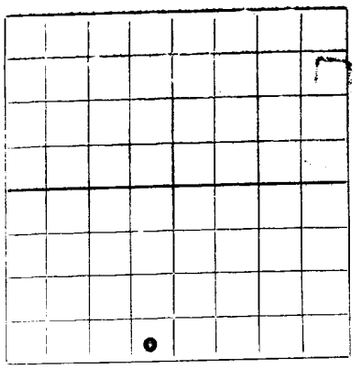
(Revised 7-1-52)
(Form C-105)

N.



AREA 640 ACRES
LOCATE WELL CORRECTLY

DUPLICATE

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

RECEIVED
APR 17 1953
OIL CONSERVATION COMMISSION
HOBBS, OFFICE

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) Lea State "BT" (Lease)

Well No. 1, in SE ¼ of SW ¼, of Sec. 22, T. 10-S, R. 32-E, NMPM.

Mescalero-Pennsylvanian Pool, Lea County.

Well is 330' feet from South line and 2310' feet from West line of Section 22-10s-32e. If State Land the Oil and Gas Lease No. is B-9998

Drilling Commenced 1-5-53, 19.... Drilling was Completed 3-30-53, 19....

Name of Drilling Contractor Thompson & Carr, Inc.

Address Odessa, Texas

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

OIL SANDS OR ZONES

No. 1, from 8361' to 9425' 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"	30#	New	391'				
9-5/8"	36#	New	3452'				
5-1/2"	15½ & 17#	New	9452'			8361-8456', 8510-8642'	Prod.

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"	404'	450	HOWCO		
12-1/4"	9-5/8"	3466'	2500	HOWCO		
7-7/8"	5-1/2"	9456'	850	HOWCO		

RECORD OF PRODUCTION AND STIMULATION

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

Acidized w/1000 gallons 15% J-Low Tension and 4000 gallons 15% Regular NE Acid and 250 gallons mud acid by Cardinal Chemical.

Result of Production Stimulation Well KO & flowed 21 bbls oil & 7 bbls water in 1 hr. Flowed 135 bbls oil & 39 bbls acid water in 6½ hrs. Flowed 324 bbls oil in 11 hrs. Flowed 292 bbls oil in 9 hrs.

Depth Cleaned Out.....

ORD 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 heretc

TOOLS USED

Rotary tools were used from 0' feet to 9469' PBTD 9425' feet, and from ..... feet t ..... feet.

Cable tools were used from ..... feet to ..... feet, and from ..... feet t ..... feet.

PRODUCTION

Put to Producing April 1, 1953, 19.....

OIL WELL: The production during the first 24 hours was 604.90 barrels of liquid of which 96 ... % was was oil; 1 % was emulsion; 2 % water; and 1 % was sediment. A.P.I. Gravity 46

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	1580'	T. Devonian		T. Ojo Alamo	
T. Salt	1635'	T. Silurian		T. Kirtland-Fruitland	
B. Salt		T. Montoya		T. Farmington	
T. Yates	2225'	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	3430'	T. Granite		T. Dakota	
T. Glorieta	4837'	T.		T. Morrison	
T. Drinkard		T.		T. Penn	
T. Tubbs	6238'	T.		T.	
T. Abo	7062'	T.		T.	
T. Penn	8050'	T.		T.	
T. Miss		T.		T.	

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
7800'	8066'		Dolomite & Shale				
	8187		Dolomite & Limestone				
	8224		Limestone				
	8300		Dolomite & Limestone				
	8308		Limestone				
	8324		Limestone & Shale				
	8426		Dolomite, Limestone, Shale				
	8460		Limestone				
	8620		Limestone & Shale				
	8652		Limestone				
	8750		Limestone & Shale				
	8780		Limestone & Sand[illegible]				
	9318		Limestone & Shale				
	9469		Limestone				

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.

April 16, 1953
(Date)

Company or Operator Gulf Oil Corporation Address Box 2167, Hobbs, New Mexico

Name [signature] Position or Title Asst. Area Prod. Supt.

LEA STATE BT #1

DEVIATION - TOTCO SURVEY

DEPTH	DEG. OFF
100	1/4
1179	1/2
1465	1/4
1600	1/2
1717	1/4
2270	3/4
2314	1-1/4
2360	1-1/4
2448	2
2521	2
2578	1-3/4
2640	3/4
2662	1-3/4
2727	2
2766	1-1/2
2860	2
2905	2
2962	1-3/4
2992	1-1/2
3020	1-3/4
3068	1-3/4
3315	1-1/4
3402	1-1/4
3468	1
3595	1-1/4
3879	1-1/4
4112	1-1/4
4867	1-1/2
5056	2
5300	1-3/4
5450	2-1/4
5582	2
5825	2-1/4
5918	2-1/2
6040	2-1/4
6221	2
6559	2
6966	2-1/2
7245	2-1/4
7390	2
7629	2-1/4
7998	2-3/4
8085	3-1/4
8338	2-1/2
8460	2
8650	2-1/4
8765	2-1/4
8865	2-3/4
8923	2
9106	2-1/2

LEA STATE BT #1

DRILL STEM TEST

DST #1 — Packer set at 8025' with a total depth of 8104'. Tool opened with fair blow of air at surface, decreasing throughout test to nothing. Left open for 1½ hours, recovered 40' of slightly gas cut mud. IHP 4252#, FHP 4253#, IFP 29#, SIP 59#/ 15 minutes, no shows.

DST #2 — Testing interval from 8172-8222'. Tool opened with very strong blow, gas to surface in 5 minutes, flowed mud in 42 minutes, free oil in 45 minutes. No formation water recovered on test. IHP 4202#, FHP 4172#, IFP 693#, FFP 1348#. Tool open one hour, SIP 2052#/ 30 minutes. Testing upper Pennsylvanian.

DST #3 — Testing interval 8231-8261'. Tool opened with very weak blow and died out immediately. Recovered 20' of gas cut mud with slight show of oil. IHP 4262#, FHP 4228#, IFP 10#, FFP 10#. Tool was open 45 minutes.

DST #4 — Testing interval 8361-8390'. Tool opened with good blow of air, gas to surface in 5 minutes decreasing to very weak blow in 2 hours. Oil to surface in 2 hours and 20 minutes, reversed out, pulled tool, recovered 15' of clean oil between tool and T.C. valve. IHP 4270#, FHP 4228#, IFP 62#, FFP 750#. Tool was open 2 hours and 40 minutes SIP 2553#/ 15 minutes.

DST #5 — Testing interval 8390-8460'. Tool opened with fair blow and increased to strong blow in 5 minutes, gas to surface in 18 minutes, recovered 2036' clean oil, no water. Tool was open 3 hours. IHP 4126#, FHP 4126#, IFP 181#, FFP 528#, closed in pressure 2758#. MW 9.8, Vis. 50, WL 14, FC 2/32nds.

DST #6 — Testing interval 8500-8650'. Opened tool with good blow, gas to surface in 7 minutes, recovered 4900' of 46 gravity oil, no water. IHP 4378#, FHP 4252#, IFP 223#, FFP 1542#, tool open 3 hours, 1 hour and 45 minutes closed in time, closed in pressure 2802#.

DST #7 — Testing interval from 8658-8765'. Tool opened with weak blow and died in 5 minutes. Left tool open 15 minutes, pulled loose, recovered 120' DM, re-run, tool plugged. Charge $150.00; IHP 4482#, FHP 4482#, IFP 46#, FFP 74#, SIP 628#/ 20 minutes.

DST #8 — Testing interval from 8658-8778'. Opened tool with weak blow, died in 5 minutes, recovered 120' DM, N.S. IHP 4512#, FHP 4512#, IFP 84#, FFP 112#. Tool open 1 hour, 20 minute closed in pressure 514#. Lost one packer in hole, drilled up same.

DST #9 — Testing interval from 8881-8923'. Tool was left open 1 hour, strong blow of air to surface immediately decreasing to very weak blow in 7 minutes. Very slight blow continued throughout test. Recovered 100' of slightly gas cut mud. NS IHP 4655#, HP (out) 4585#, IFP 0#, FFP 70#, SIP 70#/ 15 minutes.

DST #10 — Testing interval 9271-9417'. Tool open 3 hours, gas to surface in 17 minutes, recovered 2100' of oil and very heavily gas cut mud. IHP 4800#, FFP 4725#, FFP 140-715#, SIP 2860#/ 30 minutes.