

AREA 640 ACRES  
LOCATE WELL CORRECTLY

## NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

## WELL RECORD

Mail to District Office, Oil Conservation Commission, to which Form C-101 was sent not later than twenty days after completion of well. Follow instructions in Rules and Regulations of the Commission. Submit in QUINTUPLICATE.

**El Paso Natural Gas Company**  
(Company or Operator)**Marrio**  
(Lease)Well No. **4-A**, in **NE**  $\frac{1}{4}$  of **15**, T. **30N**, R. **11W**, NMPM.**Astec**

Pool,

**San Juan**

County.

Well is **1567** feet from **North** line and **1637** feet from **East** lineof Section **15**. If State Land the Oil and Gas Lease No. is **222**Drilling Commenced **April 8**, 19**54**. Drilling was Completed **April 27**, 19**54**.Name of Drilling Contractor **Company Tools and Convey Co.**

Address \_\_\_\_\_

Elevation above sea level at Top of Tubing Head **5222' 00"**. The information given is to be kept confidential until \_\_\_\_\_, 19\_\_\_\_.

## OIL SANDS OR ZONES

No. 1, from **2222'** to **2340' (G)** No. 4, from \_\_\_\_\_ to \_\_\_\_\_

No. 2, from \_\_\_\_\_ to \_\_\_\_\_ No. 5, from \_\_\_\_\_ to \_\_\_\_\_

No. 3, from \_\_\_\_\_ to \_\_\_\_\_ No. 6, from \_\_\_\_\_ to \_\_\_\_\_

## IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from \_\_\_\_\_ to \_\_\_\_\_ feet.

No. 2, from \_\_\_\_\_ to \_\_\_\_\_ feet.

No. 3, from \_\_\_\_\_ to \_\_\_\_\_ feet.

No. 4, from \_\_\_\_\_ to \_\_\_\_\_ feet.



## CASING RECORD

SIZE	WEIGHT PER FOOT	NEW OR USED	AMOUNT	KIND OF SHOE	CUT AND PULLED FROM	PERFORATIONS	PURPOSE
9 5/8	25.4	New	96	Arrow			Surface
5 1/2	15.50	New	2272	Arrow			Prod. Csg.
1"	1.68	New	2318				Prod. Tbg.

## MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
13 3/4	9 5/8	108	125	Circulated		
8 3/4	5 1/2	2222	150	Single Stage		

## RECORD OF PRODUCTION AND STIMULATION

(Record the Process used, No. of Qts. or Gals. used, interval treated or shot.)

**4-28-54 Total Depth 2340' (Net), interval treated 2222' - 2340' (Net), set Baker retainer at 2221' (Net) and treated Pictured Cliffs with 7,500 gallons #2 diesel oil and 5600# sand. Breakdown pressure 1800#, maximum pressure 1000#. Injection rate 4 barrels per minute. Flushed with 30 barrels oil. Natural Gas 95 MCF.**

Result of Production Stimulation **Increased gas to 1,230 twelve hours after treatment**Depth Cleaned Out **2340 (Net)**

# RECORD OF DRILL-STEM AND SPECIAL TESTS

If drill-stem or other special tests or deviation surveys were made, submit report on separate sheet and attach hereto

## TOOLS USED

Rotary tools were used from 0 feet to 2282 feet, and from feet to feet.  
Cable tools were used from 2282 feet to 2340 feet, and from feet to feet.

## PRODUCTION

Put to Producing April 30, 19 54

OIL WELL: The production during the first 24 hours was barrels of liquid of which % was  
was oil; % was emulsion; % water; and % was sediment. A.P.I.  
Gravity

GAS WELL: The production during the first 24 hours was 1,304 M.C.F. plus barrels of  
liquid Hydrocarbon. Shut in Pressure 605 lbs.

Length of Time Shut in 14 days

PLEASE INDICATE BELOW FORMATION TOPS (IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE):

### Southeastern New Mexico

T. Anhy.  
T. Salt.  
B Salt.  
T Yates.  
T 7 Rivers.  
T. Queen.  
T. Grayburg.  
T. San Andres.  
T. Glorieta.  
T. Drinkard.  
T. Tubbs.  
T. Abo.  
T. Penn.  
T. Miss.

T. Devonian.  
T. Silurian.  
T. Montoya.  
T. Simpson.  
T. McKee.  
T. Ellenburger.  
T. Gr. Wash.  
T. Granite.  
T.  
T.  
T.  
T.  
T.

### Northwestern New Mexico

T. Ojo Alamo 1610  
T. Kirtland 1683  
T. ~~Fruitland~~  
T. Pictured Cliffs 2282  
T. Menefee.  
T. Point Lookout.  
T. Mancos.  
T. Dakota.  
T. Morrison.  
T. Penn.  
T. Fruitland 1902  
T.  
T.  
T.

## FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	640	640	Thin cr-grn ss w/thin sh breaks.				
640	1005	365	Variogated sh w/thin ss breaks.				
1005	1610	605	Thin to gry cr-grn ss interbedded v/gry sh.				
1610	1683	73	Ojo Alamo ss. White cr-grn s.				
1683	1902	219	Kirtland formation. Gry sh interbedded v/tight gry fine-grn ss.				
1902	2282	380	Fruitland formation. Gry carb sh, scattered coals coals and gry, tight fine-grn ss.				
2282	2340	58	Pictured Cliffs formation. Gry, fine-grn, tight, varicolored soft ss.				

OIL CONSERVATION COMMISSION			
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ATTACH SEPARATE SHEET IF ADDITIONAL SPACE IS NEEDED

I hereby swear or affirm that the information given herewith is a complete and correct record of the well and all work done on it so far as can be determined from available records.

Company or Operator El Paso Natural Gas Company  
Name

Address Box 997, Farmington, New Mexico  
Position or Title Petroleum Engineer  
(Date) June 29, 1954