

NMOCC COPY
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See instructions on
reverse side)Copy to 57
Form approved.
Budget Bureau No. 42-R355.6.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL:		OIL WELL ☐	GAS WELL ☒	DRY ☐	Other ☐		
b. TYPE OF COMPLETION:		NEW WELL ☒	WORK OVER ☐	DEEP-EN ☐	PLUG BACK ☐	DIFF. RESVR. ☐	Other ☐
2. NAME OF OPERATOR Gulf Oil Corporation							
3. ADDRESS OF OPERATOR P. O. Box 670, Hobbs, NM 88240							
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1680' FNL & 1980' FWL, Sec 29, T20S-R28E At top prod. interval reported below At total depth							
14. PERMIT NO.				DATE ISSUED MAR 28 1978			
15. DATE SPUDDED 1-27-78				17. DATE COMPL. (Ready to prod.) 3-19-78			
16. DATE T.D. REACHED 3-4-78				18. DEPTH OF WELL RT, GR, ETC.* 3328' GL			
20. TOTAL DEPTH, MD & TVD 11,478'				21. PLUG, BACK T.D., MD & TVD 11,453'		22. IF MULTIPLE COMPL., HOW MANY* single	
23. INTERVALS DRILLED BY 0-11,478'				24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 11,116-11,237' Morrow			
25. WAS DIRECTIONAL SURVEY MADE No				26. TYPE ELECTRIC AND OTHER LOGS RUN GR/FDL/CNL - DLL/MLL			
27. WAS WELL CORED No				28. CASING RECORD (Report all strings set in well)			
CASING SIZE		WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED	
13 3/8"		48#	600'	17 1/2"	530 sacks - circ		
8 5/8"		24#	2898'	12 1/4"	1150 sacks - circ		
5 1/2"		17#	11,478'	7 7/8"	1100 sxs - TSITOC 6570'		
29. LINER RECORD				30. TUBING RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8"	11,046'	11,039'
31. PERFORATION RECORD (Interval, size and number) Perforated 5 1/2" casing w/2-1/2" JHPF at 11,116-11,205' to 11,232'-11,237' Morrow				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. DEPTH INTERVAL (MD) 11,116-11,237' AMOUNT AND KIND OF MATERIAL USED None			
33.* PRODUCTION							
DATE FIRST PRODUCTION 3-19-78		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing			WELL STATUS (Producing or shut-in) SI		
DATE OF TEST 3-22-78	HOURS TESTED 4	CHOKE SIZE adjustable	PROD'N. FOR TEST PERIOD →	OIL—BBL. 3	GAS—MCF. 2508	WATER—BBL. -	GAS-OIL RATIO 836
FLOW. TUBING PRESS. 2275#	CASING PRESSURE -	CALCULATED 24-HOUR RATE →	OIL—BBL. 18	GAS—MCF. 11,050	WATER—BBL. -	OIL GRAVITY-API (CORR.) 52.5	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) to be sold						TEST WITNESSED BY R. N. Magee	
35. LIST OF ATTACHMENTS							
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records							
SIGNED N. P. Sikar, Jr.		TITLE Area Engineer			DATE 3-27-78		

*(See Instructions and Spaces for Additional Data on Reverse Side)

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES:			38. GEOLOGIC MARKERS	
SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES				
FORMATION	TOP	BOTTOM	NAME	MEAS. DEPTH
				TRUE VERT. DEPTH
Yates	697	-		
Delaware	2730	4961		
Bonespring	4962	8724		
Wolfcamp	8725	10108		
Strawn	10109	10417		
Atoka	10418	10979		
Morrow	10980	-		

WELL NAME AND NUMBER CARDENAS FEDER - No. 1

LOCATION SECTION 29, T-20-S, R-28-E, EDDY COUNTY, NEW MEXICO
(New Mexico give U, S, T & R; Texas give S, Blk., Sur. & Twp. when required)

OPERATOR GULF OIL CORP.

RECEIVED

DRILLING CONTRACTOR SHARP DRILLING Co., Inc.

MAR 28 1978

The undersigned hereby certifies that he is an authorized representative of the drilling contractor who drilled the above-described well and that he has conducted deviation tests and obtained the following results:

Degrees @ Depth	Degrees @ Depth	Degrees @ Depth	Degrees @ Depth
<u>1/4 244</u>	<u>1/4 5150</u>		
<u>3/4 500</u>	<u>1 5550</u>		
<u>3/4 600</u>	<u>1 5715</u>		
<u>1/2 1060</u>	<u>1 6148</u>		
<u>3/4 1408</u>	<u>1-1/4 6587</u>		
<u>1 1880</u>	<u>1-1/4 7057</u>		
<u>1-1/2 2280</u>	<u>1/2 7526</u>		
<u>3/4 2900</u>	<u>1 8057</u>		
<u>1 3399</u>	<u>1-1/2 8130</u>		
<u>2-1/2 3850</u>	<u>1-1/2 9095</u>		
<u>2-1/2 4140</u>	<u>1-1/4 10080</u>		
<u>2-3/4 4431</u>	<u>3/4 10775</u>		
<u>2 4588</u>	<u>1 11230</u>		
<u>2 4870</u>	<u>1/2 11446</u>		

Drilling Contractor SHARP DRILLING Co., Inc.

By R. E. Cross Jr.
R. E. CROSS JR.

Subscribed and sworn to before me this 8TH day of MARCH 19 78

Bob Buchanan
Notary Public

My Commission Expires:

JUNE 30, 1978

MIDLAND County, TEXAS