

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

1801 W. Grand Avenue

Artesia, NM 88210

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

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

6. 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 \_\_\_\_\_

## 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 &amp; 990' FEL Unit P

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.

Dinero 20 Federal #1

## 9. API Well No.

30-015-33222 S1

## 10. Field and Pool, or Exploratory

Dublin Ranch Morrow

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)\*

3065' GL

## 14. Date Spudded

03/17/04

## 15. Date T.D. Reached

04/22/04

## 16. Date Completed

☐ D&A☒ Ready to Prod.18. Total Depth: MD 12650'  
TVD19. Plug Back T.D.: MD 12567'  
TVD20. Depth Bridge Plug Set: MD NA  
TVD

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

DLL w/Micro, DN w/GR &amp; 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	507'		450 C	135	Surface	NA
12 1/4	9 5/8 K55	40	0	4537'		1800 C	605	Surface	NA
8 3/4	5 1/2 HC110	20	0	12650'	8620'	1075 H	277	8620'	NA
									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	11911'	11897'						

## 25. Producing Intervals

Formation	TOP	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Morrow	12410'	12420'	10'	0.24	40	open
B) Morrow	11997'	12196'	40'	0.24	54	Open
C)						
D)						

## 26. Perforation Record

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

Depth Interval	Amount and Type of Material
12410'-12420'	Acidized Morrow with 500 gals 7 1/2% NeFe acid with 20% methanol.
11997'-12196'	Frac Morrow w/2000 gals 7 1/2" NeFe HCl, 70,000 gals 70Q Binary carrying 70,000# 20/40 Interpop

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## 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
05/19/04	06/10/04	24	→	0	939	6		0.574	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	500	0	→	0	939	6	939000	Producing	

ACCEPTED FOR RECORD

## 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
Top Salt	1409				
Limestone	2544				
Delaware	2623				
Bone Spring	5962				
Wolfcamp	9450				
Strawn	11042				
Atoka Shale	11267				
Atoka Carbonate	11380				
Morrow	11977				
Barnett	12422				
TD	12650				

## 32. Additional remarks (include plugging procedure):

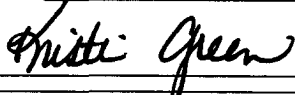
## 33. Circle enclosed attachments:

- ☒ 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 GreenTitle Hobbs Regulatory

Signature

Date 06/17/04

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: DINERO 20 FED 1  
COUNTY: EDDY

041-0023

**STATE OF NEW MEXICO  
DEVIATION REPORT**

507	2	5750	1 1/2
712	1 3/4	6220	1/4
929	2	6720	1/4
1050	1 1/4	7225	3/4
1177	2 1/4	7725	1
1363	2	8232	1 3/4
1457	1	8511	2 1/2
1546	3	8635	2 1/2
1611	3 1/2	8765	2 3/4
1646	3 3/4	8890	2 1/2
1706	3 3/4	9141	2 1/2
1765	4	9644	1
1828	3 3/4	10143	1
1922	3 3/4	10699	1
1985	4	11200	3/4
2111	4 3/4	11420	3/4
2171	4	11950	3/4
2232	4	12650	3/4
2262	3 1/2		
2450	1 1/2		
2700	1 1/4		
3228	1/2		
3672	1		
3700	1		
4190	1		
4770	1 1/4		
5250	1		

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By: 

STATE OF TEXAS  
COUNTY OF MIDLAND

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

  
Notary Public for Midland County, Texas

My Commission Expires: 8/23/2007

