

AREA 640 ACRES
LOCATE WELL CORRECTLY

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

OFFICE 000

LONG
SECTION

WELL RECORD

JUL 3:57

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 "A"
(Lease)

Well No. 40, in Lot 9, 1/4 of 1/4 of Sec. 2, T. 21-S, R. 37-E, NMPM.

Terry-Blinebry

Pool,

Lea

County.

Well is 3534' feet from North line and 990 feet from East line of Section 2. If State Land the Oil and Gas Lease No. is B-1732

Drilling Commenced June 21, 1954 Drilling was Completed July 16, 1954

Name of Drilling Contractor Rife Drilling Co.

Address Box 9447, Fort Worth, Texas

Elevation above sea level at Top of Tubing Head 3504' The information given is to be kept confidential until , 19.

OIL SANDS OR ZONES

No. 1, from 5859' to 5975' 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	319'	HOWCO			
8-5/8"	32#	New	3024'	HOWCO			
5-1/2"	1545 & 144#	New	5845'	Baker			

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"	333'	480	HOWCO		
11"	8-5/8"	3039'	1900	HOWCO		
7-7/8"	5-1/2"	5859'	475	HOWCO		

RECORD OF PRODUCTION AND STIMULATION

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

7-19-54 - Acidized in 3 stages with total of 4500 gallons 15% Non-Emulsifying acid.
1st stage from 5963-5929'. 2nd stage from 5929-5895'. 3rd stage from 5895-5861'.
7-24-54 - Dolofrac treated from 5859-5975' with 6000 gallons, 1# sand per gallon.

Result of Production Stimulation Swabbed 112 bbls oil, 13 bbls BS&W in 24 hours. Closed well in 8 hours. Opened well and well flowed 71 bbls oil, no water in 4 hours.

Depth Cleaned Out

REPORT 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 5975 feet, and from feet to feet.
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing August 1, 1954

OIL WELL: The production during the first 24 hours was 77 barrels of liquid of which 100% was oil; % was emulsion; % water; and % was sediment. A.P.I. Gravity 12.3

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. 1465'	T. Devonian	T. Ojo Alamo
T. Salt	T. Silurian	T. Kirtland-Fruitland
B. Salt. 2590	T. Montoya	T. Farmington
T. Yates. 2770	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 4175	T. Granite	T. Dakota
T. Glorieta 5410	T.	T. Morrison
T. Drinkard	T.	T. Penn
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	13.44		Distance from Top Kelly Drive Pushing to Ground				
	59		Surface Sand and Caliche				
	1217		Red Bed				
	1510		Red Bed and Anhydrite				
	1598		Anhydrite				
	2629		Anhydrite and Salt				
	2734		Anhydrite				
	2890		Anhydrite and Gypsum				
	2917		Anhydrite, Gypsum & Lime				
	3026		Anhydrite and Gypsum				
	5975		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.

September 8, 1954

(Date)

Company or Operator Gulf Oil Corporation

Address Box 2167, Hobbs, New Mexico

Name E. J. Lofgren

Position or Title Area Supt. of Prod.

Attachment - C-105

Gulf Oil Corporation - Harry Leonard "A" Well No. 40-I, 2-21S-37E

DIRECTIONAL SURVEYS - EASTMAN

3/4 - 2401	3/4 - 3156
1/2 - 1000	3/4 - 3400
3/4 - 1242	1/2 - 3650
1 - 1510	1/2 - 3900
1/2 - 1635	1/2 - 4135
3/4 - 1980	1/4 - 4410
3/4 - 2095	1/4 - 4680
1/2 - 2370	3/4 - 4930
1/2 - 2635	1 - 5200
1-1/4 - 2879	3/4 - 5585
3/4 - 2973	