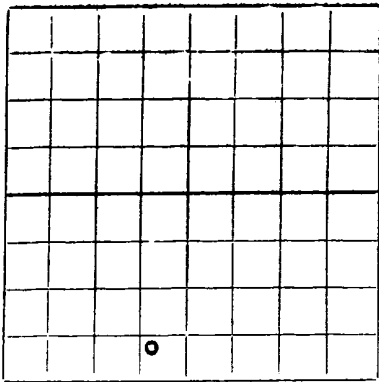




NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

DUPLICATE

WELL RECORD

RECEIVED

SEP 16 1953

OIL CONSERVATION COMMISSION

Mail to District Office, Oil Conservation Commission, to which Form C-105 is sent, later than twenty days after completion of well. Follow instructions in Rules and Regulations of the Commission. Submit in QUINTUPPLICATE.

AREA 640 ACRES
LOCATE WELL CORRECTLY

Gulf Oil Corporation

(Company or Operator)

Harry Leonard "A"

(Lease)

Well No. 33, in SE 1/4 of SW 1/4 of Sec. 33, T. 24-S, R. 38-E, NMPM.

Dollarhide-Drinkard

Pool,

Lea

County.

Well is 560 feet from South line and 781 feet from East (State) line

of Section 33. If State Land the Oil and Gas Lease No. is B-1732

Drilling Commenced July 25, 1953. Drilling was Completed September 9, 1953.

Name of Drilling Contractor Penrod Drilling Co.

Address Suite 601-607, 418 Market St. Shreveport, Louisiana

Elevation above sea level at Top of Tubing Head 3172'. The information given is to be kept confidential until , 19.

OIL SANDS OR ZONES

No. 1, from 6500' to 6850' 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"	36#	New	279'				
7"	23#	New	6236'				

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"	295'	275	Howco		
8-5/8"	7"	6249'	810	Howco		

RECORD OF PRODUCTION AND STIMULATION

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

Acidized with 10,000 gals Cardinal Chemical Acid from 6500' to 6850'.

Result of Production Stimulation Swabbed & flowed 347 bbls oil, no water. Flowed 84 bbls 37.6 gravity oil thru 2-3/8" tubing 3/4" choke in 6 hrs.

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 6850' feet, and from feet to feet.
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing September 8, 1953.

OIL WELL: The production during the first 24 hours was 336 barrels of liquid of which 100% was oil; % was emulsion; % water, and % was sediment. A.P.I. Gravity 37.6.

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.....1160'	T. Devonian.....	T. Ojo Alamo.....	
T. Salt.....	T. Silurian.....	T. Kirtland-Fruitland.....	
B. Salt.....	T. Montoya.....	T. Farmington.....	
T. Yates.....2755'	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.....4080'	T. Granite.....	T. Dakota.....	
T. Glorieta.....5220'	T.	T. Morrison.....	
T. Drinkard.....	T.	T. Penn.....	
T. Tubbs.....6145'	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
SEE ATTACHED SHEET							

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.

September 15, 1953 (Date)
Company or Operator Gulf Oil Corporation Address Box 2167, Hobbs, New Mexico
Name R. J. McPherson Position or Title Asst. Area Prod. Supt.

FORMATION RECORD

<u>From</u>	<u>To</u>	<u>Formation</u>	<u>From</u>	<u>To</u>	<u>Formation</u>
0	11.55'	Distance From Top	2564		Anhydrite & Salt
		Kelly Drive to Ground	2780		Anhydrite & Shale
302		Caliche, Sand & Red Bed	2885		Shale, Salt & Anhydrite
677		Shell & Shale	3154		Anhydrite & Shale
1160		Red Shale	3226		Lime & Anhydrite
2339		Anhydrite, Shale & Salt	3559		Anhydrite, Shale & Lime
			6850		Lime

DEVIATION - TOTCO SURVEYS

<u>Depth</u>	<u>Deg. Off</u>	<u>Depth</u>	<u>Deg. Off</u>	<u>Depth</u>	<u>Deg. Off</u>
205	1/2	3086	1-1/4	5283	2
525	3/4	3226	1	5377	2
858	1/2	3530	1	5501	1-1/2
1160	1/2	3840	3/4	5626	1-1/2
1358	1/2	3911	1/2	5719	1-1/4
1565	1/2	4189	1	5844	1-1/2
2250	1-3/4	4252	1	5937	1
2520	2	4658	1-1/4	6124	1
2599	2-1/4	4751	1-1/2	6362	1/2
2707	3/4	4846	1	6517	1/2
2777	1-3/4	4870	1-1/2	6642	1/2
2961	1-1/2	5189	2		