

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**CONFIDENTIAL**  
SUBMIT IN DUPLICATE\*  
(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 WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF 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 **790 FSL and 1845 FEL (SW SE) Unit O**  
At top prod. interval reported below **790 FSL and 1845 FEL (SW SE) Unit O**  
At total depth

5. LEASE DESIGNATION AND SERIAL NO.  
**Jic 459**

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

7. UNIT AGREEMENT NAME  
**N/A**

8. FARM OR LEASE NAME, WELL NO.  
**Jicarilla 459-20 N. 12**

9. API WELL NO.  
**30-039-25855**

10. FIELD AND POOL, OR WILDCAT  
**Cabresto Canyon, Pictured Cliffs Ext.**

11. SEC., T., R., M., OR BLOCK AND SURVEY  
**Sec. 20, T30N-R03W**

12. COUNTY OR PARISH  
**Rio Arriba**

13. STATE  
**New Mexico**

14. PERMIT NO.  
**N/A**

DATE ISSUED  
**N/A**

15. DATE SPUDDED  
**5/19/98**

16. DATE TO REACHED  
**5/26/98**

17. DATE COMP (Ready to Prod.)  
**6/30/98**

18. ELEVATION (DF, RKB, RT, GR, ET)  
**7252'**

19. ELEV. CASINGHEAD  
**7253'**

20. TOTAL DEPTH, MD & TVD  
**4090'**

21. PLUGBACK TD, MD & TVD  
**4035'**

22. IF MULTIPLE COMP., HOW MANY\*  
**2**

23. INTERVALS DRILLED BY  
**→**

ROTARY TOOLS  
**Yes**

CABLE TOOLS  
**N/A**

24. PRODUCING INTERVAL (S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD\*)  
**3778'-3787', 3790'-3792', 3796'-3802', 3805'-3811', 3839'-3848' Cabresto Canyon, Pictured Cliffs Ext.**

25. WAS DIRECTIONAL SURVEY MADE  
**Yes**

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

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 lbs	543	12-1/4"	cmt 300 sxs class "B" cmt, circ 116	
				sxs to surface	
5-1/2"	15.5 lbs	4077	7-7/8"	cmt 780 sxs cmt, circ 94 sxs to surface	
				476	

LINER RECORD				TUBING RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT * SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)	
N/A				1.9	3661'	3662'	

31. PERFORATION RECORD (Interval, size, and number)  
**3778'-3787', 3790'-3792', 3796'-3802', 3805'-3811', 3839'-3848'**  
**4 JSPF 128 holes**  
**Cabresto Canyon; Pictured Cliffs Ext.**

32. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.  
DEPTH INTERVAL (MD)  
**3778'-3848'**  
AMOUNT AND KIND OF MATERIAL USED  
**acidize with 2500 gal 7-1/2% HCL  
frac 66,420-lbs 20/40 sand**

33.\* **PRODUCTION**

DATE FIRST PRODUCTION  
**7/2/98**

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

WELL STATUS (Producing or Shut In)  
**Producing**

DATE OF TEST  
**6/4/98**

HOURS TESTED  
**24**

CHOKE SIZE  
**3/8"**

PROD'N FOR TEST PERIOD  
**→**

OIL - BBL  
**0**

GAS - MCF  
**837**

WATER - BBL  
**20**

GAS-OIL RATIO  
**N/A**

FLOW TBG PRESS  
**252**

CASING PRESSURE  
**0**

CALCULATED 24-HOUR RATE  
**→**

OIL - BBL  
**0**

GAS - MCF  
**837**

WATER - BBL  
**20**

OIL GRAVITY - API (CORR.)  
**N/A**

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

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 Production Secretary DATE 7/6/98

\*(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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ROUS ZONES: (Show all important zones of porosity and content thereof; cored intervals; and all including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and

TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
				MEAS. DEPTH	TRUE VERT. DEPTH
			Ojo Alamo	3244'	
			Kirtland	3482'	
			Fruitland	3665'	
			Pictured Cliffs	3780'	
			Lewis	3865'	