

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.  
NMNM020503

6. If Indian, Allottee or Tribe Name

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

**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.a.marberry@conoco.com

8. Well Name and No.  
PUBCO FEDERAL 1

9. API Well No.  
30-045-08819-00-S1

3a. Address  
PO BOX 2197, DU 3084  
HOUSTON, TX 77252-2197

3b. Phone No. (include area code)  
Ph: 832.486.2326  
Fx: 832.486.2717

10. Field and Pool, or Exploratory  
AZTEC PC

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

B Sec 1 T29N R11W NWNE 0990FNL 1650FEL  
36.75856 N Lat, 107.93904 W Lon

11. County or Parish, and State

SAN JUAN 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
	<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.)

Conoco plugged this well as per the attached summary.

14. I hereby certify that the foregoing is true and correct.

**Electronic Submission #15917 verified by the BLM Well Information System  
For CONOCO INC, sent to the Farmington  
Committed to AFMSS for processing by Steve Mason on 11/19/2002 (02SXM0443SE)**

Name (Printed/Typed) DEBORAH MARBERRY

Title SUBMITTING CONTACT

Signature (Electronic Submission)

Date 11/08/2002

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

Approved By

**ACCEPTED**

STEPHEN MASON  
Title PETROLEUM ENGINEER

Date 11/19/2002

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 Farmington

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.

**\*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\***

**NMOC**

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

P.O. BOX 1979  
Farmington, New Mexico 87499  
505-325-2627 \* fax: 505-325-1211

---

ConocoPhillips Inc.

October 28, 2002

### **Pubco Federal #1**

Page 1 of 2

990' FNL & 1650' FEL, Section 1, T-29-N, R-11-W

San Juan County, NM

### **Plug & Abandonment Report**

Lease Number: NMNM020503, API Number: 30-045-08819

#### **Cementing Summary:**

**Plug #1** with retainer at 1348', mix and pump 136 sxs cement, squeeze 112 sxs below retainer to fill Pictured Cliffs open hole, cover Fruitland top, and the parted 1" tubing, leave 34 sxs cement with 2% CaCl<sub>2</sub> above retainer.

**Plug #1a** with 8 sxs cement inside casing from 1092' to 1024' to cover the Kirtland.

**Plug #2** with retainer at 1000', mix and pump 105 sxs cement, squeezes 78 sxs outside 5-1/2" casing from 1050' to 885' and leave 28 sxs cement with 2% CaCl<sub>2</sub> inside casing up to 759' to cover Ojo Alamo top.

**Plug #3** with 148 sxs cement pumped down the 5-1/2" casing from 150' to surface, unable to get good cement returns out bradenhead, as required by BLM.

**Plug #3a** with 135 sxs cement pumped down the 5-1/2" casing from 150' to surface, circulate good cement out bradenhead.

**Plug #3b** with 12 sxs cement: first, fill 5-1/2" casing to surface with 4 sxs cement; second, then perform a hesitation squeeze on the bradenhead, squeezing 8 sxs cement into annulus at 1500# to 2500#, final pressure 1500#.

#### **Plugging Summary:**

Notified BLM on 10/22/02

**10-22-02** MOL. Held JSA. RU. Layout relief line to pit. Well pressures: tubing and casing 65#, bradenhead 60#. Blow well down. Kill well with 20 bbls of water. Found 1" tubing in well. ND wellhead and NU BOP. TOH and LD 66 joints 1" tubing, 1320'. Found tubing parted, left 50 joints in well according to records. Shut in well. SDFD.

**10-23-02** Held JSA. Blow down 60# casing and bradenhead pressures. Test BOP, held OK. Tally A-Plus 2-3/8" workstring. PU 5-1/2" casing scraper and TIH. Tag top of parted 1" tubing at 1364'. Pump 80 bbls of water and attempt establish circulation, could not load hole. TOH with tubing and LD scraper. Procedure change approved by S. Mason, BLM. TIH and set 5-1/2" DHS retainer at 1348'. Pressure test tubing to 1000#. Load casing and circulate well clean with 25 bbls of water. Attempt to pressure test casing, leak 1-1/2 bpm at 350#. Establish rate below the retainer at 2 bpm at 0#. Plug #1 with retainer at 1348', mix and pump 136 sxs cement, squeeze 112 sxs below retainer to fill Pictured Cliffs open hole, cover Fruitland top, and the parted 1" tubing, leave 34 sxs cement with 2% CaCl<sub>2</sub> above retainer. PUH and reverse circulate casing clean at 1060'. TOH with tubing. SI well and WOC. Attempt to pressure test casing, leak 2 bpm at 100#. RIH with wireline and tag cement at 1092', below Kirtland top.

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

P.O. BOX 1979  
Farmington, New Mexico 87499  
505-325-2627 \* fax: 505-325-1211

---

ConocoPhillips Inc.

October 28, 2002

## **Pubco Federal #1**

Page 2 of 2

990' FNL & 1650' FEL, Section 1, T-29-N, R-11-W

San Juan County, NM

## **Plug & Abandonment Report**

Lease Number: NMNM020503, API Number: 30-045-08819

### **Plugging Summary Continued:**

- 10-23-03** Continued: TIH with tubing and tag cement. Plug #1a with 8 sxs cement inside casing from 1092' to 1024' to cover the Kirtland. PUH and reverse circulate casing clean. Shut in well and WOC, required by BLM representatives on location.
- 10-24-02** Held JSA. RIH with wireline and tag cement at 1092'. Wait on orders from BLM. S. Mason, BLM, approved TOC. Perforate 3 squeeze holes at 1050'. TIH and set Baker 5-1/2" cement retainer at 1000'. Sting out and attempt to pressure test casing, pumped 5 bbls and established circulation out bradenhead. Sting into retainer and establish rate 1-1/2 bpm at 400#. Plug #2 with retainer at 1000', mix and pump 105 sxs cement, squeezes 78 sxs outside 5-1/2" casing from 1050' to 885' and leave 28 sxs cement with 2% CaCl<sub>2</sub> inside casing up to 759' to cover Ojo Alamo top. TOH with tubing. Shut in well and WOC. Load hole with 2 bbls water and attempt to pressure test, well circulated out bradenhead at 2 bpm at 100#. TIH with tubing and tag cement at 850'. TOH and LD tubing. Perforate 3 squeeze holes at 150'. Establish circulation out bradenhead with 6 bbls of water. Plug #3 with 148 sxs cement pumped down the 5-1/2" casing from 150' to surface, unable to get good cement returns out bradenhead, as required by BLM. Wait on water and cement trucks. Re-establish circulation out bradenhead with 2 bbls of water. Plug #3a with 135 sxs cement pumped down the 5-1/2" casing from 150' to surface, circulate good cement out bradenhead. Shut in well and WOC with 500# pressure. SDFD.
- 10-25-02** Held JSA. Open up well and tag cement at 35'. Remove cemented up bradenhead valve to check cement. Found green cement with a trickle water flow. Pressure test 5-1/2" casing to 500#, held OK. Attempt to pressure test bradenhead to 500#, bleed down to 400# in a minute. Plug #3b with 12 sxs cement: first, fill 5-1/2" casing to surface with 4 sxs cement; second, then perform a hesitation squeeze on the bradenhead, squeezing 8 sxs cement into annulus at 1500# to 2500#, final pressure 1500#. Shut in bradenhead and WOC. RD and MOL.
- 10-28-02** Held JSA. Remove valve on bradenhead. Found cement at surface in casing and annulus. Cut off wellhead and install P&A marker with 32 sxs cement.  
B. Vigil and V. Lucero, BLM representatives, on location.