

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

JUN 15 2009

FORM APPROVED  
OMB No. 1004-0135  
Expires: January 31, 2004

RM

**SUNDRY NOTICES AND REPORTS ON WELLS**  
**Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.****SUBMIT IN TRIPLICATE - Other instructions on reverse side**

## 1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

## 2. Name of Operator

Mewbourne Oil Company 14744

## 3a. Address

PO Box 5270 Hobbs, NM 88240

## 3b. Phone No. (include area code)

505-393-5905

## 4. Location of Well (Footage, Sec., T, R., M., or Survey Description)

990' FNL &amp; 1980' FWL, Sec 11-T17S-R29E Unit C

Lease Serial No.

NMLC-028731-b

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

Orca 11 Federal Com #1

9. API Well No.

30-015-37009

10. Field and Pool, or Exploratory Area

Grayburg Morrow 77840

11. County or Parish, State

Eddy County, NM

## 12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other Spud & csg
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

3. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleation in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

05/06/09...MI & spud 17 1/2" hole. Lost circulation at 58'. Continued drlg with no returns to casing point. Ran 370' 13 3/8" 48# H40 ST&C csg. Cemented with 630 sks Class C with additives. Mixed @ 14.8 #/g w/ 1.34 yd. Ran Temp Survey. TOC at 20'. Ran 1" pipe to 50' & cement in 1 stage w/50 sks Class C w/2% CaCl2. Mixed @ 14.8 #/g w/ 1.34 yd. Circ 10 sks to pit. WOC 18 hrs. At 9:00 am 05/08/09, tested Casing & BOPE to 1100# for 30 mins, held OK. Chart & schematic attached. Drilled out with 12 1/4" bit.

05/14/09..TD'ed 12 1/2" hole @ 3008'. Ran 3008' 9 5/8" 40# J55/N80 LT&C Csg. Cemented with w/625 sks BJ Lite Class C (35:65:6) w/additives. Mixed @ 12.5 /g w/ 2.04 yd. Tail w/425 sks Class C Neat. Mixed @ 14.8 #/g w/ 1.32 yd. Plug down @ 6:00 pm 05/13/09. Circ 114 sks to pit. WOC 18 hrs. Tested BOPE to 5000# and annular to 2500#. At 3:00 pm 05/14/09, tested csg to 1500# for 30 mins, held OK. Test formation at csg shoe to 12.5# MWE. Chart & schematic attached. Drilled out with 8 3/4" bit

ACCEPTED FOR RECORD

JUN 6 2009

14. I hereby certify that the foregoing is true and correct  
Name (Printed/Typed)

Jackie Lathan

Title Hobbs Regulatory

Signature

Date 05/20/09

BUREAU OF LAND MANAGEMENT  
CARLSBAD FIELD OFFICE

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by (Signature)

Name  
(Printed/Typed)

Title

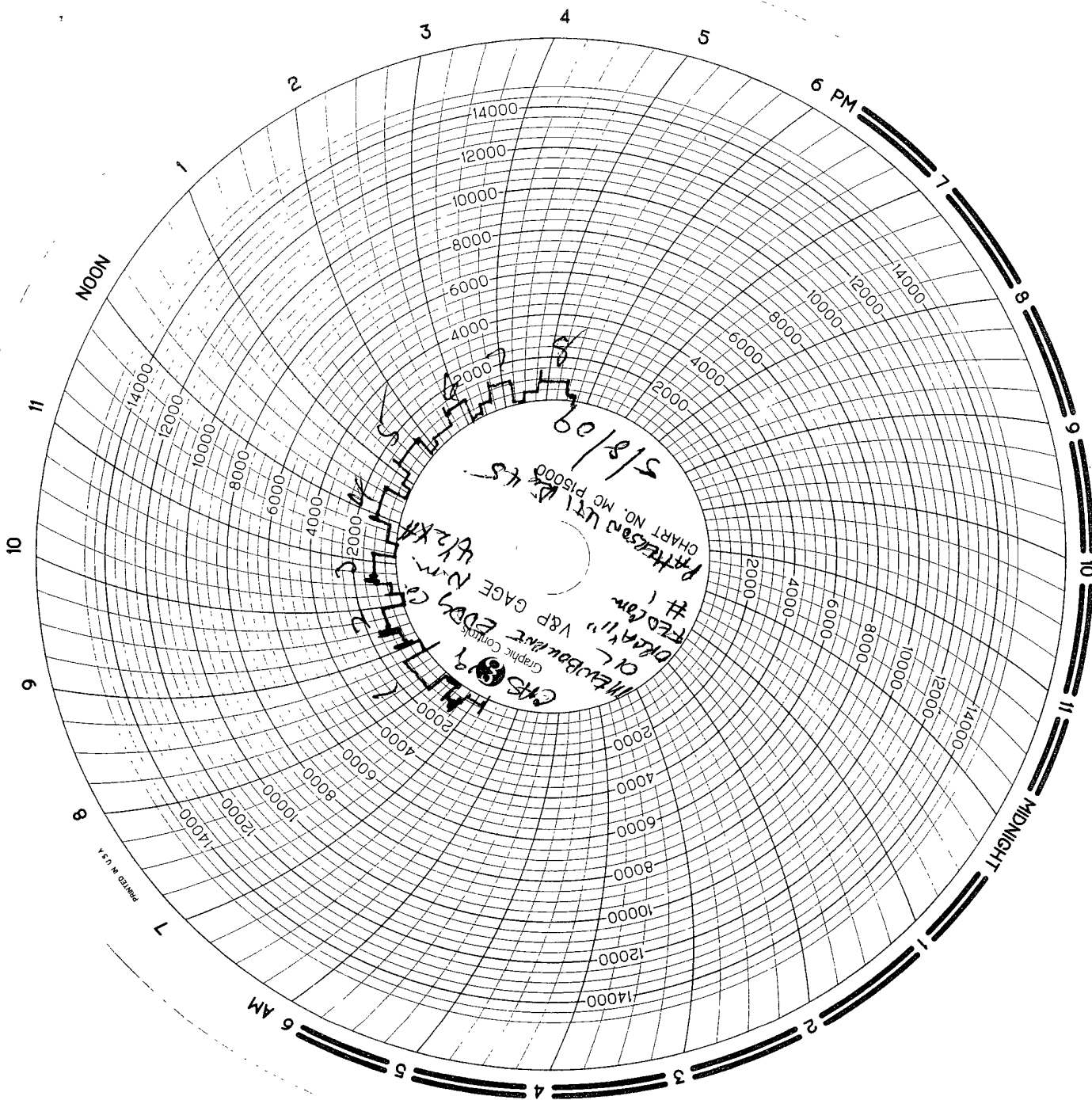
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Date

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

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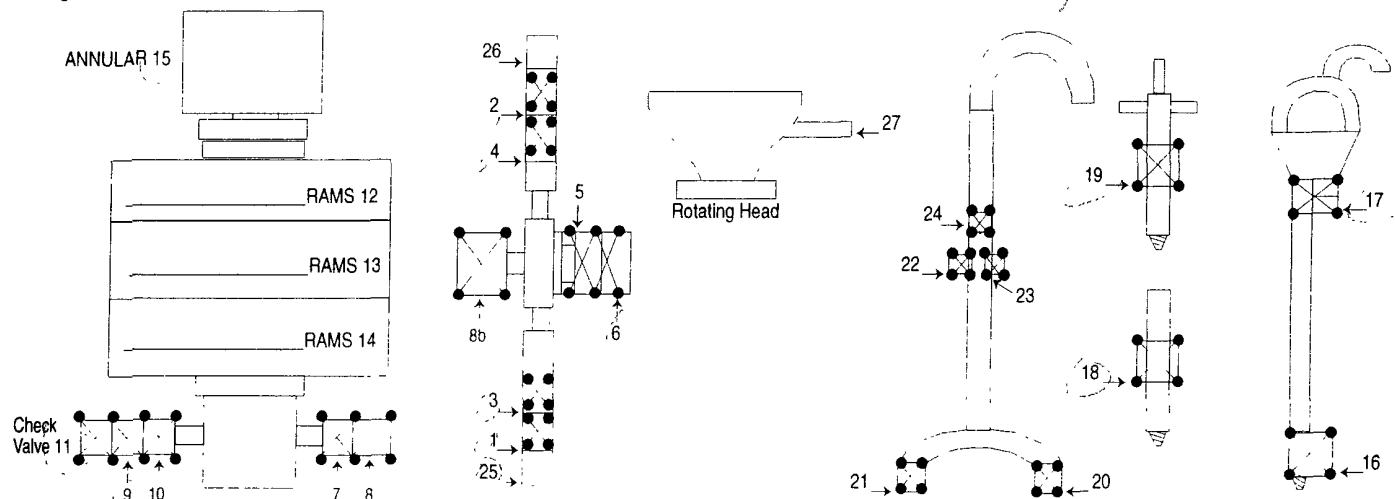




# INVOICE

**B 10064**

Company NEWBORN - DILL Date 5/8/07 Start Time 4:30 ☒ am ☐ pm  
Lease PROD "11" Zoro Cont #1 County CLAY State NEBR  
Company Man \_\_\_\_\_  
Wellhead Vendor \_\_\_\_\_ Tester Kenny Kutz - DILL  
Drig. Contractor PATTERSON UCI Rig # 4.5  
Tool Pusher W.D.  
Plug Type 2 1/2 in Plug Size 6/8 Drill Pipe Size 4 1/2 x 6  
Casing Valve Opened PU Check Valve Open PU

[illegible]

8 HR@ 1000<sup>2</sup>  
HR@  
Mileage 100 @ 100

MASTER PRINTERS\$ 575 396 3661

SUB TOTAL	1100 <sup>00</sup>
TAX	59 <sup>12</sup>
TOTAL	1159 <sup>12</sup>

# MAN WELDING SERVICES, INC

Company MEWBORNE OIL Date 5/8/09  
Lease ORCA "11" FED Com #1 County EDDY Co. N.M.  
Drilling Contractor PATTERSON UTI 45 Plug & Drill Pipe Size 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)

32" X 7.3 = 234

- 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)

- 14 X 36 X 120 = 262 gal / 36 = 7.3 gal  
18 - 10 gal Bottles = 180 gal  
+ 234  
324 usable fluid
- ✓ 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 1400 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 26 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}



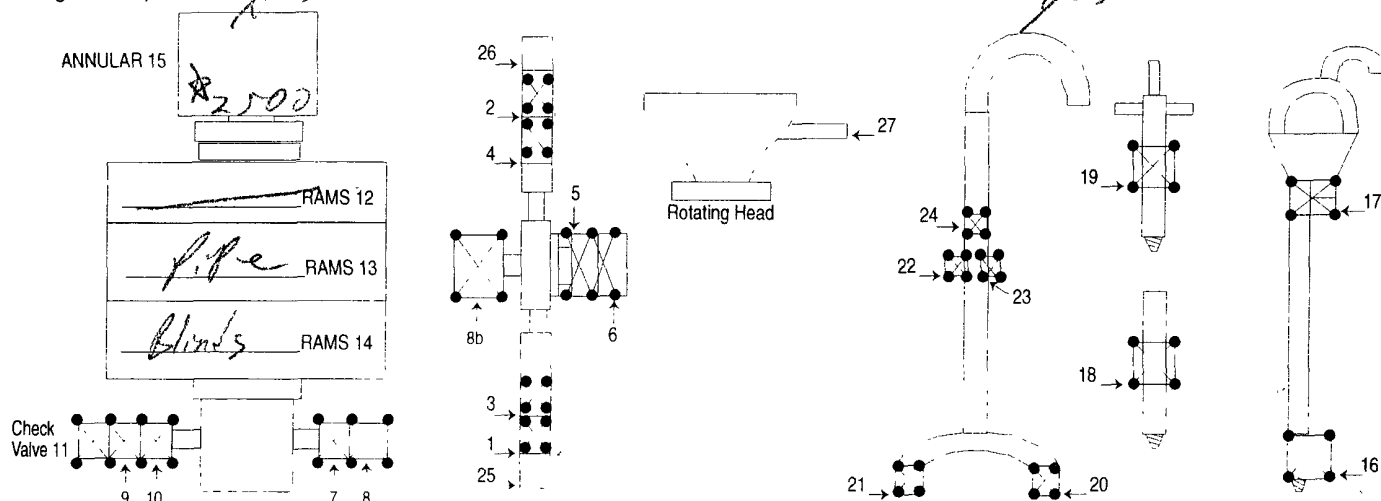
**MAN**  
WELDING SERVICES

WELDING • BOP TESTING  
NIPPLE UP SERVICE • BOP LIFTS • TANDEM  
MUD AND GAS SEPARATORS  
Lovington, NM • 575-396-4540

INVOICE

NO B10072

Company New Bourne Oil Company Date 5-14-09 Start Time 2:00 ☒ am ☐ pm  
Lease ORCA 11 Fed - com #1 County Eddy State NM  
Company Man Charles Marden / Levi Jackson  
Wellhead Vendor \_\_\_\_\_ Tester Robert Whitney  
Drig. Contractor Patterson Drilco Rig # 45  
Tool Pusher \_\_\_\_\_  
Plug Type C-22 Plug Size 11" Drill Pipe Size 4 1/2 X 14  
Casing Valve Opened yes Check Valve Open yes



TEST #	ITEMS TESTED	TEST LENGTH	LOW PSI	HIGH PSI	REMARKS
1	14, 11, 26, 25, 6	10/10	250	5000	Shut by 3:00 AM 6:00 AM Good crew! Good equipment.
2	14, 9, 2, 1, 5	10/10	250	5000	
3	14, 10, 3, 4, 5	10/10	250	5000	
4	13, 10, 8, 13	10/10	250	5000	
5	13, 10, 8	10/10	250	5000	
6	15, 10, 7	10/10	250	2500	
7	13, 10, 7	10/10	250	5000	
8	19	10/10	250	5000	
9	18	10/10	250	5000	
10	16	10/10	250	5000	
11	17	10/10	250	5000	

Thank you!!  
SUB TOTAL \$1,100.00  
TAX \$59.13  
TOTAL \$1,159.13

8.0 HR @ \$1000.00  
HR @ \_\_\_\_\_  
Mileage 100.0 @ \$1.00 = \$100.00  
MASTER PRINTERS 575 396 3661

# MAN WELDING SERVICES, INC

Company MenBourne Date 5-18-09  
Lease ORCA 11 Fed. Com #1 County ENDY  
Drilling Contractor Patterson Plug & Drill Pipe Size 11" 4 1/2 X 14

## 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** 1400 **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.

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### 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}

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### 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** 40 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}

