

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.
NMNM-001165

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.

Derringer 18 Federal #1

3. Address

PO Box 5270 Hobbs, NM 88240

3a. Phone No. (include area code)

505-393-5905

9. API Well No.

30-015-34362

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

At surface 660' FNL & 1980' FWL, Unit Letter C

At top prod. interval reported below Same

At total depth Same

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10. Field and Pool, or Exploratory

East Burton Flat Morrow 73320

11. Sec., T., R., M., on Block and Survey
or Area Sec 18-T20S-R29E

12. County or Parish

Eddy County

13. State

NM

14. Date Spudded

10/21/05

15. Date T.D. Reached

11/22/05

16. Date Completed

☐ D&A ☒ Ready to Prod.

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

3261' GL

18. Total Depth: MD 11735'
TVD

19. Plug Back T.D.: MD 11681'
TVD

20. Depth Bridge Plug Set: 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
26	20 K55	98	0	397'		600 C	189	Surface	NA
17 1/2	13 3/8 K55	54.5	0	1101'		1050 C	326	Surface	NA
12 1/4	9 5/8 K55	40	0	3112'		1330 H/C	407	Surface	NA
8 3/4	5 1/2 N80	17	0	11735'	DV 8002'	1st 1100 H	276	TOC 1956'	NA
						2nd 1400 H	462		

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"	11182'							

25. Producing Intervals

Formation	TOP	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Morrow	11590'	11602'	12'	0.24	48	Isolated
B) Morrow	11264'	11364'	12'	0.24	25	open
C)						
D)						

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

Depth Interval	Amount and Type of Material
11590' - 11602'	Acidized with 500 gals 7 1/2% NeFe. Frac with 22600 gals 40# 70Q Binary Foam with 7500# 18/40 Versaprop. PWOL for test. Set BP at 11540'
11264' - 11364'	Frac with 2000 gals 7 1/2% NeFe acid and 60,000 gals 40# 70Q Binary Foam with 60,280# 18/40 Versaprop down 2 7/8" tubing. PWOL.

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
12/10/05	12/12/05	24	→	0	87	0	NA	NA	Shut In
Choke Size	Tbg. Press. Flwg. SI	Csg. Press	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	
48/64	446	0	→	0	87	0	87000	Isolated	

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
12/23/05	12/31/05	24	→	0	777	9	NA	0.716	flowing
Choke Size	Tbg. Press. Flwg. SI	Call Press	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	
48/64	482	0	→	0	777	9	777000	open	

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

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.)

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
Top Salt	538				
Base Salt	715				
Yates	940				
Capitan	1164				
Delaware	3132				
Bone Spring	5590				
Wolfcamp	9272				
Canyon	9915				
Strawn	10248				
Atoka	10694				
Morrow	11036				
Barnett	11603				

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, Site Fac Diagram, Water Analysis, Wtr Sundry

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 Green

Title Hobbs Regulatory

Signature Kristi Green

Date 01/04/06

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 Derringer 18 Fed. 1
COUNTY Eddy, NM

041-0038

STATE OF NEW MEXICO
DEVIATION REPORT

237	1	7,467	3
626	3 3/4	7,560	3
750	3 1/4	7,655	2
851	3	7,811	2
941	3	7,966	3
1,287	1 1/4	8,061	3
1,541	1/2	8,315	4
1,787	1	8,411	3 1/4
2,036	1 1/4	8,564	2 1/4
2,331	1 1/4	8,630	2 3/4
2,747	1 3/4	8,788	2
3,375	1/2	8,945	1 1/4
3,621	3/4	9,102	1 3/4
3,901	1	9,352	1 1/2
4,183	1	9,729	2
4,434	1 1/4	9,949	1
4,682	1 1/4	10,352	1
4,931	1	10,789	1 1/4
5,211	1 1/4	11,031	1 3/4
5,460	1	11,426	3/4
5,585	1	11,735	3/4
5,740	1		
5,897	1		
6,055	3		
6,148	1		
6,242	3/4		
6,400	2		
6,494	1 3/4		
6,587	2 1/4		
6,679	1 1/4		
6,742	1 3/4		
6,900	2		
6,995	2		
7,120	1		
7,278	1 3/4		

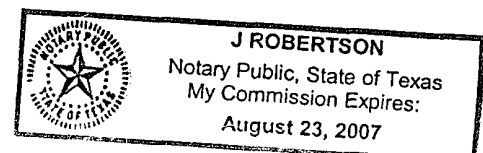
BY: 

STATE OF TEXAS
COUNTY OF MIDLAND

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

December 1, 2005, by Steve


Notary Public for Midland County, Texas
My Commission Expires: 8/23/07



Site Facility Diagram

Mewbourne Oil Company
Derringer "18" Federal # 1
API 30-015-34362
Lease # NMNM-001165
660' FNL & 1980' FWL
Sec 18-T20S-R29E
Eddy Co., NM

Site Security Plan at 701 S. Cecil Hobbs, NM 88240

During Production operations valve 1 is open and valve 2 is closed and sealed.
During hauling operations valve 1 is closed and valve 2 is open.

