

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.

30-015-34185

5. Indicate Type of Lease

STATE ☒ FEE ☐

6. State Oil &amp; Gas Lease No.

OG-5851-1

7. Lease Name or Unit Agreement Name

Southwest Empire 8 State Com

8. Well Number

1

9. OGRID Number

14744

10. Pool name or Wildcat

North Illinois Camp Morrow 78890

## 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 H : 1650 feet from the N line and 810 feet from the E lineSection 8 Township 18S Range 28E NMPM Eddy County

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

3638' 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.

08/17/05...MI & spud 17 1/2" hole. TD'd hole @ 415'. Ran 415' 13 3/8" 48# H40 ST&C csg. Cemented with 225 sks 35:65:6 BJ Lite Class "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 78 sks to pit. WOC 18 hrs. At 9:00 pm on 08/17/05, tested casing to 1500# for 30 minutes, held OK. Drilled out with 12 1/4" bit.

08/23/05...TD'ed 12 1/4" hole @ 2660'. Ran 2660' 9 3/8" 40# J55 LT&C Csg. Cemented with 180 sks Class H Thixsad with additives. Mixed @ 14.6 #/g w/ 1.52 yd. Followed with 650 sks BJ Lite (36:65:6) Poz Class C with additives. Mixed @ 12.5 #/g w/ 1.96 yd. Tail with 400 sks Class C with 1% CaCl2. Mixed @ 14.8 #/g w/ 1.34 yd. Circ 125 sks to pit. WOC 18 hrs. At 8:00 pm on 08/22/05, tested casing to 2500# for 30 minutes, held OK. 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

TITLE Hobbs Regulatory

DATE 09/01/05

Type or print name Kristi Green

E-mail address:

Telephone No. 505-393-5905

For State Use Only

SEP 09 2005

APPROVED BY:

FOR RECORDS ONLY

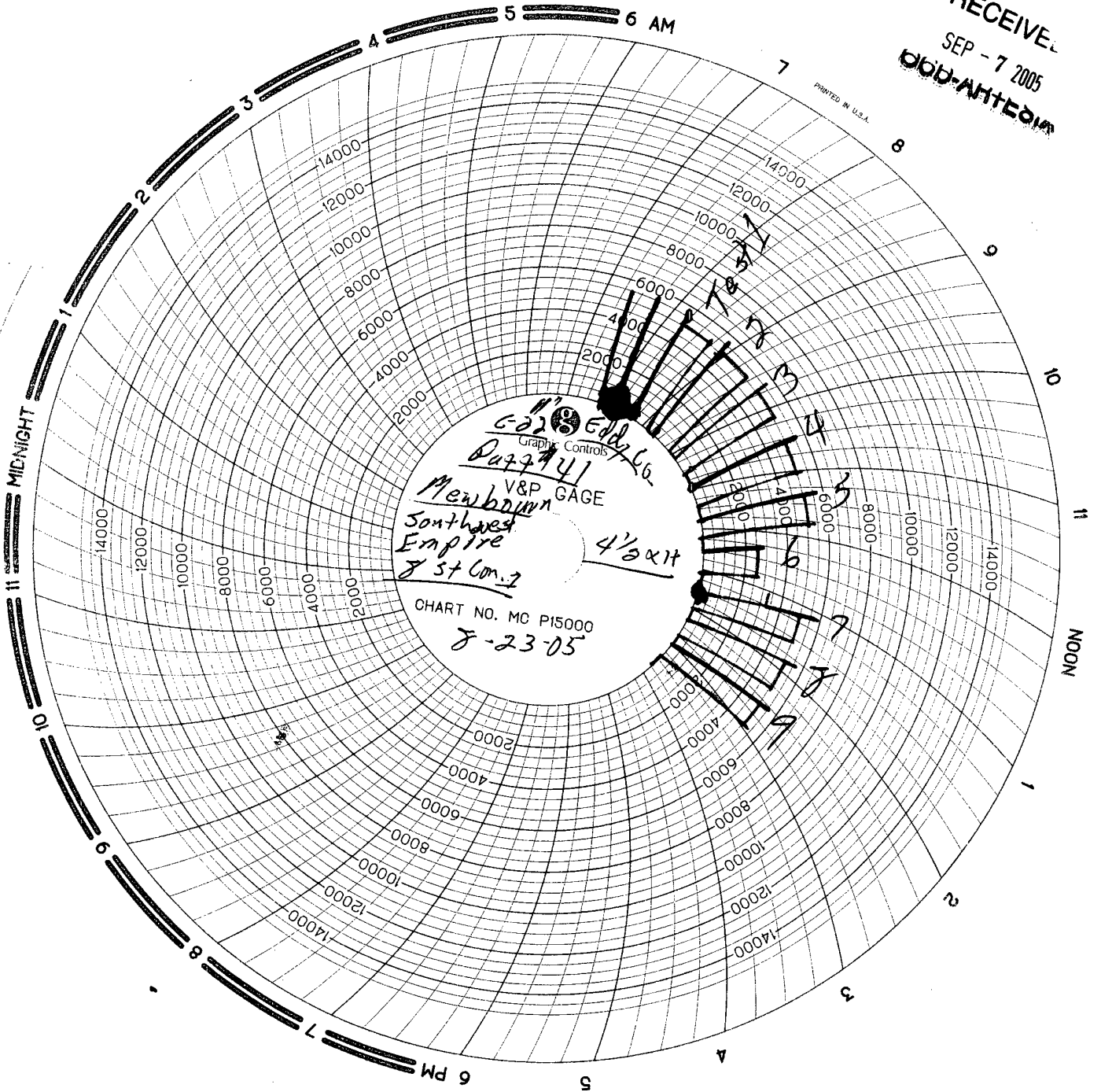
TITLE

DATE

Conditions of Approval (if any):

RECEIVED  
SEP - 7 2005  
000-ATTED

PRINTED IN U.S.A.



# MAN WELDING SERVICES, INC

RECEIVED  
SEP - 7 2005  
O'D-ATTEC

Company New Bourn Date 8-23-05  
Lease Southwest Empire 1/2" St Com 1 County Eddy  
Drilling Contractor Part, HPI #41 Plug & Drill Pipe Size 11" C-22 / 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 1300 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 1000 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 1:46. 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}

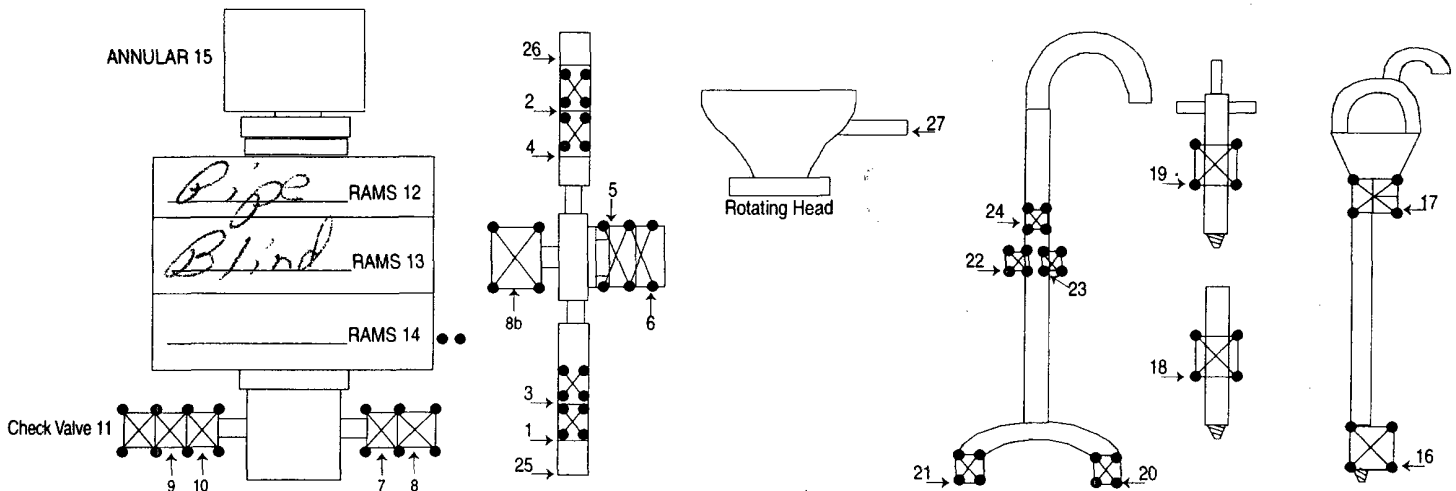
*BUS:* 505 396-4540 • *FAX:* 505 396-0044



# INVOICE

**Nº B 3836**

Company Mewbourn Date 8-23-05 Start Time 6:00 ☐ am ☐ pm  
Lease Southwest Empire "8" ST Comm. #1 County 6ddy State WV  
Company Man \_\_\_\_\_  
Wellhead Vender \_\_\_\_\_ Tester R. H. Norton #46  
Drig. Contractor Patterson U I I Rig # 41  
Tool Pusher \_\_\_\_\_  
Plug Type C-22 Plug Size 11" Drill Pipe Size 4 1/2 x H  
Casing Valve Opened Yes Check Valve Open Yes

[illegible]

8 HR@ 900.00  
HR@  
Mileage @

SUB TOTAL 900.00  
TAX \$48.38  
TOTAL \$948.38