

District I

1625 N. French Dr., Hobbs, NM 88240

District II

1301 W. Grand Avenue, Artesia, NM 88210

District III

1000 Rio Brazos Rd., Aztec, NM 87410

District IV

1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural ResourcesOil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

WELL API NO.

30-015-32718

5. Indicate Type of Lease

STATE ☒ FEE ☐

State Oil & Gas Lease No.

OG-6027

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well:

OIL WELL ☐ GAS WELL ☐ DRY ☐ OTHER ☐

b. Type of Completion:

NEW ☐ WORK ☐ DEEPEN ☐ PLUG ☐ DIFF. ☐
WELL OVER BACK RESVR. ☐ OTHER ☐

2. Name of Operator

Mewbourne Oil Company 14744

3. Address of Operator

PO Box 5270
Hobbs, NM 88240

Lease Name or Unit Agreement Name

Esperanza 15 State Com

Well No. #2

9. Pool name or Wildcat

Burton Flats Morrow

4. Well Location

Unit Letter B : 660 Feet From The North Line and 1980 Feet From The East Line

Section 15 Township 21S Range 27E NMPM Eddy County

10. Date Spudded
07/08/0311. Date T.D. Reached
08/11/0312. Date Compl. (Ready to Prod.)
08/30/0313. Elevations (DF& RKB, RT, GR, etc.)
3302'14. Elev. Casinghead
3302'15. Total Depth
11835'16. Plug Back T.D.
11775'17. If Multiple Compl. How Many
Zones?18. Intervals
Drilled ByRotary Tools
X

Cable Tools

19. Producing Interval(s), of this completion - Top, Bottom, Name

11567'-11634' - Morrow

Was Directional Survey Made No

21. Type Electric and Other Logs Run

DN with GR, DLL with Micro & CBL

22. Was Well Cored

No

23. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13 3/8"	48# H40	423'	17 1/2"	250 sks Lead & 200 sks 'C'	NA
8 3/8"	32#	2612'	12 1/4"	180 sks Lead & 1200 'C'	NA
5 1/2"	17#	11835'	7 7/8"	350 sks Lead & 400 sks 'H'	TOC @ 7374'

24.

LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

25. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2 7/8"	11213'	11193'

26. Perforation record (interval, size, and number)

11567'-11634' (74 holes, 2 SPF, 0.24" EHD, 6.5 GC, 21.4" Penetration & 120° Phasing)

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
11567'-11634'	Acidized w/2000 gals 7 1/2% Morrow acid
	Fracced Morrow w/30,500 gals 70Q Foam using 31000# 20/40 Sintered Bauxite

28

PRODUCTION

Date First Production 08/31/03		Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing			Well Status (Prod. or Shut-in) Producing		
Date of Test 09/11/03	Hours Tested 24 hours	Choke Size 48/64	Prod'n For Test Period	Oil - Bbl 2	Gas - MCF 641	Water - Bbl. 30	Gas - Oil Ratio 320500
Flow Tubing Press. 80	Casing Pressure 0	Calculated 24-Hour Rate	Oil - Bbl. 2	Gas - MCF 641	Water - Bbl. 30	Oil Gravity - API - (Corr.) 55	

29. Disposition of Gas (Sold, used for fuel, vented, etc.)
SoldTest Witnessed By
L Pounds

30. List Attachments

Deviation Survey, E-logs & C-104

31. I hereby certify that the information shown on both sides of this form as true and complete to the best of my knowledge and belief

Signature

Printed

Name NM Young

Title District Manger

Date 9/10/03

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 25 through 29 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

T. Anhy	T. Canyon
T. Salt	T. Strawn
B. Salt	T. Atoka 10714
T. Yates	T. Miss
T. 7 Rivers	T. Devonian
T. Queen	T. Silurian
T. Grayburg	T. Montoya
T. San Andres	T. Simpson
T. Glorieta	T. McKee
T. Paddock	T. Ellenburger
T. Blinebry	T. Gr. Wash
T. Tubb	T. Delaware Sand 2718
T. Drinkard	T. Bone Springs 5292
T. Abo	T. Morrow 11279
T. Wolfcamp 8886	T. Barnett 11676
T. Penn	T.
T. Cisco (Bough C)	T.

Northwestern New Mexico

T. Ojo Alamo	T. Penn. "B"
T. Kirtland-Fruitland	T. Penn. "C"
T. Pictured Cliffs	T. Penn. "D"
T. Cliff House	T. Leadville
T. Menefee	T. Madison
T. Point Lookout	T. Elbert
T. Mancos	T. McCracken
T. Gallup	T. Ignacio Otzte
Base Greenhorn	T. Granite
T. Dakota	T.
T. Morrison	T.
T. Todilto	T.
T. Entrada	T.
T. Wingate	T.
T. Chinle	T.
T. Permian	T.
T. Penn "A"	T.

OIL OR GAS SANDS OR ZONES

No. 1, from.....to.....

No. 3, from.....to.....

No. 2, from.....to.....

No. 4, from.....to.....

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from.....to.....feet.....

No. 2, from.....to.....feet.....

No. 3, from.....to.....feet.....

LITHOLOGY RECORD (Attach additional sheet if necessary)

To	Thickness In Feet	Lithology	From	To	Thickness In Feet	Lithology
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OPERATOR: MEWBOURNE OIL CO.
WELL/LEASE: ESPERANZA 15 ST. COM. 2
COUNTY: EDDY

047-0020

STATE OF NEW MEXICO
DEVIATION REPORT

230	3/4	7,663	1 1/4
423	1/2	7,918	1 3/4
649	1/4	8,138	2 1/2
902	3/4	8,265	2 1/4
1,156	3/4	8,393	2 1/2
1,411	1/4	8,519	2 1/2
1,911	1	8,647	2 1/4
2,397	3/4	8,773	2 1/4
2,612	3/4	8,898	2 1/4
3,102	1/2	9,025	1 3/4
3,602	2 3/4	9,153	2
3,731	3/4	9,281	2 1/4
3,795	3/4	9,408	2 3/4
3,858	1/2	9,534	2 1/4
4,110	3/4	9,661	2 1/2
4,610	1 1/4	9,780	1 3/4
5,110	1 1/2	9,883	1 3/4
5,370	2	10,135	1
5,528	1 1/2	10,389	1 1/4
5,836	2 1/4	10,832	1 1/2
5,975	2 3/4	11,313	1 1/2
6,104	3	11,590	1 1/4
6,196	3 1/2	11,835	2
6,324	2 3/4		
6,453	2 1/4		
6,582	3		
6,706	2 1/2		
6,835	2 3/4		
6,964	2 1/4		
7,123	2		
7,248	1 3/4		
7,377	1 3/4		
7,505	1 1/2		



By: *Steve Moore*

STATE OF TEXAS

COUNTY OF MIDLAND

The foregoing instrument was acknowledged before me on this 21st day of August, 2003, 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

