

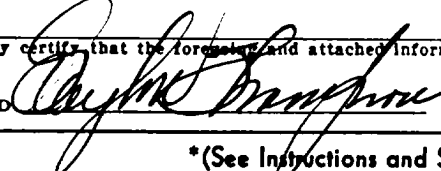
UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

(See other In-
structions 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 _____		5. LEASE DESIGNATION AND SERIAL NO. NM-4609	
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other _____		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR Mewbourne Oil Company		7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR P. O. Box 7698, Tyler, Texas 75711		8. FARM OR LEASE NAME Federal "E"	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1980' FNL & 330' FEL At top prod. interval reported below At total depth Same		9. WELL NO. 12	
14. PERMIT NO. API #30-025-29629		10. FIELD AND POOL OR WILDCAT Querecho Plains - Upper Bone Springs	
DATE ISSUED 4/02/86		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA 27-18S-32E	
15. DATE SPUDDED 3/16/86		12. COUNTY OR PARISH Lea	
16. DATE T.D. REACHED 4/05/86		13. STATE N.M.	
17. DATE COMPL. (Ready to prod.) 4/27/86		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* KB 3762', DF 3761', GL 3751'	
19. ELEV. CASINGHEAD --		20. TOTAL DEPTH, MD & TVD 9050'	
21. PLUG, BACK T.D., MD & TVD 8970'		22. IF MULTIPLE COMPL., HOW MANY*	
23. INTERVALS DRILLED BY ROTARY TOOLS CABLE TOOLS		X	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 8470' - 8532' - Upper Bone Springs		25. WAS DIRECTIONAL SURVEY MADE Yes	
26. TYPE ELECTRIC AND OTHER LOGS RUN SD/DSNL & CD/DSNL		27. WAS WELL CORED No	
28. CASING RECORD (Report all strings set in well)			
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE
13-3/8"	61#	440'	17-1/2"
8-5/8"	32# & 24#	4310'	12-1/4"
5-1/2"	20# & 17#	9052'	7-7/8"
CEMENTING RECORD		AMOUNT PULLED	
450 sxs Class "C"		None	
1800 sxs Class "C"		None	
835 sxs HLC & Class "H"		None	
29. LINER RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*
30. TUBING RECORD			
SIZE	DEPTH SET (MD)	PACKER SET (MD)	
2-7/8"	8323'	8323'	
31. PERFORATION RECORD (Interval, size and number)			
8470' - 8486', 1 SPF, 17 holes 8500' - 8532', 1 SPF, 33 holes			
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
8470-8486'		2000 gals 15% HCL	
8500-8532'		3000 gals 15% HCL, frac'd	
		w/50,000 gals My-T-Gel &	
		70,000# 20/40 sand	
33. PRODUCTION			
DATE FIRST PRODUCTION 4/28/86		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing	
WELL STATUS (Producing or shut-in) Producing			
DATE OF TEST 4/30/86	HOURS TESTED 24	CHOKE SIZE 26/64"	PROD'N. FOR TEST PERIOD OIL—BBL. 293
GAS—MCF. 333		WATER—BBL. 282 BLW	
GAS-OIL RATIO 1136"1			
FLOW. TUBING PRESS. 225#	CASING PRESSURE --	CALCULATED 24-HOUR RATE OIL—BBL. 293	GAS—MCF. 333
WATER—BBL. 282 BLW		OIL GRAVITY-API (CORR.) 41°	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold - Phillips 66 Natural Gas Company			
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 		TITLE Engr. C. Oprens, Secretary	
DATE 4/30/86			

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

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Lower Queen	3938'	3972'	Sandstone - clear, frosted, very fine to medium grained, some red coarse grains, subround to subangular, fair to poorly sorted, firm to friable, some consolidation, mostly unconsolidated, very slight trace of bright yellow pinpoint fluorescence.	Base of Salt Vates	2540'	
1st Bone Spring Sand Pay	8400'	8661'	Sandstone, mostly clear, some milky, very fine to medium grained, angular to subangular, poorly sorted, unconsolidated, some consolidation. 80% bright yellow pinpoint to even fluorescence, fair cut, fair residual ring.	Seven Rivers	3118'	
				Upper Queen	3928'	
				Lower Queen	3952'	
				Pentose	4170'	
				Grayburg	4388'	
				Loco Hills	4470'	
				Premier	4749'	
				San Andres	4844'	
				Delaware	5648'	
				Bone Springs	6961'	
				1st Bone Spring Sand	8379'	
				1st Bone Spring Pay Zone	8498'	
				Base of 1st Bone Spring Sand	8670'	
				TD	9050'	