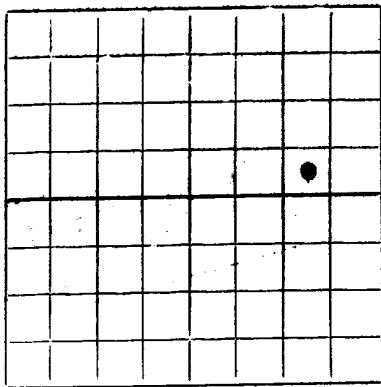


NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico



LONG SECTION

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 F.
(Lease)

Well No. 47, in Lot 8 1/4 of Sec. 2, T. 21-S, R. 37-E, NMPM.

Terry-Hlinebry Pool, Lea County.

Well is 2217 feet from North line and 989 feet from East line of Section 2. If State Land the Oil and Gas Lease No. is B-1732.

Drilling Commenced September 29, 1954. Drilling was Completed October 24, 1954.

Name of Drilling Contractor Rife Drilling Company

Address P. O. Box 9447, Fort Worth, Tex.

Elevation above sea level at Top of Tubing Head 3513'. The information given is to be kept confidential until _____, 19_____.

OIL SANDS OR ZONES

No. 1, from 5889' to 5975' 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	316'	Howse			
8-5/8"	32 & 24#	New	3084'	Larkin			
5-1/2"	15.5 & 14#	New	5875'	Howse			

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
17-1/2"	13-3/8"	332'	375	Howse		
12 1/2 & 11"	8-5/8"	3099'	1800	Howse		
7-7/8"	5-1/2"	5889'	775	Howse		

RECORD OF PRODUCTION AND STIMULATION

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

10-27-54 - Acid treated with 15% Non-Emulsifying acid in 2 stages. 1st stage from 5889-5930' with 4000 gallons. 2nd stage from 5930-5975 with 3000 gallons.

Result of Production Stimulation Flowed 50 bbls oil, 25 bbls ES & acid water in 5 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 5975 feet, and from _____ feet to _____ feet.
 Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet.

PRODUCTION

Put to Producing October 28, 1954

OIL WELL: The production during the first 24 hours was 184 barrels of liquid of which 98 % was oil; _____ % was emulsion; 1 % water; and 1 % was sediment. A.P.I. Gravity 42.0

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>1497'</u>	T. Devonian.....	T. Ojo Alamo.....
T. Salt.....		T. Silurian.....	T. Kirtland-Fruitland.....
B. Salt.....	<u>2650</u>	T. Montoya.....	T. Farmington.....
T. Yates.....	<u>2804</u>	T. Simpson.....	T. Pictured Cliffs.....
T. 7 Rivers.....	<u>3040</u>	T. McKee.....	T. Menefee.....
T. Queen.....	<u>3607</u>	T. Ellenburger.....	T. Point Lookout.....
T. Grayburg.....	<u>3900</u>	T. Gr. Wash.....	T. Mancos.....
T. San Andres.....	<u>4208</u>	T. Granite.....	T. Dakota.....
T. Glorieta.....	<u>5468</u>	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	13.75'		Distance from Kelly Drive				
	280		Bushing to Ground				
	1300		Caliche and Sand				
	1350		Red Bed				
	1582		Red Bed and Shells				
	1591		Anhydrite				
	2641		Salt				
	2993		Anhydrite and Salt				
	3049		Anhydrite and Gypsum				
	3100		Anhydrite and Lime				
	3398		Anhydrite, Gypsum & Lime				
	3508		Lime				
	5975		Lime and Anhydrite				
			Lime				

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.

November 16, 1954 (Date)

Company or Operator Gulf Oil Corporation Address Box 2167, Hobbs, New Mexico
 Name E. J. Taylor Position or Title Area Supt. of Prod.

Attachment - C-105

Gulf Oil Corporation - Harry Leonard F No. 47-H, 2-21-37

DIRECTIONAL SURVEYS - EASTMAN

1	-	300'	3/4	-	2125	3/4	-	3780	
1	-	520	3/4	-	2400	1/2	-	4015	
1	-	745	3/4	-	2640	1/2	-	4260	
	3/4	-	1015	1/2	-	2860	1	-	4535
	3/4	-	1290	1/4	-	3070	1/4	-	4750
1	-	1560	1/4	-	3540	1/2	-	5050	
1	-	1810				1/2	-	5250	

DRILL STEM TESTS

10-20-54 - No. 1 - 2 hour Johnston drill stem test from 5485-5560' - 1" surface choke, 5/8" choke at 5467' - Packers at 5479 and 5485' - Bombs at 5556' and 5558' - Jars at 5473' - Tool opened 3:15PM - Weak blow air thruout test - Recovered 5' free oil, 310' oil and gas cut drilling fluid, 3% oil - Hydrostatic Pressure 2445# - Flowing Pressure 90-225# - 15 minute BHP 1155#.

10-21-54 - No. 2 - 1 hour Johnston drill stem test from 5560-5670' - 1" surface choke, 5/8" choke at 5525' - Packers at 5554' and 5560' - Bombs at 5668' and 5670' - Jars at 5537' - Tool opened 1:30PM - Very weak blow air, decreased and died at end of test - Recovered 255' drilling mud, cut 1% oil - Hydrostatic Pressure 2500# - Flowing Pressure 175# - 15 minute BHP 2075#.