

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires: January 31, 2004

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

N.M. Oil Cons. Div-Dist. 2
1301 W. Grand Avenue
Alamogordo, NM 88210

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Mewbourne Oil Company 14744

3a. Address

PO Box 5270 Hobbs, NM 88240

3b. Phone No. (include area code)

505-393-5905

4. Location of Well (Footage, Sec., T, R., M., or Survey Description)

990' FSL & 1650' FEL Unit O Sec 5-T21S-R29E

5. Lease Serial No.

NM-029588

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

Quahada Ridge 5 Federal #1

9. API Well No.

30-015-34291

10. Field and Pool, or Exploratory Area

Golden Lane Morrow

11. County or Parish, State

Eddy County, NM

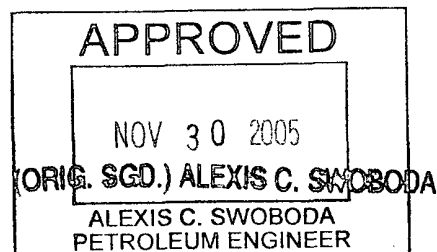
12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

| TYPE OF SUBMISSION | TYPE OF ACTION | | | |
|---|---|---|--|---|
| <input type="checkbox"/> Notice of Intent | <input type="checkbox"/> Acidize | <input type="checkbox"/> Deepen | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off |
| <input checked="" type="checkbox"/> Subsequent Report | <input type="checkbox"/> Alter Casing | <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Reclamation | <input type="checkbox"/> Well Integrity |
| <input type="checkbox"/> Final Abandonment Notice | <input type="checkbox"/> Casing Repair | <input type="checkbox"/> New Construction | <input type="checkbox"/> Recomplete | <input checked="" type="checkbox"/> Other <u>Water Disposal</u> |
| | <input type="checkbox"/> Change Plans | <input type="checkbox"/> Plug and Abandon | <input type="checkbox"/> Temporarily Abandon | |
| | <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Plug Back | <input type="checkbox"/> Water Disposal | |

3. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Water is produced from the Morrow formation at approx 1 BPD. The water is stored on lease in a water tank. The water is trucked from the lease by Mesquite Water Disposal to the Big Eddy Federal 100 WDW (permit #SWD461) located in Unit L, Sec 8-T21S-R28E. Attached is the latest water analysis.

APPROVAL SUBJECT TO
GENERAL REQUIREMENTS AND
SPECIAL STIPULATIONS ATTACHED



14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed)

Kristi Green

Title Hobbs Regulatory

Signature

Kristi Green

Date 11/21/05

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by (Signature)

Name
(Printed/Typed)

Title NMOCD

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Accepted for record

Date

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Continued on next page)



Water Analysis

Date: 15-Nov-05

2708 West County Road, Hobbs NM 88240

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

Analyzed For

| Company | Well Name | County | State |
|-----------|------------------------|--------|------------|
| Mewbourne | Quahada Ridge 5 Fed. 1 | Lea | New Mexico |

Sample Source Swab Sample **Sample #** 1

Formation **Depth**

| | | | |
|------------------|-------|-----------------|--------|
| Specific Gravity | 1.065 | SG @ 60 °F | 1.066 |
| pH | 6.85 | Sulfides | Absent |
| Temperature (°F) | 67 | Reducing Agents | |

Cations

| | | | | |
|--------------------|---------|--------|--------|--------|
| Sodium (Calc) | in Mg/L | 32,090 | in PPM | 30,092 |
| Calcium | in Mg/L | 1,160 | in PPM | 1,088 |
| Magnesium | in Mg/L | 96 | in PPM | 90 |
| Soluble Iron (FE2) | in Mg/L | 250.0 | in PPM | 234 |

Anions

| | | | | |
|-------------------------------|---------|--------|--------|--------|
| Chlorides | in Mg/L | 50,000 | in PPM | 46,887 |
| Sulfates | in Mg/L | 1,275 | in PPM | 1,196 |
| Bicarbonates | in Mg/L | 1,659 | in PPM | 1,556 |
| Total Hardness (as CaCO3) | in Mg/L | 3,300 | in PPM | 3,095 |
| Total Dissolved Solids (Calc) | in Mg/L | 86,531 | in PPM | 81,143 |
| Equivalent NaCl Concentration | in Mg/L | 79,210 | in PPM | 74,278 |

Scaling Tendencies

*Calcium Carbonate Index 1,924,672

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

*Calcium Sulfate (Gyp) Index 1,479,000

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 RV= .09@67f

Report # 2035

OPERATOR MEWBOURNE OIL CO.
WELL/LEASE QUAHADA RIDGE 5 FED. 1
COUNTY EDDY, NM

047-0038

STATE OF NEW MEXICO
DEVIATION REPORT

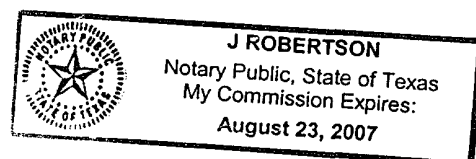
| | | | |
|-------|-------|--------|-------|
| 158 | 2 | 8,360 | 3/4 |
| 671 | 2 | 8,674 | 3/4 |
| 1,021 | 5 | 8,987 | 1 |
| 1,075 | 5 | 9,268 | 2 |
| 1,141 | 5 | 9,392 | 2 3/4 |
| 1,205 | 5 | 9,487 | 3 |
| 1,268 | 4 | 9,581 | 2 3/4 |
| 1,331 | 4 | 9,676 | 2 1/2 |
| 1,425 | 3 1/4 | 9,768 | 2 3/4 |
| 1,521 | 2 1/4 | 9,864 | 2 1/4 |
| 1,615 | 1 3/4 | 10,114 | 2 1/4 |
| 1,677 | 1 3/4 | 10,297 | 1 1/2 |
| 1,773 | 1 1/2 | 10,455 | 1 3/4 |
| 1,956 | 1 | 10,609 | 1 1/2 |
| 2,045 | 1 1/4 | 10,827 | 1 1/4 |
| 2,165 | 3/4 | 11,140 | 1 1/4 |
| 2,465 | 1/4 | 11,452 | 1 1/4 |
| 2,963 | 1/4 | 11,767 | 1 |
| 3,213 | 3/4 | 12,034 | 1 1/2 |
| 3,395 | 3/4 | 12,457 | 1 1/4 |
| 3,765 | 1/2 | 12,820 | 1 1/4 |
| 4,370 | 3/4 | | |
| 5,577 | 1/4 | | |
| 5,863 | 1/2 | | |
| 6,149 | 1 | | |
| 6,436 | 3/4 | | |
| 6,750 | 1/2 | | |
| 7,036 | 1/4 | | |
| 7,385 | 1 1/2 | | |
| 7,735 | 1/2 | | |
| 8,051 | 3/4 | | |

BY: 

STATE OF TEXAS
COUNTY OF MIDLAND

The foregoing instrument was acknowledged before me on November 10, 2005, by Steve Moore on behalf of Patterson - UTI Drilling Company, LP, LLLP.


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



Site Facility Diagram

Mewbourne Oil Company
Quahada Ridge "5" Fed. # 1
API 30-015-34291
Lease # NM 029588
990' FSL & 1650' FEL
Sec 5-T21S-R29E
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.

