



AREA 640 ACRES  
LOCATE WELL CORRECTLY

# NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico  
NEW MEXICO OIL CONSERVATION COMMISSION

1959 OCT 23 PM 3:18  
**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

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

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

Well is **660** feet from **West** line and **1980** feet from **North** line  
of Section **1**. If State Land the Oil and Gas Lease No. is **R-10416**

Drilling Commenced **September 19**, 19**59** Drilling was Completed **September 23**, 19**59**

Name of Drilling Contractor **Pioneer Well Services, Ltd.**

Address **P. O. Box 1659, Midland, Texas**

Elevation above sea level at Top of Tubing Head **4394** The information given is to be kept confidential until  
19**59**

## OIL SANDS OR ZONES

No. 1, from **3029** to **3047** 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
<b>8 5/8</b>	<b>24</b>	<b>New</b>	<b>287</b>	<b>Tex Pat.</b>			
<b>5 1/2</b>	<b>21.6</b>	<b>New</b>	<b>3018'</b>	<b>Pack-off</b>			

## MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
<b>11</b>	<b>8 5/8</b>	<b>298</b>	<b>200</b>	<b>Pump &amp; Plug</b>	<b>10</b>	<b>50 bbls.</b>
<b>7 7/8</b>	<b>5 1/2</b>	<b>3027'</b>	<b>100</b>	<b>Pump &amp; Plug</b>	<b>9.1</b>	<b>150 bbls.</b>

## RECORD OF PRODUCTION AND STIMULATION

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

The above well was fraced October 2, 1959, using 7500 gallons of lease  
crude plus 15,000 pounds of sand. Treating pressures were 2250-2400 psi. Rate -  
37.5 barrels per minute.

Result of Production Stimulation After the total load was recovered, the well pumped 76  
barrels of oil in 24 hours.

3047 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 3047 feet, and from feet to feet.  
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing October 21, 1959

OIL WELL: The production during the first 24 hours was 76 barrels of liquid of which 99% was oil; 1% was emulsion; % water; and % was sediment. A.P.I. Gravity 36

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.	1430		T. Devonian		T. Ojo Alamo
T. Salt.	1560		T. Silurian		T. Kirtland-Fruitland
B. Salt.	2180		T. Montoya		T. Farmington
T. Yates	2270		T. Simpson		T. Pictured Cliffs
T. 7 Rivers			T. McKee		T. Menefee
T. Queen	3029		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	290	290	Caliche & surface sand				
290	1430	1140	Red beds & sand stringers				
1430	1560	130	Anhydrite & sand				
1560	2180	620	Salt, anhydrite, shale				
2180	2270	90	Anhydrite & shale				
2270	3029	759	Anhydrite, shale, sand				
3029	3047	18	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 22, 1959 (Date)  
Company or Operator Great Western Drilling Company Address P. O. Box 1659, Midland, Texas  
Name O. H. Crews (O.H. Crews) Position or Title General Superintendent