

District I

1625 N. French Dr., Hobbs, NM 88240

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

RECEIVED

2. Name of Operator

Mewbourne Oil Company

APR 12 2005

3. Address of Operator

PO Box 5270 Hobbs, NM 88240

OCD-ARTESIA

4. Well Location

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

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.

03/30/05...MI & spud 17 1/2" hole. TD'd hole @ 335'. Ran 335' 13 3/8" 48# H40 ST&C csg. Cemented with 150 sks Thixsad H with additives. Mixed @ 14.6 #/g w/ 1.52 yd. Followed with 200 sks 35:65:6 Poz C with additives. Mixed @ 12.5 #/g w/ 1.98 yd. Tail with 200 sks Class C with 2% CaCl2. Mixed @ 14.8 #/g w/ 1.34 yd. Circ 150 sks to pit. WOC 18 hrs. At 4:00 am on 04/01/05, tested BOPE and casing to 1500# for 30 minutes, held OK. Drilled out with 12 1/4" bit.

04/09/05...TD'ed 12 1/4" hole @ 5523'. Ran 5523' 9 5/8" 40# N80V55 LT&C Csg. Cemented with 1700 sks BJ Lite Class C with additives. Mixed @ 12.5 /g w/ 1.93 yd. Tail with 400 sks Class "C" with 1% CaCl2. Mixed @ 14.8 #/g w/ 1.33 yd. Circ 95 sks to pit. WOC 18 hrs. At 10:00 am on 04/10/05, test BOPE to 5000#, annular to 2500# and 9 5/8" casing to 1500# for 30 minutes as required. All equipment passed. Charts and schematic attached. Drilled out with 8 3/4" bit.

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 04/11/05Type or print name Kristi Green

E-mail address:

Telephone No. 505-393-5905**For State Use Only**APPROVED BY: FOR RECORDS ONLY TITLE _____ DATE _____

Conditions of Approval (if any):

MAN WELDING SERVICES, INC

Company Mewbourne Oil Co. Date 4-8-05
Lease Ranch Hand 5 Fed #2 County Eddy N.M.
Drilling Contractor R.H. UTI #41 Plug & Drill Pipe Size C.22 11" 4 1/2 XH

Accumulator Function Test - OO&GO#2

To Check - USABLE FLUID IN THE NITROGEN BOTTLES (III.A.2.c.i. or ii or iii)

- Make sure all rams and annular are open and if applicable HCR is closed.
- Ensure accumulator is pumped up to working pressure! (Shut off all pumps)
- 1. Open HCR Valve. (If applicable)
- 2. Close annular.
- 3. Close **all** pipe rams.
- 4. Open one set of the pipe rams to simulate closing the blind ram.
- 5. For 3 ram stacks, open the annular to achieve the 50+ % safety factor. (5M and greater systems).
- 6. **Record remaining pressure** 2100 psi. **Test Fails if pressure is lower than required.**
- a. {950 psi for a 1500 psi system} b. {1200 psi for a 2000 & 3000 psi system }
- 7. If annular is closed, open it at this time and close HCR.

To Check - PRECHARGE ON BOTTLES OR SPHERICAL (III.A.2.d.)

- Start with manifold pressure at, or above, maximum acceptable pre-charge pressure:
 - a. {800 psi for a 1500 psi system} b. {1100 psi for 2000 and 3000 psi system}
- 1. Open bleed line to the tank, slowly. (gauge needle will drop at the lowest bottle pressure)
- 2. Close bleed line. Barely bump electric pump and see what pressure the needle jumps up to.
- 3. **Record pressure drop** 900 psi. **Test fails if pressure drops below minimum.**
- **Minimum:** a. {700 psi for a 1500 psi system} b. {900 psi for a 2000 & 3000 psi system}

To Check - THE CAPACITY OF THE ACCUMULATOR PUMPS (III.A.2.f.)

- Isolate the accumulator bottles or spherical from the pumps & manifold.
- Open the bleed off valve to the tank, {manifold psi should go to 0 psi} close bleed valve.
- 1. Open the HCR valve, {if applicable}
- 2. Close annular
- 3. With **pumps** only, time how long it takes to regain the required manifold pressure.
- 4. **Record elapsed time** 10 sec.. **Test fails if it takes over 2 minutes.**
- a. {950 psi for a 1500 psi system} b. {1200 psi for a 2000 & 3000 psi system}

