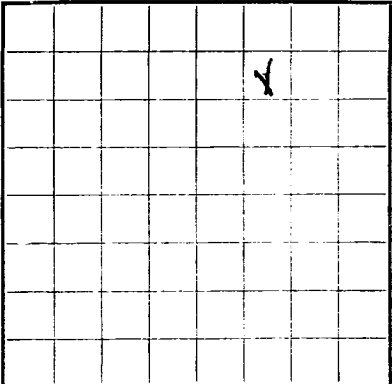


U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 070951
LEASE OR PERMIT TO PROSPECT _____



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 Hodges Field Blanco State New Mexico
Well No. 1 Sec. 5 T. 22 N. R. 7 W. Meridian N. M. P. M. County Rio Arriba
Location 790 ft. N. of N. Line and 1850 ft. W. of E. Line of Section 5 Elevation 6121'
(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 _____ Title Petroleum Engineer.

Date October 9, 1953

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

Commenced drilling July 25, 1953 Finished drilling August 12, 1953

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

No. 1, from 3011 to 3075 (G) No. 4, from 5117 to 5222 (G)
No. 2, from 4608 to 4798 (G) No. 5, from _____ to _____
No. 3, from 4798 to 5117 (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
<u>9-5/8</u>	<u>25.4</u>	<u>8 W.</u>	<u>Armco</u>	<u>163</u>	<u>Armco</u>			<u>Surface</u>
<u>7</u>	<u>17</u>	<u>8 W.</u>	<u>Armco</u>	<u>163</u>	<u>Armco</u>			<u>From Csg.</u>
<u>2</u>	<u>4.7</u>	<u>8 RD</u>	<u>Youngst.</u>	<u>5202</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>175</u>	<u>125</u>	<u>Circulated</u>		
<u>7</u>	<u>4590</u>	<u>500</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.N.G.</u>	<u>1365</u>	<u>3-12-53</u>	<u>4671-5261</u>	<u>5261</u>

TOOLS USED

Rotary tools were used from _____ feet to 4590 feet, and from 4590 feet to 5261 feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

August 14, 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 4,260,000 Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. 1091

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	377	377	Tan cr-grn ss w/thin sh breaks. Variegated sh w/thin ss breaks. Tan to gry cr-grn ss interbedded w/gry sh. Ojo Alamo ss. White cr-grn s. Kirtland formation. Gry sh interbedded w/tight gry fine-grn ss. Fruitland formation. Gry carb sh, scattered coals coals and gry. tight, fine-grn ss. Pictured Cliffs formation. Gry, fine-grn, tight, varicolored soft ss. Lewis formation. Gry to white dense sh w/silty to shaly ss breaks. Cliff House ss. Gry, fine-grn, dense sil ss. Menefee formation. Gry, fine-grn s. carb sh and coal. Point Lookout formation. Gry, very fine sil ss w/frequent sh breaks. Mancoes formation. Gry carb sh.
377	1153	776	
1153	1738	585	
1738	1813	75	
1813	2545	732	
2545	3011	466	Ojo Alamo 1738 Cliff House 4608 Kirtland 1813 Menefee 4798 Fruitland 2545 Pt. Lkout 5117 Pict. Cli. 3011 Mancoes 5222 Lewis 3075
3011	3075	64	
3075	4608	1533	
4608	4798	190	
4798	5117	319	
5117	5222	105	
5222	5261	39	

Tops

Ojo Alamo	1738	Cliff House	4608
Kirtland	1813	Menefee	4798
Fruitland	2545	Pt. Lkout	5117
Pict. Cli.	3011	Mancoes	5222
Lewis	3075		

