

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. 14-20-0603-9535	
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other _____		6. IF INDIAN, ALLOTTEE OR TRIBE NAME Navajo Allotted	
2. NAME OF OPERATOR Heard Oil Company		7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR 2000 Closson Center, 2nd South, Oklahoma City, Okla. 73106		8. FARM OR LEASE NAME Dosh & pi-kenio	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 330' FWL, 330' FWL, Sec. 17, T17N, R8W At top prod. interval reported below SAME At total depth SAME		9. WELL NO.	
14. PERMIT NO.		12. COUNTY OR PARISH McKinley	
DATE ISSUED 1/20/71		13. STATE N. M.	
15. DATE SPUNDED 2/3/71	16. DATE T.D. REACHED 2/9/71	17. DATE COMPL. (Ready to prod.) 2/15/71	18. ELEVATIONS (DF, REB, RT, OR, ETC.)* 7057
19. ELEV. CASINGHEAD 7046	20. TOTAL DEPTH, MD & TVD 2901		
21. PLUG, BACK T.D., MD & TVD 2382		22. IF MULTIPLE COMPL. INTERVALS, LISTED BY ROTARY TOOLS 10-2901	
23. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD) Nakota "D" Top 2826 Bottom 2867		24. WAS DIRECTIONAL SURVEY MADE 0	
25. TYPE ELECTRIC AND OTHER LOGS RUN Schlumberger Dual Induction, GR-Density, Caliper, Sonic		26. WAS WELL CORRED No	
27. CASING RECORD (Report all strings and joints) DIST. 8			
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE
8 5/8	24	85' KB	12 1/4
4 1/2	9.5	29008 KB	7 7/8
CEMENTING RECORD		AMOUNT PULLED	
40 sx Regular		None	
425 sx Class C		None	
10 Salt			
29. LINER RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*
30. TUBING RECORD			
SIZE	DEPTH SET (MD)	PACKER SET (MD)	
2 3/4	2822	None	
31. PERFORATION RECORD (Interval, size and number) 2832-37 KB (10 holes @ 2 hpf) 5 FEET			
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.		AMOUNT AND KIND OF MATERIAL USED	
DEPTH INTERVAL (MD)			
2832-37		XXXX 500 Gallons 15% HCL	
33.* PRODUCTION			
DATE FIRST PRODUCTION 2/12/71		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing	
WELL STATUS (Producing or shut-in) Producing			
DATE OF TEST 2/15/71	HOURS TESTED 24	CHROME SIZE 20/64	PROD'N. FOR TEST PERIOD 303
FLOW. TUBING PRESS. 140	CASING PRESSURE 210	CALCULATED 24-HOUR RATE 303	OIL—BBL. 175
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)		GAS—MCF. 10	
TEST WITNESSED BY J. Webb		OIL GRAVITY-API (CORR.) 577	
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			
SIGNED David Allen		TITLE Petroleum Engineer	
DATE 2/15/71			

*(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, FEET	TRUE VERT. DEPTH, FEET
HOSMAN	1752	1838	SAND			
GALLUP	1838	1942	SAND			
GREENHORN	2632	2669	SANDSTONE			
GRAND	2668	2684	SAND			
DARTON "A"	2684	2732	SAND			
" " "B"	2737	2760	SANDSTONE			
" " "C"	2769	2790	SAND			
" " "D"	2826	2864	SAND (CONTINUOUS ON LOGS FROM PREVIOUS TEST)			
TOTAL DEPTH	2901					
NEW DEPTHS KB MEAS.						
NEW DST'S or Cores used						