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Form C-103
Revised 1-1-65

NEW MEXICO OIL CONSERVATION COMMISSION WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5a. Indicate Type of Lease
State ☐ Fee ☒
5. State Oil & Gas Lease No.

1a. TYPE OF WELL
OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER _____
b. TYPE OF COMPLETION
NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER _____

2. Name of Operator
Gulf Oil Corporation
3. Address of Operator
P. O. Box 670, Hobbs, N.M. 88240
4. Location of Well

7. Unit Agreement Name
8. Farm or Lease Name
H. T. Mattern (NCT-F)
9. Well No.
2
10. Field and Pool, or Wildcat
Arrowhead
UNIT LETTER A LOCATED 660 FEET FROM THE north LINE AND 660 FEET FROM
THE east LINE OF SEC. 1 TWP. 22S RGE. 36E NMPM
12. County
Lea

15. Date Spudded
1-25-72
16. Date T.D. Reached
2-3-72
17. Date Compl. (Ready to Prod.)
2-7-72
18. Elevations (DF, RKB, RT, GR, etc.)
3476' GL
19. Elev. Casinghead

20. Total Depth
3900'
21. Plug Back T.D.
3860'
22. If Multiple Compl., How Many
Single
23. Intervals Drilled By
Rotary Tools
0-3900'
Cable Tools

24. Producing Interval(s), of this completion -- Top, Bottom, Name
3652' to 3799'
25. Was Directional Survey Made
No

26. Type Electric and Other Logs Run
GR - Acoustic
27. Was Well Cored
No

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8"	24#	358'	11"	200 sx circulated	
5-1/2"	15.5#	3900'	7-7/8"	425 sx (TOC @ 2153')	

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

30. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2-3/8"	3830'	

31. Perforation Record (Interval, size and number)
3652-54', 3704-06' and 3797-99' w/2, 1/2" JHPF

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
3652-3799'	500 gals 15% NEA
	24,000 gals gelled wtr containing
	0 to 3# SPG

33. PRODUCTION

Date First Production
2-7-72
Production Method (Flowing, gas lift, pumping - Size and type pump)
Pump
Well Status (Prod. or Shut-in)
Producing

Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
2-14-72	24	2"		62		8 (load water)	

Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.)
			62	-	8 (load water)	

34. Disposition of Gas (Sold, used for fuel, vented, etc.)
Test Witnessed By
J. R. Tate

35. List of Attachments

36. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.

SIGNED E. D. Kallier TITLE Area Engineer DATE 2-14-72

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Commission not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 30 through 34 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

Northwestern New Mexico

T. Anhy	1100'	T. Canyon	T. Ojo Alamo	T. Penn. "B"
T. Salt		T. Strawn	T. Kirtland-Fruitland	T. Penn. "C"
13. Salt	2480'	T. Atoka	T. Pictured Cliffs	T. Penn. "D"
T. Yates	2647'	T. Miss	T. Cliff House	T. Leadville
T. 7 Rivers		T. Devonian	T. Menefee	T. Madison
T. Queen	3345'	T. Silurian	T. Point Lookout	T. Elbert
T. Grayburg	3636'	T. Montoya	T. Mancos	T. McCracken
T. San Andres		T. Simpson	T. Gallup	T. Ignacio Qtzite
T. Glorieta		T. McKee	Base Greenhorn	T. Granite
T. Paddock		T. Ellenburger	T. Dakota	T. _____
T. Blinebry		T. Gr. Wash	T. Morrison	T. _____
T. Tubb		T. Granite	T. Todilto	T. _____
T. Drinkard		T. Delaware Sand	T. Entrada	T. _____
T. Abo		T. Bone Springs	T. Wingate	T. _____
T. Wolfcamp		T. _____	T. Chinde	T. _____
T. Penn.		T. _____	T. Permian	T. _____
T. Cisco (Bough C)		T. _____	T. Penn. "A"	T. _____

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	1100'		Red Beds				
	2430'		Anhydrite & salt				
	3636'		Anhydrite & sand				
	3900'		Dolomite				