

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

Harvey State

(Company or Operator)

(Lease)

Well No. **2**, in **NE** $\frac{1}{4}$ of **NW** $\frac{1}{4}$ of Sec. **16**, T. **25N**, R. **7W**, NMPM.

Wildcat

Rio Arriba

County.

Well is **1150** feet from **North** line and **1650** feet from **West** lineof Section **16**. If State Land the Oil and Gas Lease No. is **E-2877**Drilling Commenced **9-27-55**, 19..... Drilling was Completed **11-20-55**, 19.....Name of Drilling Contractor **Company Tools**

Address.....

Elevation above sea level at Top of Tubing Head **6864'**. The information given is to be kept confidential until....., 19.....

OIL SANDS OR ZONES

No. 1, from **2613** to **2665 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	121'	Howco			Surface
7"	20	New	2615'	Baker			Prod. Csg.
1"	1.68	New	2665'				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"	133'	100	Circulated		
8 3/4"	7"	2625'	150	Single Stage		

RECORD OF PRODUCTION AND STIMULATION

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

11-21-55 T.D. 2685'. Water fractured Pictured Cliff formation from 2625' - 2685' with 38,396 gallons water and 58,500# sand. BHP 1500#, maximum pressure 1500#, average treating Pressure 1200#. Injection rate 54.5 bbls./min. Flush 4500 gallons. Natural gage 116 MCF/D.

Result of Production Stimulation.....

2,506 MCF/D

Depth Cleaned Out.....

2685'

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 2625 feet, and from 2625 feet to 2685 feet.
Cable tools were used from 2625 feet to 2685 feet, and from 2685 feet to 2685 feet.

PRODUCTION

Production Completed 11-25-55, 19

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 2506 M.C.F. plus barrels of liquid Hydrocarbon. Shut in Pressure 650 lbs.

Length of Time Shut in 18 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	2074
T. Salt	T. Silurian	T. Kirtland	2130
B. Salt	T. Montoya	T. Fruitland	2438
T. Yates	T. Simpson	T. Pictured Cliffs	2613
T. 7 Rivers	T. McKee	T. Menefee	
T. Queen	T. Ellenburger	T. Point Lookout	
T. Grayburg	T. Gr. Wash	T. Mancos	
T. San Andres	T. Granite	T. Dakota	
T. Glorieta	T.	T. Morrison	
T. Drinkard	T.	T. Penn	
T. Tubbs	T.	T. Lewis	2665
T. Abo	T.	T.	
T. Penn	T.	T.	
T. Miss	T.	T.	

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	350	350	Tan cr-grn ss w/thin sh breaks.				
350	815	465	Variegated sh w/thin ss breaks.				
815	2074	1159	Tan to gry cr-grn ss interbedded w/gry sh.				
2074	2130	56	Ojo Alamo ss. White cr-grn ss.				
2130	2438	308	Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.				
2438	2613	175	Fruitland form. Gry carb sh, scattered coals & gry, tight, fine-grn ss.				
2613	2665	52	pictured Cliffs form. Gry, fine-grn, tight, varicolored soft ss.				
2665	2685	20	Lewis formation. Gry to white dense sh w/silty to shaly ss breaks.				
	T.D.						

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.

January 4, 1956

(Date)

Company or Operator El Paso Natural Gas Company

Address Box 997, Farmington, New Mexico

Name R. F. Zeller

Position or Title Petroleum Engineer