

## 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. If State Land submit 6 Copies

A 10x10 grid with an 'X' in the 3rd column and 5th row.

AREA 640 ACRES  
LOCATE WELL CORRECTLY

El Paso Natural Gas Company

Bruington Pool

(Company or Operator)

(Lose)

Well No. 4, in NE  $\frac{1}{4}$  of SW  $\frac{1}{4}$ , of Sec. 6, T. 30-N, R. 11-W, NMPM.  
Basin Dakota Pool San Juan County.

Well is 2200 feet from South line and 1650 feet from West line

of Section 6 If State Land the Oil and Gas Lease No. is.....

Drilling Commenced 8-26-, 19 61 Drilling was Completed 9-15-, 19 61

Name of Drilling Contractor..... **Moran Drilling Co.**

Address.....3513 E. Main, Farmington, New Mexico

Address..... **Derrick Floor 5767**  
Elevation above sea level at ~~Top of main deck~~.....

Elevation above sea level at Derrick Floor 5767..... The information given is to be kept confidential until  
....., 19.....

### OIL SANDS OR ZONES

No. 1, from 6560 to 6686 (G)  
6586 6634 (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
10 3/4"	32.75	New	284	HOWCO			Surface
4 1/2"	10.5 & 11.6	New	6858	Baker		6620-6718; 6738-6830	Intermediate
2 3/8"	4.7	New	6768	Baker			Prod tubing

### MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
15	10 3/4"	297	220	circulated		
7 7/8"	4 1/2"	6871	370	2 stage		

### RECORD OF PRODUCTION AND STIMULATION

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

6738-44; 6754-60; Frac Dak. w/50,490 gal water, 50,000# sand. BDP 700#, MP 3700#, avg tr pr  
6778-84; 6814-20; 3700-3500-3600#. IR 34 BPM. Flush w/4287 gal. Dropped 4 sets of 24 balls  
6824-30; each - 5 stages. Spotted 250 gal MCA from 6816-6444. All water contained  
1# calcium chloride, 7# WG-4/1000 gal.

6620-26;6630-36 Frac Dak. v/35,826 gal. water, 50,000# sand. BDP 500#, MP 3700#, ATP 3700#.  
6688-94;6698-6704;I.R. 32.4 BPM. Flush 4430 gal. Dropped 2 sets of 24 balls each. All frac  
6712-6718 water contained 1% calcium chloride & 7# WG-4/1000 gal.

Result of Production Stimulation.....  
A.O.F. 3822 MCF/D.    Choke Volume - 3128 MCF/D

..Depth Cleaned Out.....6840

# 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 6871 feet, and from feet to feet.  
Cable tools were used from feet to feet, and from feet to feet.

## PRODUCTION

Put to Producing 10-9-1961

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

GAS WELL: The production during the first 24 hours was 3822 M.C.F. plus barrels of liquid Hydrocarbon. Shut in Pressure 2077(tbg.) 2075 (csg.)  
Length of Time Shut in 16 days

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

### Southeastern New Mexico

### Northwestern New Mexico

T. Anhy.	T. Devonian.	T. Ojo-Alamo.	775
T. Salt.	T. Silurian.	T. Kirtland-Fruitland.	892
B. Salt.	T. Montoya.	T. Fruitland	1835
T. Yates.	T. Simpson.	T. Pictured Cliffs	2184
T. 7 Rivers.	T. McKee.	T. Menefee	2240
T. Queen.	T. Ellenburger.	T. C. House	3874
T. Grayburg.	T. Gr. Wash.	T. Menefee	3952
T. San Andres.	T. Granite.	T. Point Lookout	4511
T. Glorieta.	T.	T. Mancos	4716
T. Drinkard.	T.	T. Gallup	5662
T. Tubbs.	T.	T. Greenhorn	6505
T. Abo.	T.	T. Graneros	6560
T. Penn.	T.	T. Dakota	6686
T. Miss.	T.	T. Morrison	6834

## FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	775	775	Tan to gry cr-grn ss interbedded w/gry sh.				
775	892	117	Ojo Alamo ss. White cr-grn s.				
892	1835	943	Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.				
1835	2184	349	Fruitland form. Carb sh, scattered coals, coals and gry, tight fine-grn ss.				
2184	2240	56	Pictured Cliffs form. Gry, fine-grn, tight varicolored soft ss.				
2240	3874	1634	Lewis form. Gry, fine-grn, dense sil ss.				
3874	3952	78	Cliff House ss. Gry, fine-grn, dense sil ss.				
3952	4511	559	Menefee form. Gry, fine-grn s, carb sh & coal.				
4511	4716	205	Point Lookout form. Gry, very fine sil ss w/frequent sh breaks.				
4716	5662	946	Mancos form. Gry carb sh.				
5662	6505	843	Gallup form. Lt gry to brn calc carb micac glauco very fine gry ss w/irreg. interbed sh.				
6505	6560	55	Greenhorn form. Highly calc gry sh w/thin lmst.				
6560	6686	126	Graneros form. Dk gry shale, fossil & carb w/prite incl.				
6686	6834	148	Dakota form. Lt to dk gry foss carb sl calc sl silty ss w/prite incl thin sh bands clay & shale breaks.				
6834	6871	37	Morrison form. Interbed gry brn and red waxy sh & fr to cr grn sand.				

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.

October 18, 1961

Company or Operator El Paso Natural Gas Company  
Original Signed R. G. MILLER  
Name

Address Box 990, Farmington, New Mexico  
Position Title Petroleum Engineer