

Exhibit # 1 - 51



PETROLEUM AND ITS PRODUCTS

# GULF OIL CORPORATION

P. O. BOX 661 · TULSA 2, OKLAHOMA

GYPSY  
DIVISION

August 1, 1944

AIR MAIL

New Mexico Oil Conservation Commission  
Santa Fe, New Mexico

Gentlemen:

Reference is made to Case No. 51 scheduled for hearing before the Commission at 10:00 a.m. August 4, 1944. The Gulf Oil Corporation objects to the promulgation of an order requiring the filing of any geologist log, any electric log and the delivery of sample cuts to the State Bureau of Mines.

In any business, private information is essential for the proper conduct of the business. In fact, private information should properly be termed "stock in trade" and for this reason no regulatory body should require the divulging of such information. Also, no definite time limit can be placed on just how long such information should continue to be private no more than a time limit could be placed on how long geophysical information is useful as private information. Some information could be released quickly but the operator should have the right to determine the time when such information can be released without jeopardizing the company's interests. The release of such information to be held as confidential is not practical since there are so many opportunities for leaks.

It is conceivable that requiring the filing of such information, if taken, might actually reduce the frequency of obtaining such information and result in less efficiency in oil exploration and development for the reason if such information is to become public property, no prudent operator will make expensive and frequent tests, etc., when he knows the results will be furnished free to others.

With reference to the filing of geological logs, it is not common to make a geologic examination covering the full penetration of the well. Also, the recording of formations on logs is to a large degree a matter of personal opinion based on experience and observation, and the correlative points recorded are in most instances not alike as between individuals or companies. In fact, in Southeastern New Mexico, there are very few marker formations, such as Rustler and Yates, on which there are general agreements among geologists. The requirement that a personal opinion be filed as a matter of routine procedure does not appear to be reasonable. Further, the making of a single geological log requires hours and even days, and the mere copying of such a log requires hours of painstaking work.



DATE 8-1-44

FROM S. G. Sanderson

TO New Mexico Oil  
Conservation Commission

SHEET NO. 2

With reference to the filing of sample cuts, it appears that if the information is desirable and will be used, it should be worth the effort of having a representative obtain the samples at regular scout check meetings, as is done by the various companies involved. It is my understanding that Commission representatives have attended the scout check meetings, at least in Southeastern New Mexico, and that sample cuts have been available to them.

I strongly recommend that this entire matter be handled on a voluntary basis. It is my opinion that sufficient information will be voluntarily furnished to meet the needs for proper analyses by the Commission and State Bureau of Mines.

Very truly yours,

A handwritten signature in dark ink, appearing to be "S. G. Sanderson", written in a cursive style. The signature is positioned above the typed name and title.

S. G. Sanderson  
General Superintendent

SGS:SG

# STANOLIND OIL AND GAS COMPANY

FAIR BUILDING

FORT WORTH, TEXAS

PRODUCING DEPARTMENT

J. H. MOYAR

DIVISION SUPERINTENDENT

July 31, 1944

File: JHM-6669-310.12

Re: Oil Conservation Commission Hearing  
Santa Fe, New Mexico, August 4, 1944

Honorable John J. Dempsey, Governor,  
Chairman of New Mexico Oil Conservation Commission  
Santa Fe, New Mexico

Dear Sir:

Notice of the hearing to be held before the New Mexico Oil Conservation Commission at Santa Fe, New Mexico on August 4, 1944, has been received by our Company. Due to the general exigencies brought about by the war, we find it impossible to have our personnel from this office attend the hearing. A representative from our Tulsa office will attend the hearing of Case No. 54 in regard to the Picacho Unit Agreement, Lincoln County, New Mexico. For the other cases to be heard, we wish to state our position in the form of a written statement.

Case No. 51 calls for an order revising the rules and regulations of the Oil Conservation Commission as to well records, filing of geological and electrical logs and the delivery of a sample cut to the State Bureau of Mines when requested by the Commission. The Stanolind Oil and Gas Company is agreeable to revising the rules regarding submission of data to the Commission to the extent that geological and electrical logs when made or taken by the operators will be submitted, and also to furnish a sample cut to the State Bureau of Mines when requested by the Commission. The geological log would simply be a type written log showing the interval for various formations encountered and would not contain interpretative data. Also, it is our opinion that the State Bureau of Mines should furnish a container or sample sack for the well cuttings. The submission of samples and well data would be on the basis that the Bureau of Mines will keep the information confidential.

Case No. 55 which is the hearing for the application of Fred Turner, Jr., for a bonus allowable for discovery of a new oil pool or a new producing horizon in an existing oil field will have extension wells to possible commercially productive oil wells. Testimony was presented at the hearing before the Oil Conservation Commission on August 3, 1943, in regard to the bonus allowables for wildcat wells. The Stanolind Oil and Gas Company feels that the testimony was adequate at this previous hearing and that the Commission will be in a position to adopt any order on the basis of the testimony given at that hearing. We believe

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File: JHM-6669-310.12

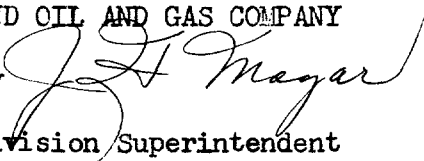
that any order for bonus allowables for wildcat wells should be carefully drawn in order to eliminate possible inequities caused by difference in allowable within a field.

In regard to other cases that are called for hearing, we do not wish to make a statement inasmuch as Stanolind Oil and Gas Company is not directly effected by these individual cases.

Yours very truly,

STANOLIND OIL AND GAS COMPANY

By

  
Division Superintendent

JHM:je

cc: Honorable H. R. Rodgers, Commissioner of Public Lands and Conservation Commissioner.  
Honorable John M. Kelley, State Geologist and Conservation Commissioner.  
Honorable Carl B. Livingston, Attorney for Oil Conservation Commission

NEW MEXICO SCHOOL OF MINES  
STATE BUREAU OF MINES AND MINERAL RESOURCES  
SOCORRO, NEW MEXICO

## WELL LOG DIVISION

CASING RECORD		ELEVATION		FEET
Diam., in	Bottom			
8 5/8"	236'			
5 1/2"	2986'			
INITIAL DAILY PRODUCTION:				
		Open	116	bbls. Oil
		Open	Gr. 38	cu. ft. Gas
		Tbg.		bbls. Oil
		Tbg.		cu. ft. Gas

COUNTY Lea  
FIELD Caprock  
COMPANY Malco Refineries, Inc.  
LEASE State "A" Well No. 2  
LOCATION (1/4) NE SW NE  
SEC. 31 T. 12 S. R. 32 E  
1650 feet from north line and  
1650 feet from east line of Section  
COMMENCED 5-8-44  
COMPLETED 5-30-44  
ABANDONED  
REMARKS:

FORMATION	BOTTOM, FEET	FORMATION	BOTTOM, FEET
Caliche, shale	164		
Sand, shale	253		
Red bed and shells; Top anhydrite 1390'	1395		
Anhydrite and shale	1418		
Anhydrite; Top of salt 1520'	1520		
Anhydrite and salt	2030		
Anhydrite and red rock; Base of salt 2140'	2205		
Anhydrite, salt and shale; Yates 2250'	2850		
Anhydrite	2970		
Anhydrite and shale	3000		
<u>Cable Tool</u>			
Anhydrite	2997		
Anhydrite and red bed	3024		
Sand; show of oil; Top of red sand 3024'; corrects to 3031' rotary	3026		
Sand; free oil	3028		
Sand and shale	3030		
Sand	3034 T.D.		

Corrects to 3041 Rotary.

SHOT RECORD

30 qts. 5-31-44 3030-3041

NEW MEXICO SCHOOL OF MINES  
STATE BUREAU OF MINES AND MINERAL RESOURCES  
SOCORRO, NEW MEXICO

## WELL LOG DIVISION

COUNTY Lea  
FIELD Penrose  
COMPANY Gulf Oil Corporation  
LEASE H.T. Katter "D" Well No. 5  
LOCATION (4) C NE NW  
SEC. 7 T. 22 S. R. 37 E  
660 feet from north line and  
1980 feet from west line of Section  
COMMENCED 4-13-44  
COMPLETED 5-13-44  
ABANDONED  
REMARKS:

CASING RECORD		ELEVATION	FEET
Diam., in	Bottom	3439	
9 5/8"	293'	Open	277
5 1/2"	3627'	Open	400,265
		Tbg.	
		Tbg.	
			bbbls. Oil
			cu. ft. Gas
			bbbls. Oil
			cu. ft. Gas

FORMATION	BOTTOM, FEET	FORMATION	BOTTOM, FEET
Surface sand and shale	300		
Shale and shells	1065		
Anhydrite	1100		
Anhydrite and shale	1165		
Salt	1195		
Anhydrite and salt	1465		
Anhydrite	1485		
Salt and anhydrite	2345		
Salt, anhydrite and shale	2470		
Salt breaks with anhydrite	2485		
Anhydrite	2905		
Lime and anhydrite	3230		
Lime	3288		
Lime and anhydrite	3319		
Lime	3571		
Lime, hard	3600		
Lime	3745	T.D.	

ACID TREATMENT

1000 gals. 5-26-44

NEW MEXICO SCHOOL OF MINES  
STATE BUREAU OF MINES AND MINERAL RESOURCES  
SOCORRO, NEW MEXICO

## WELL LOG DIVISION

COUNTY **Lea**  
FIELD **South Lovington**  
COMPANY **Fred Turner, Jr.**  
LEASE **State "B"** Well No. **1**  
LOCATION (1/4) **SE SW**  
SEC. **4** T. **17S** R. **36E**  
**660** feet from **north** line and  
**660** feet from **east** line of Section  
COMMENCED **5-20-44**  
COMPLETED **6-13-44**  
ABANDONED  
REMARKS:

CASING RECORD		ELEVATION		FEET
Diam., in	Bottom			
13"	326'			
8 5/8"	1963'	Open	600	bbls. Oil
5 1/2"	4682'	Open		cu. ft. Gas
		Tbg.		bbls. Oil
		Tbg.		cu. ft. Gas

## INITIAL DAILY PRODUCTION:

FORMATION	BOTTOM, FEET	FORMATION	BOTTOM, FEET
Caliche and sand	326		
Red bed	1665		
Red bed and blue shale	1874		
Red bed and lime	1900		
Anhydrite	2035		
Red bed	2090		
Salt, anhydrite, and shells	2716		
Salt and anhydrite	3000		
Salt, anhydrite, and shells	3129		
Anhydrite	3726		
Lime anhydrite	4475		
Lime	5175	T.D.	

NEW MEXICO SCHOOL OF MINES  
STATE BUREAU OF MINES AND MINERAL RESOURCES  
SOCORRO, NEW MEXICO

## WELL LOG DIVISION

COUNTY **Lea**  
FIELD **Wildcat**  
COMPANY **El Paso Natural Gas Company**  
LEASE **Ginsberg** Well No. **1**  
LOCATION (34) **S 3 NW**  
SEC. **7** T. **25 S** R. **38 E**  
**1980** feet from **north** line and  
**560** feet from **west** line of Section  
COMMENCED **9-9-43**  
COMPLETED **5-29-44**  
ABANDONED  
REMARKS:

CASING RECORD		ELEVATION	FEET
Diam., in	Bottom		
<b>13"</b>	<b>280'</b>	<b>3106</b>	INITIAL DAILY PRODUCTION:
<b>9 5/8"</b>	<b>2745'</b>		
		Open	bbls. Oil
		Open	P. & A. cu. ft. Gas
		Tbg.	bbls. Oil
		Tbg.	cu. ft. Gas

FORMATION	BOTTOM, FEET	FORMATION	BOTTOM, FEET
Caliche	50		
Red rock	980		
Anhydrite and shale	1150		
Salt and anhydrite	2640		
Anhydrite and shale	2750		
Lime, sand and shale	2890		
Lime, anhydrite and shale	3540		
Lime and sand	3900		
Lime and shale	4180		
Lime with streaks chert	5410		
Lime and shale	5800		
Lime	6450		
Lime and sand	6600		
Lime	7950		
Lime and shale	8180		
Black and brown shale	8400		
Lime and chert	8840		
Black shale	9420		
White lime	9600		
Lime and chert	10,150		
Brown lime	10,380		
Lime and chert	10,420		
Lime	10,540		
Lime and chert	10,680		
Lime	10,710		
Lime and chert	11,014	T.D.	



NEW MEXICO SCHOOL OF MINES  
STATE BUREAU OF MINES AND MINERAL RESOURCES  
SOCORRO, NEW MEXICO

## WELL LOG DIVISION

CASING RECORD		ELEVATION	FEET
Diam., in	Bottom		
		4058	
INITIAL DAILY PRODUCTION:			
	Open	87	bbls. Oil
	Open		cu. ft. Gas
	Tbg.		bbls. Oil
	Tbg.		cu. ft. Gas

COUNTY **Lea**  
FIELD **Vacuum**  
COMPANY **American Republics Corp.**  
LEASE **State "B"** Well No. **1**  
LOCATION (4) **SE NE**  
SEC. **33** T. **17 S**, R. **34 E**  
**1980** feet from **north** line and  
**660** feet from **east** line of Section  
COMMENCED **4-15-44**  
COMPLETED **6-6-44**  
ABANDONED  
REMARKS:

FORMATION	BOTTOM, FEET	FORMATION	BOTTOM, FEET
Red beds, shale, sand, and red rock	1488		
Red rock and anhydrite	1540		
Anhydrite	1705		
Salt shells	1895		
Salt	2550		
Salt and anhydrite	2690		
Anhydrite and salt	2813		
Anhydrite	3424		
Anhydrite and gypsum	3464		
Anhydrite	3483		
Anhydrite and gypsum	3670		
Lime and anhydrite	3716		
Broken lime	3802		
Gray lime	4590		
Brown lime	4600		
Soft brown lime	4614		
Brown lime and gypsum	4624		
Brown lime	4685	T.D.	

NEW MEXICO SCHOOL OF MINES  
STATE BUREAU OF MINES AND MINERAL RESOURCES  
SOCORRO, NEW MEXICO

## WELL LOG DIVISION

COUNTY **Lea**  
FIELD **Wildest**  
COMPANY **Magnolia Petroleum Company**  
LEASE **State "U"** Well No. **1**  
LOCATION (1/4) **NE SW**  
SEC. **10** T. **11S** R. **35E**  
**1980** feet from **south** line and  
**1980** feet from **west** line of Section  
COMMENCED **2-23-44**  
COMPLETED **4-8-44**  
ABANDONED  
REMARKS:

CASING RECORD		ELEVATION	FEET
Diam., in	Bottom		
13 3/8"	301'	Surface	1126
8 5/8"	2217'	DP	1136
		Open	bbls. Oil
		Open	cu. ft. Gas
		Tbg.	bbls. Oil
		Tbg.	cu. ft. Gas

INITIAL DAILY PRODUCTION  
**P. & A.**

FORMATION	BOTTOM, FEET	FORMATION	BOTTOM, FEET
Substructure	10		
Caliche sand	175		
Gray shale and lime	220		
Red shale	330		
Red sand	340		
Red and gray shale	430		
Red shale and sand	1340		
Red and gray shale and lime	1600		
Red shale and lime	2218		
Anhydrite and lime	2570		
Salt, shale and anhydrite	3610		
Anhydrite, shale and sand	4220		
Lime and anhydrite	4760		
Lime	4980		
Porous lime	5114		
Lime	5505	T. D.	

DST 4970-5019' - Open 30 min.  
Rec. 7' drilling mud. Cored 5104-5114. Rec. 2" very hard dense brown dolomite; water satined with string gas odor.

DST 5042-5114'. Tool open 30 min. Fair blow of air throughout. Rec. 345' of salt water and gas cut drilling mud.

Best porosity from 5050 to 5085'.

## DEVIATION RECORD

Straight @ 1800'  
2720' - 1 degree  
3000' - 1/2 "  
3600' - 1/2 "  
Straight @ 4300'

NEW MEXICO SCHOOL OF MINES  
STATE BUREAU OF MINES AND MINERAL RESOURCES  
SOCORRO, NEW MEXICO

WELL LOG DIVISION

CASING RECORD	
Diam., in	Bottom
9 5/8"	190'

ELEVATION FEET

INITIAL DAILY PRODUCTION:

Open 384 bbls. Oil  
Open cu. ft. Gas  
Tbg. bbls. Oil  
Tbg. cu. ft. Gas

COUNTY Lea  
FIELD Hobbs  
COMPANY Samedan Oil Corporation  
LEASE Turner "B" Well No. 2  
LOCATION (4) 8E  
SEC. 34 T. 18 S , R. 38 E  
400 feet from south line and  
1190 feet from east line of Section  
COMMENCED 5-11-44  
COMPLETED 6-5-44  
ABANDONED  
REMARKS:

FORMATION	BOTTOM, FEET	FORMATION	BOTTOM, FEET
Caliche and packed sand	35		
Lime	40		
Water sand	55		
Sand and clay	135		
Water sand	181		
Red beds	190		
Shale and sand	210		
Red beds	1355		
Shale and shells	1575		
Red rock	1618		
Anhydrite	1775		
Salt	1874		
Salt and red bed	2016		
Salt and anhydrite	2443		
Salt	2829		
Anhydrite	2860		
Anhydrite and salt streaks	2930		
Anhydrite	2990		
Brown lime and anhydrite	3062		
Lime and anhydrite	3105		
Anhydrite and gypsum	3155		
Lime and anhydrite	3177		
Lime	3205		
Anhydrite and lime	3240		
Anhydrite and lime	3595		
Lime	3634		
Anhydrite and lime	3672		
Lime	4181		
Broken lime	4211		
Lime	4225		
Brown lime	4233 T.D.		

Pay - 4225-4233

ACID TREATMENT

500 gal. 6-6-44 4225-4228

Case 51 Log. No. 3906

NEW MEXICO SCHOOL OF MINES  
STATE BUREAU OF MINES AND MINERAL RESOURCES  
SOCORRO, NEW MEXICO

## WELL LOG DIVISION

COUNTY Lea  
FIELD Arrowhead  
COMPANY Humble Oil & Refining Co.  
LEASE State "W" Well No. 7  
LOCATION (34)  
SEC. 19 NE 22S, R. 37E  
1980 feet from north line and  
1980 feet from east line of Section  
COMMENCED 4-4-44  
COMPLETED 4-26-44  
ABANDONED  
REMARKS:

CASING RECORD		ELEVATION		FEET
Diam., in	Bottom			
10 3/4"	478'	Open	136	bbls. Oil
5 1/2"	3715'	Open		cu. ft. Gas
2"	3652'	Tbg.		bbls. Oil
		Tbg.		cu. ft. Gas

## INITIAL DAILY PRODUCTION:

FORMATION	BOTTOM, FEET	FORMATION	BOTTOM, FEET
Sand and caliche	132		
Sand and shells	288		
Red beds	710		
Red beds and sand	928		
Red beds and shale	1150		
Gypsum	1217		
Anhydrite and shale	1622		
Anhydrite and salt	2240		
Anhydrite and shale	2554		
Anhydrite and gypsum	2860		
Anhydrite	2935		
Anhydrite and lime	2986		
Lime	3024		
Anhydrite	3067		
Anhydrite and lime	3103		
Lime and shale	3147		
Anhydrite and lime	3325		
Lime	3694		
Gray lime	3719		
Lime	3728 T.D.		

ACID TREATMENT

2000 gals. 5-1-44 3670-3710  
2000 gals. 5-9-44 3670-3700

DEVIATION TESTS

250	0°
1050	1/2°
1270	0°
1424	1/2°
1900	3/4°
2050	1°
2250	1 1/4°
2400	1°
3000	1 1/4°
3550	3/4°

NIL CONSERVATION COMMISSION  
SANTA FE, NEW MEXICO

C  
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Y

July 19, 1944

Hobbs Daily News  
Hobbs, New Mexico

Gentlemen:

On July 7th the Commission sent you legal advertisements in Cases 51 and 54, and on July 13th Case 55, with request in big type "UPON COMPLETION OF PUBLICATION PLEASE SEND PUBLISHER'S AFFIDAVIT".

These affidavits have not been received. Please check these and forward immediately.

Very truly yours,

John M. Kelly  
Director

By

Chief Clerk & Legal Adviser.

CEL:MS

U. S. BUREAU OF LAND MANAGEMENT  
NATIONAL CONSERVATION COMMISSION

SANTA FE, NEW MEXICO

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July 7, 1944

The Santa Fe New Mexican  
Santa Fe, New Mexico

Hobbs Daily News  
Hobbs, New Mexico

Artesia Advocate  
Artesia, New Mexico

Re: Case No. 51, Notice for Publication

Gentlemen:

Please publish the enclosed notice once, immediately.  
Please proof read the notice carefully and send a copy of  
the paper carrying such notice.

UPON COMPLETION OF THE PUBLICATION, PLEASE SEND  
PUBLISHER'S AFFIDAVIT.

For payment please submit statement in duplicate  
accompanied by voucher executed in duplicate. The vouchers  
must be signed by a notary in the space provided on the back  
of the voucher. The necessary voucher blanks are enclosed.

Very truly yours,

John M. Kelly  
Director

By

Chief Clerk & Legal Adviser

CHL:MS