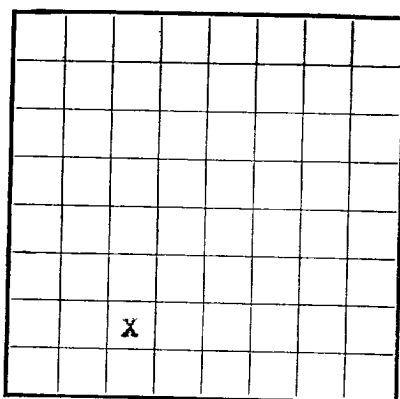




LOCATE WELL CORRECTLY

U. S. LAND OFFICE **New Mexico**
SERIAL NUMBER **03385**
LEASE OR PERMIT TO PROSPECTUNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company **El Paso Natural Gas Company** Address **Box 997, Farmington, New Mexico**
Lessor or Tract **San Juan 30-6 Unit** Field **Blanco** State **New Mexico**
Well No. **17** Sec. **18** T **30N** R. **6W** Meridian **N.M.P.M.** County **Rio Arriba**
Location **800** ft. **N.** of **S** Line and **1500** ft. **E.** of **W** Line of **Section 18** Elevation **6640'**
(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 D. C. Johnston**Date **October 25, 1957**Title **Petroleum Engineer**

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

Commenced drilling **8-10**, 19 **57** Finished drilling **9-13**, 19 **57**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **3570** to **3692 (G)** No. 4, from **5750** to **6018 (G)**
No. 2, from **5440** to **5485 (G)** No. 5, from _____ to _____
No. 3, from **5485** to **5750 (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—	
10 3/4"	32.75	P. E.	S. W	160					Surface
7 5/8"	26.4	8 Rd.	J-55	3700	Baker				Intermediate
5 1/2"	15.5	8 Rd.	J-55	6050	Baker				Prod. Csg.
2"	4.7	8 Rd.	J-55	5964					Prod. Tubing

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10 3/4"	175'	150	Circulated		
7 5/8"	3808	250	Single Stage		
5 1/2"	6049'	300	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

TOOLS USED

Gas Drilled

Rotary tools were used from **178** feet to **3810** feet, and from **3810** feet to **6050** feet
Cable tools were used from **0** feet to **178** feet, and from _____ feet to _____ feet

DATES

9-20, 19 **57** 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 **5,326,000** Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. **1086** A.O.F. = **17,480 MCF/D**

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	2537	2537	Tan to gry cr-grn ss interbedded w/gry sh.
2537	2735	198	Ojo Alamo ss. White cr-grn s.
2735	3220	485	Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.
3220	3570	350	Fruitland form. Gry carb sh, scattered coals, coals and gry, tight, fine-grn ss.
3570	3692	122	Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft ss.
3692	5440	1748	Lewis formation. Gry to white dense sh w/silty to shaly ss breaks.
5440	5485	45	Cliff House ss. Gry, fine-grn, dense sil ss.
5485	5750	265	Manefee form. Gry, fine-grn s, carb sh & coal.
5750	6018	268	Point Lockout form. Gry, very fine sil ss w/frequent sh breaks.
6018	6050	32	Mancos formation. Gry carb sh.

FORMATION RECORD—Continued

[illegible]

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "sidetracked" or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or balling.

HISTORY OF OIL OR GAS WELL

16-43094-2 U. S. GOVERNMENT PRINTING OFFICE

9-11-57 J. D. 6053, Plug back 5930. Fert. 5894-5910, 5785-5809, 5755-5775
w/2DJ/ft. Water traced. Menacee w/52,608 gal. water, 53,000# sand.
Flushed w/6500 gal. water. IR 49 BHM. Max. pr. 3000 psi,
BD pr. 1800 psi, tr. pr. 1500, 1700, 1900, 2500 psi. Dropped 3 sets of 20
balls each. Set temporary bridge plug at 5700'. Fert. 5453-85 w/2DJ/ft.
Water traced. Cliff House w/37,698 gal. water, 40,000# sand. IR 72.5
BHM. Max. pr. 1800 psi, avg. tr. pr. 1650. BD pr. 1700 psi.