

UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
NEW MEXICO
OIL CONSERVATION COMMISSION
SUBMIT IN DUPLICATE
(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 ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. REVR. ☐ 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 2310' FSL & 2030' FEL

At top prod. interval reported below
At total depth Same

14. PERMIT NO. DATE ISSUED
API-30-025-29770 10/03/86

5. LEASE DESIGNATION AND SERIAL NO.
NM-0554244

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Federal "L"

9. WELL NO.
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10. FIELD AND POOL, OR WILDCAT
Querecho Plains - Upper Bone Springs

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
23-18S-32E

12. COUNTY OR PARISH
Lea

13. STATE
N.M.

15. DATE SPUDDED 10/14/86 16. DATE T.D. REACHED 11/05/86 17. DATE COMPL. (Ready to prod.) 11/19/86 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* KB 3792.5', DF 3791.2', GL 3781.5' 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 8750' 21. PLUG, BACK T.D., MD & TVD 8660' 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY 24. ROTARY TOOLS X 25. CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 8458-8531' - Upper Bone Springs 25. WAS DIRECTIONAL SURVEY MADE Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN SDDSNL 27. WAS WELL CORED 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"	54# & 61#	441'	17-1/2"	450 sxs Class "C" lite	None
8-5/8"	24# & 32#	4293'	12-1/4"	1800 sxs Pacesetter & Class "C"	None
5-1/2"	17#	8750'	7-7/8"	925 sxs Pacesetter & Class "H"	

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"	8356'	8356'

31. PERFORATION RECORD (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
8458 - 8473'		DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
8494 - 8508'	1 SPF - 46 Shots	8458 - 8531'	Acidized w/4000 gals 7 1/2% HCL, fracture treated w/50,000 gals Mini-Max III-40 gel & 70,000# 20/40 sand.
8517 - 8531'			

33.* PRODUCTION							
DATE FIRST PRODUCTION 11/19/86		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing				WELL STATUS (Producing or shut-in) Producing	
DATE OF TEST 11/22/86	HOURS TESTED 24	CHOKE SIZE 22/64"	PROD'N. FOR TEST PERIOD	OIL—BBL. 220	GAS—MCF. 190	WATER—BBL. 141 BLW	GAS-OIL RATIO 864:1
FLOW. TUBING PRESS. 290#	CASING PRESSURE --	CALCULATED 24-HOUR RATE	OIL—BBL. 220	GAS—MCF. 190	WATER—BBL. 141 BLW	OIL GRAVITY-API (CORR.) 41°	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold TEST WITNESSED BY W. H. Cravey

35. LIST OF ATTACHMENTS Log & Deviation Survey DEC 2 1986

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records
SIGNED [Signature] CARLSBAD, NEW MEXICO TITLE Engr. Opns. Sec. DATE 11/24/86

*(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, flowing and shut-in pressures, and recoveries):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Queen	3951'	4004'	Sandstone: white, clear, very fine grained, subangular, consolidated, tight, firm to friable; becoming clear, red, some frosted medium to coarse grained, subround to rounded, no show.	Base of Salt Yates	2551' 2714'	
Penrose	4192'	4222'	Sandstone: white, gray, brown, very fine grained, consolidated, some unconsolidated, subangular to subround, some brown oil stain, firm to friable, 10% bright to dull yellow fluorescence, fair cut, fair residual ring.	Seven Rivers Queen Penrose	3106' 3951' 4192'	
1st Bone Spring Sand	8458'	8473'	Sandstone: clear, brown, milky, very fine grained, subangular to subround, consolidated and unconsolidated, very friable, fair visual porosity, some oil stain, 80% yellow green fluorescence, good yellow cut, good yellow residual ring.	Grayburg Loco Hills Premier San Andres	4393' 4452' 4689' 4780'	
1st Bone Spring Sand	8494'	8540'	Sandstone: clear, brown, milky, very fine grained, subangular to subrounded, consolidated and unconsolidated, friable, some brittle, some brown oil stain, fair intergranular porosity, 80% bright to dull, pinpoint to even yellow fluorescence, good yellow cut, good yellow residual ring.	Delaware Bone Springs 1st Bone Spring Sand 2nd Bone Spring Carbonate	5396' 6882' 8335' 8632'	

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