

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 _____		
b. TYPE OF COMPLETION:		NEW WELL ☒	WORK OVER ☐	DEEP-EN ☐	PLUG BACK ☐	DIFF. RESVR. ☐	Other _____
2. NAME OF OPERATOR Warren Drilling Company						5. LEASE DESIGNATION AND SERIAL NO. 424	
3. ADDRESS OF OPERATOR 1215 United Founders Tower Oklahoma City Oklahoma 73100						6. IF INDIAN, ALLOTTEE OR TRIBE NAME Jicarilla Apache	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 660' FNL & 660' FWL Sec. 8-T22N-R5W At top prod. interval reported below 660' FNL & 660' FWL Sec. 8-T22N-R5W At total depth 660' FNL & 660' FWL Sec. 8-T22N-R5W						7. UNIT AGREEMENT NAME	
14. PERMIT NO.						8. FARM OR LEASE NAME Littleton	
DATE ISSUED						9. WELL NO. 1	
15. DATE SPUDDED 6-4-71						10. FIELD AND POOL, OR WILDCAT Undesignated	
16. DATE T.D. REACHED 6-19-71						11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 8-T22N-R5W NMPM	
17. DATE COMPL. (Ready to prod.) 8-17-71						12. COUNTY OR PARISH Sandoval	
18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 6992' K. B.						13. STATE N. M.	
19. ELEV. CASINGHEAD 6981'						20. TOTAL DEPTH, MD & TVD 6623	
21. PLUG, BACK T.D., MD & TVD 5092'						22. IF MULTIPLE COMPL., HOW MANY*	
23. INTERVALS DRILLED BY						ROTARY TOOLS X	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Lower Menefee (Mesa Verde) 4052'-4093'						CABLE TOOLS	
25. WAS DIRECTIONAL SURVEY MADE No						26. TYPE ELECTRIC AND OTHER LOGS RUN DIL, FDC-GR, BHC-GR, F" Log	
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 CONC.	AMOUNT PULLED	
8 5/8"	24.0	262	12 1/4	150 CON. 3	150	None	
4 1/2"	9.5	5102	7 7/8	180	180	None	
29. LINER RECORD						30. TUBING RECORD	
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
None					2 3/8	4070	None
31. PERFORATION RECORD (Interval, size and number) 4052'-4062', 4070'-4074', 4078'-4082' and 4088'-4093' with 2 jets per foot.						32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
						DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
						4052-4063	2250 gal 7 1/2% MCA
						4052-4093	35,000 gal water with 55,000 lbs. sand
33.* PRODUCTION							
DATE FIRST PRODUCTION 8-17-71		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping				WELL STATUS (Producing or shut-in) Producing	
DATE OF TEST 8-17-71	HOURS TESTED 24	CHOKED SIZE 2"	PROD'N. FOR TEST PERIOD →	OIL—BBL. 75	GAS—MCF. 50	WATER—BBL. 300	GAS-OIL RATIO 666
FLOW. TUBING PRESS. ---	CASING PRESSURE 40	CALCULATED 24-HOUR RATE →	OIL—BBL. 75	GAS—MCF. 50	WATER—BBL. 300	OIL GRAVITY-API (CORR.) 4650	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented						TEST WITNESSED BY	
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 Paul Walsh				President Walsh Engr. & Prod. Corp.			
				DATE 8-18-71			

*(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	TOP TRUE VERT. DEPTH
				Ojo Alamo	1420	1420
				Kirtland	1447	1447
				Pictured Cliffs	1924	1924
				Lewis	2057	2057
				Cliff House	3406	3406
				Menefee	3485	3485
				Point Lookout	4160	4160
				Mances	4350	4350
				Gallup	4740	4740
				Lower Gallup	5316	5316
				Mances	5832	5832
				Greenhorns	6095	6095
				Graneros	6231	6231
				Dakota	6357	6357
				Morrison	6610	6610