



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.

AREA 640 ACRES  
LOCATE WELL CORRECTLY

Gulf Oil Corporation  
(Company or Operator) Harry Leonard "A"  
(Lease)  
Well No. 18, in NE 1/4 of NW 1/4, of Sec. 4, T. 25-S, R. 38-E, NMPM.  
Dollarhide West Devonian Pool, Lea County.  
Well is 667 feet from North line and 781' feet from East line of Section 4-259-38E. If State Land the Oil and Gas Lease No. is B-1732.  
Drilling Commenced 10-26-52, 19..... Drilling was Completed 12-30-52, 19.....  
Name of Drilling Contractor Penrod Drilling Company  
Address 1111 Texas Eastern Building, Shreveport 23, Louisiana  
Elevation above sea level at Top of Tubing Head 3168' The information given is to be kept confidential until 19.....

OIL SANDS OR ZONES

No. 1, from 7738' to 7934' 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
13-3/8"	48#	New	259'				
9-5/8"	36#	New	2885'				
7"	23 & 26#	New	7745'				

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
17-1/4"	13-3/8"	276'	325	HOWCO		
12-1/4"	9-5/8"	2899'	1850	HOWCO		
8-3/4"	7"	7751'	325	HOWCO		

RECORD OF PRODUCTION AND STIMULATION

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

Acidized thru tubing w/2000 gallons of 15% NE Acid by Cardinal Chemical  
Acidized thru tubing w/5000 gallons of 15% NE Acid by Cardinal Chemical  
Result of Production Stimulation Swabbed 65 oil no water in 5 hrs., KO and flowed 113 oil no water in 7 hours. Swabbed 37 oil 5 water in 2 1/2 hours., KO and flowed 237 bbls oil 22 bbls acid residue in 12 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 7965' feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet.  
 Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet.

**PRODUCTION**

Put to Producing 12-30-52, 19\_\_\_\_

**OIL WELL:** The production during the first 24 hours was 518 barrels of liquid of which 91.6 % was  
 was oil; 0 % was emulsion; 8.4 % water; and 0 % was sediment. A.P.I.  
 Gravity 39.5

**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.....	<u>1145'</u>	T. Devonian.....	T. Ojo Alamo.....
T. Salt.....		T. Silurian.....	T. Kirtland-Fruitland.....
B. Salt.....		T. Montoya.....	T. Farmington.....
T. Yates.....	<u>2750'</u>	T. Simpson.....	T. Pictured Cliffs.....
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.....	<u>5225'</u>	T. ....	T. Morrison.....
T. Drinkard.....		T. ....	T. Penn.....
T. Tubbs.....	<u>6145'</u>	T. ....	T. ....
T. Abo.....		T. ....	T. ....
T. Penn.....		T. ....	T. ....
T. Miss.....		T. ....	T. ....
<b>Woodford Shale</b>	<b>7570'</b>		

**FORMATION RECORD**

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0'	40'		Caliche & Clay		7957		Lime & Chert
	278		Gravel & Red Clay & Sand		7965		Lime & Shale
	411		Gravel & Red Clay				
	756		Gravel, Red Bed & Gyp				
	1066		Shale & Anhydrite				
	1192		Anhydrite				
	2541		Shale, Anhydrite & Salt				
	2606		Shale, Lime & Anhydrite				
	2652		Anhydrite w/Streaks Shale				
	2718		Anhydrite & Shale				
	2777		Shale, Anhydrite & Lime				
	2900		Anhydrite & Shale				
	2910		Lime				
	3244		Lime & Shale				
	3358		Lime				
	3568		Lime & Shale				
	3743		Lime				
	3820		Lime & Shale				
	3920		Lime				
	3990		Lime & Shale				
	7604		Lime				
	7752		Shale				
	7828		Lime & Chert				
	7941		Lime				
	7947		Lime, Shale & Chert				

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 8, 1953 (Date)

Company or Operator Gulf Oil Corporation

Address Box 2167, Hobbs, New Mexico

Name Char Taylor

Position or Title Area Prod. Supt.