

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. 30-015-35873
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. E742
7. Lease Name or Unit Agreement Name Empire 20 State
8. Well Number 4
9. OGRID Number 14744
10. Pool name or Wildcat Empire, ABO, North 96365

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 <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other	
2. Name of Operator Mewbourne Oil Company	NOV 30 2007
3. Address of Operator PO Box 5270 Hobbs, NM 88240	OCD-ARTESIA
4. Well Location Unit Letter <u>F</u> : <u>1650</u> feet from the <u>N</u> line and <u>2310</u> feet from the <u>W</u> line Section <u>20</u> Township <u>17S</u> Range <u>29E</u> NMPM <u>Eddy</u> County	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3619' GL	
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 _____	

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.

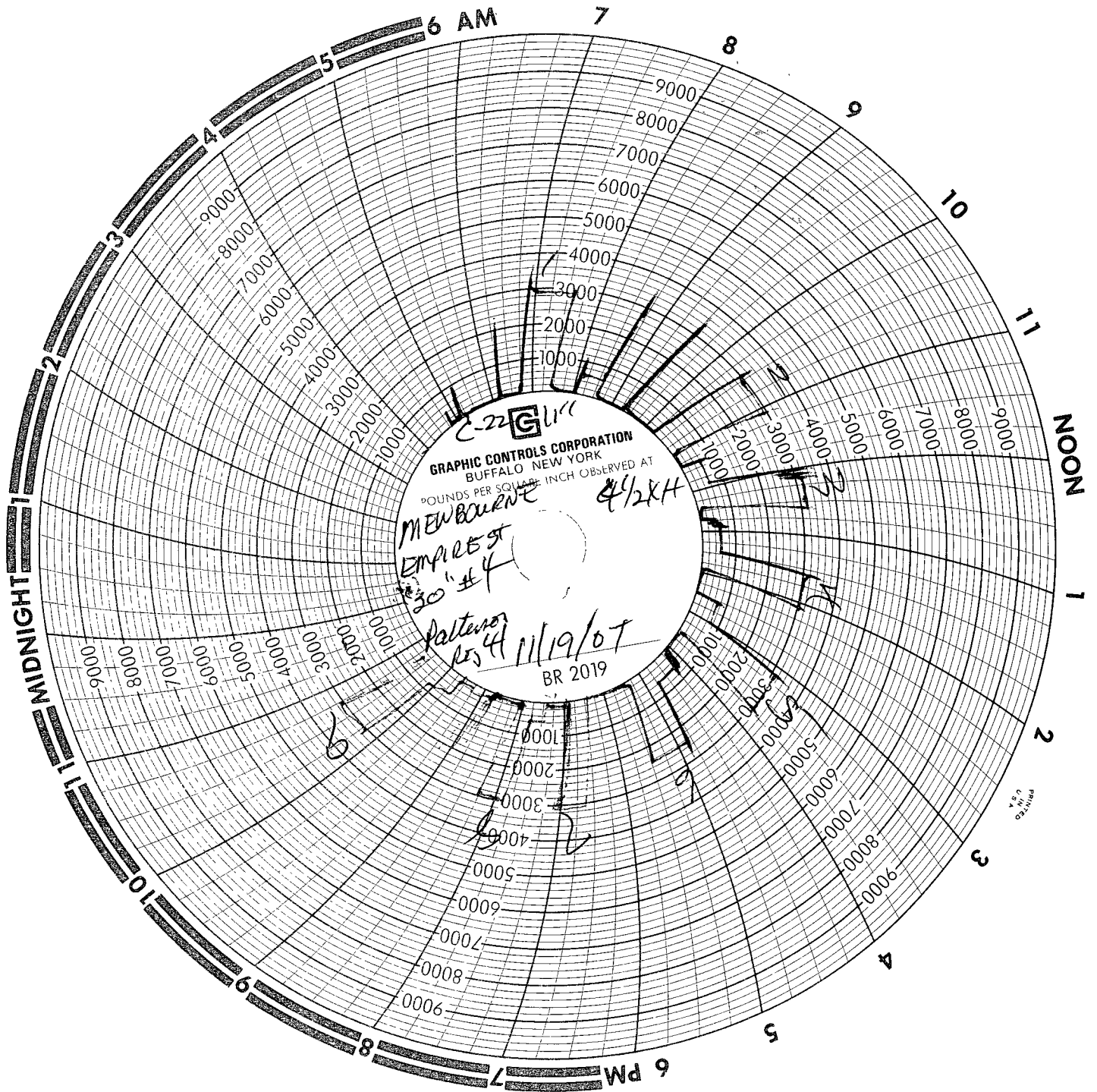
11/18/07...MI & spud 12 1/4" hole. Ran 399' 8 5/8" 32#-J55 LT&C csg. Cemented with 300 sks BJ Class C with 2% CaCl2. Mixed @ 14.8 #/g w/ 1.34 yd. Circ 92 sks to pits. WOC 18 hrs. Tested BOPE to 3000# & annular to 2500#. At 12:01 pm on 11/20/07, tested casing to 1500# for 30 minutes, held OK. Charts and 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 11/28/07

Type or print name Jackie Lathan E-mail address: \_\_\_\_\_ Telephone No. 505-393-5905  
**For State Use Only**

APPROVED BY: Accepted for record - NMOCD TITLE \_\_\_\_\_ DATE 12/18/07  
Conditions of Approval (if any): \_\_\_\_\_



# MAN WELDING SERVICES, INC.

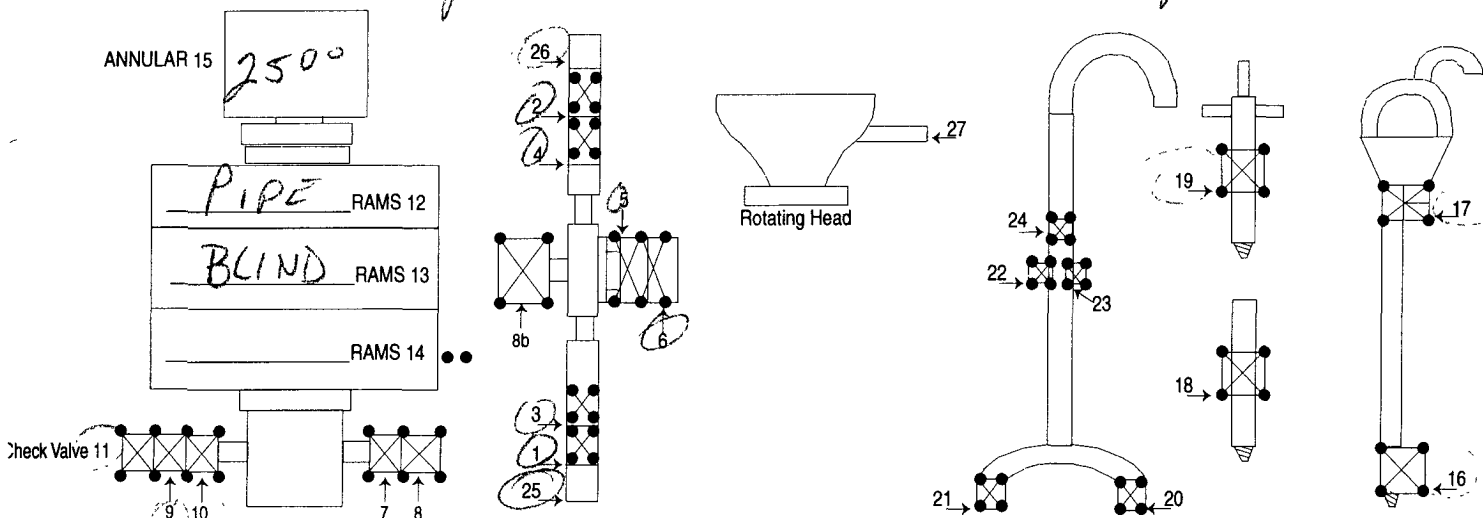
P.O. Box 1541 • Lovington, N.M. 88260  
BUS: 505 396-4540 • FAX: 505 396-0044



INVOICE

B 7667

Company MEWBORNE OIL CO Date 11/19/07 Start Time 4:00 ☒ am ☐ pm  
Lease EMPIRE "20" STATE #11 County EDDY State N.M.  
Company Man PAUL  
Wellhead Vendor \_\_\_\_\_ Tester KENNY KIRKPATRICK  
Drlg. Contractor PATTERSON-UTI Rig # 41  
Tool Pusher \_\_\_\_\_  
Plug Type C-22 Plug Size 11" Drill Pipe Size 4 1/2 KH  
Casing Valve Opened yes Check Valve Open yes



TEST #	ITEMS TESTED	TEST LENGTH	LOW PSI	HIGH PSI	REMARKS
1	9, 25, 26, 6, 13	3/10	250	3000	
2	11, 12, 5, 13	3/10	250	3000	
3	10, 3, 4, 5, 13	3/10	250	3000	
4	10, 8, 12	3/10	250	3000	
5	10, 7, 12	3/10	250	3000	
6	10, 7, 15	3/10	250	2500	
7	16	3/10	250	3000	
8	17	3/10	250	3000	
9	19	3/10	250	3000	

8 HR @ 1000<sup>00</sup>

HR @  
Mileage 98 @ 1.00<sup>00</sup> = 98.00

SUB TOTAL 1098.00  
TAX 59.00  
TOTAL 1157.00

# MAN WELDING SERVICES, INC

Company MEWBOURNE OIL CO Date 11/19/07  
Lease EMPIRE "20" STATE #14 County EDDY Co. N.M.  
Drilling Contractor PATTERSON-UTI 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** 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** 1100 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** 1:15. **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}