PROSPECT _____



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 217, Farmington, New Mexico
Lessor or Tract Budge Field Blanco State New Mexico
Well No. 3 Sec. 12 T. 31N R. 11W Meridian NPM County San Juan
Location 290 ft. XXX of 3 Line and 290 ft. XXX of 3 Line of Section 12 Elevation 3068'
(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 School Schuler

Date October 15, 1954 Title Petroleum Engineer

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

Commenced drilling January 1, 19 54 Finished drilling September 27, 19 54

OIL OR GAS SANDS OR ZONES
(Denote gas by G)

No. 1, from 2314 to 2900 (G) No. 4, from 5034 to 5250 (G)
No. 2, from 4452 to 4625 (G) No. 5, from _____ to _____
No. 3, from 4625 to 5034 (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 7/8</u>	<u>25.4</u>	<u>S. A.</u>	<u>Armco</u>	<u>150</u>	<u>Armco</u>				<u>Surface</u>
<u>7</u>	<u>23</u>	<u>8 RD</u>	<u>Foreign</u>	<u>1975.36</u>	<u>Saker</u>				<u>Prod. Csg.</u>
<u>7</u>	<u>20</u>	<u>6 RD</u>	<u>Beang</u>	<u>2422.04</u>					<u>Prod. Csg.</u>
<u>1 1/2</u>	<u>6.55</u>	<u>8 RD</u>	<u>Youngstown</u>	<u>2886</u>	<u>2886</u>				<u>Prod. Tub.</u>
	<u>4.5</u>	<u>8 RD</u>	<u>Youngstown</u>	<u>2305</u>	<u>2305</u>				
					<u>5191</u>				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>5 7/8</u>	<u>170</u>	<u>125</u>	<u>Circulated</u>		
<u>7</u>	<u>4403</u>	<u>50</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

TOOLS USED

Rotary tools were used from _____ feet to 4403 feet, and from 4403 feet to 4680 feet
Cable tools used from _____ feet to 5250 feet, and from _____ feet to _____ feet
XXXXXXXXXXXX

DATES

September 27, 19 54 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 5,355,000 Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. 1000

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
	<u>405</u>	<u>405</u>	<u>Tan cr-grn ss w/thin sh breaks.</u>
<u>405</u>	<u>1150</u>	<u>745</u>	<u>Variegated sh w/thin ss breaks.</u>
<u>1150</u>	<u>1347</u>	<u>697</u>	<u>Tan to gry cr-grn ss interbedded w/gry sh.</u>
<u>1347</u>	<u>1904</u>	<u>57</u>	<u>Cliff House ss. Tan cr-grn ss.</u>
<u>1904</u>	<u>2353</u>	<u>449</u>	<u>Point Lookout formation. Gry sh interbedded w/tight gry ss-grn ss.</u>
<u>2353</u>	<u>2314</u>	<u>461</u>	<u>Point Lookout formation. Gry carb sh, scattered coals coals and gry, tight, fine-grn ss.</u>
<u>2314</u>	<u>2900</u>	<u>586</u>	<u>Pictured Cliffs formation. Gry, fine-grn, tight, varicolored soft ss.</u>
<u>2900</u>	<u>4452</u>	<u>1552</u>	<u>Lewis formation. Gry to white dense sh w/silty to shaly ss breaks.</u>
<u>4452</u>	<u>4625</u>	<u>173</u>	<u>Cliff House ss. Gry, fine-grn, dense sil ss.</u>
<u>4625</u>	<u>5034</u>	<u>459</u>	<u>Menefee formation. Gry, fine-grn s, carb sh and coal.</u>
<u>5034</u>	<u>5250</u>	<u>166</u>	<u>Point Lookout formation. Gry, very fine sil ss w/frequent sh breaks.</u>
			<u>Tops</u>
			<u>Ojo Alamo 1347</u>
			<u>Kirtland 1904</u>
			<u>Fruitland 2353</u>
			<u>Pictured Cliffs 2314</u>
			<u>Lewis 2900</u>
			<u>Cliff House 4452</u>
			<u>Menefee 4625</u>
			<u>Point Lookout 5034</u>

7-21-54 Total depth 5250' w/s hole. Interval 5078-5250'.
Sand-oil fracture oint lookout with 15,900 gallons oil and 11,000# sand. BDP
1100#, maximum pressure 1500#, injection rate 285 gallons per minute. Natural gas
3,790 MCF, gas 5 hours after 8,240 MCF.

7-20-54 1st 4000. Straight hole. Interval treated 4000-4680. Sand-oil fracture with 9194 gallons oil and 3600# of turp-ling (various hulls) and 1700# maximum pressure 4000#. Injection rate 7 barrels per minute. Cage before 175 WIP. Cage 14 hours after 1,350 WIP.

7-21-54 Total depth 5250' w/s hole. Interval 5078-5250'.
Sand-oil fracture oint lookout with 15,900 gallons oil and 11,000# sand. BDP
1100#, maximum pressure 1500#, injection rate 285 gallons per minute. Natural gas
3,790 MCF, gas 5 hours after 8,240 MCF.