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LAND OFFICE	
OPERATOR	

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-103
Supersedes Old
C-102 and C-103
Effective 1-1-65

SUNDRY NOTICES AND REPORTS ON WELLS

DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO OPERATE OR PUMP BACK TO A DIFFERENT RESERVOIR.
USE APPLICATION FOR REPORT OF PRODUCTION C-101 FOR SUCH PROPOSALS.

5a. Indicate Type of Lease
State ☐ Fee ☒
5. State Oil & Gas Lease No.
7. Unit Agreement Name
8. Farm or Lease Name
Mark Owen
9. Well No.
2
10. Field and Pool, or Wildcat
Penrose Skelly
12. County
Lea

1. OIL WELL ☒ GAS WELL ☐ OTHER ☐
2. Name of Operator
Gulf Oil Corporation
3. Address of Operator
Box 670, Hobbs, New Mexico 88240
4. Location of Well
UNIT LETTER 0 660 FEET FROM THE South LINE AND 1980 FEET FROM THE East LINE, SECTION 34 TOWNSHIP 21-S RANGE 37-E N.M.P.M.

15. Elevation (Show whether DF, RT, GR, etc.)
3427' GL

16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data	
NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐	REMEDIAL WORK ☐
PULL OR ALTER CASING ☐	COMMENCE DRILLING OPNS. ☐
OTHER ☐	CASING TEST AND CEMENT JOBS ☐
	OTHER ☐
	Plugged and abandoned

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

3740' TD.

Pulled producing equipment. Set CI BP at 3500' and capped with 79' cement plug, abandoning open hole interval 3575' to 3740'. Found holes in 6" casing at 620' and 844'. Pumped in with fresh water at 1/2 BPM at 750#. Set cement retainer at 715' and pumped 90 sacks of cement thru hole at 844' and circulated cement out of hole at 620'. Dumped 215' cement on top of retainer at 715'. Loaded hole with abandonment mud. Spotted cement plug from 60' to surface. Installed dry hole marker and cleaned location. Plugged and abandoned October 1, 1976.

Cumulative Production from the

Dec. 31, 1993 Report

66301 BO, 3988 BW, 24431 MCF

18. I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNED <u>D. F. Berlin</u>	TITLE <u>Area Engineer</u>	DATE <u>October 1, 1976</u>
APPROVED BY <u>/</u>	TITLE <u></u>	DATE <u></u>
CONDITIONS OF APPROVAL, IF ANY:		



A 5x5 grid with a 3x3 sub-grid in the center. The central 3x3 sub-grid is shaded gray. The grid is labeled 'N' at the top center and 'W' on the left side.

Well No. 2

Sec. 31 Twp. 21 Range 37 County Lee

Feet from Line: ... N. 660 S. 1980 E. W.

Elevation 3477 Method

Contractor James M. Smith Scout

Spudded 5-6-46 Completed 5-28-46 Initial Production

Bond Status

Size	Feet	Inches	Sax Cement
7 1/2	251		200
6	251 1/2		200

Gals.

2000

Top Pay 3700

TD

TA 1160

TS

BS 2382

TRS

TBL

TWL

2nd 3758

SHOOTING RECORD

No. of Quarts

Shot at

Feet

No. of Quarts

Shot at

Feet

S/O

S/O

S/O

S/O

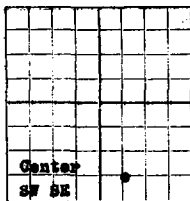
S/O

S/O

DATE		DATE	
	5-1-40 C. & P		
MAY 8	TD 757 RR WOC		
MAY 15	6 7717 A		
MAY 28	TD 3580 L WOC		
MAY 28	TD 3740 L Squaking		
JUN 5	TD 3740 L		
	1P Fle Nat. 274 130 13 hrs open 2"		
	Est 100 MCF gas		
	Gr 26.7		
	SI		

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico



AREA 400 ACRES
LOCATE WELL CORRECTLY

DUPLICATE

WELL RECORD

RECEIVED

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 (1). SUBMIT IN TRIPPLICATE.

Gulf Oil Corporation

Tulsa, Oklahoma

Company or Operator Mark Owen Well No. 2 in SW SE of Sec. 34, T. 21S

R. 37E N. M. P. M. Hardy Field Lea County.

Well is 1980 feet south of the North line and 1980 feet west of the East line of SE/4

If State land the oil and gas lease is No. _____ Assignment No. _____

If patented land the owner is _____ Address _____

If Government land the permittee is _____ Address _____

The Lessee is Gulf Oil Corporation Address Tulsa, Oklahoma

Drilling commenced 5-5-40 Drilling was completed 5-29-40

Name of drilling contractor Sparkman & Roush Address Tulsa, Oklahoma

Elevation above sea level at top of casing 3427 feet.

The information given is to be kept confidential until _____ ? _____

OIL SANDS OR ZONES

No. 1, from 3635' to 3740' No. 4, from _____ to _____
Pay 3700' No. 5, from _____ to _____
No. 2, from _____ to _____ No. 6, from _____ to _____
No. 3, from _____ to _____

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from Rotary hole to _____ feet.
No. 2, from _____ to _____ 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 FROM TO	PURPOSE
9-5/8"	25.7#	3-Gauge	Armed	251'				
6"	16#	8 & 10	Smile	3575'				

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WEIGHT SET	NO. BAGS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
13-3/4"	9-5/8"	251'	200	Halliburton	Used 200# of calcium chloride	
7-7/8"	6"	3575'	300	Halliburton		

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
		Hydrochloric Acid	2000	5-29-40	3740'	

Results of shooting or chemical treatment _____

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 3740' feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

PRODUCTION

Put to producing June 1, 1940
The production of the first 24 hours was 12 1/2 barrels of fluid of which _____ % was oil; _____ % emulsion; _____ % water; and _____ % sediment. Gravity, Ba. Corrected 36.2
If gas well, cu. ft. per 24 hours 269,568 Gallons gasoline per 1,000 cu. ft. of gas
Rock pressure, lbs. per sq. in. Casing pressure 210#

EMPLOYEES

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 16 Tulsa, Oklahoma June 20, 1940
Notary Public AS Name AS

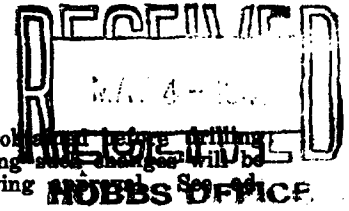
FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0'	125'		Sand, caliche & shells
	200		Sand & shells
	519		Red bed
	912		Red bed & shells
	1082		Red rock & shells
	1165		Red bed & shells
	1252		Anhydrite
	1256		Salt
	1465		Salt & shells
	1775		Salt & anhydrite
	2090		Salt & shells
	2315		Salt
	2380		Salt & shells
	2584		Anhydrite
	2667		Anhydrite & gypsum
	2775		Anhydrite
	2813		Anhydrite & lime
	3450		Lime
	3490		Hard gray lime
	3740		Lime
			TOTAL DEPTH
			<u>GEOLOGICAL TESTS</u>
			Anhydrite 1160'
			Salt Base 2390'
			Yates 2570'
			Knight 3550'
			Penrose 3680'
			Kunze Dolomite 3635'
			Pay 3700'
			Total depth 3740'

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

NOTICE OF INTENTION TO DRILL

Notice must be given to the Oil Conservation Commission or its proper agent and approval obtained before drilling begins. If changes in the proposed plan are considered advisable a copy of this notice showing such changes will be returned to the sender. Submit this notice in triplicate. One copy will be returned following additional instructions in Rules and Regulations of the Commission.



OIL CONSERVATION COMMISSION
Santa Fe, New Mexico.

Tulsa, Oklahoma

May 2, 1940

Place

Date

Gentlemen:

You are hereby notified that it is our intention to commence the drilling of a well to be known as _____

Gulf Oil Corporation Mark Owen Well No. 2 in SW SE

Company or Operator

Lease

of Sec. 34, T. 21S, R. 37E, N. M. P. M., Hardy Field, Lea County

N.

The well is 660 feet (N.) ~~NE~~ of the South line and 660 feet

(E.) ~~NE~~ of the West line of SE/4

(Give location from section or other legal subdivision lines. Cross out wrong directions)

If state land the oil and gas lease is No. _____ Assignment No. _____

If patented land the owner is _____

Address _____

If government land the permittee is _____

Address _____

The lessee is Gulf Oil Corporation

Address Tulsa, Oklahoma

AREA 640 ACRES
LOCATE WELL CORRECTLY

We propose to drill well with drilling equipment as follows: _____

Rotary tools. Contractor - Sparkman & Reusch of Tulsa, Oklahoma.

The status of a bond for this well in conformance with Rule 39 of the General Rules and Regulations of the Commission is as follows: _____

We propose to use the following strings of casing and to land or cement them as indicated:

Size of Hole	Size of Casing	Weight Per Foot	New or Second Hand	Depth	Landed or Cemented	Sacks Cement
12-1/4"	9-5/8"	25.7	New	260'	Cemented	200
7-7/8"	6"	14	New	3600'	Cemented	300

If changes in the above plan become advisable we will notify you before cementing or landing casing. We estimate that the first productive oil and gas sand should occur at a depth of about 3600' feet.

Additional information:

MAY 4 - 1940

Approved _____, 19____
except as follows:

Sincerely yours,

Gulf Oil Corporation

Company or Operator

By [Signature]

Position General Superintendent

Send communications regarding well to
E. G. Sanderson

Name _____

Address Tulsa, Oklahoma. Box 661

OIL CONSERVATION COMMISSION

By Roy Garbrough

Title OIL & GAS INSPECTOR

[illegible]

I N D E X

VOLUME I

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SOUTHEASTERN NEW MEXICO

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ABBREVIATIONS IN METHOD OF PRODUCTION COLUMN

A ABANDONED, CONVERTED, ETC.	I INPUT
D DEAD	N NOT CONNECTED
F FLOWING	P PUMPING
G GAS LIFT	S SHUT IN
T TEMPORARILY ABANDONED	

ABBREVIATIONS IN TYPE OF PRODUCTION COLUMN

* OIL OR DISTILLATE PRODUCTION
G DRY GAS OR CASINGHEAD GAS PRODUCTION
W WATER PRODUCTION

HARDY AREA Oil Production - 1940

Company	Lease	Well	S.T. & R	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total	1940 to 1-1-41	Accum.
DANGLADE-CLOSTER (CONT'D)																		
Owen		2-D	34-21-37	1234	1269	1492	1372	1264	1185	1236	1172	1077	1115	1102	1175	14693	22705	
Owen		3-K	34-21-37	1234	1269	1492	1372	1264	1185	1236	1172	1077	1115	1102	1175	14693	20172	
Owen		4-N	34-21-37	-	-	-	-	1264	1185	1236	1172	1077	1115	1102	1175	9326	9326	
GETTY OIL COMPANY																		
Hardy		1-P	20-21-37	346	207	305	200	174	282	241	261	224	219	228	277	2964	20087	
Hardy		2-O	20-21-37	80	208	401	200	229	283	188	211	234	226	212	246	2718	13552	

GULF OIL COMPANY																		
Carson		1-L	28-21-37	466	419	466	421	453	362	-	364	472	448	367	390	4628	32890	
Carson	C	1-A	33-21-37	1437	1131	1448	1419	1261	1227	1247	1169	1078	1141	944	1202	14704	25115	
Hardy		1-M	20-21-37	239	264	129	247	263	143	209	185	140	199	204	129	2351	10659	
King		1-E	28-21-37	366	453	337	450	452	300	305	549	415	424	399	380	4830	45875	
King		2-D	28-21-37	350	390	334	442	399	255	305	271	398	444	345	319	4252	24571	
King		3-F	28-21-37	343	395	177	447	352	289	273	206	259	253	303	416	3713	23092	
Wattern	B	1-I	31-21-37	1435	1386	1536	1405	1294	1084	1263	1174	1061	1069	1084	1231	15022	73496	
Wattern	B	2-H	31-21-37	1282	1359	1508	1026	765	1278	1224	1502	1044	1185	1096	1264	14533	26038	
Wattern	B	3-A	31-21-37	1332	1392	1534	1499	1249	1136	1190	1185	1062	1098	1087	1171	14835	16856	
Wattern	B	4-P	30-21-37	1405	1387	1533	1532	1252	1033	1193	1179	1063	1101	1086	1213	14997	15685	
Wattern	C	1-I	18-21-37	304	703	516	856	862	346	329	1188	1070	838	708	956	8676	36683	
McCormack		1-A	32-21-37	1004	460	636	700	431	394	625	567	610	515	620	491	7053	78044	
McCormack		2-B	32-21-37	1207	1114	1160	700	594	526	626	572	393	361	363	301	7922	55082	
McCormack		3-P	32-21-37	488	433	447	360	316	281	456	434	374	451	440	363	4843	31539	
McCormack		4-O	32-21-37	641	718	646	602	590	414	431	434	528	584	537	439	6614	33105	
McCormack		5-O	32-21-37	1068	929	830	1140	1030	1173	960	920	671	661	590	553	10525	36406	
McCormack		6-J	32-21-37	627	517	556	524	517	238	113	576	485	527	474	382	5536	23620	
McCormack		7-I	32-21-37	1127	1142	1291	983	871	562	483	501	522	607	518	433	9040	21689	
McCormack		8-H	32-21-37	1052	793	827	647	491	706	490	500	606	458	587	495	7652	9696	
Owen		1-J	32-21-37	1262	1342	1483	1398	1249	1122	1100	1018	1024	1121	1332	1494	14945	16347	
Owen		2-O	32-21-37	-	-	-	-	-	1326	1339	1377	1133	1185	878	880	8118	8118	

ILLINOIS OIL CO.																		
Alexander		1-N	5-21-37	285	373	240	224	296	129	-	246	175	341	198	191	2698	14875	

LEA COUNTY OPERATORS COMMITTEE

HOBBS, NEW MEXICO

1940 ANNUAL REPORT

LEA COUNTY OPERATORS

GENTLEMEN:

Contained herein is the Annual Report of the Lea County Operators Committee and the Engineers Advisory Committee. This report covers in detail drilling and production data for all fields in Lea County for 1940. A general tabulation is included covering production and drilling figures up to January 1, 1941.

Respectfully submitted

Glenn Staley
Glenn Staley