

**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

5. LEASE DESIGNATION AND SERIAL NO.

NM-04077

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Davis Fed Com 3

9. WELL NO.

#15

10. FIELD AND POOL, OR WILDCAT

Gavilan-Mancos

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

Sec. 3, T25N, R2W

12. COUNTY OR PARISH

Rio Arriba

13. STATE

NM

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. REMV. Other **FEB 25 1987**

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 795' FSL & 2145' FEL

At top prod. interval reported below

same

At total depth

same

RECEIVED

FEB 20 1987

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

15. DATE SPUDDED 07-30-86 16. DATE T.D. REACHED 08-26-86 17. DATE COMPL. (Ready for prod.) 01-03-87 18. ELEVATION (DF, RKB, RT, OR, ETC.)* 7458' GL 19. ELEV. CASINGHEAD 7459' KR

20. TOTAL DEPTH, MD & TVD 8277' 21. PLUG BACK T.D., MD & TVD bridge plug @ 8200' 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY → 24. ROTARY TOOLS 0 - T.D. 25. CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 7195 - 7390 Gavilan-Mancos 25. WAS DIRECTIONAL SURVEY MADE no

26. TYPE ELECTRIC AND OTHER LOGS RUN Sonic log, Induction, Neutron-Density and Diometer, GR-CLL 27. WAS WELL CORED yes

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"	24 #/ft	271'	12 1/4"	236 ft ³ Class B w/ 2% CaC	
5 1/2"	173 #/ft	8277'	8 3/4"	630 ft ³ 50-50 pozmix w/ 2% nel 10% salt	
				2nd: 206 ft ³ Class B w/ 2% econolite	
				tailed by 284 ft ³ 50-50 pozmix w/ 2% nel 10% salt	

29. LINER RECORD				30. TUBING RECORD (cont. on back)			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 7/8"	7457'	

31. PERFORATION RECORD (Interval, size and number)						32. ACID, SHCT, FRACTURE, CEMENT SQUEEZE, ETC.	
INTERVAL	SIZE	NUMBER	INTERVAL	SIZE	NUMBER	DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
7195	7209	7225	7244	7263	7283	7195-7390	750 gals 7 1/2% DI HCL w/ 72 ball sealers, 73,000 gals 25 #/100 gal Xlinked gelled water w/ 100,000 lbs 20-40 sand 50 MCI
7198	7211	7228	7249	7267	7288		
7201	7217	7231	7252	7272	7292		
7203	7219	7237	7254	7274	7296		
7206	7223	7241	7258	7278	7303		

33.* **PRODUCTION**
DATE FIRST PRODUCTION 01-03-87 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping WELL STATUS (Producing or shut-in) Producing

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
01-04-87	24	1/2	→	6.7	140	0	

FLOW. TUBING PRESS.	CASINO PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
		→		140		40

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold TEST WITNESSED BY Bob Tunnell

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from available records
SIGNED *[Signature]* TITLE Production Assessor DATE 02-18-87

*(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	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Ojo Alamo	3168	3518	Water	Ojo Alamo	3168	Same
Pictured Cliffs	3632	3680	Water	Pictured Cliffs	3632	"
Lewis	3721	5416	Water	Lewis	3721	"
Cliffhouse	5416	5791	Water	Cliffhouse	5416	"
Point Lookout	5791	5979	Water	Point Lookout	5791	"
Mancos	5979	6797	Water	Mancos	5979	"
Gallup	6797	7825	Oil, Gas	Gallup	6797	"
Greenhorn	7825	8012	Water	Greenhorn	7825	"
Dakota	8012	8190	Oil, Gas, Water	Dakota	8012	"
Perforation Record cont.				Cementing Record		
7307	7342	7381		3rd: 515 ft ³ Class B w/ 2% econolite tailed		
7316	7345	7390		by 158 ft ³ 50-50 pozmix w/ 2% gel,		
7318	7347			10% salt.		
7321	7354			Total 48 perforations		
7325	7357			(.50" diameter)		
7331	7361					
7333	7370					
7339	7376					