



AREA 640 ACRES
LOCATE WELL CORRECTLY

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

LONG
SECTION

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)

Harry Leonard F
(Lease)

Well No. 46, in Lot 15, 1/4 of 1/4, of Sec. 2, T. 21-S, R. 37-E, NMPM.
Hare Pool, Lea County.
Well is 3312 feet from South line and 2307 feet from East line
of Section 2. If State Land the Oil and Gas Lease No. is B-1732
Drilling Commenced August 24, 1954 Drilling was Completed October 2, 1954
Name of Drilling Contractor Rife Drilling Co.
Address Box 9447, Fort Worth, Texas
Elevation above sea level at Top of Tubing Head 3493'. The information given is to be kept confidential until
19

OIL SANDS OR ZONES

No. 1, from 7778' to 8104' 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	312'	Howee			
8-5/8"	32 & 24#	New	2991'	Baker			
5-1/2"	17, 15.5, & 14#	New	8138'	Howee			

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"	325'	375	Howee		
12-1/4" & 11"	8-5/8"	3003'	1350	Howee		
7-7/8"	5-1/2"	8149'	950	Howee		

RECORD OF PRODUCTION AND STIMULATION

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

Result of Production Stimulation
Depth Cleaned Out

WORD OF DRILL-STEM AND SPECIAL TEST

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 8150' feet, and from feet to feet.
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing October 6, 1954

OIL WELL: The production during the first 24 hours was 408 barrels of liquid of which 100% was
was oil; % was emulsion; % water; and % was sediment. A.P.I.
Gravity 42.0

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.	1420'	T. Devonian	
T. Salt		T. Silurian	
B. Salt		T. Montoya	
T. Yates	2740	T. Simpson	7628
T. 7 Rivers		T. McKee	7781
T. Queen	3545	T. Ellenburger	
T. Grayburg		T. Gr. Wash.	
T. San Andres	4270	T. Granite	
T. Glorieta	5367	T.	
T. Drinkard		T.	
T. Tubbs	6342	T.	
T. Abo		T.	
T. Penn.		T.	
T. Miss.		T.	

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	11.05'		Distance from Kelly Drive Bushing to Ground		8150		Shale and Lime
	70		Caliche and Shells				Plugged back to 8112'
	130		Red Bed				
	421		Red Bed and Shells				
	1375		Red Bed, Shale and Shells				
	1418		Anhydrite and Gypsum				
	1550		Anhydrite				
	1640		Anhydrite and Shale				
	2676		Anhydrite and Salt				
	2833		Anhydrite				
	2900		Anhydrite and Gypsum				
	3005		Anhydrite				
	7478		Lime				
	7490		Lime and Chert				
	7545		Lime				
	7556		Lime and Sand				
	7672		Lime				
	7697		Lime and Sand				
	7720		Lime				
	7774		Lime and Shale				
	8077		Shale, Lime and Sand				
	8121		Lime and Shale				
	8131		Shale, Lime and Sand				

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 4, 1954 (Date)
Company or Operator Gulf Oil Corporation Address Box 2167, Hobbs, New Mexico
Name [Signature] Position or Title Area Supt. of Prod.