

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

(See other instructions 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 ☐

b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. REVR ☐ Other ☐

2. NAME OF OPERATOR

Mallon Oil Company

3. ADDRESS OF OPERATOR

1099 18th Street, Suite 2750, Denver, CO 80202

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

At surface 1850' FNL & 1850' FWL

At top prod. interval reported below same

At total depth same

14. PERMIT NO.

15. DATE SPUDDED

12-26-86

16. DATE T.D. REACHED

01-01-87

17. DATE COMPL. (Ready to prod.)

03-20-87

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

6853' RKB

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

6000' RKB

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

5934' RKB

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)*

5824-36' Lower Gallup

4684-5372' Upper Gallup

25. WAS DIRECTIONAL SURVEY MADE

no

26. TYPE ELECTRIC AND OTHER LOGS RUN

IEL, CNL-FDC and Fracfinder

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
8 5/8"	24	201'	12 1/4"	148 ft ³ Class B w/ 2% CaCl ₂	2
4 1/2"	11.6	5968'	7 7/8"	1st: 441 ft ³ of 50/50 poz mix w/ 2% gel, 10% salt & 1/2 #/sx flocele, DV @ 4403	
				2nd: 721 ft ³ Class B w/ 2% D-79 (cont. on back)	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8"	5896'	no

31. PERFORATION RECORD (Interval, size and number)

5824-5836 12' 48 holes (.34" diameter)
4684 4775 4847 4928 4973 5016 5099
4735 4799 4875 4943 4989 5029 5106
4752 4811 4885 4950 4998 5031 5124
4765 4836 4913 4958 5011 5033 5141

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5824 - 5836	250 gals of 7 1/2% DI HCL acid
	14,033 gals of 20#/1000 gal X-lin- ked gel, 19,600 # 20/40 sand
4684 - 5372	750 gals of 7 1/2% DI HCL acid (cont. on back)

33.* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
03-27-87		Pumping				producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
04-14-87	21 3/4	.250	→	13.3	35	0	2632
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
		→	14.7	39	0		

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

vented

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

TITLE

Production Assistant

DATE 04-15-87

(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	TOP TRUE VERT. DEPTH
Ojo Alamo	1470	1638	Water	Ojo Alamo	1470	Same
Pictured Cliffs	1873	2041	Water	Pictured Cliffs	1873	"
Lewis Shale	2041	3402	Water	Lewis Shale	2041	"
Cliff House	3402	4062	Water	Cliff House	3402	"
Point Lookout	4062	4248	Water	Point Lookout	4062	"
Mancos Shale	4248	4610	Water	Mancos Shale	4248	"
Gallup	4610	6000	Oil, Gas	Gallup	4610	"
28. Cementing Record, cont. tailed by 410 ft ³ 50/50 poz mix w/ 2% gel, 10% salt.			32. Amt. & Kind used. cont. 97,000 gals of 20 #/1000 gal, X-linked gel 141,000 # of 20/40 sand and 75 MC of RA sand.			
31. Perforation Record cont. 5143 5175 5234 5264 5323 5337 5352 5145 5205 5242 5285 5331 5339 5364 5162 5209 5260 5290 5333 5345 5372 5167 5232 5262 5307 5335 5350 Total 55 perforations (.34" diameter)						