

Submit 3 Copies To Appropriate District Office
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 87505

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

WELL API NO. 30-05-38568
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. OG-648
7. Lease Name or Unit Agreement Name Sparrow 27 State
8. Well Number 1
9. OGRID Number 14744
10. Pool name or Wildcat Pearl: Bone Spring 49680

Pit or Below-grade Tank Application <input type="checkbox"/> or Closure <input type="checkbox"/>
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 _____

RECEIVED

APR 24 2008

HOBBS OCD

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-103) 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 F : 1650 feet from the N line and 1980 feet from the W line
Section 27 Township 19S Range 35E NMPM Lea County

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
3727' GL

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.

04/13/08...MI & spud 17 1/2" hole. Ran 503' 13 3/8" 48# H40 ST&C csg. Cemented with 250 sks BJ Lite Class C (35:65:6) 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 95 sks to pits. WOC 18 hrs. At 5:15 am on 04/15/08, tested 13 3/8" casing to 1250# for 30 minutes, held OK. Drilled out with 12 1/4" bit.

04/20/08..TD'ed 12 1/4" hole @ 3500'. Ran 3520' 8 5/8" 32# K55 LT&C Csg. Cemented w/1000 sks BJ Lite Class C (35:65:6) with additives. Mixed @ 12.5/g w/ 1.96 yd. Tail w/400 sks Class C with 1% CaCl2. Mixed @ 14.8 #/g w/ 1.34 yd. Circ 89 sks to pit. WOC 18 hrs. Tested BOPE to 3000# and annular to 2000#. At 8:00 am 04/22/08, tested csg to 1500# for 30 mins, held OK. Test formation to 11.0# MWE. Charts and schematic attached. Drilled out with 7 7/8" 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 Jackie Lathan TITLE Hobbs Regulatory DATE 04/23/08

Type or print name Jackie Lathan

E-mail address:

Telephone No. 505-393-5905

For State Use Only

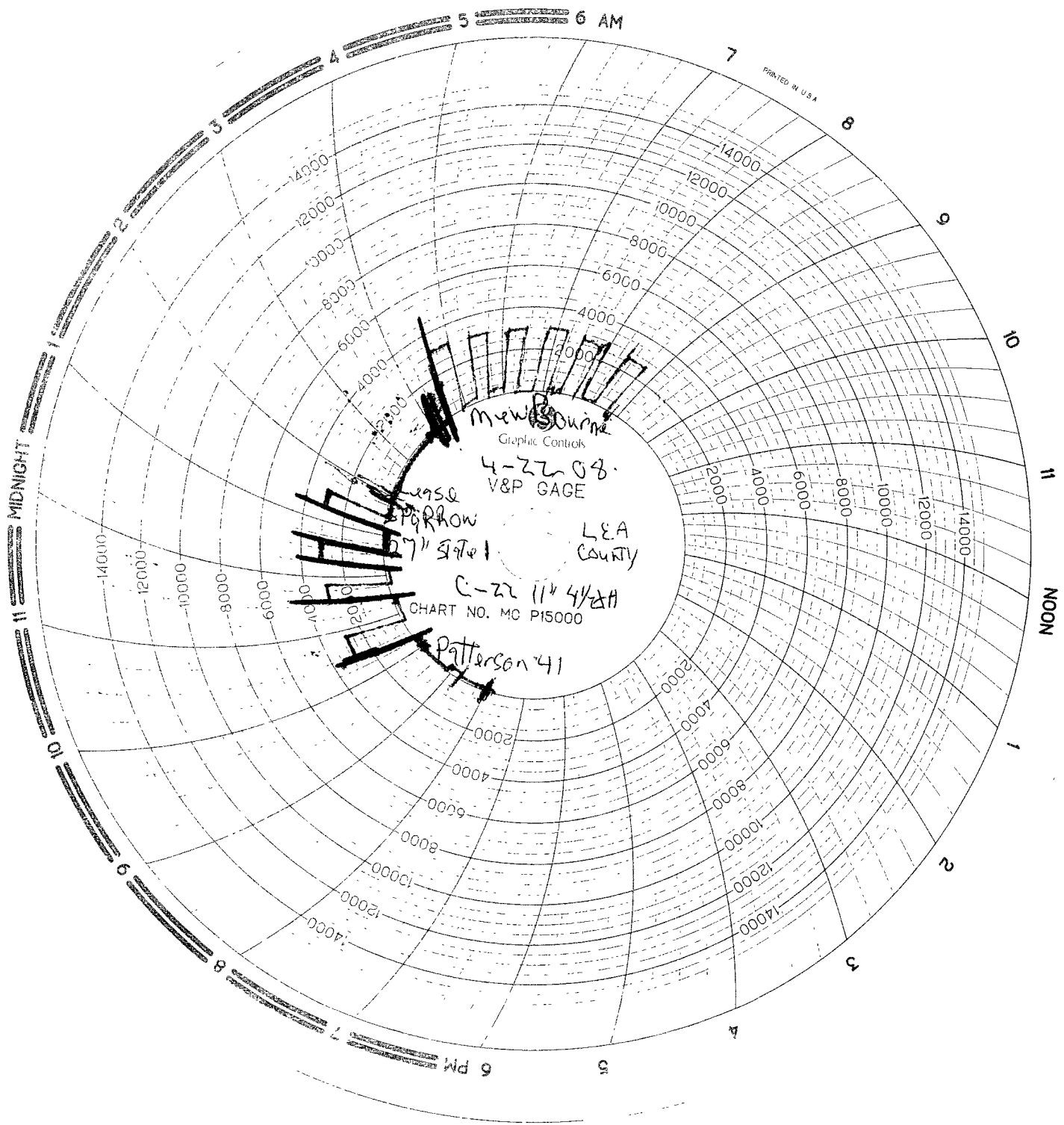
OCD DISTRICT SUPERVISOR/GENERAL MANAGER

APR 29 2008

APPROVED BY: Chris Williams

TITLE _____ DATE _____

Conditions of Approval (if any):



BUS: 505 396-4540 • **FAX:** 505 396-0044



B 8077

Lease SPARROW "27" STATE #1 County LEA State NM

Rig # 41

Drill Pipe Size 4 1/2 X H

Check Valve Open



TOTAL \$11 44 31

MAN WELDING SERVICES, INC

Company MEWBourne oil company Date 4-22-08
Lease SPARROW "27" State #1 County LEA
Drilling Contractor Patterson H Plug & Drill Pipe Size C-22 11" 4 1/2 x H

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** 2050 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** 1300 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** 1:45. **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}