

**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT**

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  
OIL ☐ GAS ☐  
WELL ☐ WELL ☒ DRY ☐ OTHER \_\_\_\_\_

b. TYPE OF COMPLETION  
NEW ☐ WORK ☐ DEEP- ☐ PLUG ☐ DIFF ☐  
WELL ☒ OVER ☐ EN ☐ BACK ☐ RESVR ☐

2. NAME OF OPERATOR  
Mallon Oil Company

3. ADDRESS AND TELEPHONE NO.  
P. O. Box 2797, Durango, CO 81302 (970) 382-9100

4. LOCATION OF WELL  
Report location clearly and in accordance with any State requirements \*)  
At surface 628' FNL and 580' FWL (NW/NW) Unit D  
At top prod. interval 673' FNL and 580' FWL (NW/NW) Unit D  
At total depth

|                               |                                   |                                           |                                                            |
|-------------------------------|-----------------------------------|-------------------------------------------|------------------------------------------------------------|
| 14. PERMIT NO.<br>N/A         | DATE ISSUED<br>N/A                | 12. COUNTY OR PARISH<br>Rio Arriba        | 13. STATE<br>NM                                            |
| 15. DATE SPUDDED<br>9/23/00   | 16. DATE TD REACHED<br>9/30/00    | 17. DATE COMP (Ready to Prod.)<br>11/9/00 | 18. ELEVATION (DF, RKB, RT, GR, ET)<br>7280' GL - 7292' KB |
| 19. ELEV. CASINGHEAD<br>7281' | 20. TOTAL DEPTH MD & TVD<br>3970' | 21. PLUGBACK TD, MD & TVD<br>3924'        | 22. IF MULTIPLE COMP., HOW MANY*<br>1                      |
| 23. INTERVALS DRILLED BY<br>→ | ROTARY TOOLS<br>Yes               | CABLE TOOLS<br>N/A                        |                                                            |

24. PRODUCING INTERVAL (S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD\*)  
2622'-2633', 1120'-1129', 1175'-1189', 1256'-1274', 1296'-1318', 1326'-1352'

25. WAS DIRECTIONAL SURVEY MADE  
Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN  
GR-HRI, GR-SDL-DSN

27. WAS WELL CORED  
N/A

| 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"                                             | 23.0 lb      | 254'           | 12-1/4"   | Cmt with 145 sxs Class H cmt    |               |
|                                                    |              |                |           | circ 38 sxs to pit              |               |
| 5-1/2"                                             | 15.5 lb      | 3970'          | 7-7/8"    | Cmt with 900 sxs 50/50 cmt      |               |
|                                                    |              |                |           | circ 46 bbls to surface         |               |

| 29. LINER RECORD |          |             |              | 30. TUBING RECORD |        |                |
|------------------|----------|-------------|--------------|-------------------|--------|----------------|
| SIZE             | TOP (MD) | BOTTOM (MD) | SACKS CEMENT | SCREEN (MD)       | SIZE   | DEPTH SET (MD) |
| N/A              |          |             |              |                   | 2-3/8" | 2498'          |

31. PERFORATION RECORD (Interval, size, and number)  
2622'- 2633', 4 JSPF ( 44 holes)  
1120'-1129', 1175'-1189', 1256'-1274', 1296'-1318', 1326'-1352', 2 JSPF (178 holes)

32. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.  
DEPTH INTERVAL (MD)  
1120' - 2633'  
AMOUNT AND KIND OF MATERIAL USED  
Acidize with 2803 gals 7-1/2% acid. Frac with 50,000 lbs 12/20 Brady Sand and 55,000 lbs 12/20 Brown Sand

33.\* PRODUCTION

|                                   |                                                                                   |                                               |
|-----------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------|
| DATE FIRST PRODUCTION<br>11/21/00 | 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>11/18/00          | HOURS TESTED<br>24                                                                | CHOKE SIZE<br>1/2"                            |
| PROD'N FOR TEST PERIOD<br>→       | OIL - BBL<br>0                                                                    | GAS - MCF<br>645                              |
| WATER - BBL<br>48                 | GAS-OIL RATIO<br>0                                                                |                                               |
| FLOW TBG PRESS<br>100             | CASING PRESSURE<br>0                                                              | CALCULATED 24-HOUR RATE<br>→                  |
| OIL - BBL<br>0                    | GAS - MCF<br>645                                                                  | WATER - BBL<br>48                             |
| OIL GRAVITY - API (CORR.)<br>N/A  |                                                                                   |                                               |

34. DISPOSITION OF GAS  
Sold (Sold, used for fuel, vented, etc.)

TEST WITNESSED BY  
Raymond Key

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 Gay Davis (Gay Davis) Office Manager DATE 11/30/00

\*(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

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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

Jicarilla 30-03-36 No. 1

| FORMATION | TOP | BOTTOM | DESCRIPTION, CONTENTS, ETC. | NAME            | TOP         |                 |
|-----------|-----|--------|-----------------------------|-----------------|-------------|-----------------|
|           |     |        |                             |                 | MEAS. DEPTH | TRUE VERT DEPTH |
|           |     |        |                             | San Jose        | 1603'       |                 |
|           |     |        |                             | Nacimiento      | 2130'       |                 |
|           |     |        |                             | Ojo Alamo       | 3152'       |                 |
|           |     |        |                             | Kirtland        | 3426'       |                 |
|           |     |        |                             | Fruitland       | 3363'       |                 |
|           |     |        |                             | Pictured Cliffs | 3643'       |                 |
|           |     |        |                             | Lewis           | 3762'       |                 |