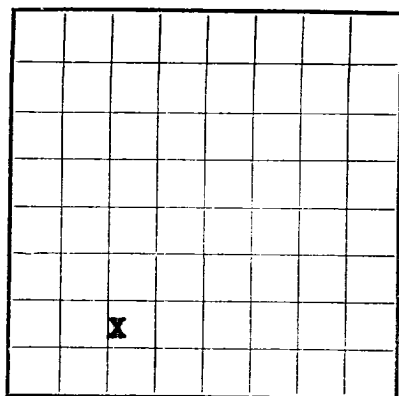


U. S. LAND OFFICE **New Mexico**SERIAL NUMBER **0607**

LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
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 **Atlantic** Field **Blanco** State **New Mexico**
Well No. **4-C** Sec. **31** T. **31N** R. **10W** Meridian **NMPM** County **San Juan**
Location **990** ft. **N.** of **S.** Line and **1650** ft. **E.** of **W.** Line of **Sec. 31** Elevation **6070'**
(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 **G. F. J. J. J.**
Date **February 24, 1955** Title **Petroleum Engineer**

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

Commenced drilling **January 19**, 19**55** Finished drilling **February 7**, 19**55**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **2710** to **2835 (G)** No. 4, from **4924** to **5080 (G)**
No. 2, from **4296** to **4506 (G)** No. 5, from _____ to _____
No. 3, from **4506** to **4924 (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
							From—	To—	
9 5/8	36	8 RD	2-35	16	House				Surface
7	27	8 RD	2-35	16	House				Surface
2	4.7	8 RD	Youngstown	5063					Prod. Log.

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9 5/8	174	125	Circulated		
7	4890	500	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 _____ feet to _____ feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

February 8, 19**55** 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 **5,369,000** Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. **1035**

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	442	442	Tan cr-grn ss w/thin sh breaks.
442	807	365	Variegated sh w/thin ss breaks.
807	1774	967	Tan to gry cr-grn ss interbedded w/gry sh.
1774	1950	176	Ojo Alamo ss. White gr-grn s.
1950	2320	370	Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.
2320	2710	390	Fruitland form. Gry carb sh, scattered coals coals and gry, tight, fine-grn ss.
2710	2835	125	Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft ss.
2835	4296	1461	Lewis form. Gry to white dense sh w/silty to shaly ss breaks.
4296	4506	210	Cliff House ss. Gry, fine-grn, dense sil ss.
4506	4924	418	Manefee formation. Gry, fine-grn s, carb sh and coal.
4924	5080	156	Point Lookout form. Gry, very fine sil ss w/frequent sh breaks.

