

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

(See other In-
structions on
Reverse Side)

Form approved.
Budget Bureau No. 1004-0137
Expires August 31, 1985

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other **RECEIVED**

b. TYPE OF COMPLETION:

NEW WELL ☒ WORK OVER ☐ DEEP EN ☐ PLUG BACK ☐ DIFF RESER ☐ Other **APR 15 1986**

2. NAME OF OPERATOR

Mallon Oil Company

3. ADDRESS OF OPERATOR

2850 Security Life Building, Denver, CO 80202

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface

1850' FNL & 1670' FWL

At top prod. interval reported below

At total depth same

14. PERMIT NO.

DATE ISSUED

12. COUNTY OR PARISH

13. STATE

Rio Arriba

NM

15. DATE SPUDDED

1-18-86

16. DATE T.D. REACHED

2-2-86

17. DATE COMPL. (Ready to prod.)

3-21-86

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*

7450' GL

19. ELEV. CASINGHEAD

7461 KB

20. TOTAL DEPTH, MD & TVD

8160'

21. PLUG. BACK T.D., MD & TVD

8102'

22. IF MULTIPLE COMPL. HOW MANY*

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

0 - T.D.

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

6780-7588

Gallup

25. WAS DIRECTIONAL SURVEY MADE

no

26. TYPE ELECTRIC AND OTHER LOGS RUN

GR-CNL-CDL, GR-CLL-CBC

27. WAS WELL CORED

no

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9-5/8"	36#/ft	268'	13-3/4"	295 ft ³ Class B w/2% CaCl ₂	
5-1/2"	17#/ft	8158'	8-3/4"	1st: 680 ft ³ 50-50 poz, 2% gel, 10% salt 2nd: 276 ft ³ Class B w/2% D-79 tailed by 238 ft ³ 50-50 poz, w/2% gel, 10% salt	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD (cont on back)

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-7/8"	7619'	None

31. PERFORATION RECORD (Interval, size and number)

6780 6828 6873 6926 6982 7017
6786 6841 6883 6944 6986 7021
6806 6849 6899 6956 6990 7025
6815 6856 6909 6968 7000 7034
6823 6861 6916 6975 7011 (cont. on back)

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
6780-7588	1000 gals 7 1/2% D.I. HCL acid 750 gals 7 1/2% DI weighted HCL w/ 111 1.1 RCN ball sealers, 135,000 gals 25%/ 1000 gals cross-linked gelled water with 1% KCL water, (cont. on back)

33.*

PRODUCTION

1% KCL water, (cont. on back)

DATE FIRST PRODUCTION

3-18-86

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

Flowing

WELL STATUS (Producing or shut-in)

Producing

DATE OF TEST

3-18-86

HOURS TESTED

4 1/2 hrs

CHOKE SIZE

PROD'N. FOR TEST PERIOD

OIL—BBL.

14.4

GAS—MCF.

not meas.

WATER—BBL.

57.4 Load

GAS-OIL RATIO

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FLOW. TUBING PRESS.

40 psi

CASING PRESSURE

500 psi

CALCULATED 24-HOUR RATE

OIL—BBL.

76.5

GAS—MCF.

not meas.

WATER—BBL.

306.5 Load

OIL GRAVITY-API (CORR.)

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

To be sold

TEST WITNESSED BY

K. McCord

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

Kevin H. McCord

TITLE

Agent

DATE

APR 22 1986

*(See Instructions and Spaces for Additional Data on Reverse Side)

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries);				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Ojo Alamo	3252	3403	Water	Ojo Alamo	3252	
Pic. Cliff	3508	3648	Water	Pic. Cliff	3508	
Lewis	3648	5243	Water	Lewis	3648	
Mesa Verde	5243	5918	Water	Mesa Verde	5243	
Mancos	5918	6723	Water	Mancos	5918	
Gallup	6723	7792	Oil, Gas	Gallup	6723	
Greenhorn	7792	7873	Water	Greenhorn	7792	
Dakota	7873	T.D.	Oil, Gas, Water	Dakota	7873	
28. Cement Record						
3rd: 690 ft ³ Class B w/2% D-79 tailed by 170 ft ³ 50-50 pozmix w/2% gel, 10% salt. Squeezed 5469-5530 w/60 ft ³ Class B w/3% CaCl ₂ . Squeezed 5500-5530 w/ 60 ft ³ Class B w/3% CaCl ₂ . Squeezed 5500-5530 w/59 ft ³ Class B with .6% fluid loss additive.						
31.						
7042	7168	7278	7474	32. ½ gal/1000 Clay stabilization agent and 1 gal/1000 surfactant w/ 180,000 lbs 20-40 sand w/ 90 mc radioactive sand		
7048	7176	7282	7496			
7053	7181	7287	7518			
7063	7187	7292	7530			
7086	7193	7308	7537			
7096	7202	7312	7543			
7109	7206	7325	7548			
7124	7215	7344	7568			
7143	7220	7378	7588			
7147	7252	7399				
7152	7265	7404				
7161	7270	7414				