

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Drawn and SUBMIT IN DUPLICATE*
Artesia, NM 88210
(See other instructions on reverse side)

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. RESVR. ☐ Other _____

2. NAME OF OPERATOR
MEWBOURNE OIL COMPANY ✓

3. ADDRESS OF OPERATOR
P. O. Box 7698, Tyler, Texas 75711

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface 990' FN&EL

At top prod. interval reported below

At total depth Same

14. PERMIT NO. DATE ISSUED
API #30-015-26835

5. LEASE DESIGNATION AND SERIAL NO.

NM-13409

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

LAKE SHORE FEDERAL

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

EAST LAKE MORROW

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

20, T19S-R27E

12. COUNTY OR PARISH
EDDY

13. STATE
NEW MEXICO

15. DATE SPUDDED 16. DATE T.D. REACHED 17. DATE COMPL. (Ready to prod.) 18. ELEVATIONS (DF, KKB, RT, OR, ETC.)* 19. ELEV. CASINGHEAD
9/08/91 10/19/91 11/06/91 KB 3407', DF 3406', GL 3392'

20. TOTAL DEPTH, MD & TVD 21. PLUG BACK T.D., MD & TVD 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY ROTARY TOOLS CABLE TOOLS
10,260' 10,211' → X

24. PRODUCING INTERVAL(S), OF THIS COMPLETION— TOP, BOTTOM, NAME (MD AND TVD)* 25. WAS DIRECTIONAL SURVEY MADE
10,118-129' - Lower Morrow Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN 27. WAS WELL CORED
DLL-MSFL, DSL-DSN No

28. CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8"	48#	307'	17-1/2"	315 sacks - circ	None
8-5/8"	32#	2,200'	12-1/4"	950 sacks - circ	None
5-1/2"	17# & 20#	10,259'	7-7/8"	1860 sacks -	None

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8"	10,014'	10,014'

31. PERFORATION RECORD (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
10,118-129', 11', 2 SPF, 22 holes		DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED

33.* PRODUCTION
DATE FIRST PRODUCTION 11/07/91 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing WELL STATUS (Producing or shut-in) Shut-in

DATE OF TEST 11/09/91 HOURS TESTED 24 CHOKE SIZE 12/64" PROD'N. FOR TEST PERIOD → OIL—BBL. 0 GAS—MCF. 1155 WATER—BBL. 0 GAS-OIL RATIO ---
FLOW. TUBING PRESS. 1640# CASING PRESSURE --- CALCULATED 24-HOUR RATE → OIL—BBL. 0 GAS—MCF. 1155 WATER—BBL. 0 OIL GRAVITY-API (CORR.) ---

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

35. LIST OF ATTACHMENTS
Logs

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED Raymond Thompson TITLE Engr. Oprns. Secretary DATE 12/19/91

*(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):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
Wolfcamp Lime	7862'	7867'	Limestone
Lower Wolfcamp Lime	8008'	8019'	Limestone
Atoka Sand	9502'	9507'	Sandstone
Atoka Sand	9590'	9594'	Sandstone
Middle Morrow	10003'	10022'	Sandstone
DRILL-STEM TEST #1			
Zone: Lower Wolfcamp Lime			
Interval: 8002-8026'			
Cushion: None			
Time Tool Open: 145 Minutes			
Initial Flow: 386.7 to 288.0			
Final Flow: 285.9 to 206.0			
Final Shut-in: 1865.9			
Recovered: 580' total fluid: 430' oil and 150' drilling fluid			
DRILL-STEM TEST #2			
Zone: Middle Morrow Sand			
Interval: 9928-9996'			
Cushion: None			
Time Tool Open: 90 Minutes			
Initial Flow: 233.4 to 203.9			
Final Flow: 273.3 to 252.3			
Final Shut-in: 3787.9			
Recovered: 810' drilling fluid			

38. GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Grayburg	1235'	
San Andres	1721'	
Bone Spring	2554'	
3rd Bone Spring Sand	7234'	
Wolfcamp	7672'	
Strawn	8800'	
Atoka	9490'	
Morrow Clastics	9935'	
Lower Morrow	10066'	