

DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

(See other in-  
structions on  
reverse side)

**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  
DAVE M. THOMAS, JR.

3. ADDRESS OF OPERATOR  
P.O. Box 2026, Farmington, New Mexico 87401

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*  
At surface 1190' FSL, 1850' FEL  
At top prod. interval reported below same  
At total depth same

14. PERMIT NO. DATE ISSUED

5. LEASE DESIGNATION AND SERIAL NO.

Contract No. 413

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Jicarilla Apache

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Ghacon Jicarilla

9. WELL NO.

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10. FIELD AND POOL, OR WILDCAT

Ballard Pictured Cliffs

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

Sec. 23-T23N-R3W  
N.M.P.M.

12. COUNTY OR PARISH

Sandoval

13. STATE

New Mexico

15. DATE SPUDDED 4-17-77 16. DATE T.D. REACHED 4-22-77 17. DATE COMPL. (Ready to prod.) 5-20-77 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\* 7468' KB 19. ELEV. CASINGHEAD 7457'

20. TOTAL DEPTH, MD & TVD 3310' 21. PLUG, BACK T.D., MD & TVD 3249' 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)\* 3193'-3214', Pictured Cliffs 25. WAS DIRECTIONAL SURVEY MADE NO

26. TYPE ELECTRIC AND OTHER LOGS RUN IES, FDC 27. WAS WELL CORED NO

28. CASING RECORD (Report all strings set in well)

| CASINO SIZE | WEIGHT, LB./FT. | DEPTH SET (MD) | HOLE SIZE | CEMENTING RECORD | AMOUNT PULLED |
|-------------|-----------------|----------------|-----------|------------------|---------------|
| 8-5/8       | 24.0            | 131'           | 12 1/2    | 125 SXS          | None          |
| 4 1/2       | 10.50           | 3393'          | 7-7/8     | 175 SXS          | None          |

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" | 3199'          | None            |

31. PERFORATION RECORD (Interval, size and number)

3193'-3200'  
3202'-3206' 2 shots per foot  
3210'-3214'

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

| DEPTH INTERVAL (MD) | AMOUNT AND KIND OF MATERIAL USED |
|---------------------|----------------------------------|
| 3193'-3214'         | 40,400 gals water                |
|                     | 50,000 lbs sand                  |

33. PRODUCTION

|                       |                 |                                                                      |                         |                                    |              |
|-----------------------|-----------------|----------------------------------------------------------------------|-------------------------|------------------------------------|--------------|
| DATE FIRST PRODUCTION |                 | PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) |                         | WELL STATUS (Producing or shut-in) |              |
| w/o pipeline          |                 | Flowing                                                              |                         | shut-in                            |              |
| DATE OF TEST          | HOURS TESTED    | CHOKE SIZE                                                           | PROD'N. FOR TEST PERIOD | OIL—BBL.                           | GAS—MCF.     |
| 6-4-77                | 3 hrs           | 3/4"                                                                 | →                       | -0-                                | 3 3/4'-1,484 |
| FLOW. TUBING PRESS.   | CASING PRESSURE | CALCULATED 24-HOUR RATE                                              | OIL—BBL.                | GAS—MCF.                           | WATER—BBL.   |
| 108 psig              | 425 psig        | →                                                                    | -0-                     | CAOP-2,040                         | -0-          |

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Shut-in pressure, tbg-755 psig; csg-770 psig TEST WITNESSED BY

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

*[Signature]*  
\_\_\_\_\_  
TITLE \_\_\_\_\_

President, Walsh Engr.  
& Production Corp.

DATE June 14, 1977

\*(See Instructions and Spaces for Additional Data on Reverse Side)

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[illegible][illegible]

Part 4. If there are no applicable State requirements, locations on Federal of Indian land should be described in accordance with Part 1. If there are applicable State requirements, locations on this form and in any attachments.

the following information for each separate report (page) on this form, adequately identified, and, where appropriate, showing the additional data pertinent to such interval.

282-283 additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 23: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing operations. (See instruction for items 22 and 24 above.)

16-733: Submit a separate completion report on this form for each interval to be separately produced. (See instructions.)

| 35. GEOLOGIC MARKERS                                                                                                                                                                                                                                 | TOP         |                  | NAME            | BOTTOM      |                  | FACIES |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|------------------|-----------------|-------------|------------------|--------|
|                                                                                                                                                                                                                                                      | MEAS. DEPTH | TRUE VERT. DEPTH |                 | MEAS. DEPTH | TRUE VERT. DEPTH |        |
| 35. SUMMARY OF POROUS ZONES:<br>NOTE ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF: CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING<br>TEST INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES | 2728'       | 2728'            | Ojo Alamo       |             |                  |        |
|                                                                                                                                                                                                                                                      | 3012        | 3012             | Kirtland        |             |                  |        |
|                                                                                                                                                                                                                                                      | 3032        | 3032             | Fruitland       |             |                  |        |
|                                                                                                                                                                                                                                                      | 3147        | 3147             | Pictured Cliffs |             |                  |        |