

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 _____		5. LEASE DESIGNATION AND SERIAL NO. NM-14768	
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. DRIVE ☐ Other Gas Gas Dual		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR Gulf Oil Corporation		7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR Box 670, Hobbs, New Mexico 88240		8. FARM OR LEASE NAME Cerf Federal Com!	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) At surface 660' FNL & 1980' FNL, Sec 10, 21-S, 27-E At top prod. interval reported below At total depth		9. WELL NO. 1	
10. FIELD AND POOL, OR WILDCAT Undes Burton Flat Morrow Undes Burton Flat Strawn		11. FIELD AND POOL, OR WILDCAT Sec 10, 21-S, 27-E	
12. COUNTY OR PARISH Eddy		13. STATE New Mexico	
14. PERMIT NO. 3217' GL		15. ELEVATIONS (DF, RKB, RT, OR, ETC.)* 3217' GL	
16. DATE T.D. REACHED 5-14-73		17. DATE COMPL. (Ready to prod.) Morrow = 8-22-73 Strawn = 8-23-73	
18. TOTAL DEPTH, MD & TVD 11,515'		19. ELEV. CASINGHEAD --	
20. PLUG, BACK T.D., MD & TVD --		21. IF MULTIPLE COMPL., HOW MANY? Dual	
22. INTERVALS DRILLED BY 0 - 11,515'		23. ROTARY TOOLS --	
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
13-3/8"	48#	599'	17-1/2"
9-5/8"	36#	2992'	12-1/4"
7"	23 & 26#	11,514'	8-3/4"
CEMENTING RECORD		AMOUNT PULLED	
650 sacks (Circulated)			
1200 sacks (Circulated)			
1050 sacks (TOC at 6694')			
29. LINER RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*
			Morrow = 2-7/8"
			Strawn = 2-3/8"
30. TUBING RECORD			
SIZE	DEPTH SET (MD)	PACKER SET (MD)	
	10,948'	10,948'	
	10,090'	10,090'	
31. PERFORATION RECORD (Interval, size and number)			
Perf Morrow W/4, .33 JHPF at 11,013-17', 11,041-45', 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' & 10,265-69'.			
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/	
10,217-10,269'		20,000 gal 5 & 7.5% Acid W/sand	
		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 Morrow = 8-22-73	HOURS TESTED 24	CHOKE SIZE 21-64"	PROD'N. FOR TEST PERIOD 0
DATE OF TEST Strawn = 8-23-73	HOURS TESTED 24	CHOKE SIZE 22-64"	PROD'N. FOR TEST PERIOD 46
CALCULATED 24-HOUR RATE Morrow = 660	CASING PRESSURE --	OIL—BBL. 0	GAS—MCF. 590
CALCULATED 24-HOUR RATE Strawn = 690	CASING PRESSURE --	OIL—BBL. 46	GAS—MCF. 1420
DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)		WATER—BBL. 0	
		OIL GRAVITY-API (CORR.) 54.7	
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 K. J. Bragyle		TITLE Area Engineer	
DATE September 12, 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 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

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
	0	798'	Sand & Anhy	Yates	545'	
		2,800'	Dolomite	Capitan Reef	798'	
		5,132'	Sand & Shale	Basin Facies	2,800'	
		6,330'	Lime & Shale	Bone Spring	5,132'	
		8,735'	Lime & Sand	1st Bone Sp Sd	6,330'	
		10,987'	Lime & Shale	2nd " "	7,022'	
		11,460'	Sand, Lime & Shale	3rd " "	8,436'	
		11,515'	Shale	Wolfcamp	8,735'	
				Lower Strawn	10,070'	
				Atoka	10,420'	
				Morrow	10,987'	
				Barnett	11,460'	

38. GEOLOGIC MARKERS