

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

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

WELL COMPLETION OR RECOMPLETION REPORT LOG*

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

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

2. NAME OF OPERATOR
Mallon Oil Company

3. ADDRESS OF OPERATOR
2750 Security Life Building, Denver, CO 80202

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface 860' FSL & 990' FEL
At top prod. interval reported below same
At total depth same

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

5. LEASE DESIGNATION AND SERIAL NO.
NM 40645

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
Ribeyowids

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

9. WELL NO.
#2-16

10. FIELD AND POOL, OR WILDCAT
Basin Dakota

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
Sec. 2, T25N, R2W

12. COUNTY OR PARISH
Rio Arriba

13. STATE
NM

15. DATE SPUDDED 12-7-84

16. DATE T.D. REACHED 12-23-84

17. DATE COMPL. (Ready to prod.) 2-11-85

18. ELEVATIONS (DF, RKB, RT, CE, ETC.)* 7444' KB

19. ELEV. CASINGHEAD 7432' GL

20. TOTAL DEPTH, MD & TVD 8176'

21. PLUG BACK T.D., MD & TVD 8123'

22. IF MULTIPLE COMPL., HOW MANY*

23. INTERVALS DRILLED BY 0-TD

24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)*
7950-8086' 45' 45 holes Dakota
Dakota under bridge plug set @ 7900' RKB.

25. WAS DIRECTIONAL SURVEY MADE no

26. TYPE ELECTRIC AND OTHER LOGS RUN Compensated Density-Compensated Neutron logs
Gamma Ray Collar locator log, Induction-GR-SP

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	265' 27'	12-1/2"	159ft ³ Class B w/2% CaCl ₂	circ. to surface
5-1/2"	23#/ft	546'	7-7/8" 1st	567ft ³ 50-50 poz w/2% gel	10% salt 1/4# celofla
5-1/2"	17#/ft	8162'	7-7/8" 2nd	412ft ³ Clas Bw/2%D-79 1/2# cel	loflake tailed b
				346ft ³ 50-50 poz w/2% gel	10% salt 1/4# celofla

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"	7014	

31. PERFORATION RECORD (Interval, size and number)

Interval	Size	Number
7950-58	8'	Total 45 feet
8016-22	6'	Total 45 holes
8024-28	4'	(.34" diameter)
8048-56	8'	
8067-86	19'	

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
	250 gals 7 1/2% D.I. HCL acid
7950'-8086'	500 gals 7 1/2% HCL acid w/68 l.l. h.
	ball sealers; 41,850 gals 30#/1000
	crosslinked gelled water w/1% KCL, 1 gal/1000 Clay

33. PRODUCTION stabilizer, 1-gal/1000 surfactant, 35,700#

DATE FIRST PRODUCTION 2-4-85

PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump) Swabbing - well not thoroughly tested.

WELL STATUS (Producing or shut-in) shut-in

DATE OF TEST 2-4-85

HOURS TESTED 3.5 hrs

CHOKE SIZE

PROD'N. FOR TEST PERIOD

OIL--BBL. 8.5

GAS--MCF. Not mcs

WATER--BBL. 35

FLOW, TUBING PRESS. CASING PRESSURE CALCULATED 24-HOUR RATE

OIL--BBL. 60

GAS--MCF. Not mcs

WATER--BBL. 240

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

TEST WITNESSED BY

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

SIGNED Kerina A. McCord TITLE Agent DATE 2-10-85

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

Note: 18 U.S.C. Section 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 or to knowingly conceal any material within its jurisdiction.

FARMINGTON OFFICE

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	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Ojo Alamo	3125	3300	Water	Ojo Alamo	3125'	
Pictured Cliffs	3556	3632	Water	Pictured Cliffs	3556'	
Cliffhouse	5379	5519	Water	Cliffhouse	5379'	
Pt. Lookout	5788	5968	Water	Pt. Lookout	5788'	
Gallup	6735	7627	Oil, Gas	Gallup	6735'	
Greenhorn	7820	7880	Water	Greenhorn	7820'	
Dakota	7944	8152	Oil, Gas	Dakota	7944'	
Item 28. 3rd-360 ft ³ Class B w/2% D-79, 1/4# celoflake tailed by 220ft ³ 50-50 poz w/2% gel 10% salt 1/4# celoflake						

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