

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.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG\*

1a. TYPE OF WELL:						OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> Other _____		5. LEASE DESIGNATION AND SERIAL NO. Contract No. 413	
b. TYPE OF COMPLETION:						NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> Other _____		6. IF INDIAN, ALLOTTEE OR TRIBE NAME Jicarilla Apache	
2. NAME OF OPERATOR Dave M. Thomas, Jr.						3. ADDRESS OF OPERATOR P.O. Box 2026, Farmington, New Mexico 87401		7. UNIT AGREEMENT NAME	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1850' FSL, 1190' FWL At top prod. interval reported below same At total depth same						14. PERMIT NO.		DATE ISSUED	
15. DATE STUDDED 4-12-77						16. DATE T.D. REACHED 4-17-77		17. DATE COMPL. (Ready to prod.) 5-11-77	
18. ELEVATIONS (DF, FKB, RT, GR, ETC.)* 7559' KB						19. ELEV. CASINGHEAD 7448'		10. FIELD AND POOL, OR WILDCAT Ballard Pictured Cliffs	
20. TOTAL DEPTH, MD & TVD 3300'						21. PLUG, BACK T.D., MD & TVD 3267'		22. IF MULTIPLE COMPL., HOW MANY*	
23. INTERVALS DRILLED BY →						ROTARY TOOLS XXX		CABLE TOOLS	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 3186'-3224', Pictured Cliffs						25. WAS DIRECTIONAL SURVEY MADE NO		12. COUNTY OR PARISH Sandoval	
26. TYPE ELECTRIC AND OTHER LOGS RUN IES, FDC						27. WAS WELL CORED NO		13. STATE New Mexico	
28. CASING RECORD (Report all strings set in well)									
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)		HOLE SIZE		CEMENTING RECORD	
8-5/8"		24.0		135'		12 1/4"		125 SXS.	
4 1/2"		10.50		3287'		7-7/8"		175 SXS.	
29. LINER RECORD									
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*		SCREEN (MD)	
None									
30. TUBING RECORD									
SIZE		DEPTH SET (MD)		PACKER SET (MD)					
1 1/4"		3101'		None					
31. PERFORATION RECORD (Interval, size and number)									
3186'-3202'				2 shots per foot					
3206'-3209'									
3221'-3224'									
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.									
DEPTH INTERVAL (MD)				AMOUNT AND KIND OF MATERIAL USED					
3186'-3224'				54,300 gals water					
				55,000 lbs sand					
33.* PRODUCTION									
DATE FIRST PRODUCTION waiting on pipeline		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing				WELL STATUS (Producing or shut-in) shut-in			
DATE OF TEST 6-3-77		HOURS TESTED 3 hrs.		CHOKE SIZE 3/4"		PROD'N. FOR TEST PERIOD →		OIL—BBL. GAS—MCF	
FLOW. TUBING PRESS. 230 psig		CASING PRESSURE 445 psig		CALCULATED 24-HOUR RATE →		OIL—BBL. -0-		GAS—MCF 3/4"-2,992	
						WATER—BBL. -0-		OIL GRAVITY-API (CORR.) -0-	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Shut-in pressure, Tubing-740 psig; Casing-755 psig									
35. LIST OF ATTACHMENTS For: Dave M. Thomas, Jr.									
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records									
SIGNED <u>Rwell N. Walsh</u>				TITLE <u>President, Walsh Engr. &amp; Production Corporation</u>		DATE <u>June 10, 1977</u>			

\*(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 LOGGING ZONES:				38. GEOLOGIC MARKERS		
SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; COHED 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
				Ojo Alamo	2723'	2723'
				Kirtland	2880'	2880'
				Fruitland	3000'	3000'
				Pictured Cliffs	3138'	3138'