

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

CONFIDENTIAL
Section 5 instructions
on reverse side

FORM APPROVED
OMB NO. 1004-0137

Expires: February 28, 1995

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

5. LEASE DESIGNATION AND SERIAL NO.
LC-065421

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. O'Neill Federal No. 1	
3. ADDRESS AND TELEPHONE NO. P.O. Box 3256, Carlsbad, NM 88220 (505) 885-4596		9. API WELL NO. 30-015-20301	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements *) At surface 1980' FSL and 660' FWL (NW SW) Unit L At top prod. interval reported below 1980' FSL and 660' FWL (NW SW) Unit L At total depth 1980' FSL and 660' FWL (NW SW) Unit L		10. FIELD AND POOL, OR WILDCAT White City, Morrow - 5 Carlsbad Morrow 11. SEC., T., R., M. OR BLOCK AND SURVEY OR AREA Sec. 11, T24S-R26E	
14. PERMIT NO. N/A		DATE ISSUED N/A	
15. DATE SPUDDED 2/10/97		16. DATE TD REACHED 2/18/97	
17. DATE COMP (Ready to Prod.) 4/5/97		18. ELEVATION (DF, RKB, RT, GR, ETC*) 3299' GR	
19. ELEV. CASINGHEAD 3299'		12. COUNTY OR PARISH Eddy County	
13. STATE New Mexico		20. TOTAL DEPTH, MD & TVD 11,902'	
21. PLUGBACK TD, MD & TVD NA		22. IF MULTIPLE COMP., HOW MANY* N/A	
23. INTERVALS DRILLED BY Rotary		ROTARY TOOLS CABLE TOOLS N/A	
24. PRODUCING INTERVAL (S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD*) 11,198'-11,206' Morrow		25. WAS DIRECTIONAL SURVEY MADE Yes	
26. TYPE ELECTRIC AND OTHER LOGS RUN N/A		27. WAS WELL CORED N/A	
28. CASING RECORD (Report all strings set in well)			
CASING SIZE/GRADE 5-1/2"		WEIGHT LB/FT 17# & 20#	
DEPTH SET (MD) 11,902'		HOLE SIZE 8-3/4"	
TOP OF CEMENT, CEMENTING RECORD 3024'		AMOUNT PULLED N/A	
DV tool at 11,860		N/A	
29. LINER RECORD			
SIZE N/A		TOP (MD) N/A	
BOTTOM (MD) N/A		SACKS CEMENT * N/A	
SCREEN (MD) N/A		SIZE 2-3/8"	
DEPTH SET (MD) 11,096'		PACKER SET (M) 11,097'	
30. TUBING RECORD			
31. PERFORATION RECORD (interval, size, and number) 11,414'-11,426' 2 JSPF 78 holes 11,476'-11,480' 11,484'-11,510' Pkr with plug at 11,283' 11,198-11,206' 4 JSPF 33 holes		32. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. DEPTH INTERVAL (MD) 11,414'-11,510' 11,198'-11,206' AMOUNT AND KIND OF MATERIAL USED 2000 gls 7-1/2% acid Frac 58,760 lbs 20/40 Bauxite 1000 gls 7-1/2% acid	
33. PRODUCTION			
DATE FIRST PRODUCTION 4/5/97		PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) Flowing	
WELL STATUS (Producing or Shut in) Producing		DATE OF TEST 3/11/97	
HOURS TESTED 24		CHOKE SIZE 0.750	
PROD'N FOR TEST PERIOD 0		OIL - BBL 2200	
GAS - MCF 2200		WATER - BBL 0	
GAS-OIL RATIO N/A		FLOW TBG PRESS 165	
CASING PRESSURE 0		CALCULATED 24-HOUR RATE 0	
OIL - BBL 2200		GAS - MCF 2200	
WATER - BBL 0		OIL GRAVITY - API (CORR.) N/A	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold to LG&E		TEST WITNESSED BY Terry Lindeman	
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 Duane C. [Signature]		TITLE Operations Manager	
DATE 04/11/97		DATE 04/11/97	

*(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):

GEOLOGIC MARKERS				
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME
				MEAS. DEPTH
				TRUE VERT. DEPTH
				Delaware Ls 1787'
				Delaware Ss 1956'
				Bone Springs 5282'
				1st Bone Springs Ss 6227'
				3rd Bone Springs Ss 8190'
				Wolfcamp 8476'
				Pennsylvanian 10275'
				Lower Strawn 10447'
				Atoka 10847'
				Morrow Ls 11032'
				Lower Morrow 11333'
				Upper Mississippian 11858'