

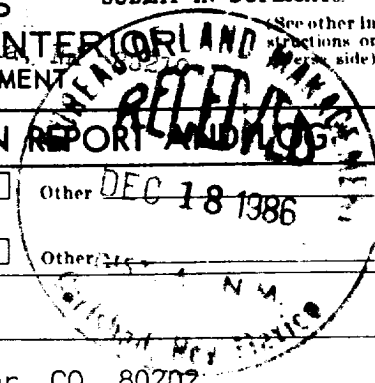
UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

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. RENVR. ☐ Other ☐
2. NAME OF OPERATOR
Mallon Oil Company
3. ADDRESS OF OPERATOR
1616 Glenarm Place, Ste. 2850, Denver, CO 80202
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface 330' FNL, 990' FWL of Section 27, T26S, R29E, Eddy County, New Mexico
At top prod. interval reported below
At total depth



5. LEASE DESIGNATION AND SERIAL NO.
NM-38636
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
7. UNIT AGREEMENT NAME
8. FARM OR LEASE NAME
Amoco-Federal
9. WELL NO.
#11
10. FIELD AND POOL, OR CILLOT
Brushy Draw Field
11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
Sec. 27, T26S, R29E
12. COUNTY OR PARISH
Eddy
13. STATE
New Mexico

14. PERMIT NO. DATE ISSUED
O.C.D.
ARTESIA OFFICE
15. DATE SPUDDED 10-28-86 16. DATE T.D. REACHED 11-18-86 17. DATE COMPL. (Ready to produce) 12-03-86 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* KB=2888.4' (Ref), GL=2883.4' 19. ELEV. CASINGHEAD 2883.4'
20. TOTAL DEPTH, MD & TVD 6,200' MD 21. PLUG BACK T.D., MD & TVD 6,156' MD 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY ROTARY TOOLS 0-6200' CABLE TOOLS
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 4889-4970' MD, Williamson Sd Member of Cherry Canyon Formation 25. WAS DIRECTIONAL SURVEY MADE No
26. TYPE ELECTRIC AND OTHER LOGS RUN CNL-FDC/GR, DLL/GR, Mud Log 27. WAS WELL CORED No

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#/ft	455.78' KB	12 1/4"	450 sacks	0
5 1/2"	15.5#/ft	6199' KB	7 7/8"	1st stage 200sx, DV@ 5,148'	0
				2nd stage 525sx	

LINER RECORD					TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 7/8"	4884' KB	None

31. PERFORATION RECORD (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
4969-70, 4963-64, 4952-54, 4943-44, 4936-39, 4932-33, 4924-25, 4916-17, 4899-4901, 4894, 4889-90; 1 shot per foot; 0.4" holes		DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
		4889-4970'	2500 gal 15% NE-FE Acid
		4889-4970'	70,000 gal 30%/1000 gal cross-link gel, 105,000 #20/40 sd, 80,000 # 10/20 sd.

33.* PRODUCTION
DATE FIRST PRODUCTION PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping - 2 1/2" x 1 3/4" x 12' WELL STATUS (Producing or shut-in) Producing
DATE OF TEST 12-01-86 HOURS TESTED 24 CHOKE SIZE Csg-10/64" PROD'N. FOR TEST PERIOD OIL—BBL. 112 GAS—MCF. 67.2 WATER—BBL. 173 GAS-OIL RATIO 600
FLOW. TUBING PRESS. (Pumping) CASING PRESSURE Aug. 40psi CALCULATED 24-HOUR RATE OIL—BBL. 112 GAS—MCF. 67.2 WATER—BBL. 173 OIL GRAVITY-API (CORR.) 39°

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold to Conoco, Inc. TEST WITNESSED BY Dick Martin

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 [Signature] TITLE Engineer DATE 12-15-86

*(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
Delaware Ls	2798'	2822'	Limestone	Top Delaware Limestone	2798'	
Top Bell Canyon Fm	2855'	3744'	Sandstone & Shale	Top Bell Canyon Formation	2855'	
Ramsey Sd	2864'	2972'	Sandstone, slight oil show			
Top Cherry Canyon Formation	3744'			Top Cherry Canyon Fm.	3744'	
Abbey Sd.	4254'	4291'	Show of oil			
Williamson Sd.	4880'	4972'	Show of oil			
Amy Sd.	5052'	5080'	No show of oil			
Getty Sd.	5227'	5377'	Slight show of oil			
Pioneer Sd.	5716'	5789'	Slight show of oil			
MWJ Sd.	5958'	6053'	Slight show of oil			
#1 Castle Sd.	6082'	6110'	Slight show of oil			
#2 Castle Sd.	6117'	6130'	Show of oil			