

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE\*

FORM APPROVED

OMB NO. 1004-0187

Expires: February 28, 1995

5. LEASE DESIGNATION AND SERIAL NO.

Jic 460

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Jicarilla Apache Tribe

7. UNIT AGREEMENT NAME

N/A

8. FARM OR LEASE NAME, WELL NO.

Jicarilla 460-21 No. 2

9. WELL NO.

33-039-25867

10. FIELD AND POOL, OR WILDCAT

Cabresto Canyon; Ojo Alamo Ext

11. SEC., T., R., M., OR BLOCK AND SURVEY

Sec 21, T30N-R03W

12. COUNTY OR PARISH  
Rio Arriba13. STATE  
NM

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

1a. TYPE OF WELL  
OIL ☐ GAS ☐  
WELL ☐ WEL ☒ 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

4. LOCATION OF WELL

(Report location clearly and in accordance with any State requirements)

At surface 1450' FNL and 824" FEL (SE NE) Unit H

At top prod. interval reported below 1450' FNL and 824" FEL (SE NE) Unit H

At total depth 1450' FNL and 824" FEL (SE NE) Unit H

14. Permit No.  
N/ADate Issued  
N/A12. COUNTY OR PARISH  
Rio Arriba13. STATE  
NM

15. DATE SPUDDED

6/28/98

16. DATE TD REACHED

7/2/98

17. DATE COM (Ready to Prod.)

7-14-98

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

7260'

19. ELEV. CASINGHEAD

7261'

20. TOTAL DEPTH, MD &amp; TVD

4040'

21. PLUGBACK TD, MD &amp; TVD

3902'

22. IF MULTIPLE COMPS, HOW MANY\*

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

Yes

No

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

3253'-3299' Cabresto Canyon; Ojo Alamo Ext

25. WAS DIRECTIONAL SURVEY MADE

Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN

HRI, DSN-SDL

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"	24 lb	551'	12-1/4"	Cmt 300 sxs Class H, circ 56	
				sxs of cmt to surface	
5-1/2"	15.5 lb	4013'	7-7/8"	Cmt 600 sxs cmt, circ 77 sxs	
				to surface	

## 29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
N/A					2-7/8"	3135'	3134'

## 30. TUBING RECORD

31. PERFORATION RECORD (Interval, size, and number)	32. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.
3253'-3299' 4 JSPF (184 holes) CIBP 3127' Cabresto Canyon; Ojo Alamo Ext.	DEPTH INTERVAL (MD) 3253'-3299' AMOUNT AND KIND OF MATERIAL USED Acidize 3000 gals 7-1/2% HCl acid Frac 51,800 lbs 12/20 Sand

## 33.\* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump)				WELL STAT (Producing or Shut In)	
						SI	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N FOR TEST PERIOD	OIL - BBL	GAS - MCF	WATER - BBL	GAS-OIL RATIO
7/14/98	10	N/A	→	0	0	150	N/A
FLOW TBG PRESS	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL - BBL	GAS - MCF	WATER - BBL	OIL GRAVITY - API (CORR.)	
0	0	→	0	0	360	N/A	

34. DISPOSITION OF GAS

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

TEST WITNESSED BY

J. 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 Serrano (Christy Serrano)

Production Secretary

DATE 3-29-99

\*(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

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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
			San Jose	1629	
			Nacimiento	2014	
			Ojo Alamo	3248	
			Kirtland	3490	
			Pictured Cliffs	3661	
			Lewis	3775	

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