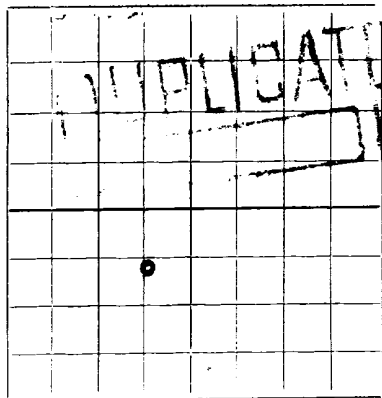


AREA 640 ACRES
LOCATE WELL CORRECTLY

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 Harry Leonard "A"
(Company or Operator) (Lease)

Well No. 11, in NE $\frac{1}{4}$ of SW $\frac{1}{4}$, of Sec. 33, T. 24-S, R. 38-E, NMPM.
Dollarhide-West-Devonian Pool, Lea County.
Well is 1980 feet from South line and 781 feet from East line
of Section 33-24-S-38-E. If State Land the Oil and Gas Lease No. is 27197
Drilling Commenced April 14, 1952. Drilling was Completed June 17, 1952
Name of Drilling Contractor Penrod Drilling Company
Address Texas Eastern Building, Shreveport, La.
Elevation above sea level at Top of Tubing Head 3185' The information given is to be kept confidential until
_____, 19____.

OIL SANDS OR ZONES

No. 1, from 7770' to 7980' 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>13 3/8"</u>	<u>54.5#</u>	<u>New</u>	<u>287'</u>				
<u>9 5/8"</u>	<u>36#</u>	<u>New</u>	<u>2891'</u>				
<u>7"</u>	<u>23 & 26#</u>	<u>New</u>	<u>8002.5'</u>			<u>7980 - 7930</u> <u>7910-7770</u>	<u>Production</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>17 1/2"</u>	<u>13 3/8"</u>	<u>301'</u>	<u>325</u>	<u>HOWCO</u>		
<u>12 1/4"</u>	<u>9 5/8"</u>	<u>2904'</u>	<u>1700</u>	<u>HOWCO</u>		
<u>8 3/4"</u>	<u>7"</u>	<u>8024'</u>	<u>400</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/2000 gallons 15% NE Acid thru 2 3/8" Tubing with perforations in
Anchor at 7980' - 7978'

Result of Production Stimulation Swabbed 62 bbls. load oil & 6 bbls acid water in 3 hrs. -
KO & Flowed 157 bbls oil 38 bbls acid water thru 2 3/8" tubing 3/4" choke in 8 hours.
Depth Cleaned Out _____

RD OF DRILL-STEM AND SPECIAL

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 8025 feet, and from 7995 feet to feet.
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing June 17, 1952

OIL WELL: The production during the first 24 hours was 352 barrels of liquid of which 99.6% was oil; 0% was emulsion; .4% water; and 0% was sediment. A.P.I. Gravity 40.8

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. 7770'	T. Ojo Alamo.	
T. Salt.	T. Silurian.	T. Kirtland-Fruitland.	
B. Salt. 2590'	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. 5250'	T.	T. Morrison.	
T. Drinkard.	T.	T. Penn.	
T. Tubbs. 6170'	T.	T.	
T. Abo.	T.	T.	
T. Penn.	T.	T.	
T. Miss.	T.	T.	
Woodford 7600'			

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	20		Surface Sand		3' 94		Shale, Anhydrite & Lime
	233		Shale and Caliche		4528		Lime
	304		Shale and Anhydrite		5247		Lime and Shale
	506		Red Bed, Anhydrite & Red Shale		5315		Lime
	1026		Shale, Anhydrite & Salt		5713		Lime & Shale
	1193		Anhydrite & Salt		5892		Lime
	1253		Anhydrite		6100		Lime & Shale
	1556		Anhydrite & Red Bed		6131		Lime
	1665		Anhydrite, Shale & Salt		6163		Shale
	1837		Salt & Anhydrite		6284		Lime & Shale
	1977		Anhydrite, Red Bed & Salt		7595		Lime
	2283		Salt, Anhydrite & Shale		7630		Lime & Black Shale
	2560		Anhydrite & Salt		7673		Lime & Shale
	2660		Anhydrite & Lime		7770		Shale
	2702		Anhydrite		7845		Lime & Chert
	2788		Anhydrite & Lime		7983		Lime
	2842		Anhydrite, Salt & Lime		8025		Lime & Chert
	3195		Anhydrite & Lime				
	3435		Shale, Anhydrite & Lime				
	3525		Lime				
	3607		Lime and Shale				
	3705		Shale, Lime & anhydrite				
	3767		Lime				
	3842		Shale & 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.

July 1, 1952

(Date)

Company or Operator Gulf Oil Corporation

Address Box 2167 - Hobbs, New Mexico

Name C. D. Borland

Position or Title Asst. Area Prod. Supt.

DEVIATION - TOTCO SURVEYS

<u>DEPTH</u>	<u>DEG. OFF</u>	<u>DEPTH</u>	<u>DEG. OFF</u>	<u>DEPTH</u>	<u>DEG. OFF</u>
300'	3/4	4280	1/2	6780	1/2
750	1/2	4374	1/2	6961	1
910	3/4	4490	1/2	7133	1
1170	3/4	4609	1/4	7227	1
1250	0	4780	1/8	7347	3/4
1600	1/2	4870	0	7549	1
1650	1	4970	0	7673	1-3/4
1875	1	5154	3/4	7765	2
2125	2	5292	1-1/8	7835	1-1/2
2150	2	5346	3/4	7939	1-1/4
2300	1-1/4	5435	3/4	8000	1/4
2450	1-1/2	5520	7/8		
2560	1	5639	1/2		
2620	1-3/4	5727	1/2		
2742	1-1/2	5845	1/4		
2850	1	5933	1/4		
3139	0	6020	1/4		
3425	1/2	6137	1/4		
3575	0	6196	3/4		
3750	1/2	6253	1/4		
3930	1/2	6429	3/4		
4100	1/4	6663	1-1/8		

GULF WOOD No. 106

DRILL STEM TESTS

No. 1, 5-16-52 - 1 Hour 45 Minute Johnston Drill Stem Test 6235-6360' with 5/8" choke at 6215' - Used 2 packers at 6227' and 6235' - Bombs at 6356' and 6358' Tool opened 7:40 AM 5-16-52 - No gas to surface, medium blow of air throughout test - Recovered 175' fluid, all oil and gas cut mud - Cut 5% oil, no water - Hydrostatic Pressure 3000# - Flowing Pressure 30-50# - 15 Minute BHP 150#.

No. 2, 5-18-52 - 1 Hour Johnston Drill Stem Test 6360-6485' with 5/8" choke at 6337' - Used 2 packers at 6352' and 6360' - Bombs at 6481' and 6483' - Tool opened 8:20 AM 5-18-52 - No gas to surface, light blow of air for 5 minutes and dead remainder of test - Recovered 25' drilling Mud - No show - Hydrostatic Pressure 2950# - Flowing Pressure and 15 Minute BHP 0#.

No. 3 5-19-52 - 1 Hour Johnston Drill Stem Test 6485-6600' with 5/8" choke at 6442' - Used 2 packers at 6481' and 6485' - Bombs at 6596' and 6598' - Tool opened 3:30 PM 5-19-52 - No gas to surface, medium blow of air throughout test - Recovered 276' oil and gas cut mud - Cut 10% oil - Hydrostatic Pressure 3125# - Flowing Pressure 0# - 15 Minute BHP 300#.

No. 4, 5-21-52 - 1 Hour Johnston Drill Stem Test 6600-6725' with 5/8" choke at 6558' - Used 2 packers at 6592' and 6600' - Bombs at 6720' and 6722' - Tool opened 7:00 AM 5-21-52 - No Gas to surface, weak blow of air throughout test Recovered 90' drilling mud, no show oil, gas or water - Hydrostatic Pressure 3325# - Flowing Pressure 0# - 15 Minute BHP 100#.

No. 5, 5-22-52 - 1 Hour 30 minute Johnston Drill Stem Test 6725-6850' with 5/8" choke at 6705' - Used 2 packers at 6717' and 6725' - Bombs at 6846' and 6848' Tool opened 11:40 PM 5-22-52 - Gas to surface 35 minutes (4,200 cu. ft. 24 hour rate) Recovered 300' fluid, 210' oil and gas cut mud, cut 25% oil, 90' of 40.0 gravity clean oil, no water - Hydrostatic Pressure 3250# - Flowing Pressure 0# 15 Minute BHP 675#.

No. 6, 5-24-52 - 1 Hour 30 Minute Johnston Drill Stem Test 6850-6975' with 5/8" choke at 6829' - Used 2 packers at 6842' and 6850' - Bombs at 6971' and 6973' Tool opened 5:00 PM 5-24-52 - No gas to surface, fair blow of air for 15 minutes, very weak blow throughout test - Recovered 360' fluid, 180' mud, 180' gas cut mud, no oil or water - Hydrostatic Pressure 3375# - Flowing Pressure 75# - 15 Minute BHP 425#.

No. 7, 5-26-52 - 1 Hour 30 Minute Johnston Drill Stem Test 6975-7070' with 5/8" choke at 6994' - Used 2 packers 6967' and 6975' - Bombs 7066' and 7068' - Tool opened 7:00 AM 5-26-52 No gas, medium blow of air 30 minutes and dead remainder of test - Recovered 500' drilling mud, no show oil, gas or water - Hydrostatic Pressure 3175# - Flowing Pressure 175# - 15 Minute BHP 1900#.

THE UNIVERSITY OF CHICAGO

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DRILL STEM TESTS CONTINUED

No. 8, 5-4-52 - 2 Hour 30 Minute Johnston Drill Stem Test 7769-7845' with 5/8" choke at 7745' - Used 2 packers 7762 and 7769' - Bombs at 7841' and 7843' - Tool opened 1:10 PM 5-4-52 - Gas to surface 18 minutes (24 hour rate 56,000 cu. ft.) Decreased to small blow at end of test - No fluid to surface - Recovered 835' fluid, 255' oil and gas cut mud, cut 25% oil and 580' 36.0 gravity clean oil, no water - Hydrostatic Pressure 3875#, - Flowing Pressure 250# 15 Minute BHP 2675#.