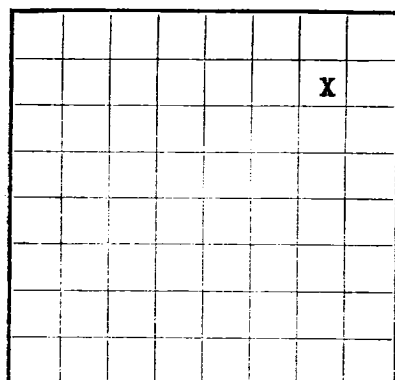


Approval expires 12-31-00.

U. S. LAND OFFICE **Santa Fe**

SERIAL NUMBER **078129**

LEASE OR PERMIT TO PROSPECT



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

RECEIVED
FEB 14 1956
U. S. GEOLOGICAL SURVEY
FARMINGTON NEW MEXICO

LOG OF OIL OR GAS WELL.

LOCATE WELL CORRECTLY

Company	<u>El Paso Natural Gas Company</u>			Address	<u>Box 997, Farmington, New Mexico</u>		
Lessor or Tract	<u>Pierce</u>			Field	<u>Blanco</u>	State	<u>New Mexico</u>
Well No.	<u>2</u>	Sec. <u>8</u>	T. <u>30N</u> R. <u>9W</u>	Meridian	<u>NMPM</u>	County	<u>San Juan</u>
Location	<u>1090</u> ft.	<u>S.</u> of <u>N</u> Line and	<u>990</u> ft.	<u>E</u> of <u>E</u> Line of	<u>Section 8</u>	Elevation	<u>6241</u>

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 Carol Williams

Date February 9, 1956 Title Petroleum Engineer

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

Commenced drilling November 7 19 55 Finished drilling November 23 19 55

OIL OR GAS SANDS OR ZONES

(Denote gas by $\mathbb{G}$)

(Sends gas by G)
No. 1, from 2978 to 3030 G No. 4, from 5194 to 5268 G
No. 2, from 4727 to 4823 G No. 5, from to
No. 3, from 4823 to 5194 G No. 6, from to

RECEIVED
FEB 23 1955
OIL

IMPORTANT WATER SANDS

No. 1, from _____ to _____
No. 2, from _____ to _____
No. 3, 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	
9 5/8"	25.4#	P.E.	S.W.	163'	Howco				Surface
7 1/2"	20#	8 RD	J-55	3037'	Baker				Intermediate
5 1/2"	15.50#	8 RD	J-55	5285'	Baker				Prod. Tubg.
2"	4.7#	8 RD	J-55	5302'					Prod. Tubg.

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9-5/8"	176'	125	Circulated		
7"	3050'	250	Single Stage		
5-1/2"	5395'	323	Single Stage		

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
		See Well History.				

TOOLS USED

Rotary tools were used from 0 feet to 3050 feet, and from 3050 feet to 5395 feet.

Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

December 5, 1956 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 7,158,000 Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. ----- 1046

EMPLOYEES

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

FORMATION RECORD

FROM-	TO-	TOTAL FEET	FORMATION
0	320	320	Tan cr-grn ss w/thin sh breaks.
320	972	652	Variegated sh w/thin ss breaks.
972	1694	722	Tan to gry cr-grn ss interbedded w/gry sh.
1694	1810	116	Ojo Alamo ss. White cr-grn s.
1810	2618	808	Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.
2618	2978	360	Fruitland form. Gry carb sh, scattered coals coals and gry, tight, fine-grn ss.
2978	3030	52	Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft ss.
3030	4727	1697	Lewis formation. Gry to white dense sh w/silty to shaly ss breaks.
4727	4823	96	Cliff House ss. Gry, fine-grn, dense sil ss.
4823	5194	371	Manefee form. Gry, fine-grn s, carb sh & coal.
5194	5360	166	Fort Lookout form. Gry, very fine sil ss w/frequent sh breaks.
5360	5395 T.D.	35	Mancos formation. Gry carb sh.

