

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

FORM APPROVED
OMB NO. 1004-0137
Expires: January 31, 2004

5. Lease Serial No.
NM-98152

1a. Type of Well ☐ Oil Well ☒ Gas Well ☐ Dry Other
b. Type of Completion: ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resv.
Other _____

2. Name of Operator

Mewbourne Oil Company 14744

3. Address

PO Box 5270 Hobbs, NM 88240

3a. Phone No. (include area code)

505-393-5905

4. Location of Well (Report location clearly and in accordance with Federal requirements)*

At surface 990' FSL & 1650' FEL, Unit O

At top prod. interval reported below Same

At total depth Same

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No.

Runway 27 Federal #1

9. API Well No.

30-015-35160

10. Field and Pool, or Exploratory

Happy Valley Morrow 78060

11. Sec., T., R., M., on Block and Survey
or Area Sec 27-T22S-R26E

12. County or Parish

Eddy County

13. State

NM

14. Date Spudded

11/05/06

15. Date T.D. Reached

12/18/06

16. Date Completed

☐ D&A

☒ Ready to Prod.

17. Elevations (DF, RKB, RT, GL)*

3235' GL

18. Total Depth: MD 11870'
TVD

TVD

19. Plug Back T.D.: MD 11772'
TVD

TVD

20. Depth Bridge Plug Set: MD

MD
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)

DLL w/Micro, DN w/GR & CBL

22. Was well cored? ☒ No ☐ Yes (Submit analysis)

Was DST run? ☒ No ☐ Yes (Submit report)

Directional Survey? ☐ No ☒ Yes (Submit copy)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17 1/2	13 3/8 H40	48	0	625'		600 C	165	Surface	NA
12 1/4	9 5/8 J55	40	0	5135'		1800 C	582	Surface	NA
8 3/4	4 1/2 P110	11.6	0	11870'		1050 H	291	TOC 9190'	NA

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
NA								

25. Producing Intervals

Formation	TOP	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Morrow	11030'	11762'	11406' - 11496'	0.41"	96	open
B)						
C)						
D)						

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
11406' - 11496'	Frac with 1000 gals 7 1/2% NeFe acid and 68,750 gals 40# 70Q Binary foam with 68,900# 18/40 Ultraprop.

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
01/05/07	01/08/07	24	→	0	280	0	NA	0.650	flowing
Choke Size	Tbg. Press. Flwg. SI	Csg. Press	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	
48/64	NA	180	→	0	280	0	280000	open	

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Call Press	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	
			→						

(See instructions and spaces for additional data on next page)

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Thg Press Flwg. SI	Csg. Press	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Thg Press Flwg. SI	Csg. Press	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	

29. Disposition of Gas (Sold used for fuel, vented, etc.)

SOLD

30. Summary of Porous Zones (Include Aquifers):

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.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
Capitan	1404				
Delaware	1746				
Bone Spring	5011				
Wolfcamp	8632				
Strawn	10217				
Atoka	10674				
Morrow	11030				
Barnett	11762				

32. Additional remarks (include plugging procedure):

33. Circle enclosed attachments:

- ☒ 1 Electrical/Mechanical Logs (1 full set req'd.)
 ☐ 2 Geologic Report
 ☐ 3 DST Report
 ☐ 4 Directional Survey
☐ 5 Sundry Notice for plugging and cement verification
☐ 6 Core Analysis
☒ 7 Other: Dev Rpt, C104

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

Name (please print) Kristi GreenTitle Hobbs RegulatorySignature Date 01/09/07

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212 make 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.

OPERATOR
WELL/LEASE
COUNTY

MEWBOURNE OIL
RUNAWAY 27 FED. COM. 1
EDDY, NM

048-0046

STATE OF NEW MEXICO
DEVIATION REPORT

173	1.00	8,034	1.25
432	0.50	8,209	1.50
578	2.00	8,351	1.50
768	2.00	8,510	1.50
959	2.75	8,668	1.25
1,131	3.00	8,828	1.00
1,244	2.75	9,150	1.75
1,370	2.50	9,561	0.75
1,657	1.75	9,689	1.50
1,847	1.75	9,878	2 1/4
2,134	1.75	9,976	2
2,325	1.25	10,196	1 3/4
2,578	1.00	10,357	1.50
2,894	1.25	10,547	2.75
3,785	1.00	10,609	2.50
3,476	1.00	10,740	0.75
3,816	0.50	10,899	1.25
4,134	0.50	10,975	1.75
4,451	0.25	11,105	1.25
4,737	1.75	11,203	2.00
4,892	0.75	11,361	1.00
5,135	0.50	11,647	2.00
5,270	0.50	11870 TD	2.00
5,716	0.75		
6,066	0.50		
6,383	0.50		
6,700	1.00		
7,017	1.00		
7,335	3.00		
7,431	4.00		
7,685	1.75		
7,799	1.75		

BY: Steve Moore

COUNTY OF MIDLAND

The foregoing instrument was acknowledged before me on
Moore on behalf of Patterson-UTI Drilling Company LP, LLLP.

December 27, 2006, by Steve

Joni D. Hodges
Notary Public for Midland County, Texas
My Commission Expires: 4/08/07

