

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD-ARTESIA 2007
OCD - ARTESIA, NM

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.

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

2. Name of Operator
Mewbourne Oil Company 14744

3a. Address 3b. Phone No. (include area code)

PO Box 5270 Hobbs, NM 88240 505-393-5905

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

660' FSL & 810' FEL Unit P of Sec 33-T19S-R29E

5. Lease Serial No.

NM-90807

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.

Wesson 33 Federal #1

9. API Well No.

30-015-35266

10. Field and Pool, or Exploratory Area

East Burton Flat Morrow

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 checked="" type="checkbox"/> Other Csg and 1"
	<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.)

01/02/07..TD'ed 17 1/2" hole @ 1335'. Ran 1335' 13 3/8" 54.5# J55 ST&C Csg. Cemented with 800 sks BJ Lite Class C 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 150 sks to pit. WOC 18 hrs. At 8:15 pm 01/02/07, tested 13 3/8" csg to 1250# for 30 mins, held OK. Drilled out with 12 1/4" bit.

01/08/07...Lost total returns at 2044'. Continue drlg with air on hole. TD 12 1/4" hole at 3290'. Ran 3290' 9 5/8" 40# J55 ST&C csg. Cemented with 3 sks GW27 frac gel followed with 180 sks BJ Thixsad H with additives. Mixed @ 14.6 #/g w/ 1.52 yd. Followed with 800 sks BJ Lite Class C with additives. Mixed @ 12.5 #/g w/ 1.98 yd. Tail with 400 sks Class C with 2% CaCl2. Mixed @ 14.8 #/g w/ 1.34 yd. Did not circ cmt. Ran Temp Survey indicating TOC at 1820'. PU 1" pipe & tag @ 2045'. Ran 1" pipe in 8 stages with 900 sks Class C with 2% CaCl2. Mixed @ 14.8 #/g w/ 1.34 yd. Circ 10 sks to pit. WOC 18 hrs. At 7:45 am on 01/11/07, tested 9 5/8" casing to 1500# for 30 minutes, held OK. Charts and schematic attached. Drilled out with 8 3/4" bit.

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

Kristi Green

Title Hobbs Regulatory

Signature

Kristi Green

Date 01/10/07

Approved by (Signature)

Name
(Printed/Typed)

Office

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

JAN 31 2007

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.

PETROLEUM ENGINEER

(Continued on next page)

Accepted for record - NMOC

2/5/07

MAN WELDING SERVICES, INC

Company Newbourn Date 1-10-07

Lease Wesson 33 Fed. #1 County Eddy

Drilling Contractor Patt. UTI #48 Plug & Drill Pipe Size 11" C-22 / 4 1/2 X 7

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** 1400 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** 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** 1:41. **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}

**SPECIALIZING IN NEW AND EXPERIENCED EQUIPMENT
VALVE AND CHOKE REPAIR**

ME 31087

HOBBS, NEW MEXICO 88241-1588

ORDERED BY

SHIPPED TO

AMOUNT

the labor to inspect operation
of closing unit & pre-charge on
accumulable bottles & fill
to 1100 PSI @ nitrogen

Bottles nitrogen

miles round trip

TOTAL

7

PRINTED IN U.S.A.

8

9

10

11

NOON

1

2

3

4

5

6 PM

7

8

9

10

11

MIDNIGHT

2

3

4

5

6 AM

14000

12000

10000

8000

6000

4000

2000

1000

500

250

125

62.5

31.25

15.625

7.8125

3.90625

1.953125

0.9765625

0.48828125

0.244140625

0.1220703125

0.06103515625

0.030517578125

0.0152587890625

0.00762939453125

0.003814697265625

0.0019073486328125

0.00095367431640625

0.000476837158203125

0.0002384185791015625

0.00011920928955078125

5.9604644775390625e-05

2.9802322387695312e-05

1.4901161193847656e-05

7.450580596923828e-06

3.725290298461914e-06

1.862645149230957e-06

9.313225746154785e-07

4.656612873077392e-07

2.328306436538696e-07

1.164153218269348e-07

5.82076609134674e-08

2.91038304567337e-08

3:32 Eddy Co.
Chart Controls
Patt. 218
New Design
Wesson
337ed1

CHART NO. MC P15000
-10-07

4'8" x 14"

