

District I

1625 N. Francis Dr., Hobbs, NM 88240

District II

1301 W Grand Avenue, Artesia, NM 88210

District III

1000 Rio Brázos Rd., Aztec, NM 87410

District IV

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



Oil Conservation Division

1220 South St. Francis Dr.

Santa Fe, NM 87505

WELL API NO.

30-015-35661

5. Indicate Type of Lease

STATE ☒ FEE ☐

State Oil & Gas Lease No

V4410-2

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

OCT 04 2007

OCD-ARTESIA

7. Lease Name or Unit Agreement Name

Hackberry Hills 31 State

8. Well No.

#1 Y

9. Pool name or Wildcat

Avalon - Morrow (gas) 70920

4. Well Location

Unit Letter _____ P _____ 710 _____ Feet From The _____ South _____ Line and _____ 660 _____ Feet From The _____ East _____ Line

Section

31

Township

21S

Range

26E

NMPM

Eddy

County

10. Date Spud 07/19/07 Date T D Reached 08/26/07 12. Date Compl. (Ready to Prod.) 09/14/07 13. Elevations (DF& RKB, RT, GR, etc.) 3327' GL 14. Elev. Casinghead 3327' GL

15. Total Depth

11300'

16. Plug Back T.D.

11203'

17. If Multiple Compl. How Many

Zones?

18. Intervals

Drilled By

Rotary Tools

X

Cable Tools

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

10786' - 10940' Morrow

20. Was Directional Survey Made

No

21. Type Electric and Other Logs Run

GR / CCL / CBL

21. 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
20"	94#	405'	26"	700	Surface
9 5/8"	40#	2062'	12 1/4"	1430	Surface
4 1/2"	11.6#	11300'	8 3/4"	2400	TOC @ 1765'

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

25. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
N/A	N/A'	N/A'

26 Perforation record (interval, size, and number)

Morrow: 10786' - 10940' (64', 128 holes, 0.38" EHD and 120° Phasing)

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

DEPTH INTERVAL

10786' - 10940'

AMOUNT AND KIND MATERIAL USED

Acidized with 500 gals 7 1/2% NeFe HCl acid

28. PRODUCTION

Date First Production

09/14/07

Production Method (Flowing, gas lift, pumping - Size and type pump

Flowing)

Flowing

Well Status (Prod. or Shut-in)

Producing

Date of Test

09/22/07

Hours Tested

24

Choke Size

48/64

Prod'n For

Test Period

Oil - Bbl

0

Gas - MCF

823

Water - Bbl.

3

Gas - Oil Ratio

823,000

Flow TP

530#

Casing Pressure

0#

Calculated 24-

Hour Rate

Oil - Bbl.

0

Gas - MCF

823

Water - Bbl.

3

Oil Gravity - API - (Corr.)

57.5

29. Disposition of Gas (Sold, used for fuel, vented, etc.)

Sold

Test Witnessed By

Levi Jackson

30. List Attachments

C104, Logs, Deviation Survey

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

Printed Name: Kristi Green

Signature

Title Hobbs Regulatory

Date

10/03/07

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		Northwestern New Mexico	
C. Reef 500	T. Canyon 9496	T. Ojo Alamo	T. Penn. "B"
T. Salt	T. Strawn 9694	T. Kirtland-Fruitland	T. Penn. "C"
B. Salt	T. Atoka 10222	T. Pictured Cliffs	T. Penn. "D"
Delaware 2346	T. Miss	T. Cliff House	T. Leadville
San Andres	T. Devonian	T. Menefee	T. Madison
T. Queen	T. Silurian	T. Point Lookout	T. Elbert
T. Grayburg	T. Montoya	T. Mancos	T. McCracken
T. Ruster	T. Simpson	T. Gallup	T. Ignacio Otzte
T. Yates	T. McKee	Base Greenhorn	T. Granite
T. Paddock	T. Ellenburger	T. Dakota	T.
T. Blinberry	Miss Lime	T. Morrison	T.
T. Tubb	T. Chester	T. Todilto	T.
T. Drinkard	T. Bone Springs 4508	T. Entrada	T.
T. Abo	T. Morrow 10557	T. Wingate	T.
T. Wolfcamp 8327	T. Barnett 11092	T. Chinle	T.
T. Penn	T.	T. Permian	T.
T. Cisco (Bough C) 9390	T.	T. Penn "A"	T.

OIL OR GAS SANDS OR ZONES

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

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

No. 3, 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)

From	To	Thickness In Feet	Lithology

From	To	Thickness In Feet	Lithology

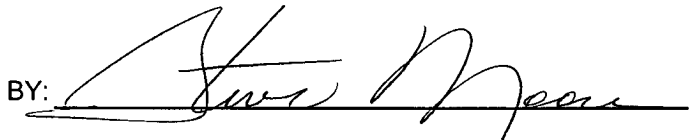
OPERATOR MEWBOURNE OIL CO.
WELL/LEASE HACKBERRY HILLS 31 ST. 1Y
COUNTY EDDY

045-0043

STATE OF NEW MEXICO
DEVIATION REPORT

216	0.50	8,242	1.25
366	0.75	8,399	1.75
530	1.00	8,549	2.50
813	0.50	8,652	2.00
1,159	0.50	8,778	2.25
1,659	0.50	8,936	1.50
2,062	1.00	9,062	1.50
2,501	1.00	9,188	1.75
2,817	1.00	9,282	1.50
3,102	1.00	9,409	1.75
3,417	1.00	9,536	2.00
3,731	1.00	9,662	1.75
4,111	1.00	9,820	1.50
4,426	0.50	9,978	1.25
4,742	1.00	10,230	1.25
5,028	1.00	10,356	1.50
5,498	2.00	10,672	1.25
5,561	2.25	10,982	2.00
5,720	2.00	11,290	1.25
5,845	1.75		
6,001	1.25		
6,284	1.00		
6,448	0.50		
6,695	1.00		
6,949	1.00		
7,138	1.25		
7,327	1.50		
7,548	2.00		
7,674	1.75		
7,832	1.75		
8,116	1.50		

BY:

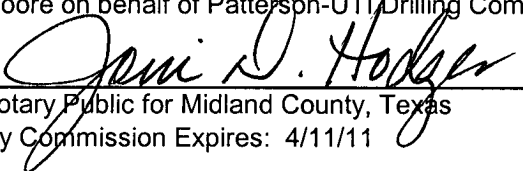


STATE OF TEXAS

COUNTY OF MIDLAND

The foregoing instrument was acknowledged before me on
Moore on behalf of Patterson-UTL Drilling Company LLC.

August 31, 2007, by Steve


Notary Public for Midland County, Texas
My Commission Expires: 4/11/11

