

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Oil Cons.
N.M. DIV-Dist. 2
1301 W. Grand Avenue
Artesia, NM 88210

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

WELL COMPLETION OR RECOMPLETION REPORT

5. Lease Serial No.
NM-0354232

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

6. If Indian, Allottee or Tribe Name
7. Unit or CA Agreement Name and No.

2. Name of Operator

Mewbourne Oil Company 14744

8. Lease Name and Well No.

Esperanza 19 Federal Com #1

3. Address

PO Box 5270 Hobbs, NM 88240

3a. Phone No. (include area code)

505-393-5905

9. API Well No.

30-015-33160 51

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

At surface 1980' FSL & 393' FEL, Unit I

At top prod. interval reported below same

At total depth same

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10. Field and Pool, or Exploratory

Burton Flat Morrow

11. Sec., T., R., M., on Block and Survey
or Area Sec 19-T21S-R27E

12. County or Parish

Eddy County

13. State

NM

14. Date Spudded

12/29/03

15. Date T.D. Reached

01/27/04

16. Date Completed

☐ D&A

☒ Ready to Prod.

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

3159' GL

18. Total Depth: MD 11670'
TVD

19. Plug Back T.D.: MD 11624'
TVD

20. Depth Bridge Plug Set: MD NA
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	421		600 H/C	141	Surface	NA
12 1/4	9 5/8 J55	40	0	2615		1525 H/C	449	Surface	NA
8 3/4	5 1/2 N80	17	0	11670	8701	1st 725-H	205	8701	NA
						2nd 1220H	407	4120	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)
2 7/8	10507	10485						

25. Producing Intervals

Formation	TOP	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Morrow	11286	11334	48	0.24	96	open
B)						
C)						
D)						

26. Perforation Record

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

Depth Interval	Amount and Type of Material
Morrow 11286-334'	Frac perms 11286-11334 (96 holes) with 2000 gals 7 1/2% NeFe acid and 40,000 gals 40# 70Q Binary Foam with 42,200# 20/40 Interprop.

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
02/15/04	02/19/04	24	→	0	992	7	52	0.602	Flowing
Choke Size	Tbg. Press. Flwg. SI	Csg. Press	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	
14/64	1000	0	→	0	992	7	92000	Producing	

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	
			→						

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ALEXIS C. SWOBODA
PETROLEUM ENGINEER

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	Tbg 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	Tbg 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.)

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 Reef	675				
Delaware	2595				
Bone Spring	4932				
Wolfcamp	8748				
Canyon	9802				
Strawn	10092				
Atoka	10551				
Morrow	11120				
Barnett	11520				
TD	11672				

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: Deviation Report and 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) NM Young Title Hobbs District Manger

Signature Kristi Green for NM Young Date 03/12/04

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: MEWBOURNE OIL CO.
WELL/LEASE: ESPERANZA 19 FED. COM. 1
COUNTY: EDDY

048-0022

STATE OF NEW MEXICO
DEVIATION REPORT

429	1/2
930	1
1,434	3
1,688	2 3/4
1,943	2 3/4
2,200	2
2,455	1 1/4
2,743	1 1/4
2,999	1/2
3,254	1/2
3,761	1 1/4
3,952	1 1/4
4,205	1
4,749	3/4
5,324	3/4
5,834	1
6,343	3/4
7,043	3/4
7,555	3/4
8,065	1
8,575	1 1/4
9,085	1 1/4
9,597	1 1/2
10,104	1 3/4
10,608	1
10,924	1 1/4
11,432	1 1/2
11,670	1 1/2

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By: Steve Moore

STATE OF TEXAS

COUNTY OF MIDLAND

The foregoing instrument was acknowledged before me on this 3rd day of February, 2004, by Steve Moore on behalf of Patterson-UTI Drilling Company LP, LLLP.

My Commission Expires: 4/08/2007

Joni D. Hodges
Notary Public for Midland County, Texas

