

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. 22, in SE $\frac{1}{4}$ of NW $\frac{1}{4}$, of Sec. 4, T. 25-S, R. 38-E, NMPM.

West Dollarhide Devonian

Pool,

Lea

County.

Well is 1980 feet from North line and 780 feet from East line

of Section 4-25S-38E. If State Land the Oil and Gas Lease No. is B-1732

Drilling Commenced 12-28-52, 19..... Drilling was Completed 3-6-53, 19.....

Name of Drilling Contractor Penrod Drilling CompanyAddress 1111 Texas Eastern Building, Shreveport, La.

Elevation above sea level at Top of Tubing Head 3165'. The information given is to be kept confidential until
....., 19.....

OIL SANDS OR ZONES

No. 1, from 7900' to 8115' 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	287'				
9-5/8"	36#	New	2887'				
7"	23 & 26#	New	7886'				

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"	302'	350	HOWCO		
12-1/4"	9-5/8"	2899'	1610	HOWCO		
8-3/4"	7"	7899'	600	HOWCO		

RECORD OF PRODUCTION AND STIMULATION

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

Acidized w/2000 gallons 15% NE acid by Cardinal Chemical

Result of Production Stimulation Swabbed 38 bbls. load oil in 1 hour. Well K.O. and flowed 125 bbls. oil and 7 bbls. BS&W in 10 hours.

Depth Cleaned Out.....

I 3RD 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 8127 feet, and from feet to feet.
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing March 6, 1953
OIL WELL: The production during the first 24 hours was 232 barrels of liquid of which 100% was oil; 0% was emulsion; 0% 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. 1155'	T. Devonian 7900'	T. Ojo Alamo	
T. Salt	T. Silurian	T. Kirtland-Fruitland	
B. Salt	T. Montoya	T. Farmington	
T. Yates 2780'	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 5255'	T.	T. Morrison	
T. Drinkard	T.	T. Penn	
T. Tubbs 6205'	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	108		Caliche & Red Bed	7645	7650		Lime Streaks & Shale
108	240		Caliche & Clay	7650	7882		Shale
240	453		Shale	7882	8091		Lime
453	853		Shale & Red Bed	8091	8093		Cherty Dolomite
853	1235		Anhydrite & Shale	8093	8127		Lime
1235	1481		Anhydrite				
1481	1676		Anhydrite & Shale				
1676	2280		Anhydrite, Shale & Salt				
2280	2356		Anhydrite & Salt				
2356	2576		Anhydrite, Shale & Salt				
2576	2636		Anhydrite				
2636	2688		Anhydrite & Shale				
2688	2735		Anhydrite				
2735	2900		Anhydrite & Shale				
2900	3876		Lime & Shale				
3876	3985		Lime				
3985	4040		Shale & Lime				
4040	5189		Lime				
5189	5249		Lime & Shale				
5249	5370		Lime				
5370	6111		Lime & Shale				
6111	7586		Lime				
7586	7615		Lime & Shale				
7615	7645		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.

March 10, 1953
Company or Operator Gulf Oil Corporation Address Box 2167, Hobbs, New Mexico
Name R. M. Sherron Position or Title Asst. Area Prod. Supt.

SECRET

1. The purpose of this document is to provide information regarding the activities of the [redacted] in the [redacted] area.

2. The [redacted] has been observed in the [redacted] area, and it is believed that it is engaged in [redacted] activities.

3. It is recommended that the [redacted] be monitored closely, and any further activities be reported immediately.

4. The [redacted] is believed to be a member of the [redacted] organization, and it is believed that it is engaged in [redacted] activities.

5. It is recommended that the [redacted] be monitored closely, and any further activities be reported immediately.

6. The [redacted] is believed to be a member of the [redacted] organization, and it is believed that it is engaged in [redacted] activities.

7. It is recommended that the [redacted] be monitored closely, and any further activities be reported immediately.

8. The [redacted] is believed to be a member of the [redacted] organization, and it is believed that it is engaged in [redacted] activities.

No. 1, 1-27-53 - 2 Hour Johnston Drill Stem Test from 6340-6465' with 5/8" choke at 6304' - Packers at 6332' and 6340' - Bombs at 6309' and 6363' - Tool opened 7:50 AM
2-27-53 - Weak blow air throughout test - Recovered 90' drilling mud, no show -
Hydrostatic Pressure 2900# - Flowing Pressure 50# - 15 Minute BHP 120#.

No. 2, 1-29-53 - 2 Hour Johnston Drill Stem Test from 6465-6590' with 5/8" choke at 6440' - Packers at 6582' and 6590' - Bombs at 6586' and 6588' - Tool opened 12:45 AM
2-29-53 - Medium blow air throughout test - Recovered 105' gas cut drilling mud, no show -
Hydrostatic Pressure 3150# - Flowing Pressure 150# - 15 Minute BHP 315#.

No. 3, 1-30-53 - 2 Hour Johnston Drill Stem Test from 6589-6710' with 5/8" choke at 6543' - Packers at 6581' and 6589' - Bombs at 6704' and 6706' - Tool opened 9:25 AM
1-30-53 - Good blow air, gas in 1 hour 40 minutes, too small to measure - Recovered 90' oil and gas cut drilling mud, 25% oil, 2340' clean oil, 36 gravity, no water -
Hydrostatic Pressure 3125# - Flowing Pressure 450# - 15 Minute BHP 2175#.

No. 4, 2-1-53 - 1 Hour Johnston Drill Stem Test from 6800-6930' with 5/8" choke at 6775' - Packers at 6791' and 6800' - Bombs at 6921' and 6923' - Tool opened 2:45 PM
2-1-53 - Blow air gas 50 minutes, 134,000 cu.ft. - Recovered 1710' fluid, 100' oil and gas cut drilling mud on top, cut 10% oil, 1410' clean oil and 200' bottom oil and gas cut mud, cut 20% oil, no water - Hydrostatic Pressure 3550# - Flowing Pressure 275# - 15 Minute BHP 2400#.

No. 5 - 2-2-53 - 2 Hour Johnston Drill Stem Test from 6925-7000' with 5/8" choke at 6900' - Packers at 6925' and 6917' - Bombs at 6996' and 6998' - Tool opened at 8:PM
2-2-53 - Weak blow air throughout test - Recovered 120' slightly gas cut drilling mud - Hydrostatic Pressure 3200# - Flowing Pressure 0# - 15 Minute BHP 75#.

No. 6, 2-19-53 - 1-1/2 Hour Johnston Drill Stem Test from 7904-8033' with 5/8" choke at 7882' - Packers at 7899' and 7904' - Bombs at 8029' and 8031' - Tool opened 12:15 AM
2-19-53 - Very weak blow air for 30 minutes and dead 1 hour - Recovered 30' slightly oil and gas cut drilling mud, cut 2% oil, no water - Hydrostatic Pressure 4050# - Flowing Pressure 0# - 15 Minute BHP 225#.

No. 7, 2-23-53 - 2 Hour Johnston Drill Stem Test from 8033-8127' with 1/2" choke at 8010' - Packers at 8026' and 8033' - Bombs at 8122' and 8125' - Tool opened 3:45 PM
2-23-53 - Medium blow air 1 hour 10 minutes - Gas too small to measure - Recovered 1590' fluid, top 180' gas cut drilling mud, 850' salt water cut 5% oil, 300' salt water 1% oil and 200' salt water - Hydrostatic Pressure 4000# - Flowing Pressure 375# - 15 Minute BHP 2300#.

DEVIATION - TOTCO SURVEYS

162'	1/4 Deg.	5100'	1-1/2 Deg.
300	1	5229	1-1/2
450	3/4	5540	1-1/2
718	3/4	5774	3/4
1063	0	5808	1-1/4
1268	1/2	5920	1
1600	1/2	6074	1-3/4
1900	1-3/4	6159	1
2065	1-3/4	6276	1-1/2
2300	2-1/2	6335	1-3/4
2428	1-1/4	6450	1-1/3
2636	1-1/2	6573	1-1/4
2746	1-1/2	6691	1-1/2
2826	1-1/2	6770	2
3110	1	6840	2
3400	1-1/4	6900	1-3/4
3575	1-1/2	6960	1-1/2
3740	1-1/2	7110	2
3831	1-1/2	7230	1-1/4
3890	1-3/4	7310	2-1/4
4014	1-3/4	7346	1-1/2
4132	1-3/4	7483	3
4250	1	7516	2-3/4
4339	1-1/2	7576	2
4515	1-3/4	7650	2-3/4
4660	1-3/4	7697	4
4830	1-1/2	7756	5
4956	1-1/4	7830	0
		7880	4-1/2