

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

CONFIDENTIAL  
SUBMIT IN DUPLICATE  
(See other instructions  
on reverse side)

N.M. Oil Cons. Division  
FORM APPROVED  
P.O. Box 1980  
Hobbs, NM 88241  
1995

WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

5. LEASE DESIGNATION AND SERIAL NO.

1a. TYPE OF WELL OIL GAS  
WELL ☒ WELL ☐ DRY ☐ OTHER

NM-056376

UNIT AGREEMENT NAME

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

UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.

2. NAME OF OPERATOR  
Mallon Oil Company

30 Federal No. 4

3. ADDRESS AND TELEPHONE NO.  
P.O. Box 3256, Carlsbad, NM 88220 (505) 885-4596

30-025-33813

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements \*)  
At surface 1330' FNL and 1330' FEL (SW NE) Unit G

10. FIELD AND POOL, OR WILDCAT

Quail Ridge, Morrow

At top prod. interval reported below 1330' FNL and 1330' FEL (SW NE) Unit G

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

Sec. 30, T19S-R34E

At total depth 1330' FNL and 1330' FEL  
(SW NE) Unit G

14. PERMIT NO.  
N/A

DATE ISSUED  
N/A

12. COUNTY OR PARISH  
Lea County

13. STATE  
New Mexico

15. DATE SPUDDED  
2/24/97

16. DATE TO REACHED  
4/25/97

17. DATE COMP (Ready to Prod.)  
06/16/97

18. ELEVATION (DF, RKB, RT, GR, ETC.)  
3667' GR

19. ELEV. CASINGHEAD  
3668'

20. TOTAL DEPTH, MD & TVD  
13,700'

21. PLUGBACK TD, MD & TVD  
N/A

22. IF MULTIPLE COMP.,  
HOW MANY\*  
N/A

23. INTERVALS  
DRILLED BY  
Rotary

ROTARY TOOLS  
N/A

CABLE TOOLS  
N/A

24. PRODUCING INTERVAL (S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD\*)

Morrow

25. WAS DIRECTIONAL SURVEY MADE

Yes

13,227'-13,240', 13,259'-13,279', 13,298'-13,306', 13,310'-13,316', 13,360'-13,362', 13,372'-13,374'

26. TYPE ELECTRIC AND OTHER LOGS RUN  
AL/MCFL/GR, CNLD/GR

27. WAS WELL CORED  
N/A

28. CASING RECORD (Report all strings set in well)

CASING SIZE/GRADE	WEIGHT LB/FT	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
13-3/8"	54.5#	500'	17-1/2"	430 sks cmt, circ 200 sks to surface	N/A
9-5/8"	17# & 53.5#	5205'	12-1/4"	2150 sks cmt, circ 359 sks to surface	N/A
5-1/2"	23#	13,700'	7-7/8"	1545 sks cmt, circ 180 sks to surface	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT *	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
N/A	N/A	N/A	N/A	N/A	2-3/8"	13,100'	13,107'

30. TUBING RECORD

31. PERFORATION RECORD (Interval, size, and number)

13,298'-13,306', 13,310'-13,316', 13,360'-13,362', 13,372'-13,374'  
(4 JSPF, 72 holes)  
13,227'-13,240', 13,259'-13,279' (4 JSPF, 132 holes)

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

DEPTH INTERVAL (MD) AMOUNT AND KIND OF MATERIAL USED  
13,298'-13,374' 55,000 gls gel pad, 85,000 bls 20/40 sand

33.\* PRODUCTION

DATE FIRST PRODUCTION 06/16/97		PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of p imp) Flowing				WELL STATUS (Producing or Shut In) Producing	
DATE OF TEST 06/15/97	HOURS TESTED 24	CHOKE SIZE 48/64	PROD'N FOR TEST PERIOD —————▶	OIL - BBL 58	GAS - MCF 800	WATER - BBL 20	GAS-OIL RATIO 13.793
FLOW TBG PRESS 650	CASING PRESSURE 0	CALCULATED 24-HOUR RATE —————▶	OIL - BBL 58	GAS - MCF 800	WATER - BBL 20	OIL GRAVITY - API (CORR.) 50.8	

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

TEST WITNESSED BY

T. 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 David R. Glaser TITLE Operations Manager

DATE 6-25-96

\*(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	1570'	
				Salado	1755'	
				Tansil	3253'	
				Yates	3456'	
				7-Rivers	3777'	
				Queen	4464'	
				Penrose	4778'	
				Grayburg	4892'	
				Delaware	5588'	
				San Andres	6024'	
				Base San Andres	6262'	
				Bone Spring	8183'	
				Wolfcamp	10,862'	
				Strawn	12,186'	
				Atoka	12,390'	
				Atoka Shale	12,500'	
				Morrow	12,741'	
				Morrow 'B'	13,222'	
				Barnett	13,621'	