

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB NO. 1004-0135  
Expires: November 30, 2000

**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.*

5. Lease Serial No.  
NM 011895 583

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.  
OTERO 4

9. API Well No.  
30-039-82328

10. Field and Pool, or Exploratory  
BALLARD PICTURED CLIFFS

11. County or Parish, and State  
RIO ARRIBA COUNTY, NM

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

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

2. Name of Operator  
CONOCO INC.

Contact: DEBORAH MARBERRY  
E-Mail: deborah.moore@usa.conoco.com

3a. Address  
P.O. BOX 2197 DU 3066  
HOUSTON, TX 77252

3b. Phone No. (include area code)  
Ph: 281.293.1005  
Fx: 281.293.5466

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
Sec 23 T24N R6W SWNE 1765FNL 1840FEL

**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
	<input type="checkbox"/> Change Plans	<input checked="" 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	

13. 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.)

In reference to NMNM-03560 et al. (WC) 3162.3-2(7100)

Conoco plugged this well 02/08/02 as per the attached daily summaries.

14. I hereby certify that the foregoing is true and correct.  
**Electronic Submission #10723 verified by the BLM Well Information System  
For CONOCO INC., sent to the Farmington**

Name (Printed/Typed) DEBORAH MARBERRY

Title SUBMITTING CONTACT

Signature (Electronic Submission)

Date 03/11/2002

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved By \_\_\_\_\_  
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

Date

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 to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**FOR RECORD**

**\*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\***

R 19 2002

NMOCD

SMITH OFFICE

# **A-PLUS WELL SERVICE, INC.**

P.O. BOX 1979  
Farmington, New Mexico 87499  
505-325-2627 \* fax: 505-325-

1211

Conoco Inc.

## **Otero Federal #4**

1765' FNL & 1840' FEL Section 23, T-24-N, R-6-W  
Rio Arriba County, NM  
Lease No. NM – 11583, API 30-039-82328

February 11, 2002

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## **Plug & Abandonment Report**

### **Cementing Summary:**

- Plug #1** with retainer at 2030', spot 51 sxs cement inside casing from 2030' to 1776' to isolate Pictured Cliffs perforations and to cover the Fruitland top.
- Plug #2** with 73 sxs cement with 2% Cacl<sub>2</sub> inside casing from 1778' to 1400' to cover Kirtland and Ojo Alamo tops.
- Plug #3** with 32 sxs cement inside casing from 447' to 336' to cover Nacimiento top.
- Plug #4** with 48 sxs cement inside casing from 220' to surface, circulate good cement out casing valve; TOH and LD tubing, and squeeze 12 sxs cement down casing, final pressure 500#.

### **Plugging Summary:**

Notified BLM on 2/5/02

**2-05-02** JSA. RU rig and handrails. SDFD.

**2-06-02** JSA. Open up well and blow down 90# tubing and 160# casing pressures; slight blow on bradenhead. ND wellhead. PU on tubing, 1" and stripped off wellhead. Strip on BOP and test. LD 22 joints and found 1-1/2" tubing. Changeover for 1-1/2" tubing and LD 49 joints 1-1/2" EUE tubing with 5' corroded piece of tubing. Found drilling mud on outside of 1-1/2" tubing, total tally 2,093'. Swap out float and change over to run 2-3/8" workstring. TIH and set 7" DHS retainer at 2030'. Pressure test tubing to 1000#, OK. Circulate well clean with 90 bbls water. SDFD.

**2-07-02** JSA. Pressure test casing to 700#, OK. Plug #1 with retainer at 2030', spot 51 sxs cement inside casing from 2030' to 1776' to isolate Pictured Cliffs perforations and to cover the Fruitland top. PUH to 1778' and reverse circulate well. Plug #2 with 73 sxs cement with 2% Cacl<sub>2</sub> inside casing from 1778' to 1400' to cover Kirtland and Ojo Alamo tops. R. Snow, BLM representative required 4 hours of WOC. Attempt to pressure test bradenhead annulus, leak from 600# to 0# in 3 minutes. TIH and tag cement at 1468'. R. Snow, BLM, approved top. PUH to 447'. Plug #3 with 32 sxs cement inside casing from 447' to 336' to cover Nacimiento top. TOH and LD tubing. SDFD.

**2-08-02** JSA. RU wireline and tag cement at 275'. Perforate 3 HSC squeeze holes at 150'. Unable to establish circulation out bradenhead. Attempt to pressure test bradenhead; pressured up. R. Snow, BLM, approved procedure change. TIH with open-ended tubing to 220'. Establish circulation out casing. Plug #4 with 48 sxs cement inside casing from 220' to surface, circulate good cement out casing valve; TOH and LD tubing, and squeeze 12 sxs cement down casing, final pressure 500#. WOC. Open BOP and tag cement at 3'. ND BOP. Dig out wellhead. J. Valdez, Conoco, issued hot work permit. Cut off wellhead. Found cement at

surface in annulus. Mix 5 sxs cement to fill casing and install P&A marker. RD.  
MOL.

R. Snow, BLM, was on location.