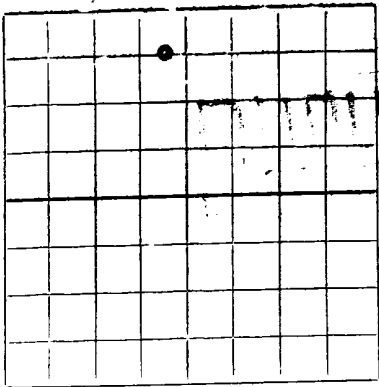


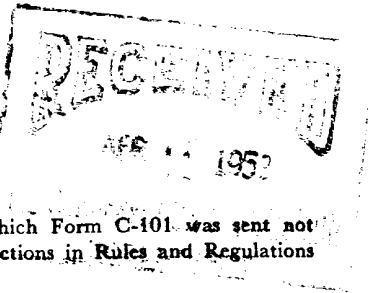


AREA 640 ACRES
LOCATE WELL CORRECTLY

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 QUINTUPPLICATE.

Gulf Oil Corporation

(Company or Operator)

Harry Leonard "A"

(Lease)

Well No. 23, in NE $\frac{1}{4}$ of NW $\frac{1}{4}$, of Sec. 33, T. 24-S, R. 38-E, NMPM.

Dollarhide West Drinkard

Pool,

Lea

County.

Well is 660' feet from North line and 660' feet from East line

of Section 33-24s-38e. If State Land the Oil and Gas Lease No. is B-1732

Drilling Commenced 2-18-53, 19... Drilling was Completed 4-12-53, 19...

Name of Drilling Contractor Frank Wood Drilling Company

Address First National Bank Building, Wichita Falls, Texas

Elevation above sea level at Top of Tubing Head 3193'. The information given is to be kept confidential until
..., 19...

OIL SANDS OR ZONES

No. 1, from 6600' to 6878' 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
<u>9-5/8"</u>	<u>36#</u>	<u>New</u>	<u>298'</u>				
<u>7"</u>	<u>23#</u>	<u>New</u>	<u>6386'</u>				

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
<u>12-1/4"</u>	<u>9-5/8"</u>	<u>312'</u>	<u>250</u>	<u>HOWCO</u>		
<u>8-3/4"</u>	<u>7"</u>	<u>6399'</u>	<u>3826</u>	<u>HOWCO</u>		

RECORD OF PRODUCTION AND STIMULATION

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

Acidized w/9000 gallons 15% NE Acid by Halliburton

Result of Production Stimulation Started to swab, well KO and flowed 437 bbls oil, 20 bbls acid water in 13 hours. Flowed 81 bbls oil, no water in 4 hours.

Depth Cleaned Out.....

WORD OF DRILL-STEM AND SPECIAL TE

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 6878' feet, and from feet to feet.
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing April 12, 1953, 19

OIL WELL: The production during the first 24 hours was 486 barrels of liquid of which 100 was oil; 0 % was emulsion; 0 % water; and 0 % was sediment. A.P.I. Gravity 38

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 1190'	T. Devonian	T. Ojo Alamo
T. Salt	T. Silurian	T. Kirtland-Fruitland
B. Salt	T. Montoya	T. Farmington
T. Yates 2830'	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 5350'	T.	T. Morrison
T. Drinkard 6265'	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'	93'		Red Bed & Caliche		6792		Lime
	730		Red Bed		6817		Lime & Shale
	1432		Red Rock & Anhydrite		6878		Lime
	1552		Anhydrite & Salt				
	1590		Anhydrite				
	1732		Salt				
	2010		Anhydrite, Salt & Red Rock				
	2602		Salt & Anhydrite				
	2663		Anhydrite & Gyp				
	2791		Anhydrite & Lime				
	3006		Lime & Gyp				
	3121		Lime				
	3202		Lime & Gyp				
	3915		Lime				
	4007		Lime & Sand				
	4065		Lime				
	4110		Sand & Lime				
	4143		Sand				
	4213		Sand & Lime				
	4296		Sand				
	4509		Sand & Lime				
	4991		Lime				
	5071		Lime & Potash				
	5142		Lime				
	5165		Lime & Potash				

NO DRILL STEM TESTS TAKEN

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.

Company or Operator Gulf Oil Corporation
Name

April 15, 1953 (Date)
Address Box 2167, Hobbs, New Mexico
Position or Title Asst. Area Prod. Supt.

HARRY LEONARD "A" # 23

DEVIATION - TOTCO SURVEY

<u>DEPTH</u>	<u>DEG. OFF</u>	<u>DEPTH</u>	<u>DEG. OFF</u>
100	1/4	4214	1-1/4
275	1/2	4264	1-1/4
700	1/2	4342	1
1010	1/2	4455	1-1/4
1175	1/2	4636	1
1350	1/2	4770	1-1/4
1500	1/2	4900	1
1710	1/2	4991	1/4
1870	3/4	5140	1/2
2195	1-1/2	5261	1
2270	2	5330	1-1/2
2445	1-3/4	5390	1-3/4
2575	1-3/4	5463	1-1/2
2615	1-3/4	5520	1-1/2
2675	1-1/4	5580	1-1/2
3121	1/2	5653	1-1/4
3211	1/2	5745	1-1/4
3300	3/4	5850	1-1/4
3511	1-1/4	5960	1-1/4
3678	1-1/2	6077	1-1/4
3783	1-1/2	6198	3/4
3915	1-1/4	6481	1-1/2
3972	1-1/4	6610	1-1/2
4065	1-1/2		
4130	1-1/4		