

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.

AREA 640 ACRES
LOCATE WELL CORRECTLY

Gulf Oil Corporation

(Company or Operator)

Lea State "CR"

(Lease)

Well No. 1, in lot 16 $\frac{1}{4}$ of $\frac{1}{4}$ of Sec. 2, T 16-S, R 32-E, NMPM.

Anderson Ranch-Wolfcamp

Pool.

12

...County.

Well is 3300 feet from South line and 660 feet from East line

of Section 2 If State Land the Oil and Gas Lease No. is E-3510

Drilling Commenced.....**August 28**....., 19**54**.... Drilling was Completed.....**October 30**....., 19**54**.....

Name of Drilling Contractor.....Southeastern Drilling Co.

Address.....901 Employers Insurance Bldg., Dallas 1, Tex.

Elevation above sea level at Top of Tubing Head.....4288'..... The information given is to be kept confidential until
-..... 19.....

OIL SANDS OR ZONES

No. 1, from 9773' to 9843' 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	603'	Howco			
9-5/8"	40 & 36#	New	4177'	Baker			
5-1/2"	17 & 15.5#	New	9857'	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
17-1/2"	13-3/8"	628'	650	Howco		
12-1/4"	9-5/8"	4195	2870	Howco		
8-3/4"	5-1/2"	9874	300	Howco		

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.....

1 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 9875 feet, and from feet to feet.
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing November 6, 1954

OIL WELL: The production during the first 24 hours was 960 barrels of liquid of which 100 % was oil; % was emulsion; % water; and % was sediment, A.P.I.
Gravity 43.9

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. 1290'	T. Devonian	T. Ojo Alamo
T. Salt	T. Silurian	T. Kirtland-Fruitland
B. Salt	T. Montoya	T. Farmington
T. Yates 2185	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 4096	T. Granite	T. Dakota
T. Glorieta 5685	T.	T. Morrison
T. Drinkard	T.	T. Penn.
T. Tubbs 6865	T.	T.
T. Abo 7620	T.	T.
T. Wolfcamp 8930	T.	T.
T. Miss	T.	T.

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	18.75'		Distance from Kelly Drive		9733		Lime and Shale
			Bushing to Ground		9875		Lime
	153		Sand and Caliche				
	362		Sand and Red Bed				
	1667		Red Bed				
	2167		Red Bed and Salt				
	2638		Salt and Anhydrite				
	2862		Anhydrite and Gypsum				
	2968		Salt and Anhydrite				
	3592		Anhydrite and Gypsum				
	3620		Anhydrite				
	4081		Anhydrite and Gypsum				
	4130		Lime and Gypsum				
	4200		Lime				
	4224		Lime and Sand				
	4300		Lime				
	5773		Lime and Sand				
	5870		Lime				
	5962		Lime and Sand				
	7920		Lime				
	7982		Lime and Sand				
	8034		Lime, Shale and Sand				
	8096		Lime and Sand				
	8302		Shale and Lime				
	8530		Lime, Shale 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 17, 1954

(Date)

Company or Operator Gulf Oil Corporation

Address Box 2167, Hobbs, N. M.

Name

Position or Title Area Supt. of Prod.

Attachment - C-105

Gulf Oil Corporation - Lea State "CR" No. 1-P, 2-16-32

DEVIATIONS - TOTCO SURVEYS

3/4 - 400'	3/4 - 4834	1-1/2 - 7760
1/2 - 632	3/4 - 5085	1-1/2 - 7920
1 - 2167	1 - 5358	1-3/4 - 8034
1 - 2667	3/4 - 5688	1-3/4 - 8140
1-1/4 - 2638	3/4 - 5923	1-3/4 - 8404
3/4 - 2864	1 - 6141	2-3/4 - 8534
3/4 - 3048	1 - 6231	3 - 8660
1-1/2 - 3234	1 - 6322	2-1/2 - 8738
1 - 3485	1 - 6436	2-1/2 - 8808
1-1/2 - 3620	1-1/4 - 6552	2-1/2 - 9038
3/4 - 3741	1-1/4 - 6684	2-3/4 - 9054
1/2 - 3902	1-1/4 - 6800	2-1/4 - 9098
3/4 - 4060	1 - 6870	1-3/4 - 9153
1/4 - 4130	1 - 6933	1-3/4 - 9260
0 - 4167	1-1/4 - 7189	1-3/4 - 9266
0 - 4251	1-1/2 - 7314	1-3/4 - 9320
1/4 - 4355	1-1/4 - 7430	2 - 9392
1/2 - 4450	1 - 7560	1-3/4 - 9432
1/2 - 4542		2-1/4 - 9624
1/4 - 4652		

DRILL STEM TESTS

No. 1 - 10-21-54 - 1 hour Howco drill stem test from 9510-9639' - 1" surface choke, 1" choke at 9472' - Packers at 9502' and 9510' - Bombs at 9487' and 9637' - Tool opened 3:55PM - Weak blow air 10 minutes, dead 50 minutes - Recovered 105' drilling mud, no show oil, gas or water - Hydrostatic Pressure 4500# - Flowing Pressure 45-60# - 15 minute BHP 70#.

No. 2 - 10-24-54 - 2 hour Howco drill stem test from 9639-9733' - 1" surface choke, 5/8" choke at 9608' - Packers at 9631' and 9639' - Bombs at 9621' and 9631' - Jars at 9625' - Tool opened 9:35PM - Gas to surface 25 minutes - Too small to measure thruout test - No fluid to surface - Recovered 300' oil and gas cut drilling mud, 50% oil, no water - Hydrostatic Pressure 5490# - Flowing Pressure 95-140# - 15 minute BHP 1870#.

No. 3 - 10-29-54 - 3 Hour and 20 minute Howco drill stem test from 9729-9837' - 1" surface choke, 1" choke at 9701' - Packers at 9721' and 9729' - Bombs at 9708' and 9835' - Jars at 9718' - Tool opened 11:10AM - Gas to surface in 4 minutes, 24 hour rate 1,968,000 cu ft - Mud in 11 minutes, oil in 15 minutes - Flowed to pits 5 minutes - Flowed 220 bbls clean oil 3 hours - Recovered 30' oil, no water - Hydrostatic Pressure 4725# - Flowing Pressure 450-2515# - 15 minute BHP 3560#.

No. 4 - 11-1-54 - 3 hour 40 minute Howco drill stem test from 9833-9875' - 1" surface choke, 1" choke at 9807' - Packers at 9825' and 9833' - Bombs at 9818' and 9873' - Jars at 9818' - Tool opened 5:55AM - Gas to surface in 4 minutes, 24 hour rate 1,462,200 cu ft - Mud in 21 minutes, oil in 26 minutes - Flowed to pits 14 minutes - Flowed 98 bbls oil, 80 bbls sulphur water 3 hours - Reversed out to tank 25 bbls oil - Recovered 50' oil and 40' water - Hydrostatic Pressure 4695# - Flowing Pressure 1150-2320# - 15 minute BHP 3515#.