

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

AREA 640 ACRES  
LOCATE WELL CORRECTLY

Gulf Oil Corporation  
(Company or Operator)

Learcy "cBuffington  
(Lease)

Well No. 2, in NW 1/4 of SE 1/4, of Sec. 13, T. 25-S, R. 37-E, NMPM.

Langlie-Matrix Pool, Lea County.

Well is 2310' feet from South line and 1650 feet from East line

of Section 13-25-37. If State Land the Oil and Gas Lease No. is

Drilling Commenced 12-16, 1955. Drilling was Completed 1-2, 1956

Name of Drilling Contractor Howard P. Holmes Drilling Contractor

Address Box 667, Hobbs, New Mexico

Elevation above sea level at Top of Tubing Head 3086'. The information given is to be kept confidential until, 19

OIL SANDS OR ZONES

No. 1, from 3285 to 3370 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
8-5/8"	24#	New	244'	Baker			Surface Pipe
5-1/2"	14#	New	3209'	Markin			Production String

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. BAGS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
12-1/4"	8-5/8"	257'	275	Pump & Plug		
7-7/8"	5-1/2"	3222'	630	Pump & Plug		

RECORD OF PRODUCTION AND STIMULATION

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

Treated open hole formation from 3285-3370' with 500 gallons mud acid. Injection rate 2 bbls per minute.

Treated open hole formation from 3285-3370' with 8500 gallons gelled lease oil with 1# sand per gallon. Injection rate 7 bbls per minute.

Result of Production Stimulation Flowed 88 bbls oil, no water thru 2-3/8" tubing 24 hours.

Depth Cleaned Out

# CORD OF DRILL-STEM AND SPECIAL TA

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 3370' feet, and from feet to feet.  
Cable tools were used from feet to feet, and from feet to feet.

## PRODUCTION

Put to Producing January 11, 1956.

OIL WELL: The production during the first 24 hours was 83 barrels of liquid of which 100% was oil; 0% was emulsion; 0% water; and 0% was sediment. A.P.I. Gravity 41.1

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.	1004'		T. Devonian		T. Ojo Alamo
T. Salt			T. Silurian		T. Kirtland-Fruitland
B. Salt			T. Montoya		T. Farmington
T. Yates	2366'		T. Simpson		T. Pictured Cliffs
T. 7 Rivers	2634'		T. McKee		T. Menefee
T. Queen	3094'		T. Ellenburger		T. Point Lookout
T. Penrose	3214'		T. Gr. Wash.		T. Mancos
T. Grayburg			T. Granite		T. Dakota
T. San Andres			T.		T. Morrison
T. Glorieta			T.		T. Penn.
T. Drinkard			T.		T.
T. Tubbs			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	12		Distance from Top Kelly Drive Bushing to Ground				DEVIATION - TOTCO SURVEY
	80		Caliche and Sand			3/4 - 225'	
	183		Red Bed			1-3/4 - 710'	
	261		Red Bed and Surface Rock			1-3/4 - 1060'	
	655		Red Bed and Shale			1-3/4 - 1210'	
	950		Red Bed and Sand			2 - 1480'	
	1050		Red Bed and Salt			2 - 1600'	
	2241		Anhydrite and Salt			2-1/2 - 1780'	
	2651		Anhydrite			3 - 1876'	
	3151		Anhydrite and Lime			2-3/4 - 1941'	
	3336		Lime			2-3/4 - 2020'	
	3370		Lime and Sand			2-3/4 - 2150'	
						2-3/4 - 2212'	
						2-3/4 - 22708	
						2-3/4 - 2360'	
						2-1/4 - 2460'	
						2 - 2536'	
						2 - 2540'	
						2 - 2607'	
						1-1/2 - 2810'	
						1-1/2 - 2990'	
						1-1/4 - 3000'	

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.

January 30, 1956 (Date)  
Company or Operator Gulf Oil Corporation Address Box 2167, Hobbs, New Mexico  
Name E. J. Jorgensen Position or Title Area Supt. of Prod.