


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 QUINTUPPLICATE. If State Land submit 6 Copies

**Great Western Drilling Company** State "U"  
(Company or Operator) (Lease)

Well No. 16, in NE  $\frac{1}{4}$  of NE  $\frac{1}{4}$ , of Sec. 36, T. -13-S, R. -31-E, NMPM.  
Caprock Queen Pool, Chaves County.

Well is 660 feet from East line and 660 feet from North line  
of Section 36. If State Land the Oil and Gas Lease No. is B-9541

Drilling Commenced September 15, 19 55. Drilling was Completed September 25, 19 55.

Name of Drilling Contractor Pioneer Well Services, Ltd.  
Address Box 1659, Midland, Texas

Elevation above sea level at Top of Tubing Head 4381.5. The information given is to be kept confidential until  
Not confidential, 19     

### OIL SANDS OR ZONES

No. 1, from 3071 to 3074 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 None 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
8 5/8"	24#	New	287'	Guide	-	-	Surface
5 1/2"	14#	New	306'	Float	-	-	Production

### MUDDING AND CEMENTING RECORD

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	299'	200	Pump & Plug	-	-
7 7/8"	5 1/2	3072	100	Pump & Plug	-	-

### RECORD OF PRODUCTION AND STIMULATION

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

Tested 23 bbls water & 10 bbls oil/6 hrs. @ 3081.  
Plugged back to 3074' w/Hydromite.  
Fractured w/3000 gals oil and 6000# sand.

Result of Production Stimulation Stripped 6.87 bbls/hr. 1% wtr.

TD 3081  
Depth Cleaned Out 3074

# 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 3072 feet, and from feet to feet.  
Cable tools were used from 3072 feet to 3081 feet, and from feet to feet.

## PRODUCTION

Put to Producing October 10, 1955  
OIL WELL: The production during the first 24 hours was 63.48 barrels of liquid of which 100% was oil; -0-% was emulsion; -0-% water; and -0-% was sediment. A.P.I. Gravity 35° API  
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.	1470	T. Devonian		T. Ojo Alamo			
T. Salt.	1580	T. Silurian		T. Kirtland-Fruitland			
B. Salt.	2170	T. Montoya		T. Farmington			
T. Yates	2260	T. Simpson		T. Pictured Cliffs			
T. 7 Rivers	2390	T. McKee		T. Menefee			
T. Queen	3071	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.			
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	275	275	Surface sand & Caliche				
275	1470		Red Beds				
1470	1580		Red Beds & Anhy.				
1580	2170		Red Beds, Salt & Anhy.				
2170	2260		Red Beds & Shale				
2260	2390		Red Beds, Sand & Shale				
2390	3071		Red Beds, Shale & Dolo.				
3071	3081		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 12, 1955  
(Date)

Company or Operator Great Western Drlg. Company Address Box 1659, Midland, Texas  
Name M. B. Wilson Position or Title Chief Petroleum Engineer