

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

OCD-ARTESIA

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

5. Lease Serial No.  
NM-01165

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.  
Henry 8 Federal Com #1

9. API Well No.  
30-015-34927

10. Field and Pool, or Exploratory Area  
East Burton Flat Morrow

11. County or Parish, State  
Eddy County, NM

## 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)

1218' FSL &amp; 1820' FEL Unit O Sec 8-T20S-R29E

Month - Year  
MAR - 2007  
OCD - ARTESIA, 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 <u>Spud and casing job</u>
	<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 recompleat 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 recompleat 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.)

02/12/07...MI & spud 26" hole. TD hole at 322'. Ran 322' 20" 94# K55 BT&C csg. Cemented with 400 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 40 sks to pit. WOC 18 hrs. Drilled out with 17 1/2" bit.

02/17/07..TD'ed 17 1/2" hole @ 1238'. Ran 1238' 13 3/8" 54.5# J55 BT&C Csg. Cemented with 650 sks BJ Lite Class C (35:65:6) with additives. Mixed @ 12.5 #/g w/ 1.98 yd. Tail w/400 sks Class C with 2% CaCl2. Mixed @ 14.8 #/g w/ 1.34 yd. Circ 60 sks to pit. WOC 18 hrs. At 8:30 am 02/17/07, tested 13 3/8" csg to 1500# for 30 mins, held OK. Drilled out with 12 1/4" bit.

ACCEPTED FOR RECORD

MAR - 7 2007

LES BABYAK  
PETROLEUM ENGINEER

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

Kristi Green

Title Hobbs Regulatory

Signature

*Kristi Green*

Date 02/28/07

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.

(Continued on next page)

Accepted for record - NMOCD

3/13/07

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OCD-ARTESIA

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Month - Year  
MAR - 8 2007  
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5. Lease Serial No. NM-01165  
6. If Indian, Allottee or Tribe Name  
7. If Unit or CA/Agreement, Name and/or No.  
8. Well Name and No. Henry 8 Federal Com #1  
9. API Well No. 30-015-34927  
10. Field and Pool, or Exploratory Area East Burton Flat Morrow  
11. County or Parish, State Eddy County, NM

**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)  
1218' FSL & 1820' FEL Unit O Sec 8-T20S-R29E

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<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 Casing job and BOEP test
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02/22/07..TD'ed 12 1/4" hole @ 3158'. Ran 3158' 9 5/8" 40# J55/N80 LT&C Csg. Cemented with 180 sks Thixad Class H with additives. Mixed @ 14.6# /g w/ 1.52 yd. Followed with 900 sks BJ Lite Class C (35:65:6) with additives. Mixed @ 12.5# /g w/ 1.98 yd. Tail w/400 sks Class C with 1% CaCl2. Mixed @ 14.8 #/g w/ 1.33 yd. Circ 70 sks to pit. WOC 18 hrs. Test BOPE to 5000# & annular to 2500#. At 11:00 pm 02/22/07, tested 9 5/8" csg to 1500# for 30 mins, held OK. Tested formation at casing shoe to 12.5 ppg MWE. Charts and schematic attached. Drilled out with 8-3/4" bit.

ACCEPTED FOR RECORD

MAR - 7 2007

LES BABYAK  
PETROLEUM ENGINEER

14. I hereby certify that the foregoing is true and correct  
Name (Printed/Typed) Kristi Green  
Signature *Kristi Green*  
Title Hobbs Regulatory  
Date 02/28/07

Approved by (Signature) \_\_\_\_\_  
Name (Printed/Typed) \_\_\_\_\_ Title \_\_\_\_\_  
Office \_\_\_\_\_ Date \_\_\_\_\_

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.

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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# MAN

## WELDING SERVICES, INC.

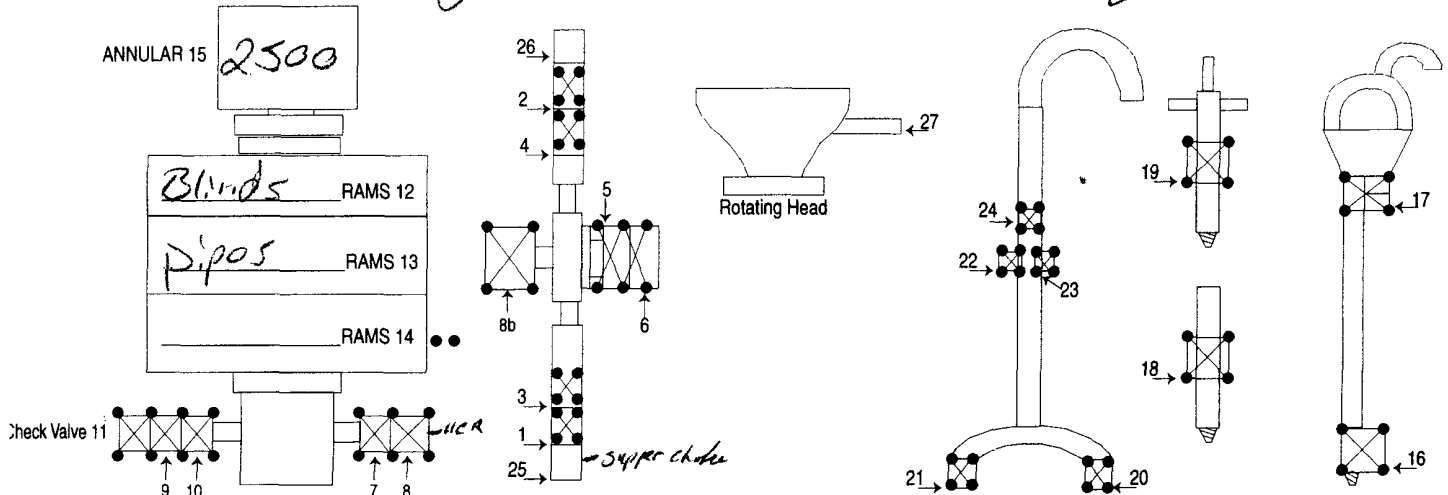
P.O. Box 1541 • Lovington, N.M. 88260  
BUS: 505 396-4540 • FAX: 505 396-0044



INVOICE

NO B 6555

Company 1110C Date Feb 21, 2007 Start Time 11:00 ☐ am ☐ pm  
Lease Henry 8 Feol corn #1 County Eddy State NM  
Company Man \_\_\_\_\_  
Wellhead Vendor \_\_\_\_\_ Tester Duke Norrell  
Drig. Contractor Patterson Rig # 48  
Tool Pusher \_\_\_\_\_  
Plug Type C-22 Plug Size 10 Drill Pipe Size 4 1/2 x 10  
Casing Valve Opened yes Check Valve Open yes



TEST #	ITEMS TESTED	TEST LENGTH	LOW PSI	HIGH PSI	REMARKS
1	12, 9, 25, 6, 26	5/10	250	5000	Flange on B section leaked
2	12, 10, 1, 5, 2	5/10	250	5000	Rig crew tightened. +
3	12, 11, 3, 5, 4	5/10	250	5000	Same leak on B section
4	13, 9, 8	5/10	250	5000	Rig crew tightened. +
5	13, 10, 7	5/10	250	5000	Flange on #8 HCR valve leaked
6	15, 10, 7	5/10	250	2500	Rig crew tightened. +
7	19, Port valve	5/10	250	5000	Flange on 4" port valve
8	18, TFW	5/10	250	5000	Leaked, Rig crew tightened
9	16, Lower Key	5/10	250	5000	
10	17, upper Key	5/10	250	5000	
					good
					no Leaks
					#8 HCR valve
					#25 super choke

8 HR @ \$1000. = \$1000.  
5 HR @ \$100. = \$500.  
Mileage 160 @ \$.10 = \$160.  
1110C Honor = \$100.

SUB TOTAL \$ 1760.-  
TAX \$ 94.28  
TOTAL \$ 1854.28

*[Signature]*

# MAN WELDING SERVICES, INC

Company M.D.C. Date Feb 22, 2007  
Lease Henry & Fed com #1 County Eddy  
Drilling Contractor Patterson #48 Plug & Drill Pipe Size 10" C-22 4 1/2 x 0

## 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** 2000 **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** 950 **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 min 14 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}

