

Form 3160-4

(July 1992)

CONFIDENTIAL

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

(See other instructions
on reverse side)

FORM APPROVED

OMB NO. 1004-0137

Expires February 28, 1995

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1. TYPE OF WELL: OIL ☐ GAS ☐ DRY ☐ OTHER ☐

2. TYPE OF COMPLETION: NEW ☐ WORK OVER ☒ DEEP ☐ PLUG BACK ☐ DIFF RESVR ☐ OTHER ☐

3. NAME OF OPERATOR: **Mallon Oil Company**

4. ADDRESS AND TELEPHONE NO: **P.O. Box 3256, Carlsbad, NM 88220 (505) 885-4596**

5. LEASE DESIGNATION AND SERIAL NO: **Jicarilla 458**

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

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

8. FARM OR LEASE NAME, WELL NO: **Jicarilla 458-8 No. 9**

9. API WELL NO: **30-039-25758**

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

11. SEC T R M OR BLOCK AND SURVEY OR AREA: **Sec. 8, T30N-R03W**

12. COUNTY OR PARISH: **Rio Arriba** 13. STATE: **NM**

14. PERMIT NO: **N/A** DATE ISSUED: **N/A**

15. DATE SPUDDED: **2/7/98** 16. DATE TO REACHED: **02/13/98** 17. DATE COMP (Ready to Prod): **3/10/98**

18. ELEVATION (CF, RKB, RT, GR, ETC.): **7046.6 GL** 19. ELEV CASINGHEAD: **7046.6**

20. TOTAL DEPTH, MD & TVD: **3908'** 21. PLUGBACK TO, MD & TVD: **3871'** 22. IF MULTIPLE COMP. HOW MANY: **N/A**

23. INTERVALS DRILLED BY: **ROTARY TOOLS** 24. WAS DIRECTIONAL SURVEY MADE: **YES** 25. WAS WELL CORED: **N/A**

26. TYPE ELECTRIC AND OTHER LOGS RUN: **DIL / SGRD. SDL / DSN**

27. PRODUCING INTERVAL (S) OF THIS COMPLETION - TOP BOTTOM, NAME (MD AND TVD): **3080'-3090', 3100'-3126'**

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	11.6 lb	3908'	12 1/4"		325 sxs class B circ 100 sxs to surface	
4 1/2	25 lb	498'	7 3/8"		625 sxs, Circ 50 sxs to surface	

LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
N/A					2 3/8	2947'	2948'

PERFORATION RECORD (Interval, size, and number)

PERFORATION RECORD	ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.
3080'-9090 4 jsf 40 holes 3100'-3126' 4 jsf 104 holes	3080'-3126' : 2500 gals 7.5% acid

PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump)	WELL STATUS (Producing or Shut in)					
03/10/98	Flowing	Producing					
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROOF FOR TEST PERIOD	OIL - BBL	GAS - MCF	WATER - BBL	GAS-OIL RATIO
02/21/98	24	3/8"		0	1932	120	0
FLOW TBG PRESS	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL - BBL	GAS - MCF	WATER - BBL	OIL GRAVITY - API (CORR.)	
600	0		0	1932	120	0	

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

35. TEST WITNESSED BY: **Kisor**

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

SIGNED: *[Signature]* TITLE: **Production Analyst** DATE: _____

(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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27. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem tests, including depth intervals tested, cushion used, flow and shut-in pressures, and other measurements):

GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
				Djo Alamo	3068'	
				Kirtland	3310	
				Fruitland	3520	
				Pictured Cliffs	3638	
				Levis	3716	