

**Santa Fe, New Mexico**

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

Lou Wertham

.....  
(Company or Operator)

(L22)

Well No. 4, in SE  $\frac{1}{4}$  of NW  $\frac{1}{4}$ , of Sec. 11, T. 22S, R. 37E, NMPM.

Penrose-Skelly

Pool ..... Lea

..County

Well is 1750 feet from North line and 1650 feet from West line

of Section 11..... If State Land the Oil and Gas Lease No. is.....

Drilling Commenced 11/19/61, 19..... Drilling was Completed 11/27/61, 19.....

Name of Drilling Contractor..... **Verna Drilling Company**

Address 1216 Mercantile Securities Bldg., Dallas, Texas

Elevation above sea level at Top of Tubing Head..... **3364'**..... The information given is to be kept confidential until  
....., 19.....

No. 1, from 3610' to 3800' No. 4, from \_\_\_\_\_ to \_\_\_\_\_

No. 2, from.....to..... No. 5, from.....to.....

No. 3, from.....to..... No. 6, from.....to.....

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. ....

SIZE	WEIGHT PER FOOT	NEW OR USED	AMOUNT	KIND OF SHOE	CUT AND PULLED FROM	PERFORATIONS	PURPOSE
8-5/8"	24#	Used	272'	None			
5-1/2"	14#	New	3811'	Texas		See below	

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
12-1/4"	8-5/8"	272'	225	circulated	10.1#	
7-7/8"	5-1/2"	3811'	450	Pump & plug	10.3#	

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

Fracture treated using 20,000 gal. refined oil and 40,000# 20-40 sand with 500 gal.

15% regular acid through perforations at 3627'-31', 3648'-57', 3660'-68', 3673'-85', 3690'-3700', 3702'-10', 3715'-21', shot with 2 shots per foot.

Result of Production Stimulation. **Flowing 214 barrels oil and 92 barrels water in 24 hours.**

## Depth Cleaned Out.

# 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 3811 feet, and from feet to feet.  
 Cable tools were used from feet to feet, and from feet to feet.

## PRODUCTION

Put to Producing December 4, 1961  
 OIL WELL: The production during the first 24 hours was 306 barrels of liquid of which 70% was oil; 0% was emulsion; 30% water; and % was sediment. A.P.I. Gravity 36.2  
 GAS WELL: The production during the first 24 hours was M.C.F. plus barrels of liquid Hydrocarbon. Shut in Pressure lbs.  
 Length of Time Shut in

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

Southeastern New Mexico			Northwestern New Mexico		
T. Anhy.	1068'		T. Devonian		T. Ojo Alamo
T. Salt	1156'		T. Silurian		T. Kirtland-Fruitland
B. Salt	2300'		T. Montoya		T. Farmington
T. Yates	2440'		T. Simpson		T. Pictured Cliffs
T. 7 Rivers	2669'		T. McKee		T. Menefee
T. Queen	3242'		T. Ellenburger		T. Point Lookout
T. Grayburg	3540'		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.
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	8		Top soil				
8	25		Caliche				
25	65		Sand & gravel				
65	125		Red bed				
125	235		Sand				
235	665		Red bed				
665	1068		Sdy. Shale				
1068	1153		Anhydrite				
1153	2300		Salt Section				
2300	3000		Anhydrite & Shale				
3000	3410		Lime				
3410	3790		Dolomite & Sdy. Dolomite				

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.

December 12, 1961

Company or Operator Ambassador Oil Corporation  
 Name M. J. Nelson

Address Box 846 - Hobbs, New Mexico  
 Position or Title Project Supervisor