

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
OCD-ARTESIAFORM 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.
AUG 24 2009**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)

150' FNL & 1980' FEL, Sec 4-T20S-R29E Unit Letter B (Surface)

330' FSL & 1980' FEL, Sec 5-T20S-R29E Unit Letter O (BHL)

5. Lease Serial No.

NMNM-0144698

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.

Colt 5 Federal #2 H

9. API Well No.

30-015-37016 37170

10. Field and Pool, or Exploratory Area

Winchester Bone Spring

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 type="checkbox"/> Other Spud & cmt
	<input checked="" 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.)

07/31/09...MI & spud 26" hole. TD hole at 425'. Ran 425' 20" 94# K55 BT&C csg. Cemented with 180 sks Thixad Class H with additives. Mixed @ 14.6 #/g w/ 1.52 yd. Followed w/650 sks (60:40) Class C w/additives. Mixed @ 13#/g w/1.58 yd. Tail w/200 sks Class C w/additives. Mixed @ 14.8 #/g w/ 1.34 yd. Plug down @ 4:30 am 08/02/09. Did not circ cmt. Ran Temp Survey. TOC at 160'. TIH with 1" pipe. Tag at 181'. Ran 1" pipe and topped out cmt in 28 stages with 660 sks Class C mixed @ 14.8#/g w/1.34 and 200 sks Thixsad. Mixed @ 14.6 #/g w/ 1.52 yd. Circ 10 sks to pit. WOC. NU 20" Diverter system. Drilled out with 17 1/2" bit.

08/08/09..TD'ed 17 1/2" hole @ 1324'. Ran 1324' 13 3/8" 54.5# J55/H40 ST&C Csg. Cemented with 750 sks Premium Plus Class C w/additives. Mixed @ 13.5# /g w/ 1.75 yd. Tail w/200 sks Premium Plus Class C w/additives. Mixed @ 14.8 #/g w/ 1.35 yd. Plug down @ 1:30 am 08/09/09. Circ 97 sks to pit. At 9:15 pm on 08/08/09, tested BOPE & casing to 1250# for 30 mins, held OK. Chart & schematic attached. Drilled out with 12 1/4" bit.

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

Jackie Lathan

Title Hobbs Regulatory

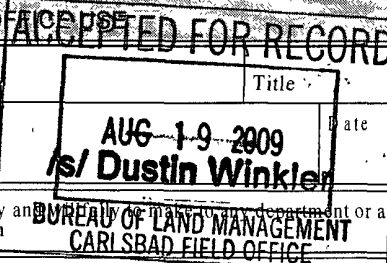
Signature

Date 08/13/09

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by (Signature)

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.

Name
(Printed/Typed)
Office

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 any statement or representation as to any matter within its jurisdiction.

(Continued on next page)

7

8

9

10

11

NOON

1

2

3

4

5

6 PM

7

8

9

10

11

MIDNIGHT

1

2

3

4

5

6 AM

14000

12000

10000

8000

6000

4000

2000

CHARTS
Graphic Controls
NEWBOLD E EDDY CO
Colts IV&P GAGE N.M.
FED 2H

PATTERSON REX ET
CHART NO. MC P15000
08/08/69

14000

12000

10000

8000

6000

4000

2000

14000

12000

10000

8000

6000

4000

2000

MAN WELDING SERVICES, INC

Company MEWBORNE Date 8/08/09
 Lease COLT "5" FEA 2H County EDDY Co N.M.
 Drilling Contractor PATTERSON R, 47 Plug & Drill Pipe Size CASING - 4 1/2 X H

Accumulator Function Test - OO&GO#2

To Check - **USABLE FLUID IN THE NITROGEN BOTTLES** (III.A.2.c.i. or ii or iii)
 $24" \times 10.8 = 259 \text{ gal}$

- 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)**

- $14 \times 36 \times 179 = 390 \text{ gal} / 36 = 10.8 \text{ gal Per 1"}$
 $2 \cdot 80 \text{ gal Bottles} = 80 \text{ gal.} + 259$
 $339 \text{ gal usable fluid}$
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 1850 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.)

1" VALVE IN CLOSE LINE ON HYDRILL

- 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}

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 1:38. 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}



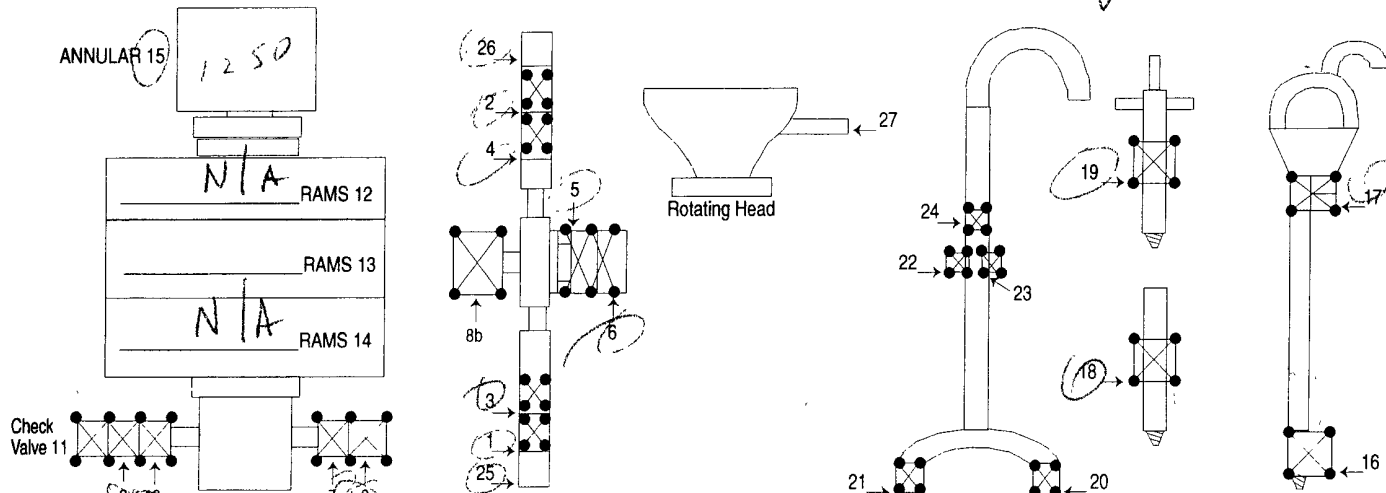
MAN
WELDING SERVICES

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

INVOICE

B10219

Company NEWBOURNE Date 8/08/09 Start Time 2:00 ☐ am ☒ pm
Lease Colt "S" FED 2H County EDDY State N.M.
Company Man WESLEY N.
Wellhead Vendor _____ Tester KENNY KIRKPATRICK
Drig. Contractor PATTERSON Rig # 47
Tool Pusher SAMMY
Plug Type CASING Plug Size _____ Drill Pipe Size 4 1/2 XH
Casing Valve Opened NO Check Valve Open yes



TEST #	ITEMS TESTED	TEST LENGTH	LOW PSI	HIGH PSI	REMARKS
1	1, 2, 6, 7	3/10	250	1250	Good test Thank you
2	25, 26, 5, 7	3/10	250	1250	
3	3, 4, 5, 7	3/10	250	1250	
4	19	3/10	250	1250	
5	15, 9, 8	3/10	250	1250	
6	14, 10, 7	3/10	250	1250	
7	18	3/10	250	1250	
8	17	3/10	250	1250	

8 HR@ 1000⁰⁰ 1000⁰⁰
2 HR@ 85⁰⁰ 170⁰⁰
Mileage 50 @ 100⁰⁰ 150⁰⁰

SUB TOTAL 1320⁰⁰
TAX 70⁷⁵
TOTAL 1390⁷⁵