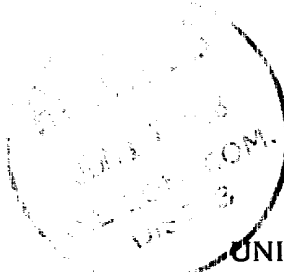


[illegible]

LOCATE WELL CORRECTLY



U. S. LAND OFFICE **Santa Fe**
SERIAL NUMBER **079298**
LEASE OR PERMIT TO PROSPECT

UNITED STATES RECEIVED
DEPARTMENT OF THE INTERIOR JUN 16 1958
GEOLOGICAL SURVEY U. S. GEOLOGICAL SURVEY
FARMINGTON, NEW MEXICO

LOG OF OIL OR GAS WELL

Company El Paso Natural Gas Company Address Box 997, Farmington, New Mexico
 Lessor or Tract Rincon Unit Field Blanco State New Mexico
 Well No. 123 Sec. 13 T. 27N R. 7W Meridian N.M.P.M. County Rio Arriba
 Location _____ ft. $\left\{ \begin{array}{c} N \\ S \end{array} \right\}$ of _____ Line and _____ ft. $\left\{ \begin{array}{c} E \\ W \end{array} \right\}$ of _____ Line of _____ Elevation _____
(Derive from celestial or land)

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 D. C. Johnston

Date June 11, 1958 Title Petroleum Engineer

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

Commenced drilling 3-29, 1958 Finished drilling 4-10-, 1958

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3244 to 3347 (G) No. 4, from 5481 to 5656 (G)
 No. 2, from 4955 to 5022 (G) No. 5, from _____ to _____
 No. 3, from 5022 to 5184 (G) 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 casting	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
10 3/4"	32.75	P.E.	S.W.	162'	Horse				Surface
7 5/8"	26.40	8 Rd.	J-55	3415'	Baker				Intermediate
5 1/2"	15.80	8 Rd.	J-55	2338'	Baker				Prod. liner
2"	4.7	8 Rd.	J-55	5599'					Prod. tbg.

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10 3/4"	173'	150	circulated		
7 5/8"	3425'	150	single stage		
5 1/2"	3378-5717'	250	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 175 feet to 3428 feet, and from 3428 feet to 5717 feet.

Cable tools were used from 0 feet to 175 feet, and from _____ feet to _____ feet.

DATES

-----~~4-17~~-----, 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 2,738.00 Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. ----- 11,22 ----- A.O.F. -- 3735 MCF/D

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	2438	2438	Tanto gry cr-grn ss interbedded w/gry sh.
2438	2615	177	Ojo Alamo ss. White cr-grn s.
2615	2964	349	Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.
2964	3244	280	Fruitland form. Gry carb sh, scattered coals, coals and gry, tight, fine-grn ss.
3244	3347	103	Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft ss.
3347	4955	1608	Lewis formation. Gry to white dense sh w/silty to shaly ss breaks.
4955	5022	67	Cliff House ss. Gry, fine-grn, dense sil ss.
5022	5484	462	Menefee form. Gry, fine-grn s, carb sh & coal
5484	5656	172	Point Lookout form. Gry, very fine sil ss' w/frequent sh breaks.
5656	5717	61	Mancos formation. Gry carb sh.

[illegible]

4-13-58 Part. Point Lookout 5386-5436; 5436-5496; 5516-5586; 5602-5656 w/1 pt/str.
 Prec. w/54,000 gal. water and 15,000f sand. No rd pr. max. pr. 3000f; tr. pr.
 1300-1600-2200-2800-3000f. Max. I.R. 35 ft. max. finished w/5500 gal. water.
 Gas rate, @ 5100'.
 Part. City House 4990-4982; 5000-5022 w/1 pt/str. Precd w/40,000 gal.
 water and 40,000f sand. Down broke at 3000f. Max. pr. 3000f; tr. pr. 2100-2500-
 2800f. Avg. Ing. 36 RIM. Drilled 3 sets of 18 holes--4 stages. Finished w/8500
 gal.
 On Point Lookout dropped 5 sets of 30 balls for 6 stages.