

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

~~CONFIDENTIAL~~  
SUBMIT IN DUPLICATE\*  
(See other instructions  
on reverse side)

FORM APPROVED  
OMB NO 1004-0137  
Expires: February 28 1995

WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

|   |  |   |  |
|---|--|---|--|
| 1a TYPE OF WELL<br>OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> OTHER <input type="checkbox"/>   |  | 5 LEASE DESIGNATION AND SERIAL NO<br>Jic 459            |  |
| b TYPE OF COMPLETION<br>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"/>   |  | 6 IF INDIAN, ALLOTTEE OR TRIBE NAME<br>Jicarilla Apache |  |
| 2 NAME OF OPERATOR<br>Mallon Oil Company  |  | 7 UNIT AGREEMENT NAME<br>N/A                            |  |
| 3 ADDRESS AND TELEPHONE NO<br>P.O. Box 3256, Carlsbad, NM 88220 (505) 885-4596  |  | 8 FARM OR LEASE NAME, WELL NO<br>Jicarilla 459-17 No. 9 |  |
| 4 LOCATION OF WELL (Report location clearly and in accordance with any State requirements *)<br>At surface 1850' FNL, 2510' FEL (SW NE) Unit G<br>At top prod interval reported below 1850' FNL, 2510' FEL (SW NE) Unit G<br>At total depth 1850' FNL, 2510' FEL (SW NE) Unit G |  | 9 API WELL NO<br>30-039-25763                           |  |
| 14 Permit No.<br>N/A  |  | 12. COUNTY OR PARISH<br>Rio Arriba                      |  |
| DATE ISSUED<br>N/A  |  | 13. STATE<br>NM   |  |
| 15 DATE SPURRED<br>2/14/1998  |  | 19. ELEV CASINGHEAD<br>7166'                            |  |
| 16. DATE TO REACHED<br>2/21/1998  |  | 18. ELEVATION (DF, RKB, RT, GR, ET)<br>7165' GL         |  |
| 17. DATE CO (Ready to Prod.)<br>4/8/1998  |  | 23. INTERVALS DRILLED BY<br>ROTARY TOOLS<br>CABLE TOOLS |  |
| 20. TOTAL DEPTH, MD & TVD<br>3970'  |  | 21. PLUGBACK TD, MD & TVD<br>3923'                      |  |
| 22. IF MULTIPLE COMP. HOW MANY*<br>N/A  |  | 25. WAS DIRECTIONAL SURVEY MADE<br>Yes                  |  |
| 24. PRODUCING INTERVAL (S) OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD*)<br>3190' - 3232' Ojo Alamo  |  | 27. WAS WELL CORED<br>N/A                               |  |
| 26. TYPE ELECTRIC AND OTHER LOGS RUN  |  |   |  |

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"            | 24 lb        | 490' 533       | 12-1/4"   | 325 sxs Class B                 | N/A           |
| 5-1/2"            | 17 lb        | 3965'          | 7-7/8"    | 470 sxs 35"65 POZ               | N/A           |
|                   |              |                |           | Circ 100 sxs to surface         |               |

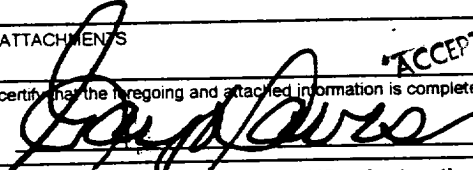
| LINER RECORD |          |             |              | TUBING RECORD |      |                |
|--------------|----------|-------------|--------------|---------------|------|----------------|
| SIZE         | TOP (MD) | BOTTOM (MD) | SACKS CEMENT | SCREEN (MD)   | SIZE | DEPTH SET (MD) |
| N/A          |          |             |              |               | 1.90 | 3054'          |
|              |          |             |              |               |      | 3055'          |

|   |  |   |  |  |  |
|---|--|---|--|--|--|
| 31. PERFORATION RECORD<br>(Interval, size and number)<br>3190' - 3232' 4 JSPF 168 Holes |  | 32. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.<br>DEPTH INTERVAL (MD)<br>3190' - 3232' |  | AMOUNT AND KIND OF MATERIAL USED<br>3000 Gals 7-1/2 % Acid<br>Frac 56,330 lbs 12/20 Sand |  |
|---|--|---|--|--|--|

|                                       |                      |   |                             |   |                    |
|---------------------------------------|----------------------|---|-----------------------------|---|--------------------|
| 33. DATE FIRST PRODUCTION<br>4/8/1998 |                      | PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump)<br>Flowing |                             | WELL STAT (Producing or Shut in)<br>Producing |                    |
| DATE OF TEST<br>3/6/1998              | HOURS TESTED<br>24   | CHOKE SIZE<br>3/8"  | PROD'N FOR TEST PERIOD<br>→ | OIL - BBL<br>0                                | GAS - MCF<br>1300  |
|                                       |                      |   |                             | WATER - BBL<br>80                             | GAS-OIL RATIO<br>0 |
| FLOW TBG PRESS<br>410                 | CASING PRESSURE<br>0 | CALCULATED 24-HOUR RATE<br>→  | OIL - BBL<br>0              | GAS - MCF<br>1300                             | WATER - BBL<br>80  |
|                                       |                      |   |                             | OIL GRAVITY - API (CORR.)<br>0                |                    |

|                                |                                     |                            |
|--------------------------------|-------------------------------------|----------------------------|
| 34. DISPOSITION OF GAS<br>Sold | (Sold, used for fuel, vented, etc.) | TEST WITNESSED BY<br>Kisor |
|--------------------------------|-------------------------------------|----------------------------|

|                                |   |
|--------------------------------|---|
| 35. LIST OF ATTACHMENTS<br>N/A | 36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records |
|--------------------------------|---|

|   |                             |                 |
|---|-----------------------------|-----------------|
| SIGNED<br> | Title<br>Production Analyst | DATE<br>4/24/98 |
|---|-----------------------------|-----------------|

\*(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

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37. SUMMARY OF POROUS ZONES (Show all important zones of porosity and contents thereof, noted intervals; and all drill-stem tests, including depth interval noted, cushion used, time tool open, flowing and shut-in pressures, and recovery):

| FORMATION | TOP | BOTTOM | DESCRIPTION, CONTENTS, ETC. | GEOLOGIC MARKERS |             |                  |
|-----------|-----|--------|-----------------------------|------------------|-------------|------------------|
|           |     |        |                             | NAME             | MEAS. DEPTH | TRUE VERT. DEPTH |
|           |     |        |                             | Ojo Alamo        | 3183'       |                  |
|           |     |        |                             | Kirtland         | 3419'       |                  |
|           |     |        |                             | Fruitland        | 3651'       |                  |
|           |     |        |                             | Pictured Cliffs  | 3749'       |                  |
|           |     |        |                             | Lewis            | 3803'       |                  |