

N. M. O. C. C. COPY

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.

Copy to SF

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other ☐		5. LEASE DESIGNATION AND SERIAL NO. W-014103	
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other ☐		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. TERM OR LEASE NAME Castlefield "AB" Federal	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) At surface 1980' FSL & 660' FSL, Section 22, 18-S, 31-E At top prod. interval reported below At total depth		9. WELL NO. 12	
14. PERMIT NO.		DATE ISSUED	
15. DATE SPUDDED 5-4-70		16. DATE T.D. REACHED 5-9-70	
17. DATE COMPL. (Ready to prod.) 5-14-70		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 3657' OL	
19. ELEV. CASINGHEAD --		10. FIELD AND POOL, OR WILDCAT Shugart (Y, SR, Q, Grb.)	
20. TOTAL DEPTH, MD & TVD 3460'		21. PLUG, BACK T.D., MD & TVD 3413'	
22. IF MULTIPLE COMPL., HOW MANY* Single		23. INTERVALS DRILLED BY 0 - 3460'	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD) 3370' - 3392'		25. WAS DIRECTIONAL SURVEY MADE No	
26. TYPE ELECTRIC AND OTHER LOGS RUN GR-N		27. WAS WELL CORED No	

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O. B. B.
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CASING RECORD (Report all strings set in well)				CEMENTING RECORD		AMOUNT PULLED
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE			
8-5/8"	24#	715'	11"	325 sacks (Circulated)		
4-1/2"	9.50#	3459'	7-7/8"	325 sacks (TOC at 1880').		

LINER RECORD					TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-3/8"	3402'	--

31. PERFORATION RECORD (Interval, size and number)	32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.
Perforated 4-1/2" casing with 2, 1/2" JHPF at 3386-92' and 3370-76'.	
	DEPTH INTERVAL (MD)
	3370 - 3392'
	AMOUNT AND KIND OF MATERIAL USED
	250 gallons of 15% HNA
	277 barrels of gel water and
	119 barrels of gel water with
	1/4 to 3/8 SFG.

33.* PRODUCTION							
DATE FIRST PRODUCTION 5-16-70		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pump				WELL STATUS (Producing or shut-in) Producing	
DATE OF TEST 5-21-70	HOURS TESTED 24	CHOKE SIZE 2"	PROD'N. FOR TEST PERIOD →	OIL—BBL. 121	GAS—MCF. --	WATER—BBL. 10	GAS-OIL RATIO --
FLOW. TUBING PRESS. --	CASING PRESSURE --	CALCULATED 24-HOUR RATE →	OIL—BBL. 121	GAS—MCF. --	WATER—BBL. 10	OIL GRAVITY-API (CORR.) --	
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 **ORIGINAL SIGNED BY G. D. BORLAND** TITLE **Area Production Manager** DATE **May 21, 1970**

*(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	TOP	TRUE VERT. DEPTH
	0 652 795 1985 2167	652 795 1985 2167 3160	Red Bed & Sand Anhy Salt Anhy, Salt & Dolo. Dolo, SS & Anhy.	Anhy Yates 7 Rivers Queen	652 2167 2605 3340		

38. GEOLOGIC MARKERS