

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

(See other in-
structions on
reverse side)

Expires August 31, 1985

AMENDED

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. REMOV. ☐ Other MAY 04 1987

2. NAME OF OPERATOR

Mallon Oil Company

BUREAU OF LAND MANAGEMENT

3. ADDRESS OF OPERATOR

FARMINGTON RESOURCE AREA

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.

DATE ISSUED

5. LEASE DESIGNATION AND SERIAL NO.

Jicarilla Contract 435

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Jicarilla Apache Indian

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Jicarilla 435 G

9. WELL NO.

#1

10. FIELD AND POOL, OR WILDCAT

Otero Sanostee Gallup Ext.

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

Sec. 9, T22N-R4W

12. COUNTY OR PARISH
Sandoval

13. STATE
New Mexico

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, CR, ETC.)* 6853' RKB 19. SLEV. 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 0 - T.D. 24. ROTARY TOOLS CABLE TOOLS

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	
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, 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 74% DI HCL acid
	14,033 gals of 20#/1000 gal X-lin
	ked gel, 19,600 # 20/40 sand
4684 - 5372	750 gals of 74% DI HCL acid (cont

33. PRODUCTION

36.

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
04-01-87	24	.250	→	78.3	77.4	0	989
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
		→	78.3	77.4	0		

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

vented

TEST WITNESSED BY

Bobby Tunnell

35. LIST OF ATTACHMENTS

ACCEPTED FOR RECORD

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

MAY 05 1987

SIGNED

TITLE Production Assistant

DATE 04-30-87

FARMINGTON RESOURCE AREA

*(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.
Ojo Alamo	1470	1638	Water
Pictured Cliffs	1873	2041	Water
Lewis Shale	2041	3402	Water
Cliff House	3402	4062	Water
Point Lookout	4062	4248	Water
Mancos Shale	4248	4610	Water
Gallup	4610	6000	Oil, Gas
28. Cementing Record cont. tailed by 4 10 ft³ 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)			
NAME		MEAS. DEPTH	TRUE VERT. DEPTH
Ojo Alamo	1470	1470	Same
Pictured Cliffs	1873	1873	"
Lewis Shale	2041	2041	"
Cliff House	3402	3402	"
Point Lookout	4062	4062	"
Mancos Shale	4248	4248	"
Gallup	4610	4610	"