

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

PRINT IN DUPLICATE

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

| | | | | | | | | | | | | | | | | | | | | | |
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| 1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DEEP <input type="checkbox"/> OTHER <input type="checkbox"/> | | 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 1850' FNL, 1850' FBL At top prod. interval reported below Same At total depth Same | | 5. FARM OR LEASE NAME Chacon Jicarilla | | 6. WELL NO. 11 | | 7. FIELD AND POOL, OR WELDCAT Ballard Pictured Cliffs | | 8. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 16-T23N-R3W N.M.P.M. | | 9. COUNTY OR PARISH Rio Arriba | | 10. STATE N.M. | | | |
| 14. PERMIT NO. | | DATE ISSUED | | 15. DATE SPUDDED 6-30-78 | | 16. DATE T.D. REACHED 7-2-78 | | 17. DATE COMPL. (Ready to prod.) 7-14-78 | | 18. ELEVATIONS (DF, RNB, RT, GR, ETC.)* 7374'D.F., 7375' KB | | 19. ELEV. CASINGHEAD 7363' GL | | 20. TOTAL DEPTH, MD & TVD 3263 | | 21. PLUG, BACK T.D., MD & TVD 3239 | | 22. IF MULTIPLE COMPL., HOW MANY* | | 23. INTERVALS DRILLED BY ROTARY TOOLS X CABLE TOOLS | |
| 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 3192-3222 Pictured Cliffs | | | | | | | | | | | | 25. WAS DIRECTIONAL SURVEY MADE No | | | | | | | | | |
| 26. TYPE ELECTRIC AND OTHER LOGS RUN IES & CNL-FDC | | | | | | | | | | | | 27. WAS WELL CORED No | | | | | | | | | |
| 28. CASING RECORD (Report all strings set in well) | | | | | | | | | | | | 29. LINER RECORD | | | | 30. TUBING RECORD | | | | | |
| CASING SIZE | | WEIGHT, LB./FT. | | DEPTH SET (MD) | | HOLE SIZE | | CEMENTING RECORD | | AMOUNT PULLED | | SIZE | | DEPTH SET (MD) | | PACKER SET (MD) | | | | | |
| 8-5/8" | | 24.0 | | 99' | | 12-1/4 | | 125 sacks | | None | | 1-1/4 | | 3163' | | None | | | | | |
| 4-1/2" | | 10.50 | | 3249' | | 7-7/8 | | 190 sacks | | None | | | | | | | | | | | |
| 31. PERFORATION RECORD (Interval, size and number) 3192'-3200') 3206'-3218') one shot per foot 3320'-3222') | | | | | | | | | | | | 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. DEPTH INTERVAL (MD) 3192-3222 AMOUNT AND KIND OF MATERIAL USED 55,000 gallons 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 | | | | | | | | | | | | 34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented SIPT-745 psig C-750 psig | | | | | | | | | |
| DATE OF TEST 8-9-78 | | HOURS TESTED 3 hrs | | CHOKE SIZE 3/4" | | PROD'N. FOR TEST PERIOD OIL—BBL. GAS—MCF. WATER—BBL. GAS-OIL RATIO | | CALCULATED 24-HOUR RATE OIL—BBL. GAS—MCF. WATER—BBL. OIL GRAVITY-API (CORR.) | | TEST WITNESSED BY | | | | | | | | | | | |
| FLOW. TUBING PRESS. 30 psig | | CASING PRESSURE 340 psig | | CAOF - 636 | | | | | | | | | | | | | | | | | |
| 35. LIST OF ATTACHMENTS For: Odessa Natural Corporation | | | | | | | | | | | | 36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records. President, Walsh & Production Corp. DATE 8-14-78 | | | | | | | | | |

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

U. S. GEOLOGICAL SURVEY
DURANGO, COLO.

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.), formations 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; CORRELATE 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 | | | |
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| FORMATION | TOP | BOTTOM | DESCRIPTION, CONTENTS, ETC. | NAME | MEAS. DEPTH | TRUE VERT. DEPTH |
| | | | | Ojo Alamo | 2730 | 2730 |
| | | | | Kirtland | 2903 | 2903 |
| | | | | Fruitland | 3043 | 3043 |
| | | | | Pictured Cliffs | 3140 | 3140 |
| | | | | Lewis | 3234 | 3234 |

RECEIVED
AUG 22 1978
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DURANGO, COLO.