

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

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. ☐ Other _____									
2. NAME OF OPERATOR Gulf Oil Corporation									
3. ADDRESS OF OPERATOR Box 670, Hobbs, New Mexico									
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 2310' FNL, 660 FNL, Section 22, 18-S, 31-E At top prod. interval reported below At total depth									
14. PERMIT NO. _____ DATE ISSUED AUG 8 1966									
5. LEASE DESIGNATION AND SERIAL NO. ms-014103									
6. IF INDIAN, ALLOTTEE OR TRIBE NAME _____									
7. UNIT AGREEMENT NAME Littlefield AB Federal									
8. FARM OR LEASE NAME Littlefield AB Federal									
9. WELL NO. 4									
10. FIELD AND POOL, OR WILDCAT Unders. Shugart - Delaware									
11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec 22, 18-S, 31-E									
12. COUNTY OR PARISH Hddy									
13. STATE New Mexico									
15. DATE SPUDDED June 22, 1966									
16. DATE T.D. REACHED 7-4-66									
17. DATE COMPL. (Ready to prod.) 7-14-66									
18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 3648' OL									
19. ELEV. CASINGHEAD --									
20. TOTAL DEPTH, MD & TVD 5125'									
21. PLUG, BACK T.D., MD & TVD 5081' PB									
22. IF MULTIPLE COMPL., HOW MANY* Single									
23. INTERVALS DRILLED BY →									
ROTARY TOOLS 0 - 5125'									
CABLE TOOLS --									
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 4939-41' & 4947-49'									
25. WAS DIRECTIONAL SURVEY MADE No									
26. TYPE ELECTRIC AND OTHER LOGS RUN GR & Collar log, GR Sonic, lateral log & Calipers									
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	
8-5/8"		24#		645'		12-1/4"		350 sacks (Circulated)	
5-1/2"		14, 15.5 & 17#		5110'		7-7/8"		660 Sacks (TOC at 1970')	
29. LINER RECORD									
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*		SCREEN (MD)	
				None					
30. TUBING RECORD									
SIZE		DEPTH SET (MD)		C. FACTOR SET (MD)					
2-3/8"		4949'		--					
31. PERFORATION RECORD (Interval, size and number) 4, 1/2" JHFF at 4939-41' & 4947-49'.									
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.									
DEPTH INTERVAL (MD)					AMOUNT AND KIND OF MATERIAL USED				
4939-4949'					Free W/4000 gals galled wtr W/2 - 3/4 SPO.				
33.* PRODUCTION									
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)						WELL STATUS (Producing or shut-in)	
7-11-66		Pumping - 2" X 1-1/4" X 12'						Producing	
DATE OF TEST		HOURS TESTED		CHOKE SIZE		PROD'N. FOR TEST PERIOD		OIL—BBL.	
7-29-66		24		2"		→		25	
FLOW. TUBING PRESS.		CASING PRESSURE		CALCULATED 24-HOUR RATE		OIL—BBL.		GAS—MCF.	
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34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold									
TEST WITNESSED BY R. W. Sands									
35. LIST OF ATTACHMENTS None									
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records									
ORIGINAL SIGNED BY									
SIGNED C. D. BORLAND		TITLE Area Production Manager				DATE August 3, 1966			

*(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				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
	0	150'	Red Beds	Andy	616'	
		264'	Red rock	Zabias	2188'	
		647'	Andy & salt	7-41 vers	2554'	
		2110'	Andy	Queen	3270'	
		2627'	Andy & Andy	First cont.		
		3110'	Lime	Dalaware sd.	4890'	
		5125'	Lime			