

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 ☐

b. TYPE OF COMPLETION:

NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. SERV. ☐ Other ☐

FEB 17 1987

2. NAME OF OPERATOR

Mallon Oil Company

BUREAU OF LAND MANAGEMENT
FARMINGTON RESOURCE AREA

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 790' FNL and 790' FWL

At top prod. interval reported below

Same

At total depth

same

14. PERMIT NO. BUREAU OF LAND MANAGEMENT
FARMINGTON RESOURCE AREA

FEB 23 1987

5. LEASE DESIGNATION AND SERIAL NO.

Jicarilla Contract 434

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Jicarilla Apache Tribe

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Jicarilla 434 G

9. WELL NO.

#1

10. FIELD AND POOL, OR WILDCAT

Undesignated Gallup

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

Sec. 6, T22N, R4W

12. COUNTY OR PARISH

Sandoval

13. STATE

New Mexico

15. DATE SPUDDED 12/15/86 16. DATE T.D. REACHED 12/23/86 17. DATE COMPL. (Ready to prod.) 02/12/87 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 6807' GL 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 6052' RKB 21. PLUG BACK T.D., MD & TVD 5964' RKB 22. IF MULTIPLE COMPL. HOW MANY* 23. INTERVALS DRILLED BY 0 - T.D. ROTARY TOOLS CABLE TOOLS

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

5839' - 5849' Lower Gallup

4717' - 5371' Upper Gallup

25. WAS DIRECTIONAL SURVEY MADE

no

26. TYPE ELECTRIC AND OTHER LOGS RUN

IGL, SDL/DSN

27. WAS WELL CORRED

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	198'	12 1/4"	148 ft ³ Class B w/ 3% CaCl ₂	
4 1/2"	11.6	6045'	7 7/8"	1st: 375 sx 50/50 poz w/ 2% gel, 10% salt and 1/4 #/sx flocele 480 CF	
				2nd: 350 sx 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"	5899' RKB	no

31. PERFORATION RECORD (Interval, size and number)

5839 - 5849 10' 40 holes (.34" diameter)

4717 4793 4855 4903 4966 4996

4755 4805 4859 4910 4973 5018

4769 4817 4865 4940 4979 5022

4782 4830 4878 4953 4991 5032 (cont.)

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5839-5849	250 gals of 7 1/2% DI HCL acid
	17,665 gals of 20# X-linked gel
	23,000 # 20/40 sand
4717-5371	750 gals of 7 1/2% DI HCL acid (cont. on back)

33.* PRODUCTION

DATE FIRST PRODUCTION 02/12/87 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) flowing WELL STATUS (Producing or shut-in) producing

DATE OF TEST 2/13/87 HOURS TESTED 23 CHOKED SIZE open PROD'N. FOR TEST PERIOD OIL—BBL. 71 GAS—MCF. 538 WATER—BBL. 15 GAS-OIL RATIO 7577

FLOW. TUBING PRESS. 100 CASING PRESSURE 450 CALCULATED 24-HOUR RATE OIL—BBL. 74 GAS—MCF. 538 WATER—BBL. 16 OIL GRAVITY-API (CORR.) 40

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

vented thru test meter

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

Vice President Engineering

DATE 02-13-87

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

GEOLOGIC MARKERS

recoverties):				DESCRIPTION, CONTENTS, ETC.			TOP	
FORMATION	TOP	BOTTOM		NAME	MEAS. DEPTH	TRUE VERT. DEPTH		
Ojo Alamo	1495	1610	Water	Ojo Alamo	1495		Same	
Pictured Cliffs	1934	1955	Water	Pictured Cliffs	1934		"	
Lewis Shale	2028	3442	Water	Lewis Shale	2028		"	
Cliff House	3442	4034	Water	Huerfanito Cliff House	2228 3442		"	
Point Lookout	4034	4274	Water	Point Lookout	4034		"	
Mancos	4274	4965	Water	Mancos	4274		"	
Gallup	4965	5838	Oil, Gas	Gallup	4965		"	
Sonostee	5838	5848	Oil, Gas	Sonostee	5838		"	
28. Cementing Record of Casing cont. tailed by 325 sx of 50/50 poz w/ 2% gel and 10% salt. <i>4160.5</i>				31. Perforation Record cont.				32. Amount & Kind of Material Used (cont.) 155,000 gals of slick water 150,000 # 20/40 sand
				5344				
				5348				
				5353				
				5359				
				5361				
				5371				
				5276				
				5285				
				5298				
				5308				
				5323				
				5330				
				5340				
				5342				