



NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

DISTRICT OFFICE 000

1959 OCT 19 AM 7 05

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

AREA 640 ACRES  
LOCATE WELL CORRECTLY

Shell Oil Company

State PD

(Company or Operator)

(Lease)

Well No. 2, in NE 1/4 of NW 1/4, of Sec. 34, T-19-S, R-35-E, NMPM.

Undesignated Pool, Lea County.

Well is 660 feet from North line and 1980 feet from West line

of Section 34. If State Land the Oil and Gas Lease No. is E-5840

Drilling Commenced September 26, 1959. Drilling was Completed October 5, 1959

Name of Drilling Contractor Moran Drilling Company

Address Box 178, Hobbs, New Mexico

Elevation above sea level at Top of Tubing Head 3704. The information given is to be kept confidential until not confidential, 19.

OIL SANDS OR ZONES

No. 1, from 4757' to 4765'	No. 4, from 4905' to 4909'
No. 2, from 4876' to 4880'	No. 5, from 4914' to 4918'
No. 3, from 4897' to 4901'	No. 6, from 4946' to 4954'

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"	36#	New	87'				Surface String
5 1/2"	15.5#-17#	New	4982'	Larkin		4757-4765' 4876-4880' 4897-4901' 4905-4909' 4914-4918' 4946-4954'	Oil String

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"	9 5/8"	98'	85	Pump and Plug		Cemented to Surface
8 3/4"	5 1/2"	4992'	200	Pump and Plug		

RECORD OF PRODUCTION AND STIMULATION

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

250 gals 15% Spearhead acid and 30,000 gallons lease crude containing 2# sand and 1/20# Adomite/gallon.

Result of Production Stimulation On OPT flowed 238 BOPD (based on 62 BO in 6 1/4 hrs.)  
Cut 0.5# BS thru 28/64" choke. FTP 75 psi. CP 0 psi.

Depth Cleaned Out 4980'

**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 5000 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet.  
 Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet.

**PRODUCTION**

Put to Producing October 13, 1959  
**OIL WELL:** The production during the first 24 hours was 238 barrels of liquid of which 99.5 % was oil; \_\_\_\_\_ % was emulsion; \_\_\_\_\_ % water; and 0.5 % was sediment. A.P.I Gravity 37°  
**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.....	T. Devonian.....	T. Ojo Alamo.....	
T. Salt.....	T. Silurian.....	T. Kirtland-Fruitland.....	
B. Salt.....	T. Montoya.....	T. Farmington.....	
T. Yates <u>3442' (+272')</u>	T. Simpson.....	T. Pictured Cliffs.....	
T. 7 Rivers <u>3966' (-253')</u>	T. McKee.....	T. Menefee.....	
T. Queen <u>4643' (-930')</u>	T. Ellenburger.....	T. Point Lookout.....	
T. Grayburg.....	T. Gr. Wash.....	T. Mancos.....	
T. San Andres.....	T. Granite.....	T. Dakota.....	
T. Glorieta.....	T. <u>Rustler 1777' (1936')</u>	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	50	50	Caliche and Surface Sands				
50	1777	1727	Red Beds				
1777	3442	1665	Salt and Anhydrite				
3442	5000	1558	Sand, Shale and 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.

Date October 15, 1959 (Date)

Company or Operator Shell Oil Company Address Box 845, Roswell, N. M.

Name R. A. Lowery Position or Title District Exploitation Engineer

Original Signed By R. A. LOWERY