

CONFIDENTIAL

Form 3160-4
(July 1992)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

(See instructions on reverse side)

N.M. Cons. Division

P.O. Box 1980

Hobbs, NM 88241

FORM APPROVED

OMB NO. 1004-0137

Expires: February 28, 1995

LEASE DESIGNATION AND SERIAL NO.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐						6. IF INDIAN, ALLOTTEE OR TRIBE NAME N/A	
b. TYPE OF COMPLETION NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF RESVR ☐ OTHER ☐						7. UNIT AGREEMENT NAME N/A	
2. NAME OF OPERATOR Mallon Oil Company						8. FARM OR LEASE NAME, WELL NO. Mallon 35 Federal No. 3	
3. ADDRESS AND TELEPHONE NO. P.O. Box 3256, Carlsbad, NM 88220 (505) 885-4596						9. API WELL NO. 30-025-32985	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements *) At surface 2310' FSL and 660' FWL (NW SW) Unit L At top prod. interval reported below 2310' FSL and 660' FWL (NW SW) Unit L At total depth 2310' FSL and 660' FWL (NW SW) Unit L						10. FIELD AND POOL, OR WILDCAT NE Lea Delaware	
14. PERMIT NO. N/A						DATE ISSUED N/A	12. COUNTY OR PARISH Lea County
13. STATE New Mexico							
15. DATE SPUDDED 01/19/97		16. DATE TD REACHED 02/09/97		17. DATE COMP (Ready to Prod.) 03/17/97		18. ELEVATION (DF, RKB, RT, GR, ETC*) 3697' GR	
19. ELEV. CASINGHEAD 3698'							
20. TOTAL DEPTH, MD & TVD 8330'		21. PLUGBACK TD, MD & TVD NA		22. IF MULTIPLE COMP., HOW MANY* N/A		23. INTERVALS DRILLED BY Rotary	
						CABLE TOOLS N/A	
24. PRODUCING INTERVAL (S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD*) 5719'-5723', 5766'-5772', 5792'-5810'						25. WAS DIRECTIONAL SURVEY MADE Yes	
26. TYPE ELECTRIC AND OTHER LOGS RUN CNLD/GR, ALM-CFL/GR						27. WAS WELL CORED N/A	
28. CASING RECORD (Report all strings set in well)							
CASING SIZE/GRADE 9-5/8"		WEIGHT LB/FT 36#		DEPTH SET (MD) 1502'		HOLE SIZE 14-3/4"	
						TOP OF CEMENT, CEMENTING RECORD 1050 sks cement	
						Circ 125 sks to surface	
5-1/2"		15.5#/17#		8330'		8-3/4"	
						2755 sks cement	
29. LINER RECORD							
SIZE N/A	TOP (MD) N/A	BOTTOM (MD) N/A	SACKS CEMENT * N/A	SCREEN (MD) N/A	SIZE 2-7/8"	DEPTH SET (MD) 5604'	PACKER SET (M) N/A
30. TUBING RECORD							
31. PERFORATION RECORD (Interval, size, and number) 5719'-5723', 5766'-5772', 5792'-5810'				32. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. DEPTH INTERVAL (MD) 5719'-5810'			
				AMOUNT AND KIND OF MATERIAL USED 1000 gls 7-1/2% HCL acid 180,000 lbs 20/40 Ottawa Sand 20,000 lbs 20/40 RC Sand			
33. PRODUCTION							
DATE FIRST PRODUCTION 03/17/97		PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) Pumping 2-1/2" x 1-3/4" x 30' pump				WELL STATUS (Producing or Shut In) Producing	
DATE OF TEST 03/10/97	HOURS TESTED 24	CHOKE SIZE N/A	PROD'N FOR TEST PERIOD 163	OIL - BBL 59	GAS - MCF 59	WATER - BBL 4	GAS-OIL RATIO .3619
FLOW TBG PRESS N/A	CASING PRESSURE N/A	CALCULATED 24-HOUR RATE 163	OIL - BBL 59	GAS - MCF 59	WATER - BBL 4	OIL GRAVITY - API (CORR.) 36.3	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold to Warren Petroleum							
35. LIST OF ATTACHMENTS N/A							
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.							
SIGNED <i>David J. Costalez</i>				TITLE Operations Manager		DATE 03/27/97	

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

Title 18 U.S.C. 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 as to any matter within its jurisdiction

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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):

GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT DEPTH
				Rustler	1743'	
				Salado	1934'	
				Tansil	3384'	
				Yates	3575'	
				7 Rivers	3882'	
				Queen	4560'	
				Penrose	4887'	
				Grayburg	5055'	
				Delaware	5706'	
				San Andres	5966'	
				Base San Andres	6406'	
				Bone Spring	8257'	