Form 3160-5
(September 2001)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Oil Cons.
N.M. DIV-Dist. 2
1301 W. Grand Avenue
Artesia, NM 88210

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.***

**SUBMIT IN TRIPLICATE - Other instructions on reverse side**

5. Lease Serial No.
NMNM-0144698

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.
33244

1. Type of Well
☐ Oil Well ☑ Gas Well ☐ Other

8. Well Name and No.
Colt 5 Federal #1

2. Name of Operator
Mewbourne Oil Company 14744

9. API Well No.
30-015-33151

3a. Address
PO Box 5270 Hobbs, NM 88240

3b. Phone No. *(include area code)*
505-393-5905

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

4. Location of Well *(Footage, Sec., T, R., M., or Survey Description)*
1650' FNL & 1650' FEL, Unit Letter G of Sec 5-T20S-R29E

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 | | | |
|---|---|---|---|---|
| ☐ Notice of Intent | ☐ Acidize | ☐ Deepen | ☐ Production (Start/Resume) | ☐ Water Shut-Off |
| ☑ Subsequent Report | ☐ Alter Casing | ☐ Fracture Treat | ☐ Reclamation | ☐ Well Integrity |
| ☐ Final Abandonment Notice | ☐ Casing Repair | ☐ New Construction | ☐ Recomplete | ☑ Other Intermediate Csg |
| | ☐ Change Plans | ☐ Plug and Abandon | ☐ Temporarily Abandon | |
| | ☐ Convert to Injection | ☐ Plug Back | ☐ 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 recomplete 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 recompletion 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.)

01/17/04...TD'd hole @3069'. Ran 3069' 9 5/8" 40# N80/K55 LT&C csg. Cemented w/ 300 sks Thixsad "H" w/ additives. Mixed @ 14.6 #/g w/ 1.52 yd. Followed w/ 900 sks 35:65:6 Class "C" w/ additives. Mixed @ 12.5 #/g w/ 1.96 yd. Tail w/200 sks Class C w/2% CaCl2. Mixed @ 14.8 #/g w/ 1.34 yd. WOC18 hrs and ran Temp Survey. TOC @ 2240'. 1" in 8 stages as listed below:

Cmt 1st Plug @ 1900' w/25 sks "C" Neat w/5% CaCl2. WOC. Tag @ 1835'.
Cmt 2nd Plug @ 1809' w/25 sks "C" Neat w/5% CaCl2. WOC. Tag @ 1740'.
Cmt 3rd Plug @ 1710' w/50 sks "C" Neat w/5% CaCl2. WOC. Tag @ 1642'.
Cmt 4th Plug @ 1591' w/50 sks "C" Neat w/5% CaCl2. WOC. Tag @ 1441'.
Cmt 5th Plug @ 1409' w/50 sks "C" Neat w/5% CaCl2. WOC. Tag @ 1386'.
Cmt 6th Plug @ 1343' w/100 sks "C" Neat w/4% CaCl2. WOC. Tag @ 870'.
Cmt 7th Plug @ 809' w/150 sks "C" Neat w/4% CaCl2. WOC. Tag @ 397'.
Cmt 8th Plug @ 336' w/110 sks "C" Neat (Circ 10 sks to pit). ND BOP.

*Test BOPE as required. All equipment passed. Charts and schematic attached. Drill out w/ 8 3/4" bit.

ACCEPTED FOR RECORD
JAN 23 2004
LES BABYAK
PETROLEUM ENGINEER

14. I hereby certify that the foregoing is true and correct
Name *(Printed/Typed)* Kristi Green
Title Hobbs Production Analyst
Signature Kristi Green
Date 01/20/04

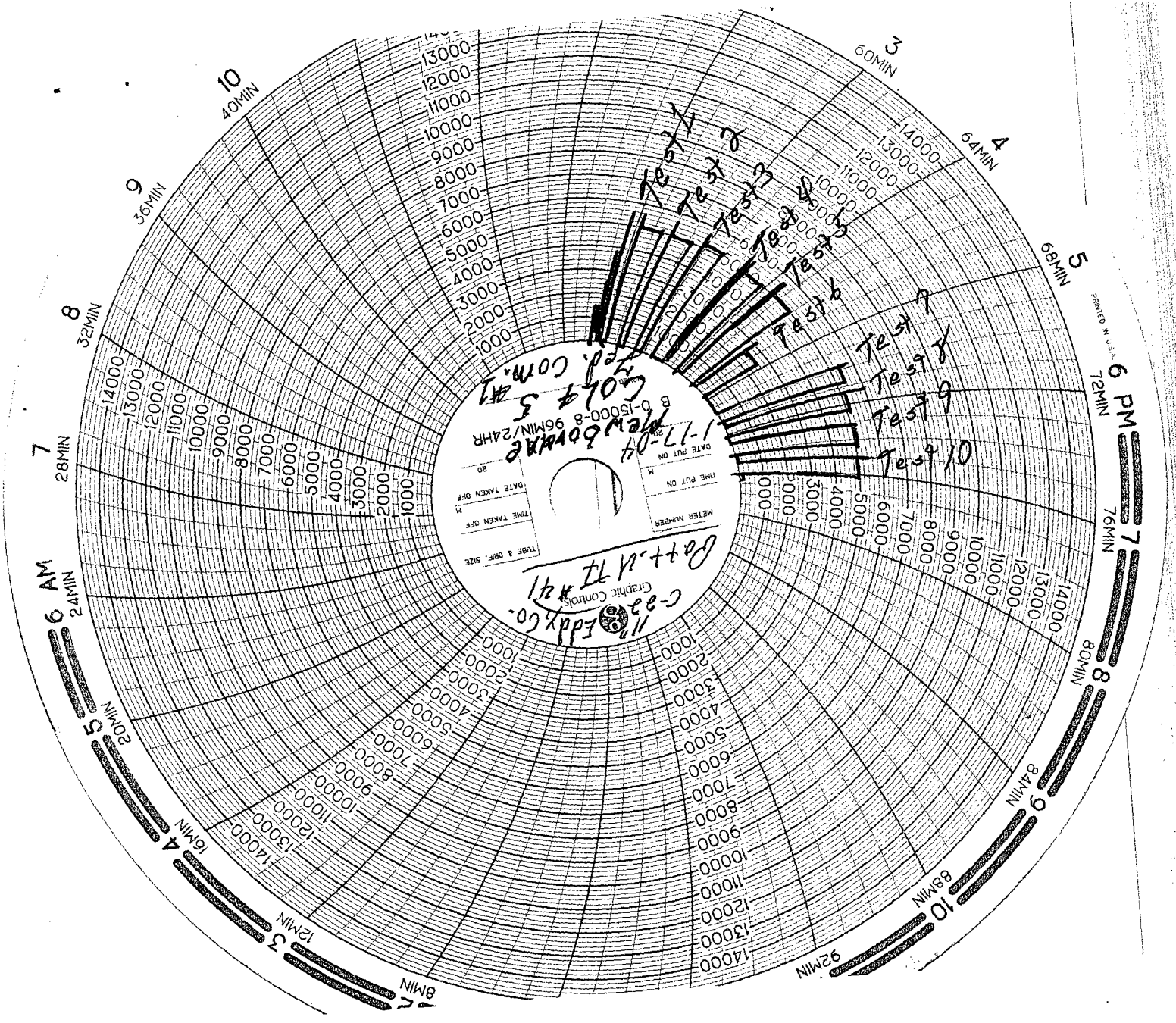
THIS SPACE FOR FEDERAL OR STATE OFFICE USE

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.

*(Continued on next page)*

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ASC Rev. 06/02

# Accumulator Function Test - OO&GO#2

**To Check - USABLE FLUID IN THE NITROGEN BOTTLES** ( III.A.2.e.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** 1800 **psi. Test Fails if pressure is lower that 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** 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 O 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** 1:38 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}

| Accumulator working pressure rating | Minimum acceptable operating pressure | Desired precharge pressure | Maximum acceptable precharge pressure | Minimum acceptable precharge pressure |
|---|---|---|---|---|
| 1,500 psi | 1,500 psi | 750 psi | 800 psi | 700 psi |
| 2,000 psi | 2,000 psi | 1,000 psi | 1,100 psi | 900 psi |
| 3,000 psi | 3,000 psi | 1,000 psi | 1,100 psi | 900 psi |

**Usable Fluid = ½ of bottle volume.** {11 gal.= 5.5 gal } {10 gal.= 5 gal.} { 80 gal. sphere = 40 gal.}
**Reservoir cap: Heigth**_____ **x Length**_____ **x Width.**_____ **x 0.004329 =** _____ **Gal.**

New Borne
Sol + 5 Fed. Com. #1

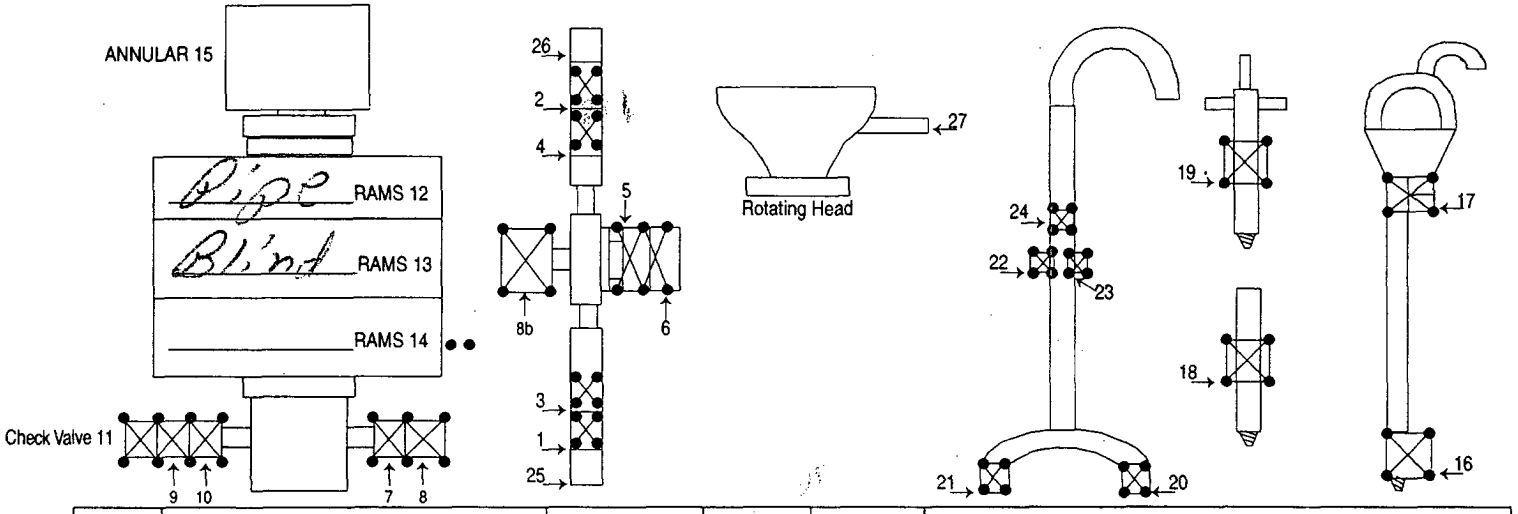
1-17-04
Eddy, Co.

# MAN WELDING SERVICES, INC.

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

**INVOICE**
No. B 2455

Company Newbourne Date 1-12-04 Start Time 12:00 ☐ am ☑ pm
Lease Colt 5 Fed. Com. #1 County Eddy State N.M.
Company Man
Wellhead Vender Tester R.N. Hostetter
Drlg. Contractor Patterson UTI #41 Rig #
Tool Pusher
Plug Type C-22 Plug Size 11" Drill Pipe Size 4½ XH
Casing Valve Opened Yes Check Valve Open Yes




| TEST # | ITEMS TESTED | TEST LENGTH | LOW PSI | HIGH PSI | REMARKS |
|---|---|---|---|---|---|
| 1 | 25,26,6,9,13 | 10 Min. | | 5000 | Had to tighten 4" Flange Outside of H.C.R. O.K |
| 2 | 1,2,5,10,13 | 10 | | 5000 | |
| 3 | 3,4,5,10,13 | 10 | | 5000 | |
| 4 | 7,11,12 | 10 | | 5000 | |
| 5 | 7,11,12 | 10 | | 5000 | |
| 6 | 7,11,15 | 10 | | 2500 | |
| 7 | 18 | 10 | | 5000 | |
| 8 | 16 | 10 | | 5000 | |
| 9 | 17 | 10 | | 5000 | |
| 10 | 19 | 10 | | 5000 | |
| | | | | | |
| | | | | | |
| | | | | | #8 Is H.C.R. Valve. |
| | | | | | #25 Is Super Choke. |
| | | | | | |
| | | | | | |

Thank You

8 HR@ 1½ = $900.00
HR@
Mileage @

SUB TOTAL $900.00
TAX $47.25
TOTAL $947.25