

State of New Mexico
Energy, Minerals and Natural Resources

Form C-105
Revised June 10, 2003

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

WELL API NO.
30-015-33771

5. Indicate Type of Lease

STATE ☒ FEE ☐

State Oil & Gas Lease No.
B-6846-1

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

Empire 18 State

RECEIVED

APR 18 2005

COB-ARTESIA

2. Name of Operator
Mewbourne Oil Company 14744

8. Well No.
8

3. Address of Operator
PO Box 5270
Hobbs, NM 88240

9. Pool name or Wildcat

4. Well Location

Unit Letter J : 2310 Feet From The South Line and 2130 Feet From The East Line

Section 18 Township 17S Range 29E NMPM Eddy County

10. Date Spud 03/18/05 11. Date T.D. Reached 03/26/05 12. Date Compl. (Ready to Prod.) 04/09/05 13. Elevations (DF& RKB, RT, GR, etc.) 3634' GL 14. Elev. Casinghead 3634' GL

15. Total Depth 4500' 16. Plug Back T.D. 4455' 17. If Multiple Compl. How Many Zones? NA 18. Intervals Drilled By Rotary Tools Yes Cable Tools

19. Producing Interval(s), of this completion - Top, Bottom, Name 3880'-4126' 20. Was Directional Survey Made No

21. Type Electric and Other Logs Run DN w/GR & 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 surface
8 3/4"	32#	415'	12 1/4"	352	
4 1/2"	10.5#	4500'	7 7/8"	1250	TOC @ 50'

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

25. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2 3/8"	4189'	NA

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

3880'-4126' (122', 90 holes, 1 SPF, 0.41" EHD, 120° Phasing)

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

DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED

3880'-4126' Acidized with 40,000 gals 20% NeFe acid and 60,000 gals 40# gelled FW. Pumped 5000 gals NeFe HCL cool down acid. Flushed with 100 bbls FW.

28. PRODUCTION

Date First Production	Production Method (Flowing, gas lift, pumping - Size and type pump)	Well Status (Prod. or Shut-in)
04/09/05	Pumping 2" x 1 1/4" x THBC Pump	Producing

Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
04/11/05	24	NA	24 hrs	17	55	588	3235

Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl	Oil Gravity - API - (Corr)
NA	NA		17	55	588	37.3

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

Sold

Test Witnessed By
Cody Owens

30. List Attachments
Deviation Survey and C104

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 *Kristi Green*

Printed Name Kristi Green

Title Hobbs Regulatory

Date 04/12/05

E-mail Address kgreen@mewbourne.com

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	
T. Anhy	T. Canyon	T. Ojo Alamo	T. Penn. "B"
T.Salt	T. Strawn	T. Kirtland-Fruitland	T. Penn. "C"
Yates 844	T. Atoka	T. Pictured Cliffs	T. Penn. "D"
T. Seven Rivers 1102	T. Miss	T. Cliff House	T. Leadville
T. Queen 1676	T. Devonian	T. Menefee	T. Madison
T. Penrose 1907	T. Silurian	T. Point Lookout	T. Elbert
T. Grayburg 2071	T. Montoya	T. Mancos	T. McCracken
T. San Andres 2380	T. Simpson	T. Gallup	T. Ignacio Otzte
T. Glorieta 3810	T. McKee	Base Greenhorn	T. Granite
T. Yeso 3910	T. Ellenburger	T. Dakota	T.
T. Blinebry	T. Gr. Wash	T. Morrison	T.
T.Tubb	T. Delaware Sand	T.Todilto	T.
T. Drinkard	T. Bone Springs	T. Entrada	T.
T. Abo	T. Morrow	T. Wingate	T.
T. Wolfcamp	T. Barnett	T. Chinle	T.
T. Penn	T. Chester	T. Permian	T.
T. Cisco (Bough C)	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

OPERATOR: Mewbourne Oil Company
WELL/LEASE: Empire #18, State #8
COUNTY: Eddy County, NM

STATE OF NEW MEXICO**DEVIATION REPORT**

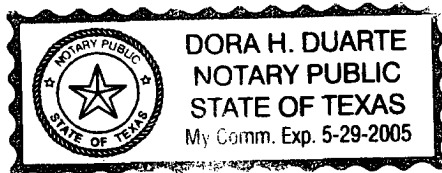
<u>Depth</u>	<u>Deviation</u>
205	1/4
415	1/4
915	1/4
1382	1/4
1878	1/4
2378	1/2
2877	3/4
3347	1
3840	1
4341	3/4

By: _____

M. Leroy Peterson

The foregoing instrument was acknowledged before me on this 30th day of March, 2005 by M. Leroy Peterson, Executive Vice-President of Patriot Drilling, LLC.

My Commission Expires: 5/29/2005

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Notary Public for Midland County, Texas