

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

Oil Conservation Division
 1220 South St. Francis Dr.
 Santa Fe, NM 87505



WELL API NO.
 30-015-35408

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 _____

7. Lease Name or Unit Agreement Name
 Hackberry Hills 31 State

2. Name of Operator
 Mewbourne Oil Company 14744

OCT 17 2008

8. Well No.
 #2

3. Address of Operator
 PO Box 5270
 Hobbs, NM 88241

OCD-ARTESIA

9. Pool name or Wildcat
 Avalon Morrow 70920

4 Well Location
 Unit Letter N ; 780 Feet From The South Line and 1830 Feet From The West Line

Section 31 Township 21S Range 26E NMPM Eddy County

10. Date Spud 07/31/08	Date T.D Reached 09/11/08	12. Date Compl. (Ready to Prod.) 10/08/08	13. Elevations (DF& RKB, RT, GR, etc.) 3386' GL	14. Elev. Casinghead 3386' GL
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15. Total Depth 11110'	16. Plug Back T.D. 10970'	17. If Multiple Compl. How Many Zones? 	18 Intervals Drilled By 	Rotary Tools X	Cable Tools
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19. Producing Interval(s), of this completion / Top, Bottom, Name
 10752' - 10912' Morrow

20. Was Directional Survey Made
 No

21. Type Electric and Other Logs Run
 CNL, DLL, 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"	98#	502	26"	1600	Surface
9 3/8"	40#	2214'	12 1/4"	980	Surface
4 1/2"	11.6#	11110'	8 3/4"	2100	TOC @ 900'

24. LINER RECORD				25. TUBING RECORD			
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET

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

Morrow 11018' - 11030' (12', 24 holes, 2 SPF, 0.38" EHD and 120° Phasing)

Morrow 10752' - 10912' (55', 110 holes, 2 SPF, 0.38" EHD and 120° Phasing)

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
11018' to 11030'	3000 gals 7 1/2% HCl. CIBP @ 10990'. 20' cmt.
10752' to 10912	Frac with 2000 gals 7 1/2% NeFe acid & 64500 gals 40# 70Q Bmary foam w/70400# 20/40 Sinter ball.

28. PRODUCTION

Date First Production 10/08/08	Production Method (<i>Flowing, gas lift, pumping - Size and type pump</i>) <i>Flowing</i> Flowing	Well Status (<i>Prod. or Shut-in</i>) Producing
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Date of Test 10/09/08	Hours Tested 24	Choke Size NA	Prod'n For Test Period 	Oil - Bbl 1	Gas - MCF 555	Water - Bbl. 18	Gas - Oil Ratio 555000
Flow TP NA	Casing Pressure 550	Calculated 24-Hour Rate 	Oil - Bbl. 1	Gas - MCF 555	Water - Bbl. 18	Oil Gravity - API - (<i>Corr.</i>) 52	

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

Test Witnessed By
 John Capps

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: Jackie Lathan

Signature: *Jackie Lathan* Title: Hobbs Regulatory Date: 10/16/08

Accepted for record - NMOCD

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	
Capitan <u>502</u>	T. Canyon <u>9494</u>	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt _____	T. Strawn <u>9670</u>	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt _____	T. Atoka <u>10194</u>	T. Pictured Cliffs _____	T. Penn. "D" _____
Delaware <u>2364</u>	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. Blinebry _____	Miss Lime _____	T. Morrison _____	T. _____
T. Tubb _____	T. Chester _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Bone Springs <u>4500</u>	T. Entrada _____	T. _____
T. Abo _____	T. Morrow <u>10532</u>	T. Wingate _____	T. _____
T. Wolfcamp <u>8220</u>	T. Barnett <u>11064</u>	T. Chinle _____	T. _____
T. Cisco <u>9380</u>	T. TD <u>11110</u>	T. Permian _____	T. _____
T. Penrose _____	T. LTD <u>11116</u>	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 COMPANY
 WELL/LEASE HACKBERRY HILLS 31 ST. 2
 COUNTY EDDY RIG 47

STATE OF NEW MEXICO
 DEVIATION REPORT

245	1.00	10,107	2.00
582	3.00	10,266	2.00
1,039	4.00	10,646	2.50
1,471	3.75	10,900	2.25
1,808	3.75	11,010	2.25
2,445	1.25		
3,395	1.00		
3,901	1.00		
4,345	0.50		
4,696	1.00		
5,106	1.00		
5,520	1.00		
5,998	1.00		
6,376	1.00		
6,854	1.00		
7,076	1.00		
7,520	1.00		
7,742	2.50		
7,837	2.25		
7,964	2.00		
8,184	1.75		
8,440	1.75		
8,901	2.00		
9,187	2.75		
9,282	2.75		
9,376	3.00		
9,470	3.00		
9,568	3.00		
9,661	3.00		
9,758	2.75		
9,851	2.75		
9,949	2.75		

BY: *Steve Moore*

STATE OF TEXAS
 COUNTY OF MIDLAND

RECEIVED
 SEP 29 2008
 SEPTEMBER 25, 2008 by Steve

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

Joni D. Hodges
 Notary Public for Midland County, Texas
 My Commission Expires: 4/11/11

NOTARY PUBLIC
 STATE OF TEXAS
 JONI D. HODGES
 Notary Public
 My Commission
 Expires 04/11/2011