

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.**

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

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

2. Name of Operator  
CONOCOPHILLIPS CO.

3a. Address  
P.O. BOX 2197 WL3 4061 HOUSTON TX 77252

3b. Phone No. (include area code)  
(832)486-2326

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
D, 990' FNL & 890' FWL  
SEC. 12, T25N, R4W

5. Lease Serial No.  
121

6. If Indian, Allottee or Tribe Name  
Jicarilla Apache

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

8. Well Name and No.  
AXI APACHE N #4

9. API Well No.  
30-039-06090

10. Field and Pool, or Exploratory Area  
SO. BLANCO PICTURED CLIFFS

11. County or Parish, State  
RIO ARRIBA  
NEW MEXICO

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" 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 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 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.)

ConocoPhillips proposes to plug and abandon this well as per the attached procedure. Also attached is a current and proposed wellbore schematic.

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

DEBORAH MARBERRY

Title

REGULATORY ANALYST

Signature

Date

07/15/2003

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

Approved by

/s/ David R. Sitzler

Title

Division of Multi-Resources

Date

JUL 24 2003

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 18 U.S.C. Section 1001, makes 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.

(Instructions on reverse)

## PLUG AND ABANDONMENT PROCEDURE

July 3, 2003

### AXI Apache N #4

South Blanco Pictured Cliffs

990' FNL & 890' FWL, Section 12, T25N, R4W

Rio Arriba County, New Mexico

Lat: N 36° 25' 6.3" / Long: W 107° 12' 33.5" / API # 30-039-06090

Note: All cement volumes use 100% excess outside pipe and 50' excess inside pipe. The stabilizing wellbore fluid will be 8.3 ppg, sufficient to balance all exposed formation pressures. All cement will be ASTM Type II, mixed at 15.6 ppg with a 1.18 cf/sx yield.

1. Install and test location rig anchors. Prepare blow pit. Comply with all NMOCD, BLM, and ConocoPhillips safety regulations. MOL and RU daylight pulling unit. Conduct safety meeting for all personnel on location. NU relief line and blow down well; kill with water as necessary. ND wellhead and NU BOP. Test BOP.
2. TOH and tally 122 joints 1-1/4" tubing (3760'). If tubing is NU or in poor condition, then LD and use a workstring. Round-trip 4-1/2" gauge ring or casing scraper to 3690' or as deep as possible.
3. **Plug #1 (Pictured Cliffs perforations and Fruitland, Kirtland and Ojo Alamo tops, <sup>3739</sup>3690' – 3295')**: TIH and set a 4-1/2" cement retainer at 3690'. Pressure test the tubing to 1000#. Load casing with water and circulate the well clean. Pressure test casing to 500#. If casing does not test, spot or tag subsequent plugs as appropriate. Mix 34 sxs cement and spot a balanced plug inside casing above the CR to isolate through the Ojo Alamo top. TOH with tubing.
4. **Plug #2 (Nacimiento top, 1725' – 1625')**: Perforate 3 HSC holes at 1725'. If casing pressure tested, then establish rate into squeeze holes. Set 4-1/2" cement retainer at 1675'. Establish rate below CR. Mix and pump 51 sxs cement, squeeze 39 sxs outside 4-1/2" casing and leave 12 sxs inside to cover the Nacimiento top. TOH and LD tubing.
5. **Plug #3 (8-5/8" Surface casing, 257' – Surface)**: Perforate 3 HSC holes at 257'. Establish circulation out bradenhead with water. Mix approximately 85 sxs cement and pump down the 4-1/2" casing to circulate cement to surface. Shut well in and WOC.
6. ND BOP and cut off casing below surface casing flange. Install P&A marker with cement to comply with regulations. RD, move off location, cut off anchors and restore location.

# AXI Apache N #4

## Proposed P&A

South Blanco Pictured Cliffs / API #30-039-06090

990' FNL, 890' FWL, Section 12, T-25-N, R-04-W, Rio Arriba County, NM

Lat: N 36° 25' 6.3" / Long: W 107° 12' 33.5"

Today's Date: 7/3/03

Spud: 7/1/65

Completed: 7/18/65

Elevation: 7216' GL

7226' KB

11" hole

8-5/8" 24# J-55 Casing @ 207'

Cement with 150 sxs (Circulated cement)

Perforate @ 257'

Plug #3: 257' - Surface  
Cement with 85 sxs

Nacimiento @ 1675'

Cmt Retainer @ 1675'

Perforate @ 1775'

Plug #2: 1725' - 1625'  
Cement with 51 sxs,  
39 outside casing  
and 12 sxs inside.

7-7/8" hole to 2470'

TOC @ 2753' (Calc, 75%)

Ojo Alamo @ 3345'

Plug #1: 3690' - 3295'  
Cement with 34 sxs

Kirtland @ 3440'

Fruitland @ 3493'

Pictured Cliffs @ 3765'

Set Cmt Retainer @ ~~3690'~~ 3739'

Pictured Cliffs Perforations:  
3740' - 3786'

6-3/4" hole to 3875'

PBTD 3829'

4-1/2" 10.5#, J-55 Casing @ 3875'  
Cement with 175 sx (207 cf)

TD 3875'

# AXI Apache N #4 Current

South Blanco Pictured Cliffs / API #30-039-06090

990' FNL, 890' FWL, Section 12, T-25-N, R-04-W, Rio Arriba County, NM

Lat: N 36° 25' 6.3" / Long: W 107° 12' 33.5"

Today's Date: 7/3/03

Spud: 7/1/65

Completed: 7/18/65

Elevation: 7216' GL  
7226' KB

11" hole

8-5/8" 24# J-55 Casing @ 207'  
Cement with 150 sxs (Circulated cement)

## Well History

Jun '71: Pull 2-3/8" tubing and ran 1-1/4" tubing.

Jun '02: Slickline: ran gauge ring to 3667'.

Nacimiento @ 1675'

1-1/4" Tubing set at 3760'  
(118 joints, 2.3#, IJ)

7-7/8" hole to 2470'

TOC @ 2753' (Calc, 75%)

Ojo Alamo @ 3345'

Kirtland @ 3440'

Fruitland @ 3493'

Pictured Cliffs @ 3765'

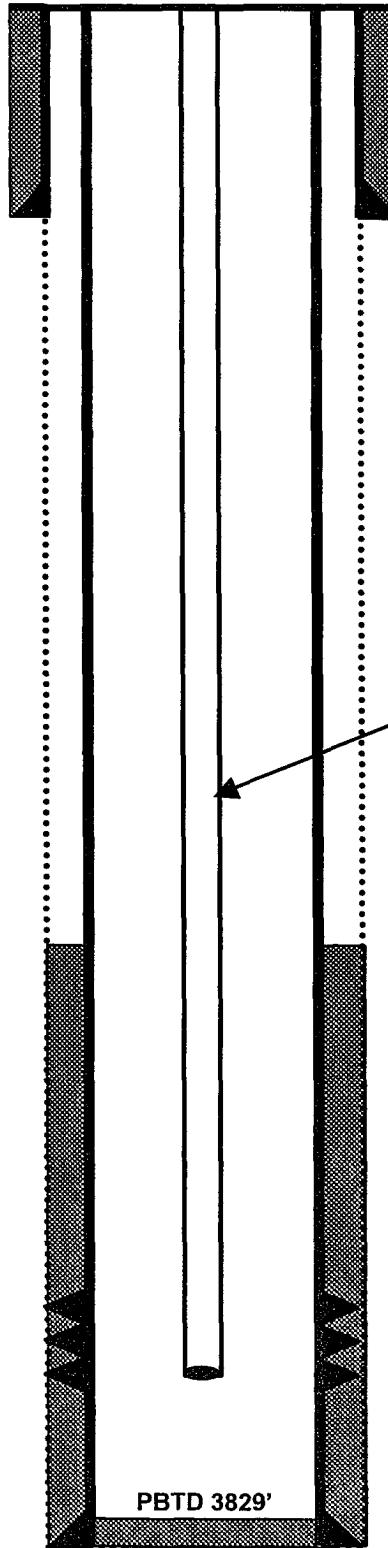
Pictured Cliffs Perforations:  
3740' – 3786'

6-3/4" hole to 3875'

PBTD 3829'

4-1/2" 10.5#, J-55 Casing @ 3875'  
Cement with 175 sx (207 cf)

TD 3875'



CONDITIONS OF APPROVAL FOR PERMANENT ABANDONMENT

Operator ConocoPhillips Co. Well Name AXI Apache N #4

1. Plugging operations authorized are subject to the "General Requirements for Permanent Abandonment of Wells on Federal Leases."
2. For wells on Federal leases, Al Yepa with the Cuba Field Office is to be notified at least 24 hours (48 hours if possible) before the plugging operations commence. His phone number is (505) 289-3748. Office hours are 7:45 a.m. to 4:30 p.m.

For wells on Jicarilla leases notify Bryce Hammond with the Jicarilla Apache Tribe at least 24 hours (48 hours if possible) before the plugging operations commence. His phone number is (505) 759-3485 ext. 31.

3. Blowout prevention equipment is required.
4. The following modifications to your plugging program are to be made :

None

## BLM CONDITIONS OF APPROVAL

The following surface rehabilitation Conditions of Approval must be complied with as applicable, before this well can be approved for final abandonment (see 43 CFR 3162.3-4). Surface rehabilitation work shall be completed within one year of the actual plugging date. Notification for completion of this work should be submitted with a Sundry Notice. Questions? Call Lucas Vargo (505) at 289-3748 or (505) 761-8700.

1. All fences, production equipment, purchaser's equipment, concrete slabs, deadman (anchors), flowlines, risers, debris and trash must be removed from the location. Non-retrieved flowlines and pipelines will be abandoned in accordance with State Rule 714. Information supporting the non-retrieval will be included in the subsequent report or final abandonment Sundry Notice.

2. Production pits will be closed according to the Unlined Surface Impoundment Closure Guidelines, as approved in the Environmental Assessment of December 1993. Any oil stained soils can be remediated on-site according to these guidelines or disposed of in a an approved facility.

3. The well pad will be shaped to the natural terrain and left as rough as possible. All compacted areas and areas devoid of vegetation shall be ripped/disked to a minimum of 12" in depth before reseeding.

4. Access roads will be shaped to conform to the natural terrain and left as rough as possible to deter vehicle travel. Access will be ripped to a minimum of 12" in depth, water barred and reseeded. All erosion problems created by the development must be corrected prior to acceptance of release. Water bars should be spaced as shown below along the fall line of the slope:

% Slope	Spacing Interval
Less than 20%	200'
2 to 5 %	150'
6 to 9 %	100'
10 to 15 %	50'
Greater than 15%	30'

5. All disturbed areas will be seeded with the prescribed certified seed mix (reseeding may be required). Seed mix must be certified weed free to avoid the introduction of noxious weeds. Refer to the original APD for seed mix.

6. Notify Surface Managing Agency seven (7) days prior to seeding so that they may be present to witness.

7. The period of liability under the bond of record will not be terminated until the well is inspected and the surface rehabilitation approved.

Other Surface Managing Agencies (SMA's) may vary slightly in their restoration requirements. It is your responsibility, as the operator, to obtain surface restoration requirements from other SMA's. We need to be provided with a copy of these requirements. Any problems concerning stipulations received from other SMA's should be brought to us. On private land, a letter from the fee owner stating that the surface restoration is satisfactory will be provided to the office. Questions? Call Lucas Vargo at (505) 289-3748 or (505) 761-8700.