

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE\*

FORM APPROVED

OMB NO. 1004-0137

Expires: February 28, 1995

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

|  |  |  |  |
|--|--|--|--|
| 1a TYPE OF WELL<br>OIL <input type="checkbox"/> GAS <input type="checkbox"/> WELL <input type="checkbox"/> WEL <input checked="" type="checkbox"/> DRY <input type="checkbox"/>  |  | 5. LEASE DESIGNATION AND SERIAL NO.<br><b>Jic 460</b>  |  |
| b. TYPE OF COMPLETION<br>NEW <input checked="" type="checkbox"/> WORK <input type="checkbox"/> DEEP- <input type="checkbox"/> PLUG <input type="checkbox"/> DIFF <input type="checkbox"/><br>WELL <input checked="" type="checkbox"/> OVER <input type="checkbox"/> EN <input type="checkbox"/> BACK <input type="checkbox"/> RESVR <input type="checkbox"/> |  | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME<br><b>Jicarilla Apache Tribe</b>  |  |
| 2. NAME OF OPERATOR<br><b>Mallon Oil Company</b>   |  | 7. UNIT AGREEMENT NAME<br><b>N/A</b>   |  |
| 3. ADDRESS AND TELEPHONE NO.<br><b>P. O. Box 2797 Durango, CO 81302 (970) 382-9100</b>   |  | 8. FARM OR LEASE NAME, WELL NO.<br><b>Jicarilla 460-15 No. 4</b>   |  |
| 4. LOCATION OF WELL<br>(Report location clearly and in accordance with any State requirements *)<br>At surface <b>180' FSL and 330' FEL (SE SE) Unit P</b><br>At top prod. interval reported below <b>180' FSL and 330' FEL (SE SE) Unit P</b><br>At total depth   |  | 9. API WELL NO.<br><b>30-039-25904</b>   |  |
| 14. PERMIT NO.<br><b>N/A</b>   |  | 12. COUNTY OR PARISH<br><b>Rio Arriba</b>  |  |
| 16. DATE TD REACHED<br><b>7/28/98</b>  |  | 13. STATE<br><b>NM</b>   |  |
| 17. DATE COMP. (Ready to Prod.)<br><b>8-15-98</b>  |  | 10. FIELD AND POOL, OR WILDCAT<br><b>East Blanco, Pictured Cliffs</b>  |  |
| 18. ELEVATION (DF, RKB, RT, GR, E)<br><b>7183'</b>   |  | 11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA<br><b>Sec. 15, T30N-R03W</b>   |  |
| 19. ELEV. CASINGHEAD<br><b>7184'</b>   |  | 20. TOTAL DEPTH, MD & TVD<br><b>3900'</b>  |  |
| 21. PLUGBACK TD, MD & TVD<br><b>3828'</b>  |  | 22. IF MULTIPLE COMP., HOW MANY*<br><b>1</b>   |  |
| 23. INTERVALS DRILLED BY<br><b>ROTARY TOOLS</b>  |  | 24. PRODUCING INTERVAL (S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)*<br><b>3629'-3646', 3649'-3654' East Blanco; Pictured Cliffs</b> |  |
| 25. WAS DIRECTIONAL SURVEY MADE<br><b>Yes</b>  |  | 26. TYPE ELECTRIC AND OTHER LOGS RUN<br><b>DIND, SGRD</b>  |  |
| 27. WAS WELL CORED<br><b>N/A</b>   |  | 28. CASING RECORD (Report all strings set in well)   |  |

| CASING SIZE/GRADE | WEIGHT LB/FT | DEPTH SET (MD) | HOLE SIZE | TOP OF CEMENT, CEMENTING RECORD         | AMOUNT PULLED |
|-------------------|--------------|----------------|-----------|---|---------------|
| 8-5/8"            | 25 lb        | 550'           | 12-1/4"   | Cmt 100 sxs Class H cmt, circ           |               |
|                   |              |                |           | 35 sxs to surface                       |               |
| 5-1/2"            | 15.5 lb      | 3882'          | 7-7/8"    | Cmt 185 sxs cmt, circ 10 sxs to surface |               |

| LINER RECORD |          |             |             | TUBING RECORD |                |                 |
|--------------|----------|-------------|-------------|---------------|----------------|-----------------|
| SIZE         | TOP (MD) | BOTTOM (MD) | SCREEN (MD) | SIZE          | DEPTH SET (MD) | PACKER SET (MD) |
| N/A          |          |             |             | N/A           |                |                 |

|   |   |
|---|---|
| 31. PERFORATION RECORD<br>(Interval, size, and number)<br><b>Perf. Squeeze holes, 770', 1350', 1900', 2810'</b><br><b>3629'-3646', 3649'-3654', 4JSPF (88 holes)</b><br><b>5-1/2 RBP at 3200'</b> | 32. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.<br>DEPTH INTERVAL (MD)<br><b>770'-2810'</b><br><b>3629'-3654'</b><br>AMOUNT AND KIND OF MATERIAL USED<br><b>93 sxs 50/50 poz, 2% gel, 4/10% FL 52 and 2% CaCl cement.</b><br><b>Acidize 1500 gals 7-1/2% HCL</b><br><b>Frac 28,500 lbs sand</b> |
|---|---|

|                                     |                             |  |                                    |                         |                          |   |                             |
|-------------------------------------|-----------------------------|--|------------------------------------|-------------------------|--------------------------|---|-----------------------------|
| 33. PRODUCTION                      |                             |  |                                    |                         |                          |   |                             |
| DATE FIRST PRODUCTION<br><b>N/A</b> |                             | PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) |                                    |                         |                          | WELL STAT (Producing or Shut In)<br><b>SI</b> |                             |
| DATE OF TEST<br><b>8/15/98</b>      | HOURS TESTED<br><b>24</b>   | CHOKE SIZE<br><b>3/8"</b>  | PROD'N FOR TEST PERIOD<br><b>0</b> | OIL - BBL<br><b>0</b>   | GAS - MCF<br><b>390</b>  | WATER - BBL<br><b>48</b>                      | GAS-OIL RATIO<br><b>N/A</b> |
| FLOW TBG PRESS<br><b>110</b>        | CASING PRESSURE<br><b>0</b> | CALCULATED 24-HOUR RATE<br><b>0</b>                                    | OIL - BBL<br><b>0</b>              | GAS - MCF<br><b>390</b> | WATER - BBL<br><b>48</b> | OIL GRAVITY - API (CORR.)<br><b>N/A</b>       |                             |

|   |   |
|---|---|
| 34. DISPOSITION OF GAS<br>(Sold, used for fuel, vented, etc.)<br><b>N/A</b> | TEST WITNESSED BY<br><b>Raymond Key</b> |
|---|---|

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 Robert Blaylock District Manager DATE 6/27/02

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

Title 18 U.S.C. 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction

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):

## GEOLOGIC MARKERS

| FORMATION | TOP | BOTTOM | DESCRIPTION, CONTENTS, ETC. | NAME            | TOP         |                 |
|-----------|-----|--------|-----------------------------|-----------------|-------------|-----------------|
|           |     |        |                             |                 | MEAS. DEPTH | TRUE VERT DEPTH |
|           |     |        |                             | Pictured Cliffs | 4500'       |                 |