

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

Oil Cons.

N.M. Div-Dist. 2

1301 W. Grand Avenue

Artesia NM 88210

FORM APPROVED
OMB NO. 1004-0137
Expires: January 31, 20045. Lease Serial No.
NM-17095

1a. Type of Well ☐ Oil Well ☒ Gas Well ☐ Dry Other
b. Type of Completion: ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.
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 1500' FSL & 1260' FEL Unit I

At top prod. interval reported below same

At total depth same

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6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No.

Esperanza 1 Federal Com #1

9. API Well No.

30-015-33169

10. Field and Pool, or Exploratory

Burton Flat Morrow

11. Sec., T., R., M., on Block and Survey
or Area Sec 1-T21S-R27E

12. County or Parish

Eddy County

13. State

NM

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

3192' GL

14. Date Spudded

01/19/04

15. Date T.D. Reached

03/01/04

16. Date Completed

☐ D&A☒ Ready to Prod.18. Total Depth: MD 11910'
TVD19. Plug Back T.D.: MD 11858'
TVD20. 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	442'		500 C	176	Surface	NA
12 1/4	8 5/8 J55	32	0	2630'		1600 C	512	Surface	NA
8 3/4	5 1/2 N80	17	0	11910'	8884'	1st 650-H	173		NA
						2nd 1200-H	252	4000'	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	10993'	10981'						

25. Producing Intervals

Formation	TOP	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Morrow	11530'	11538'	8'	0.24	32	open
B)						
C)						
D)						

26. Perforation Record

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

Depth Interval	Amount and Type of Material

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
03/13/04	03/15/04	24	→	12	1149	0	54	0.620	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	1600	0	→	12	1149	0	95750	Producing	

ACCEPTED FOR RECORD

Flowing

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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	
			→						

LES BABYAK
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	1160				
Delaware	2858				
Bone Spring	5474				
Wolfcamp	9022				
Strawn	10258				
Atoka	10726				
Morrow	11220				
Barnett	11678				
TD	11910				

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 MangerSignature  Date 04/13/04

Title 18 U.S.C. Section 1001 and Title 47 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 1 FED. COM. 1
COUNTY: EDDY

047-0025

STATE OF NEW MEXICO
DEVIATION REPORT

197	1/2	7,599	1 3/4
442	3/4	7,821	1 3/4
675	1/2	8,074	3/4
927	3/4	8,456	2 3/4
1,153	1 3/4	8,615	2 1/4
1,185	1 1/4	8,741	2 1/4
1,504	1	8,869	1 3/4
1,759	3/4	8,995	2
1,982	1	9,170	2 1/4
2,236	3/4	9,247	2 1/4
2,630	3/4	9,373	2 3/4
3,130	3/4	9,497	3
3,608	1	9,621	2 3/4
4,083	1 1/2	9,749	2
4,583	1 1/2	9,875	1
5,066	1 1/2	10,002	1 1/2
5,541	1 1/2	10,125	1 1/2
6,019	1 3/4	10,358	3/4
6,177	1 3/4	10,597	1 1/2
6,271	2	11,097	1
6,367	1 3/4	11,489	1 3/4
6,492	1 3/4	11,910	1 3/4
6,619	2 1/2		
6,779	2 1/2		
6,872	2 3/4		
7,000	2 3/4		
7,127	2 1/4		
7,221	2 1/4		
7,347	2		
7,472	2		

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By: Steve Moore

STATE OF TEXAS

COUNTY OF MIDLAND

The foregoing instrument was acknowledged before me on this 5th day of March, 2004, 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

