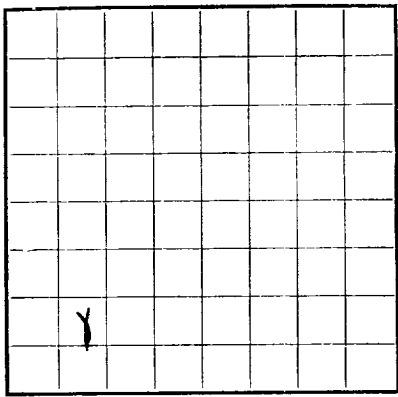


U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 078040
LEASE OR PERMIT TO PROSPECT _____



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 Indigo Field Blanco State New Mexico
Well No. 6 Sec. 11 T. 31N R. 11W Meridian N. M. P. M. County San Juan
Location 1433 ft. N. of S. Line and 46 ft. E. of W. Line of Section 11 Elevation 6022'
(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 S. Schulerman

Date October 20, 1953 Title Petroleum Engineer

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

Commenced drilling 9-25, 1953 Finished drilling 9-10, 1953

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

No. 1, from 2702 to 2703 (G) No. 4, from 4963 to 5059 (G)
No. 2, from 4312 to 4491 (G) No. 5, from _____ to _____
No. 3, from 4491 to 4963 (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. V.</u>	<u>Arneo</u>	<u>14</u>	<u>Arneo</u>				<u>Surface</u>
<u>7</u>	<u>23</u>	<u>8-1/2</u>	<u>Arneo</u>	<u>1994</u>	<u>Arneo</u>				<u>Prod. Co.</u>
<u>7</u>	<u>20</u>	<u>8-1/2</u>	<u>Arneo</u>	<u>1994</u>	<u>Arneo</u>				<u>Prod. Co.</u>
<u>2</u>	<u>4.7</u>	<u>6</u>	<u>Youngs</u>	<u>5022</u>					<u>Prod. Th.</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>172</u>	<u>125</u>	<u>Circulated</u>		
<u>7</u>	<u>4280</u>	<u>500</u>	<u>ing. 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.A.W.</u>	<u>1000</u>	<u>9-11-53</u>	<u>4369-5059</u>	<u>5059</u>

TOOLS USED

Rotary tools were used from _____ feet to 4280 feet, and from 4280 feet to 5059 feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

_____ 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 6,544, 00 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	
0	300	300	Tan cr-grn ss w/thin sh breaks.	
300	1023	723	Variegated sh w/thin ss breaks.	
1023	1500	477	Tan to gry cr-grn ss interbedded w/gry sh.	
1500	1746	246	Ojo Alamo ss. White cr-grn s.	
1746	2245	499	Kirtland formation. Gry sh interbedded w/tight gry fine-grn ss.	
2245	2702	457	Fruitland formation. Gry carb sh, scattered coals coals and gry. tight, fine-grn ss.	
2702	2703	1	Pictured Cliffs formation. Gry, fine-grn, tight, varicolored soft ss.	
2703	4312	1609	Lewis formation. Gry to white dense sh w/shaly to shaly ss breaks.	
4312	4491	179	Cliff House ss. Gry, fine-grn, dense sil ss.	
4491	4963	472	Menefee formation. Gry, fine-grn s, carb sh and coal.	
4963	5059	96	Point Lookout formation. Gry, very fine sil ss w/frequent sh breaks.	
5059			Mancos formation. Gry carb sh.	
			Tops	
Ojo Alamo	1500		Cliff House	4312
Kirtland	1746		Menefee	4491
Fruitland	2245		Pt. Lkout	4963
Pict. Cli	2702		Mancos	5059
Lewis	2703			

