

State of New Mexico  
Energy, Minerals and Natural Resources

Form C-103  
May 27, 2004

OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

District II  
1301 W. Grand Ave., Artesia, NM 88210  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM  
87505

WELL API NO.  
30-015-34013

5. Indicate Type of Lease

STATE ☐ FEE ☒

6. State Oil & Gas Lease No.

7. Lease Name or Unit Agreement Name  
Ranch Hand 5 Fee Com

8. Well Number

2

9. OGRID Number

14744

10. Pool name or Wildcat

South Carlsbad Morrow 73960

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well: Oil Well ☐ Gas Well ☒ Other

2. Name of Operator

Mewbourne Oil Company

3. Address of Operator

PO Box 5270 Hobbs, NM 88240

4. Well Location

Unit Letter O: 1167 feet from the S line and 1650 feet from the E line

Section 5 Township 23S Range 27E NMPM Eddy County

11. Elevation (Show whether DR, RKB, RT, GR, etc.)

3161' GL

Pit or Below-grade Tank Application ☐ or Closure ☐

Pit type \_\_\_\_\_ Depth to Groundwater \_\_\_\_\_ Distance from nearest fresh water well \_\_\_\_\_ Distance from nearest surface water \_\_\_\_\_

Pit Liner Thickness: \_\_\_\_\_ mil Below-Grade Tank: Volume \_\_\_\_\_ bbls; Construction Material \_\_\_\_\_

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐

TEMPORARILY ABANDON ☐ CHANGE PLANS ☐

PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐

OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐

COMMENCE DRILLING OPNS. ☐ P AND A ☐

CASING/CEMENT JOB ☐

OTHER: As detailed below ☒

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

TD 8 3/4" hole at 12145' on 05/07/05. Start OOH to run casing and drill pipe became stuck at +/-7610'. Did numerous operations to try to unstuck pipe with no success. During these operations, well started flowing. Met with OCD Artesia and discussed plans to temporary produce well to sales. Put well to sales on 05/22/05. Released rig on 05/25/05. Will bring back drilling rig as soon as possible to clean up wellbore and run 5 1/2" casing. C104 test allowable and gas analysis is attached.

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☐, a general permit ☐ or an (attached) alternative OCD-approved plan ☐.

SIGNATURE Kristi Green TITLE Hobbs Regulatory DATE 06/14/05

Type or print name Kristi Green

E-mail address:

Telephone No. 505-393-5905

For State Use Only

APPROVED BY: FOR RECORDS ONLY TITLE \_\_\_\_\_ DATE JUN 23 2005

Conditions of Approval (if any):



## Laboratory Services, Inc.

2609 West Marland  
Hobbs, New Mexico 88240

Telephone: (505) 397-3713

FOR: Mewbourne Oil Company  
Attention: Mr. Tommy Jones  
P. O. Box 5270  
Hobbs New Mexico 88241

SAMPLE:  
IDENTIFICATION: Ranch Hand 5 #2  
COMPANY: Mewbourne Oil Co.  
LEASE:  
PLANT:

SAMPLE DATA: DATE SAMPLED: 5/23/05 1:40 pm  
ANALYSIS DATE: 5.24.05  
PRESSURE - PSIG 432  
SAMPLE TEMP. °F 81  
ATMOS. TEMP. °F 104

GAS (XX) LIQUID ( )  
SAMPLED BY: Tommy Jones  
ANALYSIS BY: Vickie Sullivan

REMARKS:

## COMPONENT ANALYSIS

COMPONENT	MOL PERCENT	GPM
Hydrogen Sulfide (H2S)		
Nitrogen (N2)	0.677	
Carbon Dioxide (CO2)	0.677	
Methane (C1)	93.208	
Ethane (C2)	3.673	0.980
Propane (C3)	1.014	0.279
I-Butane (IC4)	0.160	0.052
N-Butane (NC4)	0.249	0.078
I-Pentane (IC5)	0.062	0.023
N-Pentane (NC5)	0.043	0.016
Hexane Plus (C6+)	<u>0.237</u>	<u>0.103</u>
	100.000	1.531

BTU/CU.FT. - DRY 1061  
AT 14.650 DRY 1057  
AT 14.650 WET 1039  
AT 14.73 DRY 1063  
AT 14.73 WET 1045

MOLECULAR WT. 17.5225

SPECIFIC GRAVITY -  
CALCULATED 0.605  
MEASURED