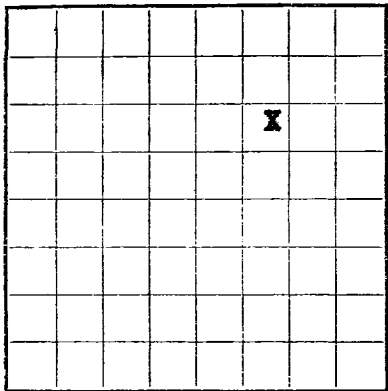


Form 9-330

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

SERIAL NUMBER **080472 - A**

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 990, Farmington, New Mexico**
Lessor or Tract **Tonkin Federal** Field **So. Blanco P. C.** State **New Mexico**
Well No. **3** Sec. **18** T. **24N** R. **3W** Meridian **N.M.P.M.** County **Rio Arriba**
Location **1470** ft. **18X** of **N** Line and **1750** ft. **18X** of **E** Line of **Sec. 18** Elevation **6906'**
(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 **ORIGINAL SIGNED J.J. TILLERSON**

Date **July 29, 1960** Title **Petroleum Engineer**

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

Commenced drilling **6-3-**, 19 **60** Finished drilling **6-6-**, 19 **60**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **3030** to **3096 (G)** 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. 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—	
8 5/8"	21	8	API	125	API	3030			Surface casing
5 1/2"	16.3	8	API	200	API	3096			Prod tubing
1 1/4"	2.4	10 Rd.	Grade "A"	3057					

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8"	107	98	circulated		
5 1/2"	313	68	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 **335** feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

6-12-, 19 **60** 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 **1,234,000** Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. **988** **A.O.F. - 1248 MCF/D**

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	2555	2555	Tan to gry cr-grn ss interbedded w/gry sh.
2555	2675	120	Ojo Alamo ss. White cr-grn s.
2675	2870	195	Kirtland form Gry sh interbedded w/tight gry fine-grn ss.
2870	3030	160	Fruitland form. Gry carb sh, scattered coals, coals and gry, tight, fine-grn ss.
3030	3096	66	Pictured Cliffs forms Gry, fine-grn, tight, varicolored soft ss.
3096	3135	39	Lewis form. Gry, fine-grn, dense sil ss.
FROM—	TO—	TOTAL FEET	FORMATION

