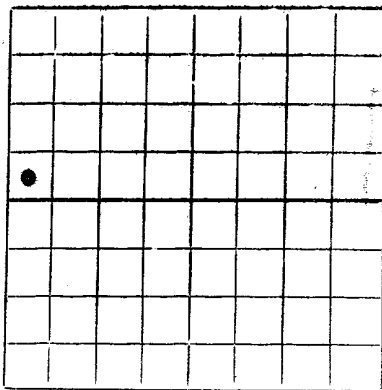


N.

(Revised 7/1/52)
(Form C-105)AREA 640 ACRES
LOCATE WELL CORRECTLY

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

HORRIS OFFICE OCC

1954 MAY 4 PM 2:27
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 QUINTUPPLICATE.

Gulf Oil Corporation

(Company or Operator)

Hillie

(Lease)

Well No. 3, in SW $\frac{1}{4}$ of NW $\frac{1}{4}$ of Sec. 23, T. 24-S, R. 37-E, NMPM.

Fowler-Fusselman

Pool,

Lee

County.

Well is 330' feet from West line and 2310 feet from North line of Section 23. If State Land the Oil and Gas Lease No. is -.Drilling Commenced 2-10, 1954. Drilling was Completed 4-16, 1954.Name of Drilling Contractor Loffland Bros.Address Tulsa, OklahomaElevation above sea level at Top of Tubing Head 3224'. The information given is to be kept confidential until -, 19-.

OIL SANDS OR ZONES

No. 1, from 7308' to 7550' 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	311'	HOWCO			
9-5/8"	36#	New	388 1/2'	HOWCO			
7"	23#	New	7290'	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"	327'	500	HOWCO		
12-1/4"	9-5/8"	3896'	232 1/2	HOWCO		
8-1/4"	7"	7300'	1125	HOWCO		

RECORD OF PRODUCTION AND STIMULATION

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

None

Result of Production Stimulation

Depth Cleaned Out

REV D 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 7550 feet, and from feet to feet.
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing April 16, 19 54

OIL WELL: The production during the first 24 hours was 1800 barrels of liquid of which 100 % was
was oil; % was emulsion; % water; and % was sediment. A.P.I.
Gravity 34.2

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.	975'		T. Devonian	7080'	T. Ojo Alamo.
T. Salt	1070'		T. Silurian	7308'	T. Kirtland-Fruitland.
B. Salt	2290'		T. Montoya		T. Farmington
T. Yates	2460'		T. Simpson		T. Pictured Cliffs.
T. 7 Rivers	2700'		T. McKee		T. Menefee
T. Queen			T. Ellenburger		T. Point Lookout
T. Grayburg			T. Gr. Wash.		T. Mancos
T. San Andres	3855'		T. Granite		T. Dakota
T. Glorieta	4800'		T.		T. Morrison
T. Drinkard			T.		T. Penn.
T. Tubbs	5825'		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	11.25		Distance from Kelly Drive to Ground				
	130		Sand				
	282		Red Beds and Red Rock				
	332		Red Bed				
	578		Sand, Red Bed, and Red Rock				
	727		Red Rock				
	917		Red Bed				
	1071		Red Bed and Anhydrite				
	2276		Salt and Anhydrite				
	2378		Anhydrite				
	2812		Anhydrite and Gypsum				
	2889		Lime and Gypsum				
	3033		Lime				
	3229		Lime and Gypsum				
	7313		Lime				
	7325		Lime and Chert				
	7338		Light Gray Dolomite				
	7377		Gray Dolomite and Chert				
	7378		Lime and Chert				
	7458		Light Gray Dolomite				
	7540		White Dolomite				
	7550		Gray Dolomite				

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.

Company or Operator Gulf Oil Corporation Address Box 2167, Hobbs, New Mexico
Name E. J. Taylor Position or Title Area Prod. Supt.
May 3, 1954 (Date)

DEVIATIONS - TOTCO SURVI

1-1/4 - 120'	1-3/4 - 2165	1/4 - 4505	1/2 - 6075
1 - 180	2 - 2235	1/4 - 4575	1/4 - 6135
1-1/4 - 210	2 - 2298	1/4 - 4680	1/2 - 6187
1-1/2 - 385	1-1/2 - 2360	1/4 - 4773	1/2 - 6265
1-1/4 - 475	1-1/4 - 2400	1/4 - 4875	1/2 - 6350
1-1/4 - 560	1-1/4 - 2460	1/4 - 5055	1/2 - 6445
1 - 660	1 - 2540	3/4 - 5165	1/4 - 6525
3/4 - 780	1 - 2670	3/4 - 5255	1/4 - 6610
3/4 - 940	3/4 - 2780	3/4 - 5365	0 - 6675
3/4 - 1060	1/4 - 2940	1 - 5460	1/4 - 6735
3/4 - 1186	1/4 - 3085	3/4 - 5520	3/4 - 6787
3/4 - 1300	1/4 - 3250	3/4 - 5580	3/4 - 6875
3/4 - 1424	1/2 - 3530	1 - 5643	1/2 - 6975
3/4 - 1645	1/4 - 3660	1 - 5710	1/4 - 7060
3/4 - 1735	1/2 - 3820	3/4 - 5775	1/4 - 7117
1 - 1825	1/4 - 4060	1 - 5829	1/4 - 7180
1-1/2 - 1925	1/4 - 4150	1/2 - 5880	1/4 - 7235
1 - 1965	1/2 - 4275	1/2 - 5955	3/4 - 7295
1-3/4 - 2045	1/4 - 4406	1/2 - 6025	1 - 7325
1-1/2 - 2130			

DRILL STEM TESTS

No. 1, 3-7-54 - Ran 3 hour Johnston drill stem test from 3900-4095' - Packers at 3900' and 3894' - Bombs at 4089 and 4091' - Gas to surface in 3 minutes - 24 hour rate 1,612,600 cu ft - Mud in 7 minutes, sulphur water in 20 minutes - Flowed 183 bbls sulphur water, no oil 2-1/2 hours - Flowing Pressure 1425-1440# - Hydrostatic Pressure 1785# - 15 minute BHP 1500#.

No. 2, 3-7-54 - Ran 1-1/2 hour Johnston drill stem test from 3959-4095' - Packers at 3959' and 3953' - Bombs at 4091 and 4089' - Gas to surface in 3 minutes - 24 hour rate 1,204,200 cu ft - Mud in 7 minutes, sulphur water in 20 minutes - Flowed 66 bbls sulphur water, no oil 1 hour - Flowing Pressure 1410# - Hydrostatic Pressure 1785# - 15 minute BHP 1500#.

No. 3, 3-8-54 - Ran 2 hour Johnston drill stem test from 4008-4095' - Packers at 4002' and 4008' - Bombs at 4089' and 4091' - Gas to surface in 2 minutes - 24 hour rate 1,126,100 cu ft - Mud in 8 minutes, sulphur water 15 minutes - Flowed 120 bbls sulphur water, no oil 1-1/2 hours - Flowing Pressure 1440# - Hydrostatic Pressure 1845# - 15 minute BHP 1500#.

No. 4, 3-8-54 - Ran 1 hour Halliburton drill stem test from 3900-3878' - Bombs at 4095' and 3898' and 3868' - Very weak blow air 10 minutes, dead 50 minutes - No fluid or gas recovered - Flowing Pressure 60-180# - Hydrostatic Pressure 1795# - 15 minute BHP 1475#.

No. 5, 3-13-54 - Ran 2 hour Halliburton drill stem test from 4915-4835' - Packers at 4835' and 4827' - Bombs at 4914' and 4808' - No blanket - Gas to surface in 3 minutes - 24 hour rate 2,191,700 cu ft - Mud to surface in 8 minutes, no oil - Recovered 520' fluid, sulphur water, light trace oil, sulphur water spray with gas - Flowing Pressure 235-480# - Hydrostatic Pressure 2365# - 15 minute BHP 1895#.

No. 6, 3-17-54 - Ran 2 hour Halliburton drill stem test from 5415-5527' - Packers at 5407' and 5415' - Bombs at 5493' and 5526' - Medium blow air 1-1/2 hours and died - Recovered 330' slightly gas cut mud, no show oil or water - Flowing Pressure 118-178# - Hydrostatic Pressure 2825# - 15 minute BHP 210#.

