

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.

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)
1460' FSL & 990' FEL, Sec 31-T19S-R29E Unit Letter I

5. Lease Serial No.

NMNM-13237

6. If Indian, Allottee or Tribe Name

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

34199

8. Well Name and No.

Ruger 31 Federal #2

9. API Well No.

30-015-33904

10. Field and Pool, or Exploratory Area

Burton Flat East Morrow 73320

11. County or Parish, State

Eddy, 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 and production</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 28 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.

**SEE ATTACHED FOR
CONDITIONS OF APPROVAL**

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

Kristi Green

Title Hobbs Regulatory Asst

Signature

Kristi Green

Date 08/30/05

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by (Signature)

(ORIG. SGD.) ALEXIS C. SWOBODA

Name
(Printed/Typed)

PETROLEUM ENGINEER

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

RFO

Date

SEP 01 2005

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: 29-Aug-05

2708 West County Road, Hobbs NM 88240

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

Analyzed For

Company	Well Name	County	State
Mewbourne	Rugar 31 # 2	Lea	New Mexico

Sample Source Swab Sample **Sample #** 1

Formation **Depth**

Specific Gravity	1.025	SG @ 60 °F	1.029
pH	6.44	Sulfides	Absent
Temperature (°F)	82	Reducing Agents	

Cations

Sodium (Calc)	in Mg/L	12,701	in PPM	12,338
Calcium	in Mg/L	4,000	in PPM	3,886
Magnesium	in Mg/L	720	in PPM	699
Soluable Iron (FE2)	in Mg/L	200.0	in PPM	194

Anions

Chlorides	in Mg/L	28,000	in PPM	27,200
Sulfates	in Mg/L	200	in PPM	194
Bicarbonates	in Mg/L	1,342	in PPM	1,304
Total Hardness (as CaCO3)	in Mg/L	13,000	in PPM	12,629
Total Dissolved Solids (Calc)	in Mg/L	47,163	in PPM	45,816
Equivalent NaCl Concentration	in Mg/L	45,078	in PPM	43,790

Scaling Tendencies

*Calcium Carbonate Index 5,368,000

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

*Calcium Sulfate (Gyp) Index 800,000

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=.2@82f

Report # 1983