

Submit To Appropriate District Office
State Lease - 6 copies
Fee Lease - 5 copies
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 Resources

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

Form C-105
Revised March 25, 1999

WELL API NO.
30-015-34104

5. Indicate Type of Lease
STATE ☐ FEE ☒

State Oil & Gas Lease No

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

7. Lease Name or Unit Agreement Name

Pine Box 21 Federal Com

8. Well No.

#1

RECEIVED

JAN 09 2006

9. Pool name or Wildcat

Cemetery Morrow 74640

4. Well Location

Unit Letter D, 1310 Feet From The North Line and 1310 Feet From The West Line

Section 21 Township 20S Range 25E NMPM Eddy County

10. Date Spud 11/08/05	Date T.D Reached 12/01/05	12. Date Compl. (Ready to Prod.) 12/16/05	13. Elevations (DF& RKB, RT, GR, etc.) 3477' GL	14. Elev. Casinghead 3477' GL
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15. Total Depth 9735'	16. Plug Back T.D. 9634'	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
9360' - 9502' Morrow

20. Was Directional Survey Made
No

21. Type Electric and Other Logs Run
GR / CBL / CNL / DLL

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
9 5/8"	40#	1186'	14 3/4"	1230	Surface
4 1/2"	11.6#	9734'	8 3/4"	2050	TOC @ 84'

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

25. TUBING RECORD

SIZE	DEPTH SET	PACKER SET

26. Perforation record (interval, size, and number)
9360' - 9502' (44', 95 holes, 2 SPF, 0.41" EHD and 120° Phasing)

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
9360' - 9502'	Frac with 3000 gals 7 1/2% NeFe ahead of 93,500 gals 70Q 40# Binary foam with 99,960# 18/40 Versaprop

28. PRODUCTION

Date First Production 12/16/05		Production Method (Flowing, gas lift, pumping - Size and type pump Flowing) Flowing			Well Status (Prod. or Shut-in) Producing		
Date of Test 12/17/05	Hours Tested 24	Choke Size 18/64	Prod'n For Test Period	Oil - Bbl 1	Gas - MCF 1647	Water - Bbl. 7	Gas - Oil Ratio 1647000
Flow TP NA	Casing Pressure 1600#	Calculated 24- Hour Rate	Oil - Bbl. 1	Gas - MCF 1647	Water - Bbl. 7	Oil Gravity - API - (Corr.) 52	

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

Test Witnessed By
Robin Terrell

30. List Attachments
C104, Logs, Site Security, Deviation Survey and water disposal

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

Kristi Green

Title Hobbs Regulatory

Date 01/04/06

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

C. Reef		T. Canyon	7646
T. Salt		T. Strawn	8180
B. Salt		T. Atoka	8994
Delaware		T. Miss	
San Andres	808	T. Devonian	
T. Glorietta	2440	T. Silurian	
T. Grayburg		T. Montoya	
T. Ruster		T. Simpson	
T. Yates		T. McKee	
T. Paddock		T. Ellenburger	
T. Blinebry		T. Gr. Wash	
T. Tubb		T. Chester	
T. Drinkard		T. Bone Springs	3477
T. Abo		T. Morrow	9226
T. Wolfcamp	6572	T. Barnett	9585
T. Penn		T. TD	9735
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)

From	To	Thickness In Feet	Lithology

From	To	Thickness In Feet	Lithology

OPERATOR Mewbourne Oil Company
WELL/LEASE Pine Box 21 Fed. Com. 1
COUNTY Eddy, NM

048-0037

STATE OF NEW MEXICO
DEVIATION REPORT

227	1 1/2	6,098	2
344	3/4	6,225	2 1/4
607	1/4	6,350	2
859	3/4	6,477	2 1/4
1,139	3/4	6,606	1 3/4
1,363	3/4	6,731	2
1,874	1 3/4	6,858	2 1/4
2,001	1 3/4	6,987	1 1/4
2,158	1 1/2	7,112	1 1/2
2,349	1	7,239	1 3/4
2,606	1	7,365	1 3/4
2,891	1 1/2	7,494	1 3/4
3,047	1	7,651	2
3,304	2	7,778	1 1/2
3,431	1 3/4	7,907	1 3/4
3,555	1 1/2	8,032	1 1/4
3,653	1	8,190	3/4
3,907	1 3/4	8,318	1 1/2
4,034	1 1/2	8,477	1 1/2
4,190	1 1/2	8,666	1 1/2
4,446	2 3/4	8,921	1
4,510	3 1/4	9,307	1 1/2
4,573	2 3/4	9,750	2
4,637	3 1/4		
4,732	3		
4,827	3		
4,955	2 3/4		
5,080	3		
5,176	3		
5,304	3		
5,429	3		
5,557	2 3/4		
5,621	3		
5,717	2 3/4		
5,810	2		
5,937	1 3/4		

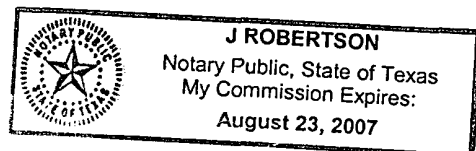
BY: Steve Moore

STATE OF TEXAS
COUNTY OF MIDLAND

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

December 28, 2005, by Steve

J Robertson
Notary Public for Midland County, Texas
My Commission Expires: 8/23/07





Water Analysis

Date: 06-Jan-06

2708 West County Road, Hobbs NM 88240

Phone (505) 392-5556 Fax (505) 392-7307

Analyzed For

Company	Well Name	County	State
Mewbourne6/2006	Pine Box 21	Lea	New Mexico

Sample Source Swab Sample Sample # 1

Formation Depth

Specific Gravity	1.025	SG @ 60 °F	1.025
pH	6.35	Sulfides	Absent
Temperature (°F)	58	Reducing Agents	

Cations

Sodium (Calc)	in Mg/L	9,175	in PPM	8,955
Calcium	in Mg/L	2,800	in PPM	2,733
Magnesium	in Mg/L	1,680	in PPM	1,640
Soluble Iron (FE2)	in Mg/L	500.0	in PPM	488

Anions

Chlorides	in Mg/L	24,000	in PPM	23,424
Sulfates	in Mg/L	250	in PPM	244
Bicarbonates	in Mg/L	717	in PPM	700
Total Hardness (as CaCO3)	in Mg/L	14,000	in PPM	13,664
Total Dissolved Solids (Calc)	in Mg/L	39,123	in PPM	38,184
Equivalent NaCl Concentration	in Mg/L	38,565	in PPM	37,640

Scaling Tendencies

*Calcium Carbonate Index 2,008,608

Below 500,000 Remote / 500,000 - 1,000,000 Possible / Above 1,000,000 Probable

*Calcium Sulfate (Gyp) Index 700,000

Below 500,000 Remote / 500,000 - 10,000,000 Possible / Above 10,000,000 Probable

*This Calculation is only an approximation and is only valid before treatment of a well or several weeks after treatment.

Remarks rw=.19@58f

Report # 2057

Site Facility Diagram

Mewbourne Oil Company
Pine Box "21" Federal Com # 1
API 30-015-34164
1310' FNL & 1310' FWL
Sec 21-T20S-R25E
Eddy Co., NM

Site Security Plan at 701 S. Cecil Hobbs, NM 88240

During Production operations valve 1 is open and valve 2 is closed and sealed.
During hauling operations valve 1 is closed and valve 2 is open.

