

U. S. LAND OFFICE **Santa Fe**
SERIAL NUMBER **078147**
LEASE OR PERMIT TO PROSPECTUNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company **El Paso Natural Gas Company** Address **Box 997, Farmington, New Mexico**
Lessor or Tract **Moore** Field **Blanco** State **New Mexico**
Well No. **5** Sec. **24** T. **32N** R. **12W** Meridian **NMPM** County **San Juan**
Location **990** ft. **(N.)** of **S** Line and **1650** ft. **(E.)** of **W** Line of **Section 24** Elevation **6556'**
(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 **D. C. Johnston**Date **March 15, 1955** Title **Petroleum Engineer**

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

Commenced drilling **January 23**, 19 **55** Finished drilling **February 27**, 19 **55**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **3040** to **3107 (G)** No. 4, from **5378** to **5527 (G)**
No. 2, from **4855** to **5000 (G)** No. 5, from _____
No. 3, from **5000** to **5378 (G)** No. 6, from _____

IMPORTANT WATER SANDS

No. 1, from _____ to _____ No. 3, from _____
No. 2, from _____ to _____ No. 4, from _____

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Corroded	Purpose
9 5/8"	36#	8 RD	J-55	161'	Howco		From— To—	Surface
7"	28#	8 RD	J-55	179'	Baker			Producing.
5 1/2"	22#	8 RD	J-55	675'	Baker			Producing.
2"	4.7#	8 RD	J-55	5945'	Howco			Prod. Tbg.

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9 5/8"	171'	125	Circulated		
7"	4810'	500	Single Stage		
5 1/2"	4645-5330	193			

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 **4810** feet, and from **4810** feet to **5580** feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

_____ **March 1**, 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 **4,922,000** Gallons gasoline per 1,000 cu. ft. of gas _____Rock pressure, lbs. per sq. in. **1054**

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	608	608	Tan cr-grn ss w/thin sh breaks.
608	1915	1307	Variegated sh w/thin ss breaks.
1915	2322	407	Tan to gry cr-grn ss interbedded w/gry sh.
2322	2382	60	Ojo Alamo ss. White cr-grn s.
2382	2618	236	Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.
2618	3040	422	Fruitland form. Gry carb sh, scattered coals coals and gry, tight, fine grn ss.
3040	3107	67	Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft ss.
3107	4855	1748	Lewis form. Gry to white dense sh w/silty to shaly ss breaks.
4855	5000	145	Cliff House ss. Gry, fine-grn, dense sil ss.
5000	5378	378	Menefee form. Gry, fine-grn s, carb sh and coal.
5378	5527	149	Point Lookout form. Gry, very fine sil ss w/frequent sh breaks.
5527	5580	53	M-neos formation. Gry carb sh.

