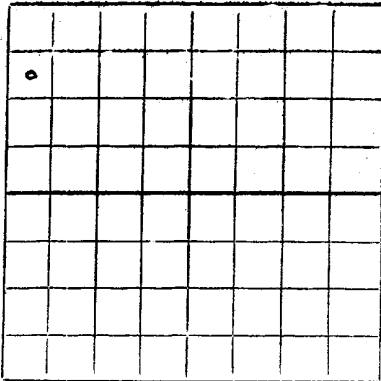


AREA 640 ACRES
LOCATE WELL CORRECTLY

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 QUINTUPLICATE.

Gulf Oil Corporation

(Company or Operator)

Harry Leonard "A"

(Lease)

Well No. 39, in NW 1/4 of NW 1/4, of Sec. 4, T. 25-S, R. 38-E, NMPM.

Dollarhide-Drinkard

Pool,

Lea

County.

Well is 990 feet from North line and 330 feet from West line

of Section 4. If State Land the Oil and Gas Lease No. is E-1732

Drilling Commenced June 16, 1954. Drilling was Completed July 17, 1954

Name of Drilling Contractor McVay and Stafford

Address 1110 Philtower Bldg, Tulsa, Okla.

Elevation above sea level at Top of Tubing Head 3154'. The information given is to be kept confidential until 19

OIL SANDS OR ZONES

No. 1, from 6389' to 6870' 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
9-5/8"	32 & 36#	New	400'	HOMCO			
7"	23#	New	6380'	HOMCO			

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
13-3/4"	9-5/8"	413'	275	HOMCO		
8-3/4"	7"	6389'	700	HOMCO		

RECORD OF PRODUCTION AND STIMULATION

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

Acid treated open hole with 8000 gallons 15% Non-Emulsifying acid in 4 stages. 1st stage from 6870-6755' with 2000 gallons. 2nd stage from 6755-6640' with 2000 gallons. 3rd stage from 6640-6525' with 2000 gallons. 4th stage from 6525-6410' with 2000 gallons.

Rate of Production Stimulation Flowed 203 barrels oil, 13 barrels B.S. and acid water in 24 hours.

Depth Cleaned Out

RE D 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 Surface feet to 6870 feet, and from feet to feet.
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing July 18, 1954

OIL WELL: The production during the first 24 hours was 232 barrels of liquid of which 100 % was
was oil; % was emulsion; % water; and % was sediment. A.P.I.
Gravity 39.0

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. 1145'	T. Devonian	T. Ojo Alamo
T. Salt	T. Silurian	T. Kirtland-Fruitland
B. Salt. 2525	T. Montoya	T. Farmington
T. Yates. 2660	T. Simpson	T. Pictured Cliffs
T. 7 Rivers	T. McKee	T. Menefee
T. Queen 3450	T. Ellenburger	T. Point Lookout
T. Grayburg	T. Gr. Wash.	T. Mancos
T. San Andres	T. Granite	T. Dakota
T. Glorieta 5160	T.	T. Morrison
T. Drinkard	T.	T. Penn.
T. Tubbs 6075	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	11.50		Distance from Top Kelly Drive to Ground				
	140		Caliche and Sand				
	1030		Red Bed				
	1175		Red Bed and Shells				
	1225		Anhydrite				
	1560		Anhydrite and Salt				
	1630		Anhydrite				
	2636		Anhydrite and Salt				
	3110		Anhydrite				
	6681		Lime				
	6716		Sandy Lime				
	6739		Sandy Lime and Shale				
	6870		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.

August 4, 1954

(Date)

Company or Operator Gulf Oil Corporation

Address Box 2167, Hobbs, New Mexico

Name E. J. Jones

Position or Title Area Production Superintendent

Attachment - C-105

Harry Leonard "A" No. 39, Gulf Oil Corporation

DEVIATIONS - TOTCO SURVEYS

1	- 660'	1-1/2	- 3015	3/4	- 5132
3/4	- 900	3/4	- 3470	1	- 5219
1/2	- 1165	3/4	- 3615	3/4	- 5283
1-1/2	- 1540	3/4	- 3741	3/4	- 5378
1-1/2	- 1870	1	- 3836	3/4	- 5473
2	- 2110	3/4	- 3928	3/4	- 5567
2-3/4	- 2260	3/4	- 4024	3/4	- 5661
2-3/4	- 2300	3/4	- 4100	1/2	- 5750
2-3/4	- 2395	1/2	- 4337	1/2	- 5829
2-3/4	- 2475	1	- 4465	3/4	- 5882
2-3/4	- 2540	1	- 4604	1/2	- 6012
2-3/4	- 2583	3/4	- 4690	1/2	- 6125
2-1/4	- 2677	1	- 4850	3/4	- 6196
2-1/4	- 2700	1/2	- 4942	1	- 6275
2	- 2762	3/4	- 5050	1/4	- 6240
1-3/4	- 2834				