

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT~~CONFIDENTIAL~~MULTI-PPLICATE\*  
(See other instructions  
on reverse side)

FORM APPROVED

OMB NO. 1004-0137

Expires: February 28, 1995

5. LEASE DESIGNATION AND SERIAL NO.

Jic 464

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

1a. TYPE OF WELL

OIL

GAS

WELL ☐WELL ☐DRY ☐OTHER ☐

b. TYPE OF COMPLETION

NEW

WORK

WELL ☒

OVER

DEEP-

EN ☐

PLUG

BACK ☐

DIFF

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 400' FSL, 800' FWL (SE / SW) Unit N

At top prod. interval reported below 400' FSL, 800' FWL (SE / SW) Unit N

At total depth

14. PERMIT NO.

N/A

DATE ISSUED

N/A

12. COUNTY OR PARISH

Rio Arriba

13. STATE

NM

15. DATE SPUDDED

5/3/98

16. DATE TD REACHED

5/10/98

17. DATE COM (Ready to Prod.)

7-24-98

18. ELEVATION (DF, RKB, RT, GR, E)

7195' GR

19. ELEV. CASINGHEAD

7196

20. TOTAL DEPTH, MD &amp; TVD

4180'

21. PLUGBACK TD, MD &amp; TVD

4032'

22. IF MULTIPLE COMPS

HOW MANY\*

23. INTERVALS

DRILLED BY

ROTARY TOOLS

CABLE TOOLS

Yes

N/A

24. PRODUCING INTERVAL (S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD\*)

3800'-3802', 3818'-3821', 3823'-3834', 3848'-3850' Fruitland Coal

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

HRI, SDL/DSN

27. WAS WELL CORED

No

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" J-55       | 24 lb        | 538'           | 12-1/4"   | 300 sxs Class B, circ 84 sxs to pit                      |               |
| 5-1/2" J-55       | 15.5 lb      | 4189'          | 7-7/8"    | 200 sxs 35/65 Poz, 380 sxs 50/50 Poz, circ 47 sxs to pit |               |

29. LINER RECORD

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

31. PERFORATION RECORD

(Interval, size, and number)

3800'-3850', 4 JSPF (92 holes)

CIBP at 3615;

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

DEPTH INTERVAL (MD)

3800'-3850'

AMOUNT AND KIND OF MATERIAL USED

500 gals 15% HCL

40,000 lbs 20/40

33.\* PRODUCTION

DATE FIRST PRODUCTION

PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump)

WELL STAT (Producing or Shut In)

Shut-In

DATE OF TEST

No. Test

HOURS TESTED

CHOKE SIZE

PROD'N FOR

TEST PERIOD

OIL - BBL

GAS - MCF

WATER - BBL

GAS-OIL RATIO

FLOW TBG PRESS

CASING PRESSURE

CALCULATED

24-HOUR RATE

OIL - BBL

GAS - MCF

WATER - BBL

OIL GRAVITY - API (CORR.)

34. DISPOSITION OF GAS

(Sold, used for fuel, vented, etc.)

TEST WITNESSED BY

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 Christy Serrano (Christy Serrano)

Production Secretary

DATE

3-25-99

\*(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

~~CONFIDENTIAL~~

IES: (Show all important zones of porosity and contents thereof, cored intervals, and all interval tested, cushion used, time tool open, flowing and shut-in pressures, and

GEOLOGIC MARKERS

| TOP | BOTTOM | DESCRIPTION, CONTENTS, ETC. | NAME            | TOP         |                 |
|-----|--------|-----------------------------|-----------------|-------------|-----------------|
|     |        |                             |                 | MEAS. DEPTH | TRUE VERT DEPTH |
|     |        | Need<br>Tbq.                | San Jose        | 1659        |                 |
|     |        |                             | Nacimiento      | 2186        |                 |
|     |        |                             | Ojo Alamo       | 3340        |                 |
|     |        |                             | Kirtland        | 3561        |                 |
|     |        |                             | Fruitland       | 3773        |                 |
|     |        |                             | Pictured Cliffs | 3855        |                 |
|     |        |                             | Lewis           | 3951        |                 |