

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
Oil Cons.
NM. Div-Dist 2
1301 W. Grand Avenue
Artesia, NM 88210

SUBMIT IN DUPLICATE*

FORM APPROVED
OMB NO. 1004-0137
Expires: February 28, 1995

5

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> Other _____				5. LEASE DESIGNATION AND SERIAL NO. NM-04825																															
b. TYPE OF COMPLETION: NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> Other _____				6. IF INDIAN, ALLOTTEE OR TRIBE NAME																															
2. NAME OF OPERATOR Mewbourne Oil Company 14744				7. UNIT AGREEMENT NAME																															
3. ADDRESS AND TELEPHONE NO. PO Box 5270, Hobbs, N.M. 88241				8. FARM OR LEASE NAME, WELL NO. Freedom 31 Federal Com #1																															
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) At surface 1800' FNL & 660' FWL. At top prod. interval reported below Same At total depth Same				9. API WELL NO. 30-015-32546																															
14. PERMIT NO.				DATE ISSUED	12. COUNTY OR PARISH Eddy																														
15. DATE SPUDDED 01/28/03				16. DATE T.D. REACHED 03/01/03	13. STATE NM																														
17. DATE COMPL. (Ready to prod.) 03/13/03				18. ELEVATIONS (DF, RKB, RT, GE, ETC.)* 3232' GL	19. ELEV. CASING HEAD 3232'																														
20. TOTAL DEPTH, MD & TVD 11900'		21. PLUG, BACK T.D., MD & TVD 11771'		22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY X																														
24. PRODUCING INTERVAL(S), OF THIS COMPLETION-TOP, BOTTOM, NAME (MD AND TVD)* 11408-11657'. Morrow					25. WAS DIRECTIONAL SURVEY MADE No																														
26. TYPE ELECTRIC AND OTHER LOGS RUN DLL, DN & CBL					27. WAS WELL CORED No																														
28. CASING RECORD (Report all strings set in well)																																			
<table border="1"><thead><tr><th>CASING SIZE/GRADE</th><th>WEIGHT, LB./FT.</th><th>DEPTH SET (MD)</th><th>HOLE SIZE</th><th>TOP OF CEMENT, CEMENTING RECORD</th><th>AMOUNT PULLED</th></tr></thead><tbody><tr><td>20"/H-40</td><td>94#</td><td>405'</td><td>26"</td><td>Surface. 700 sks</td><td>N/A</td></tr><tr><td>13 3/8"/J-55</td><td>54.5#</td><td>1187'</td><td>17 1/2"</td><td>Surface. 1000 sks</td><td>N/A</td></tr><tr><td>8 5/8"/J-55</td><td>32#</td><td>3025'</td><td>12 1/4"</td><td>Surface. 1400 sks</td><td>N/A</td></tr><tr><td>5 1/2"/N & P</td><td>17</td><td>11900'</td><td>7 7/8"</td><td>TOC @ 7680'. 825 sks</td><td>N/A</td></tr></tbody></table>						CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED	20"/H-40	94#	405'	26"	Surface. 700 sks	N/A	13 3/8"/J-55	54.5#	1187'	17 1/2"	Surface. 1000 sks	N/A	8 5/8"/J-55	32#	3025'	12 1/4"	Surface. 1400 sks	N/A	5 1/2"/N & P	17	11900'	7 7/8"	TOC @ 7680'. 825 sks	N/A
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31. PERFORATION RECORD (Interval, size and number)																																			
11408-11422'. 2 spf. 28-24" EHD.																																			
11498-11520'. 4 spf. 88-24" EHD.																																			
11648-11657'. 4 spf. 36-24" EHD.																																			
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.																																			
DEPTH INTERVAL (MD)																																			
11648-11657'																																			
AMOUNT AND KIND OF MATERIAL USED																																			
500 gals 7 1/2% HCl																																			
33. * PRODUCTION																																			
DATE FIRST PRODUCTION 03/13/03																																			
PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing																																			
WELL STATUS (Producing or shut-in) Producing																																			
DATE OF TEST 03/16/03																																			
HOURS TESTED 24																																			
CHOKE SIZE 17/64"																																			
OIL—BBL. 12																																			
GAS—MCF. 1994																																			
WATER—BBL. 3																																			
GAS-OIL RATIO 166166																																			
FLOW. TUBING PRESS. 2050																																			
CASING PRESSURE 50																																			
CALCULATED 24-HOUR RATE 12																																			
OIL—BBL. 12																																			
GAS—MCF. 1994																																			
WATER—BBL. 3																																			
OIL GRAVITY-API (CORR.) 49																																			
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold																																			
TEST WITNESSED BY L. Pounds																																			
35. LIST OF ATTACHMENTS Deviation Survey, C104 & E-Logs																																			
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records																																			
SIGNED _____ TITLE NM Young District Manager DATE 04/16/03																																			

(See Instructions and Spaces for Additional Data on Reverse Side)

Title 18 U.S.C. Section 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.

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.

38. GEOLOGICAL MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Delaware	3338	3338
Bone Springs	5722	5722
Wolfcamp	9144	9144
Strawn	10358	10358
Atoka	10814	10814
Morrow	11356	11356
Barnett	11749	11749
LTD	11900	11900
SLM	11900	11900

38. GEOLOGICAL MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH

OPERATOR: MEWBOURNE OIL CO.
WELL/LEASE: FREEDOM 31 FED. COM. 1
COUNTY: EDDY

048-0015

STATE OF NEW MEXICO
DEVIATION REPORT

235	2 1/4	5,488	2
380	6	5,744	2 1/4
473	6 1/4	6,000	2 1/2
516	5 1/4	6,255	2 1/2
575	4 1/2	6,542	2 1/2
698	2 1/4	6,798	1 3/4
762	2 1/4	7,052	1 3/4
826	1 1/2	7,564	2 3/4
858	1 1/2	7,691	2 1/2
922	2	7,948	2
1,018	2 1/2	8,171	1 3/4
1,114	2 1/2	8,427	1 1/2
1,274	2	8,903	2 1/4
1,465	2	9,159	3
1,560	4 3/4	9,297	2
1,654	4	9,447	1 1/4
1,750	3 1/2	9,920	2
1,847	3 1/4	10,176	1 3/4
2,037	2 1/2	10,400	1 3/4
2,132	1 3/4	10,934	1 3/4
2,229	1 3/4	11,213	1 1/2
2,325	1 3/4	11,650	1
2,389	1 3/4	11,852	1 1/4
2,518	1 3/4		
2,767	1		
2,990	1		
3,290	1		
3,514	1/4		
4,021	3/4		
4,501	1		
5,012	1		

By: Steve Moore



STATE OF TEXAS

COUNTY OF MIDLAND

The foregoing instrument was acknowledged before me on this 12th day of March, 2003, by Steve Moore on behalf of Patterson-UTI Drilling Company LP, LLLP.

Joni D. Hodges
Notary Public for Midland County, Texas

My Commission Expires: 4/08/2007

