



AREA 640 ACRES  
LOCATE WELL CORRECTLY

# NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

LEASE OFFICE 000

## WELL RECORD

1981 MAY 12 PM 3 51

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. If State Land submit 6 Copies

Gulf Oil Corporation

(Company or Operator)

Lea State "LB"

(Lease)

Well No. 1, in NE  $\frac{1}{4}$  of NW  $\frac{1}{4}$ , of Sec. 20, T. 17-S, R. 36-E, NMPM.

Undesignated

Pool,

Lea

County.

Well is 660 feet from North line and 1980 feet from West line

of Section 20-17-36. If State Land the Oil and Gas Lease No. is E-7586-2

Drilling Commenced February 27, 1961 Drilling was Completed April 20, 1961

Name of Drilling Contractor Gardner Brothers Drilling Co.

Address Box 1311, Odessa, Texas

Elevation above sea level at ground level 3876' The information given is to be kept confidential until

, 19    

### OIL SANDS OR ZONES

No. 1, from None to 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	344'	Guide			Surface Pipe
8-5/8"	21#	New	3253'	"			Intermediate

### MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
17-1/2"	13-3/8"	366'	350	Pump & Plug		
12-1/4"	8-5/8"	3274'	450	" " "		

### RECORD OF PRODUCTION AND STIMULATION

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

None

Result of Production Stimulation None

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 9183 feet, and from feet to feet.  
Cable tools were used from feet to feet, and from feet to feet.

## PRODUCTION

Put to Producing Not (Dry Hole), 19

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

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. 1932'	T. Devonian.	T. Ojo Alamo.
T. Salt.	T. Silurian.	T. Kirtland-Fruitland.
B. Salt.	T. Montoya.	T. Farmington.
T. Yates. 3163	T. Simpson.	T. Pictured Cliffs.
T. 7 Rivers.	T. McKee.	T. Menefee.
T. Queen. 4145	T. Ellenburger.	T. Point Lookout.
T. Grayburg.	T. Gr. Wash.	T. Mancos.
T. San Andres. 4846	T. Granite.	T. Dakota.
T. Glorieta. 6512	T.	T. Morrison.
T. Drinkard.	T.	T. Penn.
T. Tubbs.	T.	T.
T. Bone Spring 8270	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	18.45'		Distance from Top Kelly Drive Bushing to Ground		8956'		Sand & Dolo
	45'		Caliche & Sand		8970		Shale & Lime
	365'		Surface sand & Red Bed		9025		Dolo & Shale
	1527		Red Bed		9050		Dolo, Shale & Sand
	1651		Red Bed & Salt		9100		Dolo & Shale
	1994		Red Bed & Anhy		9183		Dolo & Lime
	2026		Anhy				Temporarily Abandoned
	3172		Anhy & Salt				
	3295		Anhy & Lime				
	3616		Anhy				
	4100		Anhy & Shale				
	4505		Lime				
	4702		Lime & Shale				
	5636		Lime				
	5665		Dolo				
	6200		Lime				
	6270		Sandy Lime				
	8257		Lime				
	8296		Lime & Chert				
	8364		Lime				
	8525		Lime & Chert				
	8655		Lime				
	8723		Lime & Dolo				
	8950		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.

May 11, 1961

(Date)

Company or Operator Gulf Oil Corporation

Address Box 2167, Hobbs, New Mexico

Name J. H. Russell

Position Title Area Production Manager

NOBBS OFFICE OCC

Attachment - C-105

1961 MAY 12 PM 3:51

Gulf Oil Corporation - Lea State "LB" No. 1-C, Sec. 20-17S-36E

DEVIATIONS - TOTCO SURVEYS

1/4 - 90'  
1/4 - 210'  
1/2 - 350  
1 - 800  
3/4 - 1110  
1/2 - 1900  
3/4 - 1992  
1/4 - 2620  
2 - 3275  
1-1/2 - 3295  
1-1/2 - 3434  
1-3/4 - 3710  
1-1/2 - 4245  
1-1/2 - 4370

1-1/4 - 4588'  
3/4 - 4831  
3/4 - 4990  
3/4 - 5140  
1/2 - 5345  
3/4 - 5740  
1 - 5900  
3/4 - 6100  
1-3/4 - 6270  
1 - 6345  
1 - 6510  
3/4 - 6597  
1-1/4 - 6770  
1 - 7050

2 - 7200'  
1-1/2 - 7293  
1-1/4 - 7345  
2 - 7430  
1-1/4 - 7568  
3 - 7810  
2-1/4 - 8000  
2 - 8227  
2 - 8520  
2-1/4 - 8655  
2-3/4 - 4800  
3-1/2 - 8950  
5 - 9139  
5 - 9183

DRILL STEM TEST

1 hour DST #1, 8880-8980' (Abo). 4 1/2" DP, 1" surface choke, 7/8" bottom choke at 8800'. Tool opened with very weak blow air for one minute and dead. After 30 minutes, bypassed tool and reopened tool with very weak blow air for one minute and dead remainder of test. Recovered 35' slightly gas cut drilling mud, no show oil. HP 4600# in & out. 60 min ISIP 235#. IFP 65#. FFP 65#. 60 min PSIP 105#. Temp 138 deg at 8985'.