

[illegible]

U. S. LAND OFFICE **Santa Fe**
SERIAL NUMBER **077974**
LEASE OR PERMIT TO PROSPECT

UNITED STATES
DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY OF NEW ZEALAND

LOG OF OIL OR GAS WELL

Company El Paso Natural Gas Company Address Box 997, Farmington, New Mexico
Lessor or Tract Lodewick Field Fulcher-Kutz P.C. State New Mexico
Well No. 2 Sec. 18 T. 27N R. 9W Meridian N.M.P.M. County San Juan
Location 1562 ft. ~~XXX~~ of N Line and 1775 ft. ~~XX~~ of E Line of Section 18 Elevation 6482

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 _____ Original Signed R. G. MILLER

Date November 14, 1958 Title Petroleum Engineer

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

Commenced drilling 5-3- 19 58 Finished drilling 5-5- 19 58

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

(Denote year by G)

No. 1, from <u>2384</u> to <u>2472 (G)</u>	No. 4, from _____ to _____
No. 2, from _____ to _____	No. 5, from _____ to _____
No. 3, from _____ to _____	No. 6, from _____ to _____

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—	
8 5/8"	24	8 Rd.	J-55	112'	Howco				Surface Prod. csg.
5 1/2"	15.5	8 Rd.	J-55	2478'	Baker				
1 1/4"	2.4	8 Rd.	Grade "A"	2398'					Siphon

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8"	121'	100	Circulated		
5 1/2"	2488'	200	Single Stage		

PLUGS AND ADAPTERS

Heaving plug—Material Length Depth set

Adapters—Material Size

SHOOTING RECORD

[illegible]

TOOLS USED

Rotary tools were used from 0 feet to 2190 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

-----9-13-, 19 58 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 3,814,000 Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. -----575----- A.O.F.--5240 MCF/D

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	1458	1458	Tan to gry cr-grn ss interbedded w/gry sh.
1458	1593	135	Ojo Alamo ss. White cr-grn s.
1593	2203	610	Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.
2203	2384	181	Fruitland form. Gry carb sh, scattered coals, coals and gry, tight, fine-grn ss.
2384	2472	88	Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft ss.
2472	2490	18	Lewis formation. Gry to white dense sh w/silty to shaly ss breaks.

