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Form 3160-5  
(September 2001)  
DEC 16 2008

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

OCD-HOBBS

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

HOBBSOCD

**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 88241

3b. Phone No. (include area code)  
575-393-5905

4. Location of Well (Footage, Sec., T, R., M., or Survey Description)  
660' FSL & 660' FWL Sec 21-T20S-R36E Unit M

5. Lease Serial No.

NM-89873

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.

Paloma 21 Federal Com #1

9. API Well No.

30-025-38817

10. Field and Pool, or Exploratory Area  
Osudo Morrow North 37065

11. County or Parish, State

Lea 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 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	

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.)

10/26/08...MI & spud 17 1/2" hole. TD hole at 1739'. Ran 1739' 13 3/8" 54.5# J55 ST&C csg. Cemented with 900 sks BJ Lite Class C (35:65:6) with additives. Mixed @ 12.5 #/g w/ 2.01 yd. Tail with 400 sks Class C with 1% CaCl2. Mixed @ 14.8 #/g w/ 1.34 yd. Plug down @ 12:15 pm 10/30/08. Circ 97 sks to pits. 10/31/08, tested 13 3/8" csg & BOPE to 1500# for 30 minutes, held OK. Drilled out with 12 1/4" bit.

11/03/08...TD'ed 12 1/2" hole @ 3552'. Ran 3552' 9 5/8" 40# N80/J55 LT&C Csg. Cemented with 800 sks BJ Lite Class C (35:65:6) with additives. Mixed @ 12.5# /g w/ 2.05 yd. Tail w/400 sks Class C w/additives. Mixed @ 14.8 #/g w/ 1.33 yd. Plug down @ 2:45 pm 11/03/08. Circ 97 sks to pit. At 11:00 pm on 11/04/08, tested 9 5/8" csg to 1500# for 30 minutes, held OK. Tested BOPE to 5000# & annular to 2500#. Held OK. Chart & Schematic attached. Drilled out with 8 3/4" bit.

ACCEPTED FOR RECORD

Nov. 28  
OCT 22 2008

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

-- Jackie Lathan

Title Hobbs Regulatory

Date 11/13/08

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.

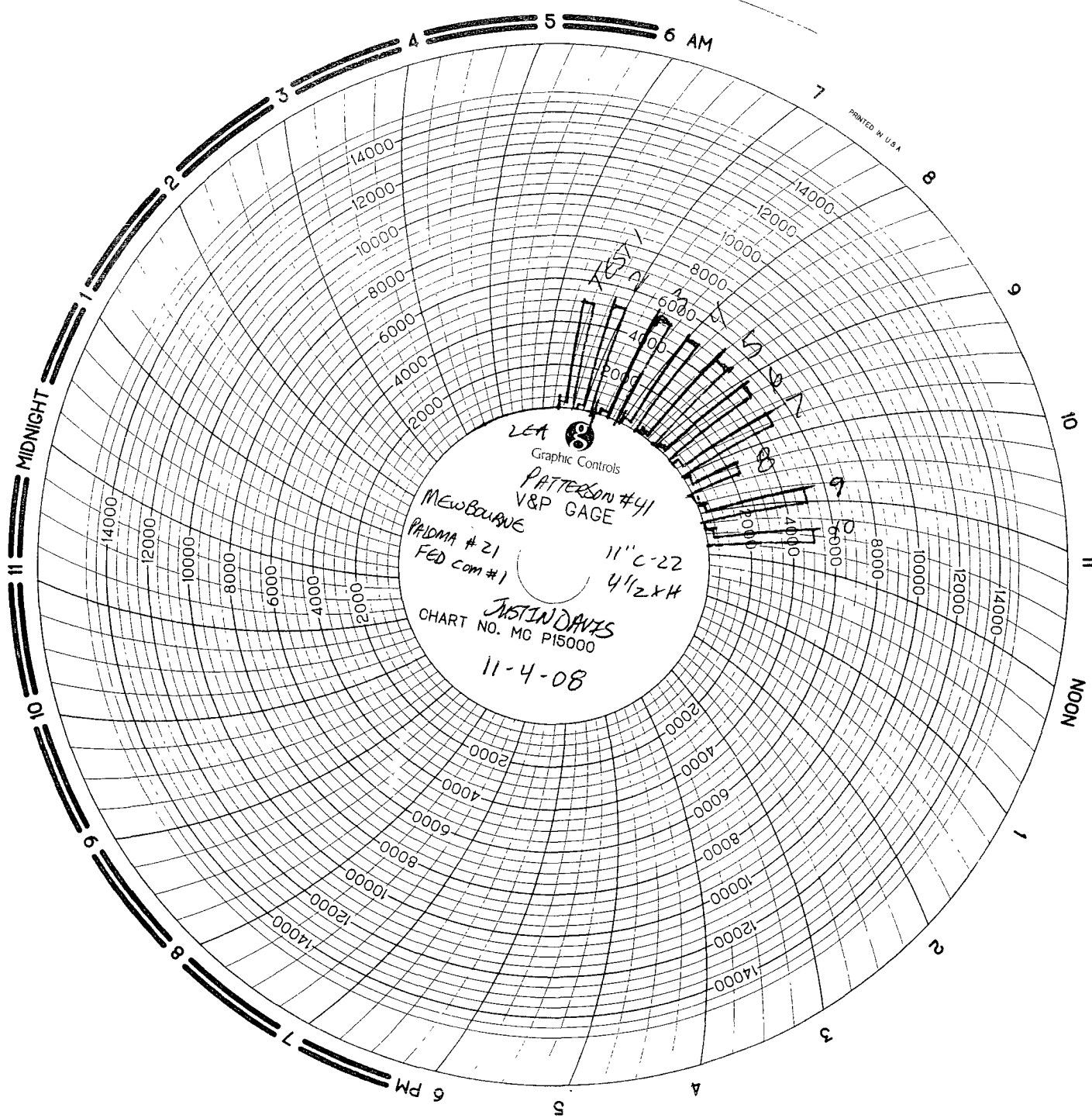
Office

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.

(Continued on next page)

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# MAN WELDING SERVICES, INC

Company MEADOWS Date 11-1-88

Lease KILLUMA #21 FED COM #1 County LEA

Drilling Contractor HATTERSON #41 Plug & Drill Pipe Size 11 1/2 2 1/2 11 1/2

## 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** 1350 **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** 1:28 **. 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  
N° B 09515

8 HR@ \$1200.00  
Mileage 84 @ 126.00

**TOTAL** \$1608.02

# SCARBROUGH, INC.

816 W. BYERS • P.O. BOX 1588  
HOBBS, NEW MEXICO 88241  
(575) 397-1312

## ACCUMULATOR INSPECTION

COMPANY AND RIG Patterson/OTI Rig #41

DESCRIPTION Koomey Style Unit 5 Station 8-20 gal bottles

ACCUMULATOR PRECHARGE 1100 PSI

ACCUMULATOR OPERATING PRESSURE 3000 PSI

MANIFOLD REGULATED OPERATING PRESSURE 1900 PSI

ANNULAR REGULATED PRESSURE 1500 PSI

ELECTRIC PUMP PRESSURE SWITCH SETTINGS 0-3m PSI,  
AUTO OFF 3000 PSI AND AUTO ON 2600 PSI

LEAK CHECK (INTERNAL/RESERVOIR ✓), (EXTERNAL ✓)

STORAGE PRESSURE GALLONS (IN BOTTLES) 80 gals

TANK GALLONS TOTAL 271

TOTAL TIME TO RE-CHARGE SYSTEM 10 mins 21 sec.

NOTES Cleaned - inside screens

Charge bottles

<u>1100</u>	<u>1000</u>	<u>800</u>	<u>1000</u>	<u>1100</u>	<u>1100</u>	<u>800</u>	<u>500</u>
<u>1100</u>	<u>1100</u>	<u>1100</u>	<u>1100</u>	<u>1100</u>	<u>1100</u>	<u>1100</u>	<u>1100</u>

DATE 10-31-08 INSPECTED BY T. J. [Signature]