

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Oil Cons.

N.M. Div-Dist. 2

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.

301 W. Grand Avenue
Albuquerque, NM 88210

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

5. Lease Serial No.

NM-03677

6. If Indian, Allottee or Tribe Name

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

34083

8. Well Name and No.

Patriot 30 Federal Com #1

9. API Well No.

30-015-33471

10. Field and Pool, or Exploratory Area

Scanlon Morrow 84920

11. County or Parish, State

Eddy, NM

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)

505-393-5905

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

1650' FSL & 1650' FWL, Sec 30-T20S-R29E Unit Letter K

RECEIVED

NOV 08 2004

BOPE TEST

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

TYPE OF ACTION

☐ Notice of Intent

☒ Subsequent Report

☐ Final Abandonment Notice

☐ Acidize

☐ Alter Casing

☐ Casing Repair

☐ Change Plans

☐ Convert to Injection

☐ Deepen

☐ Fracture Treat

☐ New Construction

☐ Plug and Abandon

☐ Plug Back

☐ Production (Start/Resume)

☐ Reclamation

☐ Recomplete

☐ Temporarily Abandon

☐ Water Disposal

☐ Water Shut-Off

☐ Well Integrity

☒ Other TD 9 5/8" and

BOPE Test

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.)

10/20/04...TD'd 12 1/4" hole @ 3000'. Ran 3000' 9 5/8" 40# P110/K55 LT&C csg. Cemented with 10 bbls GW27 frac gel followed with 180 sks Thixotropic with additives. Mixed @ 14.6 #/g with 1.52 cf/sk yd. Followed with 725 sks 35:65:6 Poz Class C with additives. Mixed @ 12.5 #/g with 1.96 cf/sk yd. Tail with 400 sks Class "C" with 2% CaCl2. Mixed @ 14.8 #/g with 1.34 cf/sk yd. Plug down at 2:00 pm 10/19/04. Circulate 156 sks. WOC 18 hrs. At 10:00 am on 10/20/04, tested BOPE to 5000# and annular to 2500#. All equipment passed. Charts and schematic attached. At 10:00 am 10/20/04, tested 9 5/8" casing to 2800# for 30 mins, held OK. Drilled out with 8 3/4" bit.

ACCEPTED FOR RECORD

NOV - 2 2004

ALEXIS C. SWOBODA
PETROLEUM ENGINEER

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

Kristi Green

Title Hobbs Regulatory Asst

Signature

Date 10/27/04

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)

Accumulator Function Test - OO&GO#2

10-20-04
MEN BOURNE
PATRIOT 30 FEO Com H1
PATRICK #48
TESTER Billy Bell SR

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 1200 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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OOD-ARTESIA

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) 750
- 2. Close bleed line. Barely bump electric pump and see what pressure the needle jumps up to.
- 3. Record pressure drop 950 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 18 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: Height _____ x Length _____ x Width _____ x 0.004329 = _____ Gal.

BUS: 505 396-4540 • **FAX:** 505 396-0044



NO B 3203

11-1-5

REMARKS

HR@

Mileage_____@

TAX

5510

TOTAL

9551-

