

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

N.M. Oil Cons. DIV-Dist. 2

1301 W. Grand Avenue

Alamosa, NM 88210

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
NM-86542

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

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 1650' FSL & 1650' FWL Unit Letter K

At top prod. interval reported below same

At total depth same

RECEIVED

MAR 04 2005

OCD-ARTESIA

7. Unit or CA Agreement Name and No.

33405

8. Lease Name and Well No.

Dinero 20 Federal #3

9. API Well No.

30-015-33432 SI

10. Field and Pool, or Exploratory

Dublin Ranch Morrow 76140

11. Sec., T., R., M., on Block and Survey or Area

Sec 20-T22S-R28E

12. County or Parish

Eddy County

13. State

NM

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

3070' GL

14. Date Spudded

12/05/04

15. Date T.D. Reached

01/21/05

16. Date Completed

☐ D&A ☒ Ready to Prod.

18. Total Depth: MD 12650'
TVD

19. Plug Back T.D.: MD 12597'
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	500'		500 C	152	Surface	NA
12 1/4	9 5/8 K55	40	0	4490'		1700 C	553	Surface	NA
8 3/4	5 1/2 HC110	17	0	12650'	6260'	1st 1925 H	525		NA
						2nd 650 H	505	4230'	

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	11773'	11734'						

25. Producing Intervals

Formation	TOP	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Morrow	12258'	12266'	8'	0.24	32	open
B) Morrow	11900'	12188	62'	0.24	124	open
C)						
D)						

26. Perforation Record

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

Depth Interval	Amount and Type of Material
12258'-12266'	Acidized Morrow with 500 gals 7 1/2% NeFe acid and flushed with 2% KCl.
11900'-12188'	Frac with 1500 gals 7 1/2% NeFe and 50,000 gals 40# 70Q Binary Foam with 50,000 18/40 Versaprop.

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
02/08/05	02/23/05	24	→	0	496	7	NA	0.606	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	444	0	→	0	496	7	496000	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	
			→						

ACCEPTED FOR RECORD

MAR 2 2005

ALEXIS C. SWOBODA
PETROLEUM ENGINEER

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

Interval C

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.

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
Top Salt	990				
Limestone	2428				
Delaware	2480				
Cherry Canyon E	3556				
Bone Spring	5918				
Wolfcamp	9421				
Strawn	11022				
Atoka Shale	11244				
Atoka Carbonate	11372				
Morrow	11816				
Barnett	12504				

31. Formation (Log) Markers

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) Kristi Green

Title Hobbs Regulatory

Signature

Kristi Green

Date 02/28/05

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 COMPANY
WELL/LEASE DINERO 20 FEDERAL #3
COUNTY EDDY, NM

045-0022

STATE OF NEW MEXICO
DEVIATION REPORT

235	1 1/4	7,100	1/4
484	2	7,352	1 1/4
630	2	7,502	2
766	1 3/4	7,638	2
916	1 1/2	7,800	2
1,075	1 3/4	7,892	2
1,238	1 3/4	8,229	1 1/4
1,401	1	8,374	1
1,531	1	8,629	1 1/2
1,662	1 3/4	8,915	1 1/2
1,759	2	9,172	2 1/4
1,849	2	9,300	1 1/2
1,939	1 3/4	9,460	1 1/2
2,079	2	9,621	2
2,177	2 3/4	9,777	2
2,274	2	9,904	1 3/4
2,369	2	10,059	1 1/4
2,464	1 1/4	10,344	1 1/4
2,559	1 1/4	10,722	1 1/4
2,719	1	11,229	1/4
2,974	1	11,732	1/2
3,455	1/4	12,205	3/4
3,968	1/4	12,650	3/4
4,505	3/4		
4,957	3/4		
5,436	3/4		
5,880	1/2		
6,380	1/2		
6,904	1/4		

STATE OF TEXAS
COUNTY OF MIDLAND

BY: 

The foregoing instrument was acknowledged before me February 10, 2005, by Steve Moore on behalf of Patterson - UTI Drilling Company, LP, LLLP.


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



J ROBERTSON
Notary Public, State of Texas
My Commission Expires:
August 23, 2007