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Form 3160-4
(July 1992)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

(Leave blank for instructions
on how to use this form)

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1. 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 3256, Carlsbad, NM 88220 (505) 885-4596

4. LOCATION OF WELL
(Report location clearly and in accordance with any State requirements *)
At surface 1850' FNL 750' FWL (SW/NW), Unit E
At top prod. interval reported below 1850' FNL 750' FWL (SW/NW), Unit E
At total depth 1850' FNL 750' FWL (SW/NW), Unit E

5. LEASE DESIGNATION AND SERIAL NO.
JIC 459

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
Jicarilla Apache Tribe

7. UNIT AGREEMENT NAME
N/A

8. FARM OR LEASE NAME, WELL NO.
Jicarilla 459-17 No. 10

9. API WELL NO.
30-039-25854

10. FIELD AND POOL, OR WILDCAT
Cabresto Canyon; Ojo Alamo Ext.

11. SEC. T., R., M., OR BLOCK AND SURVEY
OR AREA
Sec. 17, T30N-R03W

12. COUNTY OR PARISH
Rio Arriba

13. STATE
New Mexico

14. PERMIT NO.
N/A

DATE ISSUED
N/A

15. DATE SPUDDED
5-11-98

16. DATE TD REACHED
5-18-98

17. DATE COMP
(Ready to Prod.)
6/25/98

18. ELEVATION (DF, RKB, RT, GR, ETC*)
7179'

19. ELEV. CASINGHEAD
7180'

20. TOTAL DEPTH, MD & TVD
4010'

21. PLUGBACK TD, MD & TVD
3508'

22. IF MULTIPLE COMP.,
HOW MANY*
N/A

23. INTERVALS
DRILLED BY

ROTARY TOOLS
Yes

CABLE TOOLS
N/A

24. PRODUCING INTERVAL (S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD*)
3244'-3266' Cabresto Canyon; Ojo Alamo Ext.

25. WAS DIRECTIONAL SURVEY MADE
Yes

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

27. WAS WELL CORED
N/A

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 | 539.55 | 12-1/4" | Cmt 480 sxs Class B, circ 71 sxs to surface | |
| 4-1/2" | 10.5 | 4004.39 | 7-7/8" | Cmt 565 sxs, circ 125 sxs to surface | |
| | | | | 660 | |

| LINER RECORD | | | | TUBING RECORD | | | |
|--------------|----------|-------------|----------------|---------------|------|----------------|-----------------|
| SIZE | TOP (MD) | BOTTOM (MD) | SACKS CEMENT * | SCREEN (MD) | SIZE | DEPTH SET (MD) | PACKER SET (MD) |
| | | | | | 1.9 | 3091' | 3092' |

| PERFORATION RECORD (Interval, size, and number) | | | | DEPTH INTERVAL (MD) | | AMOUNT AND KIND OF MATERIAL USED | |
|---|--|--|--|---------------------|--|--|--|
| 3244'-3266' 4 JSPF 8 Holes Cabresto Canyon; Ojo Alamo Ext. | | | | 3244'-3266' | | Pump 1500 gal 7% acid Frac 74,000 lbs. Sand | |

PRODUCTION

33.*

DATE FIRST PRODUCTION
6/25/98

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

WELL STATUS
(Producing or Shut In)
Producing

DATE OF TEST
5-24-98

HOURS TESTED
24

CHOKE SIZE
3/8"

PROD'N FOR
TEST PERIOD

OIL - BBL
0

GAS - MCF
626

WATER - BBL
40

GAS-OIL RATIO
N/A

FLOW TBG PRESS
185

CASING PRESSURE
0

CALCULATED
24-HOUR RATE

OIL - BBL
0

GAS - MCF
626

WATER - BBL
40

OIL GRAVITY - API (CORR.)
N/A

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

TEST WITNESSED BY
Angel

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 Senano TITLE Production Secretary DATE 7-01-98
Christy Serrano

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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Notes: Show all important zones of porosity and contents thereof, cored intervals, and all
th 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 |
| | | | Ojo Alamo | 3210' | |
| | | | Kirtland | 3450' | |
| | | | Fruitland | 3650' | |
| | | | Pictured Cliffs | 3746' | |
| | | | Lewis | 3835' | |