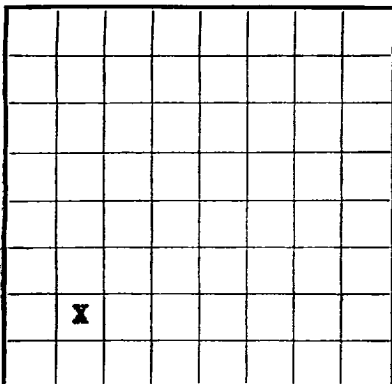
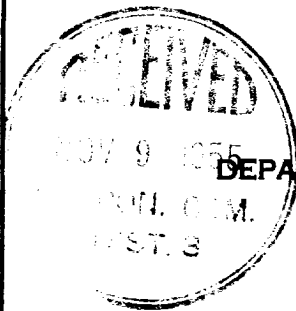




LOCATE WELL CORRECTLY

U. S. LAND OFFICE **New Mexico**
SERIAL NUMBER **012293**
LEASE OR PERMIT TO PROSPECT **14-08-001-538**UNITED 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 **McCulley** Field **Blanco** State **New Mexico**
Well No. **2-A** Sec. **12** T. **30N** R. **7W** Meridian **NMPM** County **Rio Arriba**
Location **960** ft. **[N.]** of **E.** Line and **810** ft. **[E.]** of **W.** Line of **Section 12** Elevation **6374**
(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 **[Signature]**Date **October 14, 1955** Title **Petroleum Engineer**

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

Commenced drilling **August 5, 1955** Finished drilling **August 24, 1955**

OIL OR GAS SANDS OR ZONES

No. 1, from **3305** to **3418 (G)** No. 4, from **5245** to **5694 (G)**
No. 2, from **5167** to **5223 (G)** No. 5, from _____ to _____
No. 3, from **5223** to **5515 (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	Thread per inch	Make	Amount	Kind of steel	Out and pulled from	Perforated	Purpose
9 5/8"	25.14	7 1/2"	S. L.	161'	Howco			Surface
7"	17.1	6 1/2"	J-55	5674'				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"	171'	125	Circulated		
7"	3415'	250	Single Stage		
5 1/2"	5694'	175	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 **3415** feet, and from **3415** feet to **5694** feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

Sept. 4, 1955 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 **9,059,000** Gallons gasoline per 1,000 cu. ft. of gas _____Rock pressure, lbs. per sq. in. **1100**

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	1085	1085	Tan cr-grn ss w/thin sh breaks.
1085	1650	565	Variegated sh w/thin ss breaks.
1650	2200	550	Tan to gry cr-grn ss interbedded w/gry sh.
2200	2400	200	Ojo Alamo ss. White cr-grn s.
2400	2910	510	Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.
2910	3305	395	Fruitland form. Gry carb sh, scattered coals coals and gry, tight, fine-grn ss.
3305	3418	113	Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft ss.
3418	5167	1749	Lewis formation. Gry to white dense sh w/silty to shaly ss breaks.
5167	5223	56	Cliff House ss. Gry, fine-grn, dense sil ss.
5223	5515	292	Manatee form. Gry, fine-grn s, carb sh & coal.
5515	5690	175	Point Lookout form. Gry, very fine sil ss w/frequent sh breaks.
5690	5694 T.D.	4	Mancos formation. Gry carb sh.

FROM—

TO—

TOTAL FEET

[OVER]

FORMATION

16-48004-8

FORMATION RECORD—CONTINUED

