

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.

AREA 640 ACRES
LOCATE WELL CORRECTLY

Gulf Oil Corporation

(Company or Operator)

Harry Leonard "A"

(Lease)

Well No. 43, in Lot 2 $\frac{1}{4}$ of 2, T. 21-S, R. 37-E, NMPM.

Terry-Blinebry

Pool,

Lea

County.

Well is 900 feet from North line and 2310 feet from East line of Section 2. If State Land the Oil and Gas Lease No. is B-1732.Drilling Commenced July 28, 1954. Drilling was Completed August 22, 1954.Name of Drilling Contractor Rife Drilling Co.Address Box 9447, Fort Worth, TexasElevation above sea level at Top of Tubing Head 3516'. The information given is to be kept confidential until _____, 19____.

OIL SANDS OR ZONES

No. 1, from 5897' to 5995' 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	302'	Baker			
8-5/8"	32#	New	3083'	HOWCO			
5-1/2"	15.5 & 14#	New	5868'	HOWCO			

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
17-1/4"	13-3/8"	318'	425	HOWCO		
11"	8-5/8"	3099'	2025	HOWCO		
7-7/8"	5-1/2"	5879'	670	HOWCO		

RECORD OF PRODUCTION AND STIMULATION

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

8-25-54 - Acid treated formation with 4000 gallons 15% NE acid in 2 stages, 2000 gallons each stage. 1st stage from 5895-5964', 2nd stage from 5964-5995'.

Result of Production Stimulation Swabbed 20 bbls oil 1-1/2 hours. Well kicked off. Flowed by heads 175 bbls oil, 2 bbls BS & acid water 24 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 5995' feet, and from feet to feet.
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing August 26, 1954

OIL WELL: The production during the first 24 hours was 120 barrels of liquid of which 90 % was oil; % was emulsion; % water; and 10 % was sediment. A.P.I. Gravity. 40.0

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. 1477'	T. Devonian	T. Ojo Alamo
T. Salt	T. Silurian	T. Kirtland-Fruitland
B. Salt. 2570	T. Montoya	T. Farmington
T. Yates. 2800	T. Simpson	T. Pictured Cliffs
T. 7 Rivers	T. McKee	T. Menefee
T. Queen. 3600	T. Ellenburger	T. Point Lookout
T. Grayburg	T. Gr. Wash	T. Mancos
T. San Andres. 4155	T. Granite	T. Dakota
T. Glorieta. 5450	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	14.40'		Distance from Kelly Drive Bushing to Ground				
	84.5		Red Bed				
	146.5		Red Bed and Anhydrite				
	153.7		Anhydrite				
	166.3		Anhydrite, Gypsum & Salt				
	188.8		Salt and Anhydrite				
	201.0		Anhydrite				
	265.3		Anhydrite and Salt				
	276.1		Anhydrite and Gypsum				
	282.5		Anhydrite and Shale				
	295.4		Anhydrite and Gypsum				
	300.1		Anhydrite, Gypsum & Lime				
	305.2		Lime				
	308.4		Lime and Gypsum				
	599.5		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 24, 1954 (Date)
Company or Operator Gulf Oil Corporation Address Box 2167, Hobbs, N. M.
Name E. J. Taylor Position or Title Area Supt. of Prod.

Attachment - C-105

Gulf Oil Corporation - Harry Leonard "A" Well No. 43-B, 2-21S-37E

DIRECTIONAL SURVEYS - EASTMAN

1/2 - 140'	1/2 - 3075
3/4 - 300	1/2 - 3300
1/2 - 550	1/2 - 3570
1/2 - 800	1/4 - 3820
1/2 - 1115	1/2 - 4075
1/4 - 1425	1 - 4625
1/4 - 1790	1-1/2 - 5065
3/4 - 2035	2 - 5375
1-1/2 - 2310	2-1/4 - 5570
1 - 2615	2 - 5860
3/4 - 2860	