

Form 3160-5  
(September 2001)UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED

JUL 08 2010

**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.

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

RM

5. Lease Serial No.

NMNM-0209083

6. If Indian, Allottee or Tribe Name

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

JUL 19 2010

8. Well Name and No.

Burton 4 Federal #311

9. API Well No.

30-015-37816

10. Field and Pool, or Exploratory Area

Parkway Bone Spring 49622

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 checked="" 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 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>Change production</u>
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	csg.
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

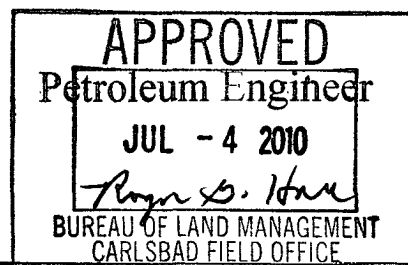
3. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplate horizontally, give subsurface locations and measured and true vertical depths 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 recomplate 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.)

The APD for the production casing was to run 4 1/2" casing, Packers & Ports with liner. After futher review, MOC would like to run 4 1/2" P110 11.6 #/ft casing from TD (12252') back to surface. Cement casing back to 7" (@ 8375' plus 500 ft) with 400 sks Class 'H' w/additives mixed @ 15.2 #/gal & 1.28 yd.

TOC 4875' (500ft tie-back in 7")

If you have any questions, please call Micky Young @ 575-393-5905.

May require additional cement as the excess  
calculates as negative 59%,



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

NM Young

Title Hobbs District Manager

Signature

Date 07/3/10

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)

RDS

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

**SUNDRY NOTICES AND REPORTS ON WELLS** JUL 08 2010  
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.* HOBBSOCD

**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)

575-393-5905

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

810' FNL & 200' FEL, Sec 4-T20S-R29E Unit A (SL)

5. Lease Serial No.

NMNM-0209083

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.

Burton 4 Federal #3H

9. API Well No.

30-015-37816

10. Field and Pool, or Exploratory Area

Parkway Bone Spring 49622

11. County or Parish, State

Eddy County, NM

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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 Csg & cmt
	<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	

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05/27/10 ...TD 12 1/4" hole at 3300'. Ran 3300' 9 5/8" 36# J55 LT&C csg. Cemented with 180 sks Thixad Class H with additives. Mixed @ 14.6 #/g w/ 1.52 yd. Followed w/700 sks BJ Lite (35:65:4) Class C w/additives. Mixed @ 12.5#/g w/2.12 yd. Tail w/200 sks Class C w/additives. Mixed @ 14.8 #/g w/ 1.34 yd. Plug down @ 7:00 pm 05/26/10. Did not circ cmt. Ran Temp Survey. TOC at 2060'. TIH with 1" pipe. Tag at 1494'. Ran 1" pipe and topped out cmt in 15 stages with 735 sks Class C mixed @ 14.8#/g w/1.34 and 180 sks Thixad Class H mixed @ 14.6#/g w/1.54. Circ 25 sks to pit. Tested BOPE to 3000# & annular to 1500#. At 10:45 am on 05/30/10, tested casing to 1500# for 30 mins, held OK. Chart & schematic attached. Drilled out with 8 3/4" bit.

ACCEPTED FOR RECORD

JUL - 6 2010  
Is/ Roger Hall

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

Jackie Lathan

Title Hobbs Regulatory

Signature

Jackie Lathan

Date 06/24/10

BUREAU OF LAND MANAGEMENT  
CARLSBAD FIELD OFFICE

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by (Signature)

Name  
(Printed/Typed)

Title

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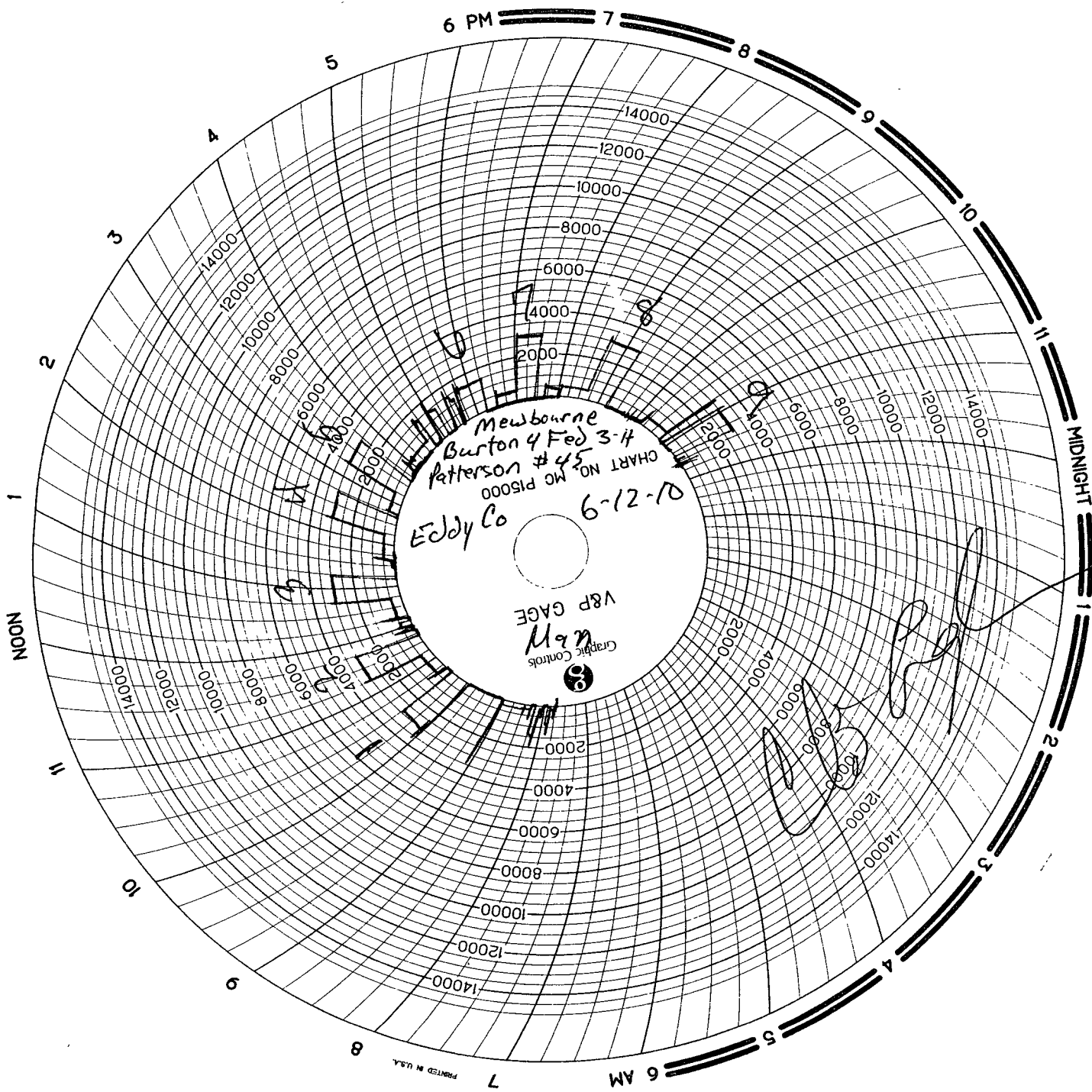
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(Continued on next page)

DD



# MAN WELDING SERVICES, INC

Company Newbourne Oil Co. Date 6-12-10  
Lease Burton 4 Fed 3-H County Eddy  
Drilling Contractor Patterson #45 Plug & Drill Pipe Size 11" C-22 3 1/2 IF

## 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** 1575 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}

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To Check - THE CAPACITY OF THE ACCUMULATOR PUMPS (III.A.2.f.)

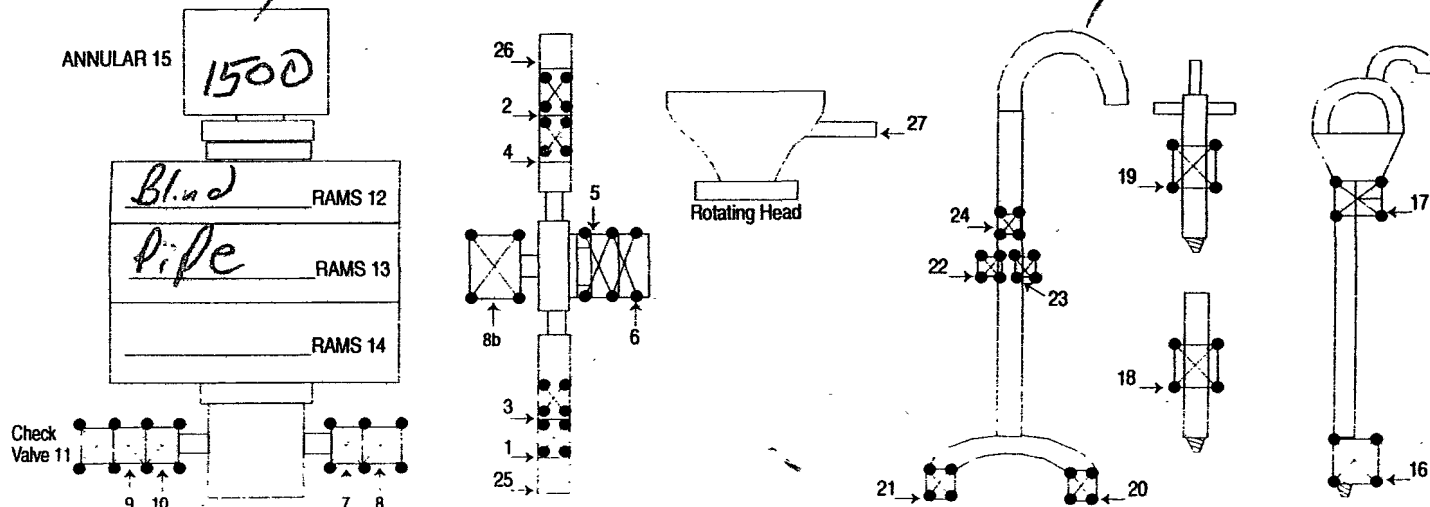
- Isolate the accumulator bottles or spherical from the pumps & manifold.
- Open the bleed off valve to the tank, {manifold psi should go to 0 psi} close bleed valve.
  1. Open the HCR valve, {if applicable}
  2. Close annular
  3. With **pumps** only, time how long it takes to regain the required manifold pressure.
  4. **Record elapsed time** 2:20. **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}



# INVOICE

92B010927

Company Mewbourne Oil Co. Date 6-12-10 Start Time ☐ am ☐ pm  
Lease Burton 4 Fed 3-H County Eddy State NM  
Company Man \_\_\_\_\_  
Wellhead Vendor \_\_\_\_\_ Tester Clat Laughlin  
Drig. Contractor Patterson Rig # 45  
Tool Pusher Bill Lauer  
Plug Type C-22 Plug Size 11" Drill Pipe Size \_\_\_\_\_  
Casing Valve Opened yes Check Valve Open yes

[illegible]

8	HR@	1000
8	HR@	680
Mileage	140	@ 140

MASTER PRINTERS 575.396.3661

SUB TOTAL	\$2030.00
TAX	109.12
TOTAL	\$2,139.12

# SCARBROUGH, INC.

SPECIALIZING IN NEW AND EXPERIENCED EQUIPMENT  
VALVE AND CHOKE REPAIR

DELIVERY TICKET

NR 37878

P.O. BOX 1588

PHONE (575) 397-1312

FAX (575) 393-0597

HOBBS, NEW MEXICO 88241-1588

SOLD TO

Patterson/UTI

MAILING ADDRESS

CITY, STATE, ZIP

ORDERED BY

Mike Underation

DATE

6-13-10

SHIPPED TO

RIG #45

Burton "4" Fed #3H

QUANTITY ORDERED		UNIT PRICE	AMOUNT
6	1/1rs Labor to install New Plunger Shafts Bushings & packing IN triplex Dump on Closing (changed from 3/4" to 1")		
	Dump test @ 1:28 Sec.		
1	Plunger Set (3) Rods, Bushings & packing		
124	miles round trip		
	Bill Lauer 6-12-10		
		TOTAL	

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## 2. Name of Operator

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PO Box 5270 Hobbs, NM 88240

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

575-393-5905

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

810' FNL &amp; 200' FEL Sec 4-T20S-R29E Unit A (Surface Location)

## 5. Lease Serial No.

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Attached report indicates chloride levels from samples obtained from the flowline as per the requirements of the NMOCD while drilling from the 1st intermediate casing setting depth at 1358' to the 2nd intermediate casing setting depth at 3300'. If you have any questions, please call Frosty Lathan at 393-5905 (office).

1400' @ 530 MG/L	1800' @ 2400 MG/L	2200' @ 2600 MG/L	2600' @ 2600 MG/L	3000' @ 4600 MG/L
1500' @ 600 MG/L	1900' @ 2400 MG/L	2300' @ 4400 MG/L	2700' @ 2600 MG/L	3100' @ 3000 MG/L
1600' @ 920 MG/L	2000' @ 1700 MG/L	2400' @ 2700 MG/L	2800' @ 2400 MG/L	3200' @ 3100 MG/L
1700' @ 1900 MG/L	2100' @ 1600 MG/L	2500' @ 2500 MG/L	2900' @ 2800 MG/L	3300' @ 3000 MG/L

At 1693' losing 90% returns. Maintained good circulation w/aerated fluid to casing point @ 3300'.

cc: NMOCD

ACCEPTED FOR RECORD

JUL - 6 2010

/s/ Roger Hall

BUREAU OF LAND MANAGEMENT  
CARLSBAD FIELD OFFICE14. I hereby certify that the foregoing is true and correct  
Name (Printed/Typed)

Jackie Lathan

Title Hobbs Regulatory

Signature

Date 06/24/10

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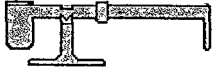
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DJ



Nova Mud, Inc.  
419 W. Cain  
Hobbs, NM, 88240  
(575) 393 - 8786

6/21/2010



CHLORIDES FOR DEPTHS OF 1400' - 3300'

1,400' - 530  
1,500' - 600  
1,600' - 920  
1,700' - 1,900  
1,800' - 2,400  
1,900' - 2,400  
2,000' - 1,700  
2,100' - 1,600  
2,200' - 2,600  
2,300' - 4,400  
2,400' - 2,700  
2,500' - 2,500  
2,600' - 2,600  
2,700' - 2,600  
2,800' - 2,400  
2,900' - 2,800  
3,000' - 4,600  
3,100' - 3,000  
3,200' - 3,100  
3,300 - 3,000

*BURTON & Co. Con #3H*  
*(MENBOURNE OIL Co.)*

1 BOTTLE WITH INITIAL WATER ON IT - 1,000 CHLORIDES.

*PD*