

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other instructions 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. SERV. ☐ ~~Other~~ **Gas - Dual**

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

660' FNL & 1980' FWL, Section 10, 21-S, 27-E

At top prod. interval reported below

At total depth

5. LEASE DESIGNATION AND SERIAL NO.

NM-14768

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Cerf Federal Com

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Under Burton Flat Morrow

Under Burton Flat Strawn

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

Sec 10, 21-S, 27-E

12. COUNTY OR PARISH

Eddy

13. STATE

New Mexico

15. DATE SPUDDED 4-1-73 16. DATE T.D. REACHED 5-14-73 17. DATE COMPL. (Ready to prod.) Morrow = 8-22-73 Strawn = 8-23-73 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 3217' GL 19. ELEV. CASINGHEAD --

20. TOTAL DEPTH, MD & TVD 11,515' 21. PLUG, BACK T.D., MD & TVD -- 22. IF MULTIPLE COMPL., HOW MANY* Dual 23. INTERVALS DRILLED BY -- 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Morrow = 11,013 to 11,361' Strawn = 10,217 to 10,269' 25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN Gamma Ray-Density, Compensated Neutron, Dual Laterolog 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#	599'	17-1/2"	650 sacks (Circulated)	
9-5/8"	36#	2992'	12-1/4"	1200 sacks (Circulated)	
7"	23 & 26#	11,514'	8-3/4"	1050 sacks (ToC at 6694')	

29. LINER RECORD 30. TUBING RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
				Morrow =	2-7/8"	10,948'	10,948'
				Strawn =	2-3/8"	10,090'	10,090'

31. PERFORATION RECORD (Interval, size and number)

Perf Morrow W/4, .33 JHPF at 11,013-17', 11041-11,045', 11,148-58', 11,216-20', 11,276-80', 11,332-36', 11,339-344' & 11,352-61'.

Perf Strawn W/4, .33 JHPF at 10,217-221' & 10,265-10,269'

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
11,013-11,361'	12,000 gal 15% NEA & frac W/ 20,000 gal 5 & 7.5% acid W/sand
10,217-10,269'	2500 gal 15% NE acid.

33.* PRODUCTION

DATE FIRST PRODUCTION 8-22-73 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flow (Both zones) WELL STATUS (Producing or shut-in) Shut in (Both Zones)

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
Morrow = 8-22-73	24	22-64"	→	46	1420	0	30.869
Strawn = 8-22-73	24	21-64"	→	0	590	0	---
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
Morrow = 650#	---	→	46	1420	0	---	---
Strawn = 660#	---	→	0	590	0	---	---

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

TEST WITNESSED BY

R. W. Sands

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

H. J. Brueyale

TITLE Area Engineer

DATE September 6, 1973

*(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 33.

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.)

FORMATION		TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	GEOLOGIC MARKERS	
SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORDED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES		MEAS. DEPTH	TRUE VERT. DEPTH	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
		0	798'	Sand & Anhy	Yates	545'
			2800'	Dolomite	Capitan Reef	798'
			5132'	Sand & Shale	Basin Facies	2800'
			6330'	Lime & Shale	Bone Spring	5132'
			8735'	Lime & Sand	1st Bone Sp Sd	6330'
			10,987'	Lime & shale	2nd "	7022'
			11,460'	Sand & Lime & Shale	3rd "	8436'
			11,515'	Shale	Wolfcamp	8735'
					Lower Strawn	10,070'
					Atoka	10,420'
					Morrow	10,987'
					Barnett	11,460'