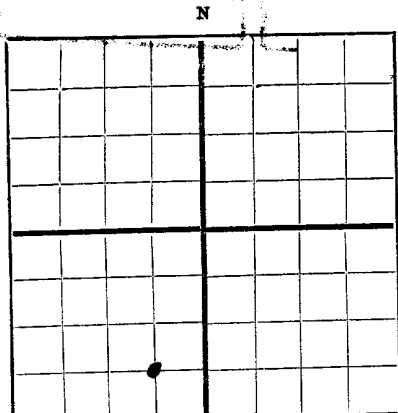


FORM C-105

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico



AREA 640 ACRES
LOCATE WELL CORRECTLY

WELL RECORD

Mail to Oil Conservation Commission, Santa Fe, New Mexico, or its proper agent not more than twenty days after completion of well. Follow instructions in the Rules and Regulations of the Commission. Indicate questionable data by following it with (?). SUBMIT IN TRIPLICATE. FORM C-110 WILL NOT BE APPROVED UNTIL FORM C-105 IS PROPERLY FILLED OUT.

Gulf Oil Corporation Hobbs, New Mexico
Company or Operator Address
Maud Saunders Well No. **1** in **SE SW** of Sec. **34**, T. **14 S**
Lease
R. **33 E**, N. **M. P. M.** **Wildcat** Field, **Lea** County.
Well is **660** feet **North** of the **North** line and **1980** feet **West** of the **East** line of **Section 34**
If State land the oil and gas lease is No. Assignment No.
If patented land the owner is **Mrs. Maud Saunders Smith** Address **Midland, Texas**
If Government land the permittee is Address
The Lessee is **Gulf Oil Corporation - Gypsy Division** Address **Tulsa, Oklahoma**
Drilling commenced **August 2** 19 **49** Drilling was completed **January 11** 19 **50**
Name of drilling contractor **Parker Drilling Company** Address **Tulsa, Oklahoma**
Elevation above sea level at top of casing **4207** feet.
The information given is to be kept confidential until 19

OIL SANDS OR ZONES

No. 1, from **9865** to **9882** 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 **(ROTARY TOOLS)** feet.
No. 3, from to feet.
No. 4, from to feet.

CASING RECORD

SIZE	WEIGHT PER FOOT	THREADS PER INCH	MAKE	AMOUNT	KIND OF SHOE	CUT & FILLED FROM	PERFORATED		PURPOSE
							FROM	TO	
13-3/8"	48#	8 Rd.	SS	309'					
9-5/8"	36 & 40#	8 Rd.	SS	4181'					
7"	23 & 26#	8 Rd.	SS	10745'			9865	9882	

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHODS USED	MUD GRAVITY	AMOUNT OF MUD USED
17-1/4"	13-3/8"	327	350	HOWCO		
12-1/4"	9-5/8"	4197	1800	HOWCO		
8-3/4"	7"	10759	800	HOWCO		

PLUGS AND ADAPTERS

Heaving plug—Material Length Depth Set
Adapters — Material Size

RECORD OF SHOOTING OR CHEMICAL TREATMENT

SIZE	SHELL USED	EXPLOSIVE OR CHEMICAL USED	QUANTITY	DATE	DEPTH SHOT OR TREATED	DEPTH CLEANED OUT
		Acid	1000 gal.	1-11-50	9865 to 9882	

Results of shooting or chemical treatment **After acid flowed 372 barrels of oil and 177 barrels of water through 2" open choke in 9 hours. API gravity 42.7, gas 1479 MCF.**

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 **13,232 / PB to 10,709 feet.** feet to feet
Cable tools were used from feet to feet, and from feet to feet

PRODUCTION

Put to producing **January 11,** 19 **50**
The production of the first **24** hours was **549** barrels of fluid of which **68** % was oil; %
emulsion; **32** % water; and % sediment. Gravity **API 42.7**
If gas well, cu. ft. per 24 hours Gallons gasoline per 1,000 cu. ft. of gas
Rock pressure, lbs. per sq. in.

EMPLOYEES

Parker Drilling Company Driller Driller
Driller Driller

FORMATION RECORD ON OTHER SIDE

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.

Subscribed and sworn to before me this **30th** **Hobbs, N. M.** **January 30, 1950**
day of **January**, 19 **50** Name **E. J. Gallagher**
Position **District Superintendent**
Representing **Gulf Oil Company** Company or Operator
My Commission expires **10-24-53** Address **Box 1667, Hobbs, N. M.**

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	334'		Surface (Set 13-3/8" Csg.)
	342'		Sand
	769'		Red Bed
	1226'		Red Bed and Shells
	1522'		Red Bed and Sand
	1640'		Red Bed
	2295'		Salt and Shells
	2645'		Salt
	2730'		Salt and Anhydrite
	2842'		Anhydrite and Gypsum
	3466'		Anhydrite
	3496'		Anhydrite and Salt
	3958'		Anhydrite
	3986'		Anhydrite and Lime
	4035'		Anhydrite
	4185'		Anhydrite and Lime
	4174'		Lime (Set 9-5/8" Csg.)
	7280'		Lime
	7365'		Lime and Chert
	7762'		Lime
	7790'		Lime and Shale
	7884'		Shale
	7910'		Lime Streaks and Shale
	7945'		Shale
	7954'		Lime
	8061'		Shale and Gypsum
	8139'		Shale
	8155'		Shale and Lime
	8197'		Shale and Lime
	8216'		Shale
	8265'		Shale and Lime
	8378'		Shale
	8400'		Lime
	8431'		Shale and Lime Streaks
	8568'		Lime and Shale
	8600'		Shale and Lime Streaks
	8631'		Lime
	8698'		Lime and Shale
	8731'		Lime
	8801'		Lime and Shale
	8974'		Shale and Lime
	9017'		Shale and Lime
	9048'		Chert and Lime
	9066'		Lime
	9345'		Lime
	9382'		Chert and Lime
	9400'		Lime
	9422'		Chert
	9452'		Chert and Lime
	9507'		Lime and Shale
	9619'		Lime
	9630'		Lime and Chert
	9648'		Lime
	9760'		Lime
	9770'		Lime and Chert
	9806'		Lime
	9986'		Lime and Shale
	10053'		Lime
	10090'		Lime and Shale Streaks
	10313'		Lime
	10331'		Lime and Dolomite
	10357'		Lime and Shale
	10375'		Lime and Chert
	10403'		Lime and Shale
	10409'		Lime and Chert
	10435'		Sand and Shale
	10444'		Lime and Chert
	10469'		Shale and Sandy Lime
	10489'		Lime and Sand and Shale
	10522'		Lime
	10572'		Lime and Dolomite
	10651'		Lime and Shale
	10670'		Lime and Dolomite
	10707'		Shale
	10737'		Shale and Lime
	10870'		Shale and Lime
	10878'		Chert
	10900'		Shale and Lime
	10951'		Lime
	10973'		Lime and Shale
	11003'		Lime and Sand
	11028'		Shale and Sand
	11064'		Shale and Lime
	11081'		Sandy Lime and Chert
	11095'		Lime
	11139'		Lime and Sand
	11164'		Sandy Lime
	11208'		Sand and Shale
	11218'		Lime
	11268'		Shale and Lime
	11287'		Lime
	11326'		Lime and Shale
	11355'		Sandy Lime and Shale
	11375'		Lime
	11408'		Shale and Lime
	11419'		Lime
	11449'		Lime and Shale
	11452'		Lime and Chert
	11467'		Lime and Shale
	11563'		Lime and Chert
	11575'		Shale and Chert
	11582'		Shale and Chert
	11597'		Lime
	11607'		Shale and Chert
	11617'		Lime and Shale
	11639'		Lime
	11643'		Lime and Shale
	11673'		Lime
	11686'		Shale and Sandy Lime
	11710'		Shale and Lime Streaks
	11732'		Lime
	11744'		Lime and Shale
	11761'		Lime
	11768'		Chert and Lime
	11783'		Lime

FORMATION RECORD

<u>FROM</u>	<u>TO</u>	<u>THICKNESS</u> <u>IN FEET</u>	<u>FORMATION</u>
(CONTINUED)			
11815'			Lime and Shale
11827'			Lime
11866'			Lime and Shale
11879'			Shale
11967'			Shale
11986'			Shale and Lime
12062'			Shale and Lime
12072'			Shale
12094'			Shale, Lime, and Chert
12118'			Shale
12122'			Shale
12154'			Shale and Lime
12164'			Lime and Shale
12177'			Shale
12218'			Lime and Shale
12237'			Lime
12271'			Shale and Lime
12287'			Shale
12303'			Lime
12313'			Lime and Chert
12326'			Lime and Chert
12339'			Shale and Lime
12357'			Chert
12364'			Lime and Chert
12379'			Shale and Lime
12401'			Lime and Shale
12418'			Shale and Chert
12440'			Shale
12450'			Lime and Shale
12466'			Shale, Lime, and Chert
12511'			Lime and Shale
12526'			Shale
12532'			Lime and Chert
12540'			Chert
12545'			Chert
12556'			Chert and Lime
12564'			Chert
12575'			Lime
12587'			Lime
12597'			Lime and Shale
12606'			Lime
12624'			Lime and Chert
12630'			Shale and Lime
12644'			Chert
12655'			Lime and Chert
12691'			Lime
(CONTINUED)			

FORMATION RECORD

<u>FROM</u> (CONTINUED)	<u>TO</u>	<u>THICKNESS</u> <u>IN FEET</u>	<u>FORMATION</u>
12691'	12709'		Shale and Lime
	12743'		Shale
	12763'		Shale and Lime
	12778'		Shale and Lime
	12811'		Lime
	12836'		Shale and Lime
	12870'		Shale and Lime
	12876'		Sandy Lime
	12903'		Lime and Shale
	12966'		Lime
	13033'		Lime and Chert
	13052'		Lime and Chert
	13058'		Lime and Chert
	13064'		Lime
	13075'		Lime and Chert
	13085'		Chert
	13090'		Lime and Chert
	13096'		Lime and Chert
	13180'		Chert
	13214'		Lime and Chert
	13232'		Chert (Set 7" Csg.)

FORMATION TOPS

Anhydrite	1520'
Top Salt	1650'
Base Salt	2475'
Brown Lime	2610'
White Lime	4160'
Oil Pay	9865 to 9882'

RECORD OF DRILL STEM TESTS

Maud Saunders Well No. 1 in SE SW of Sec. 34 T 14 S
R 33 E N.M.P.M. Wildcat Field, Lea County.

Drill stem tests were as follows:

On September 27, 1949 - DST at TD of 9245' with 8" Halliburton packer set at 9192' (5/8" SS and 5/8" S choke). Tool open 10 minutes, had light blow of air for 5 minutes then reset packer, left for 8 minutes then reset packer, let set for 15 minutes with 15 minute B. U. Recovered 30' drilling fluid in 4½" drill pipe. FP - 400#, BUP - 825#, HSP - 4800#.

On October 6, 1949 - DST at TD of 9598' with 8" Halliburton packer set at 9564' (5/8" SS and ½" S choke), and 600' of water blanket. Tool open 1 hour with 15 minute B. U. No gas or oil to surface. Recovered 600' of water blanket and 45' of drilling fluid in 4½" drill pipe. FP - 280#, HSP - 4900#, BUP - could not obtain.

On October 12, 1949 - DST at TD of 9883' with 8" Johnston packer set at 9802' (5/8" SS and 3/4" S choke), 810' of water blanket. Tool open 2 hours with 15 minute B. U. Water blanket to surface in 22 minutes, 529,000 cubic feet of gas to surface in 25 minutes, oil in 35 minutes. Flowed into pits for 25 minutes and then flowed 5 bbls. of oil and 25 bbls. of salt water in 1 hour. FP - 2700#, BUP - 3575#, HSP - 5000#.

On October 17, 1949 - DST at TD 9912' with 8" Johnston packer set at 9867' (5/8" SS and 3/4" S choke). Tool open 2½ hours with 15 minute B.U. 1,881 MCF of gas to surface in 15 minutes, water and mud in 21 minutes, oil in 37 minutes. Flowed into pit 44 minutes and then flowed 41 bbls. of 41 gravity oil and 16 bbls. of salt water in 1 hour. FP - 2825#, BUP - 3150#, HSP - 5075#.

On October 18, 1949 - DST at TD of 9942' with 5½" Johnston packer set at 9925' (5/8" SS and 3/4" S choke), and 810' of water blanket in 4½" drill pipe. Tool open 2½ hours with 15 minute B. U. 439 MCF of gas to surface in 14 minutes, mud and water in 1 hour. Flowed into pit for ½ hour and then flowed 14 bbls. of water with show of oil in 1 hour. FP - 1550 to 3175#, BUP - 3475#, HSP - 5100#.

On October 22, 1949 - DST at TD of 10,194' with 8" Johnston packer set at 10,129'. Used 1170' of water blanket and 5/8" SS and 3/4" S choke. Tool open 1 hour 32 minutes with 8 minute B. U. Strong blow of air for 25 minutes, no gas or oil to surface. Recovered 1170' of water blanket and 7452' of sulphur water in 4½" DP. FP - 3675#, BUP - 3675#, HSP - 5200#.

M. Saunders 1

RECORD OF DRILL STEM TESTS

On November 27, 1949 - DST at TD of 12,003' with 8" Johnston packer set at 11,988', with 2000' of water blanket (5/8" SS and 3/4" S choke). Tool open 1/2 hour with 15 minute B. U. Light blow of air occurred for 6 minutes. Packer stuck 1 1/2 hours C. Recovered 2000' of water blanket and 30' of drilling fluid. FP -0, BUP - 225#, HSP - 6450#.