



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. If State Land submit 6 Copies

Gulf Oil Corporation  
(Company or Operator)

Lea State "BG"  
(Lease)

Well No. 1, in NW 1/4 of NW 1/4, of Sec. 33, T. 19-S, R. 35-E, NMPM.  
Pearl Queen Pool, Lea County.

Well is 660 feet from North line and 660 feet from West line  
of Section 33. If State Land the Oil and Gas Lease No. is E-5841

Drilling Commenced September 21, 1958 Drilling was Completed October 17, 1958

Name of Drilling Contractor Kirklin Drilling Co.  
Address Box 3215, Odessa, Texas

Elevation above sea level at Top of Tubing Head 3734' The information given is to be kept confidential until  
19

OIL SANDS OR ZONES

No. 1, from 4773 to 4785' No. 4, from to  
No. 2, from 4920 to 4926' 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
8-5/8"	24#	New	333'	Howco			Surface Pipe
4-1/2"	9.50#	New	4956'	"		4773-85', 4920-26'	Oil String

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
12-1/4"	8-5/8"	350'	300	Howco P & P		
6-3/4"	4-1/2"	4970'	1800	" " "		

RECORD OF PRODUCTION AND STIMULATION

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

Treated perforations in 4 1/2" csg with 30,000 gals refined oil in 3 equal stages, 1-3 1/2" spg, 1/40# Adomite per gallon. (Perfs 4773-85', 4920-26')

Result of Production Stimulation Flowed 75 bbls oil, 0 bbls water thru 2-3/8" tbg, 1 1/4" choke  
in 15 hours.

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 4970 feet, and from feet to feet.  
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing October 27, 1958

OIL WELL: The production during the first 24 hours was 120 barrels of liquid of which 100% was  
was oil; % was emulsion; % water; and % was sediment. A.P.I.  
Gravity 33.2

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. Rustler 1732'		T. Devonian	T. Ojo Alamo
T. Anhy		T. Silurian	T. Kirtland-Fruitland
T. Salt		T. Montoya	T. Farmington
B. Salt		T. Simpson	T. Pictured Cliffs
T. Yates 3543'		T. McKee	T. Menefee
T. 7 Rivers 3970'		T. Ellenburger	T. Point Lookout
T. Queen 4650'		T. Gr. Wash	T. Mancos
T. Penrose 4914'		T. Granite	T. Dakota
T. Grayburg			T. Morrison
T. San Andres			T. Penn
T. Glorieta			
T. Drinkard			
T. Tubbs			
T. Abo			
T. Penn			
T. Miss			

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	103		Red Bed		4965		Sand & Dolo with anhy stringer
	353		Red Rock		4970		Dolo & Anhy
	531		Red Bed				PS to 4954'
	550		Sand & Red Bed				
	728		Red Rock				
	1198		Red Bed & Anhydrite				
	1703		Red Bed				
	1825		Shells & Anhy Streaks				
	3295		Anhy & salt				
	3572		Anhy				
	3598		Anhy & Gyp				
	3705		Anhy				
	3800		Anhy & Gyp				
	3831		Anhy				
	3905		Anhy & Gyp				
	3943		Anhy				
	4031		Anhy & Gyp				
	4179		Anhy & Lime				
	4730		Lime				
	4772		Dolo, Anhy & Sand Streaks				
	4784		Gray, fine sandstone				
	4800		Dolo with anhy streaks				
	4900		Lime				
	4914		Dolo & Anhy				
	4928		Gray fine grain sandstone				

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.

November 24, 1958

(Date)

Company or Operator Gulf Oil Corporation

Address Box 2167, Hobbs, New Mexico

Name J. H. Newell

Position or Title Asst. Area Production Supt.

Attachment - C-105

Gulf Oil Corporation - Lea State "BG" #1, Sec. 33-19-35

DEVIATIONS - EASTMAN SURVEYS

1/4	-	90'
3/4	-	200
3/4	-	460
3/4	-	850
1/2	-	1100
1/2	-	1320
1/4	-	1580
2-1/2	-	2150
2	-	2350
1-3/4	-	2550
1-3/4	-	2824
2-1/2	-	3011
2-1/2	-	3165
2-3/4	-	3285
2-3/4	-	3410
2-1/2	-	3480
1-1/2	-	3600
1	-	3745
1/2	-	3822
1/2	-	3970
1/2	-	4080
1/2	-	4195
1-1/4	-	4321
3/4	-	4590
3/4	-	4720

