

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other in-
structions on
reverse side)Form approved.
Budget Bureau No. 42-R355.5.

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. ☐

2. NAME OF OPERATOR

Gulf Oil Corporation

3. ADDRESS OF OPERATOR

Box 670, Hobbs, New Mexico 88240

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)

At surface 1980' FS & EL, Section 20, 18-S, 31-E

At top prod. interval reported below

At total depth

14. PERMIT NO.

APR 19 1977

15. DATE SPUDDED

12-23-76

16. DATE T.D. REACHED

3-11-77

17. DATE COMPL. (Ready to prod.)

3-28-77

18. WELL STATUS (DF, RKB, RT, GR, ETC.)*

D.C.C. OFFICE
ARTESIA, 3629' GL

19. ELEV. CASINGHEAD

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20. TOTAL DEPTH, MD & TVD

13,165'

21. PLUG BACK T.D., MD & TVD

11,896'

22. IF MULTIPLE COMPL.,
HOW MANY*

Single

23. INTERVALS
DRILLED BY

ROTARY TOOLS

CABLE TOOLS

0-13,165'

24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)*

11,567' to 11,735'

26. TYPE ELECTRIC AND OTHER LOGS RUN

GR-Comp Neutron, Density, Dual laterolog, GR-Sonic & Dipmeter

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#	620'	17-1/2"	525 sacks (Circulated)	
9-5/8"	40#	4,507'	12-1/4"	1950 sacks (Circulated)	
7"	23 & 26#	12,145'	8-3/4"	900 sacks (TOC at 7960')	
* DV tool at 1197'					

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-3/8"	11,530'	11,530'

31. PERFORATION RECORD (Interval, size and number)

Perf 7" csg at 11,732-35', 11,664-81',
11,623-30', 11608-20', 11582-94' and
11,567-69'

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
11,567 - 11,735'	300 gal of 7-1/2% acid.

33.* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
3-28-77		Flowing				Shut In.	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
3-29-77	24	1/2"	→	28	3100	2	110,714
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
600#	--	→	28	3100	2	53.5	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Shut in - Waiting on Pipeline Connection

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

D. F. Berlin

TITLE Area Engineer

DATE April 13, 1977

*(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:

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

DESCRIPTION, CONTENTS, ETC.

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
	0'	2,080'	Red Bed, Salt & Anhy	Top Anhy		520'
		5,976'	Dolo, SS & Shale	Top Salt		681'
		9,632'	Shale, SS & LS	Base Salt		1,930'
		10,639'	Dolo, LS & Shale	Top Yates		2,080'
		12,570'	LS, Shale & SS	Queen		3,200'
		12,644'	Shale	Bone Springs		5,976'
		13,163'	Dolo, LS & Chert	Wolfcamp		9,632'
T #1 5575-5675'. Open tool W/good blow, dec to fair blow in 15 min. Tool open 30 min.				Strawn		10,639'
I 1 hr. Open tool for 60 mn W/good blow, dec to fair blow. Rec 280' DM W/tr oil &				Atoka		10,944'
20' salt water. IHP 2786, 30 min IFP 338 - 851, 60 min ISIP 2235, 60 min 2nd flow				Morrow LS		11,354'
1 to 1488, 120 min FSIP 2235, FHP 2786. BHT 96°.				Barnett		11,760'
T #2 7750-7854'. Pen tool W/fair blow thru 30 min IF. CI 1 hr. Open tool W/fair				Mississippian		12,058'
low, incr to good blow after 15 min. Rec 233' GCW W/tr oil. IHP 3836, 30 min IFP				Woodford Shale		12,570'
6 - 196. 1 hr CI 2982. 1 hr 2nd blow 231 to 392. 2 hr CIP 3000#, FHP 3836. BHT 1120.				Devonian		12,644'
T #3 9150' to 8250'. Open tool W/wk blow, incr to strong blow in 4 min & cont for 30						
n IF. Rec 3' oil and 381' salt wtr. IHP 4636, 30 min 1st flow 117 - 120, 60 min CI						
20, 60 min 2nd flow 164-304, 120 min CI 2303, FHP 4636.						
T #4 9520-9570'. Open tool W/wk blow, cont for 30 min preflow. Rec 80' IHP 4755, 30						
0 min 2nd flow 92-92.						
T #5 11,075' to 11,175. Open tool W/strong blow. Fld 1 hr at est 8041 MCFFD, Rec 110'						
P 5646, 30 min IFP 1449-2779, 60 min ISIP 4722, 60 min 2nd flow 2298-30-32, 135 min FSIP						
T #6 11,525' to 11,583'. Open tool W/strong blow. GTS in 18 min. IHP 5875, IFP 231-369,						