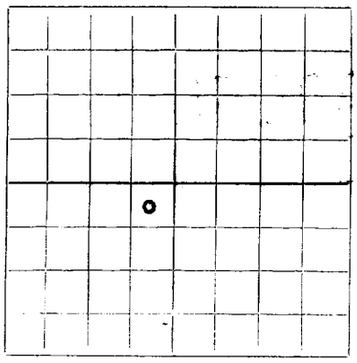

AREA 640 ACRES
LOCATE WELL CORRECTLY

(Revised 7/1/59)
(Form C-105)

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.

Gulf Oil Corporation (Company or Operator) L. R. Chamberlain (Lease)

Well No. 4, in NE ¼ of SW ¼, of Sec. 14, T. 15-S, R. 37-E, NMPM.

Denton - Wolfcamp Pool, Lea County.

Well is 2310 feet from South line and 2310 feet from West line of Section 14-15S-37E. If State Land the Oil and Gas Lease No. is .....

Drilling Commenced 12-21-51, 19..... Drilling was Completed 7-14-52, 19.....

Name of Drilling Contractor Parker Drilling Company

Address 418 National Bank of Tulsa Building, Tulsa, Oklahoma

Elevation above sea level at Top of Tubing Head 3801' The information given is to be kept confidential until ....., 19.....

OIL SANDS OR ZONES

No. 1, from 9250' to 9340' 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.

1, from ..... to ..... feet. .....

2, from ..... to ..... feet. .....

3, from ..... to ..... feet. .....

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	281'				
9-5/8"	36 & 40#	New	4768'				
7" Liner	26 & 32#	New	4901'			9340'-9320'	Production
						9300'-9250'	Production

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"	298'	325	HOWCO		
12-1/4"	9-5/8"	4788'	2000	HOWCO		
8-3/4"	7" Liner	9499'	1098	HOWCO		

RECORD OF PRODUCTION AND STIMULATION

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

Acidized w/4000 gallons 15% regular acid by Cardinal Co. thru 2-3/8" tubing, casing perforations at 9340'-9320' and 9300'-9250'

Result of Production Stimulation Swabbed 38 bbls oil, 17 bbls acid water in 4 hrs. KO and flowed thru tubing 3/4" choke 159 bbls oil and 79 bbls water in 10½ hrs.

..... Depth Cleaned Out .....

RECORD OF DRILL-STEM AND SPECI 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 13,018 PBTD 9410' feet, and from ..... feet to ..... feet.

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

PRODUCTION

Put to Producing July 14, 1952, 19.....

OIL WELL: The production during the first 24 hours was 476 barrels of liquid of which 98.5 % was was oil; 0 % was emulsion; 0 % water; and 1.5 % was sediment. A.P.I. Gravity 44

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		T. Devonian	T. Ojo Alamo
T. Salt		T. Silurian	T. Kirtland-Fruitland
B. Salt		T. Montoya	T. Farmington
T. Yates		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	4740'	T. Granite	T. Dakota
T. Glorieta	6275'	T.	T. Morrison
T. Drinkard		T.	T. Penn
T. Tubbs	7385'	T.	T.
T. Abo	8075'	T.	T.
T. Penn		T.	T.
T. Miss	12,220'	T.	T.

Wolfcamp Limestone 9268'

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	303		Surface Sand		9683		Lime and Chert
	2240		Red Bed		9695		Lime
	2445		Anhydrite		9701		Lime and Chert
	3124		Anhydrite and Salt		9721		Shale
	3255		Anhydrite, Salt and Gyp		10056		Shale and Lime
	3405		Anhydrite and Salt		10118		Lime
	3496		Anhydrite and Gyp		10138		Lime and Shale
	3625		Red Bed and Salt		10185		Lime
	4130		Anhydrite and Salt		10207		Lime and Shale
	4205		Anhydrite		10237		Lime
	4315		Anhydrite and salt		10262		Lime and Shale
	4730		Anhydrite and Lime		10297		Lime
	5780		Lime		10321		Lime and Shale
	5845		Lime and Samd		10377		Lime
	6198		Lime		10393		Lime and Shale
	6275		Lime and Sand		10424		Lime
	8451		Lime		10477		Lime and Shale
	9302		Lime and Shale		10528		Lime
	9453		Lime		10557		Lime and Chert
	9568		Lime and Shale		10704		Lime
	9577		Lime and Chert		10754		Lime and Shale
	9594		Lime and Shale		10861		Lime
	9602		Lime and Chert		10873		Lime and Shale
	9643		Lime and Shale		11007		Lime
	9655		Lime		11018		Lime and Shale

ATTACH SEPARATE SHEET IF ADDITIONAL SPACE IS NEEDED

FORMATIONS CONTINUED

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.

July 23, 1952 (Date)

Company or Operator Gulf Oil Corporation Address Box 2167, Hobbs, New Mexico

Name Chas. Taylor Position or Title Area Prod. Supt.

L. R. Chamberlain #4

FORMATION RECORD CONTINUED

FROM	TO	FORMATION
	11,042'	Shale
	11,064	Shale and Lime
	11,098	Shale
	11,101	Lime and Shale
	11,103	Shale and Chert
	11,207	Shale
	11,210	Shale and Chert
	11,214	Lime and Chert
	11,241	Lime and Shale
	11,259	Lime and Chert
	11,265	Lime, Shale & Chert
	11,279	Lime and Chert
	11,326	Lime, Shale & Chert
	11,347	Lime and Chert
	11,405	Shale and Lime
	11,409	Lime and Chert
	11,416	Shale and Lime
	11,424	Lime and Chert
	11,428	Lime & Cherty Shale
	11,454	Lime and Chert
	11,458	Lime, Shale & Chert
	11,463	Lime and Shale
	11,468	Lime & Cherty Shale
	11,489	Lime
	11,495	Lime and Shale
	11,511	Lime and Chert
	11,520	Lime and Shale
	11,535	Lime, Shale & Chert
	11,574	Lime and Shale
	11,595	Lime
	11,619	Lime and Shale
	11,644	Shale
	11,658	Lime, Shale & Chert
	11,672	Shale and Lime
	11,675	Shale and Chert
	11,686	Lime, Shale & Chert
	11,729	Shale and Lime
	11,733	Chert and Lime
	11,739	Shale and Chert
	11,761	Lime, Shale & Chert
	11,767	Shale and Chert
	11,774	Lime, Shale & Chert
	11,787	Shale
	11,795	Shale and Chert
	11,800	Lime and Chert
	11,807	Shale and Chert
	11,833	Shale and Lime
	11,883	Shale
	11,891	Lime and Shale
	11,897	Chert and Shale
	11,915'	Lime and Chert
	11,937	Chert
	11,941	Chert and Shale
	11,953	Chert
	11,964	Shale and Lime
	11,967	Chert and Shale
	11,969	Chert
	11,975	Lime, Shale & Chert
	11,983	Shale and Chert
	11,992	Lime, Shale & Chert
	12,005	Shale and Chert
	12,011	Shale and Lime
	12,026	Shale and Chert
	12,031	Shale, Lime & Chert
	12,050	Shale and Chert
	12,080	Lime and Shale
	12,112	Lime
	12,278	Lime and Shale
	12,281	Chert and Shale
	12,285	Shale, Lime, Chert
	12,307	Lime and Shale
	12,317	Shale
	12,323	Lime and Shale
	12,331	Shale and Chert
	12,335	Shale, Lime & Chert
	12,347	Lime and Shale
	12,355	Shale, Lime & Chert
	12,360	Chert
	12,368	Chert and Shale
	12,347	Lime, Chert & Sand
	12,397	Lime and Shale
	12,399	Lime and Chert
	12,403	Lime and Shale
	12,450	Lime and Chert
	12,456	Shale, Lime & Chert
	12,496	Lime and Chert
	12,667	Shale and Chert
	12,709	Shale and Lime
	12,717	Shale and Chert
	12,749	Shale and Lime
	12,790	Shale and Chert
	12,811	Shale and Lime
	12,864	Shale and Chert
	12,904	Shale and Lime
	12,923	Shale and Chert
	12,976	Shale and Lime
	12,990	Shale
	13,018	Lime and Shale

PBTD 9410'

L. R. Chamberlain #4

DRILL STEM TESTS

No. 1 - 2-16-52 - 1 Hour Johnston Drill Stem test 9253-9302' - Misrun

No. 2 - 2-16-52 - 1 Hour Johnston Drill Stem test 9253-9302' with 5/8" choke at 9229' - Used 2 packers at 9246' and 9253' - Bombs at 9298' and 9300' - Tool opened 4:50 AM 2-16-52 - Gas to surface 15 minutes, too small to measure - Medium blow at start of test - Gradual decrease almost dead at end of test - Recovered 2170' fluid, 270' of this was oil and gas cut drilling mud - cut 25% oil, 1900' clean oil - Hydrostatic Pressure 4275# - Flowing Pressure 325 # - 15 Minute BHP 3275#.

No. 3 - 2-18-52 - 1 Hour Halliburton Drill Stem test - 9301-9360' with 5/8" choke at 9269' - Used 2 packers at 9293' and 9301' - Bombs at 9271' and 9359' - Tool opened at 6:57 PM 2-18-52 - No gas to surface - Light blow of air throughout test - Recovered 330' fluid, 120' of this drilling mud and 210' oil and gas cut mud, cut 10% oil - Hydrostatic Pressure 4275# - Flowing Pressure 115-200# - 15 Minute BHP 200#.

No. 4 - 2-21-52 - 1 Hour Halliburton Drill Stem test - 9360-9395' with 5/8" choke at 9329' - Used 2 packers at 9353' and 9360' - Bombs at 9335' and 9394' - Tool opened 7:03 AM 2-21-52 - No gas or fluid to surface - Very light blow of air throughout test - Recovered 240' of fluid, 60' of mud, 180' of oil and gas cut mud, cut 10% oil - Hydrostatic Pressure 4350# - Flowing Pressure 100# - 15 Minute BHP 400#.

No. 5 - 2-23-52 - 1 Hour Halliburton Drill Stem test 9395-9453' with 5/8" choke at 9363' - Used 2 packers at 9387' and 9395' - Bombs at 9451' and 9448' - Tool opened 2:14 PM 2-23-52 - No gas or fluid to surface - Very light blow of air throughout test - Recovered 210' of fluid, oil and gas cut mud, cut 1% oil Hydrostatic Pressure 4100# - Flowing Pressure 70# - 15 Minute BHP 108#.

DEVIATION - TOTCO SURVEYS

DEPTH	DEG. OFF	DEPTH	DEG. OFF	DEPTH	DEG. OFF
1050'	3/4	8619'	2	11,123'	6-1/4
2480	1/2	8685	2-1/2	11,166	7-3/4
3271	1/4	8765	2-1/4	11,210	7-3/4
3625	1	8860	2	11,240	7-1/2
3863	1-1/4	8960	3/4	11,259	7-3/4
4130	1-3/4	9035	4-1/2	11,268	7-3/4
4233	1-3/4	9040	3-1/4	11,326	7-1/2
4450	1-1/4	9050	4	11,338	7-1/2
4575	1-1/4	9065	4	11,346	8-1/2
4700	1-1/4	9080	5-1/4	11,356	8-1/2
4875	1-1/2	9081	5-1/4	11,368	8-1/2
5000	2	9090	5-3/4	11,387	8-1/2
5070	1-1/4	9095	5-1/4	11,405	9-1/2
5315	3/4	9107	5-3/4	11,493	8-3/4
5540	1-1/4	9116	6	11,487	8-1/4
5615	1-1/4	9119	5-1/2	11,510	6-1/4
5715	1-1/2	9132	6	11,542	7-1/4
5820	1-3/4	9150	6	11,573	6-1/4
5920	1-3/4	9291	6-1/2	11,630	6-3/4
6040	1-1/2	9350	7	11,728	5-1/2
6075	1-3/4	9360	7	11,748	5-1/2
6179	2	9453	7-1/2	11,883	4
6275	1-3/4	9476	7	11,907	4-1/4
6325	1-3/4	9518	6-3/4	11,936	5-3/4
6408	1-3/4	9546	6-1/4	11,945	5-3/4
6450	1-3/4	9578	6-1/4	11,951	5-1/2
6510	1-1/2	9593	6-1/2	11,969	5-3/4
6570	1-1/2	9610	6	11,987	5-3/4
6614	1-3/4	9643	6-1/2	12,030	6-1/2
6750	1-1/2	9667	6-1/4	12,110	5-1/2
6893	1-1/4	9676	6-1/4	12,193	5
6970	2	9710	6-1/2	12,238	3-3/4
7070	2-1/4	9741	5-3/4	12,278	3-1/4
7105	1-1/4	9843	5-3/4	12,316	3-1/4
7170	2	9930	5-1/4	12,354	3-1/2
7245	1-3/4	10,033	5-1/4	12,368	3
7340	1	10,138	5-3/4	12,398	4-1/4
7408	2-1/4	10,220	5-1/4	12,410	4-3/4
7470	2	10,307	5-1/4	12,418	4-3/4
7525	2-1/4	10,393	5	12,443	5-1/4
7650	1-1/2	10,487	4	12,529	5-1/4
7740	2-1/4	10,664	4-3/4	12,551	5-1/2
7830	1-3/4	10,714	4-3/4	12,570	5-1/2
7980	1-3/4	10,833	5-1/4	12,603	5
8060	1-1/2	10,860	5	12,657	4-3/4
8170	1-3/4	10,942	6	12,692	4-1/2
8345	2-1/4	11,026	5-3/4	12,723	4-1/2
8445	2	11,070	6-1/2	12,790	3-3/4
				12,826	4

L. R. Chamberlain #4