

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 <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		8. Well Name and No. AXI APACHE N 11
2. Name of Operator CONOCO INC.		9. API Well No. 30-039-21255
3a. Address P.O. BOX 2197 DU 3066 HOUSTON, TX 77252		10. Field and Pool, or Exploratory BLANCO MESAVERDE/BLANCO P
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 12 T25N R4W SESE 790FSL 990FEL		11. County or Parish, and State RIO ARriba COUNTY, NM

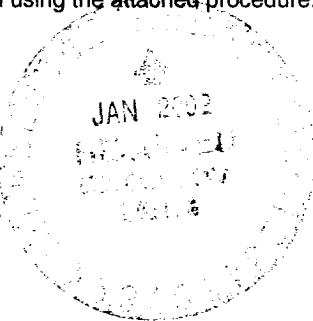
12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

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

MUST BE IN COMPLIANCE WITH  
RULE 202  
BY 3-15-02



14. I hereby certify that the foregoing is true and correct. <b>Electronic Submission #9066 verified by the BLM Well Information System For CONOCO INC., sent to the Rio Puerco Committed to AFMSS for processing by Angie Medina-Jones on 11/20/2001 ()</b>	
Name (Printed/Typed) DEBORAH MARBERRY	Title SUBMITTING CONTACT
Signature (Electronic Submission)	Date 11/16/2001

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By <u>[Signature]</u>	Lands and Mineral Resources	Date <u>11/17/00</u>
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

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.

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

# AXI Apache N #11

Current

Blanco Mesaverde & South Blanco Pictured Cliffs  
(P) Section 12, T-25-N, R-04-W, Rio Arriba County, NM

Lat N 36° 24' 32.328" / Long W 107° 11' 52.08"

Today's Date: 11/14/01

Spud: 8/11/76

Completed: 9/21/76

Elevation: 7289' GL

7299' KB

API #30-039-21255

12-1/4" hole

*Spud  
11/17/01*

Nacimiento @ 1650'

Ojo Alamo @ 3405'

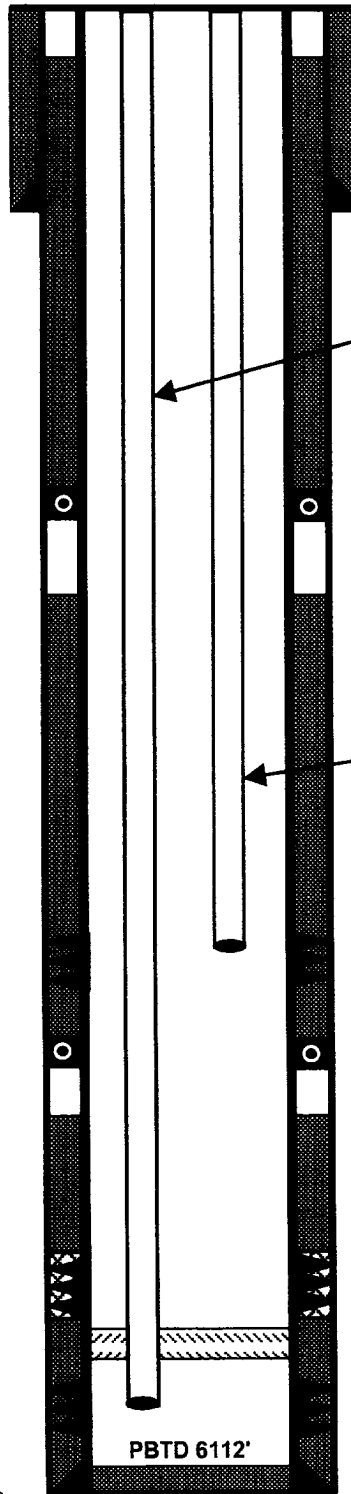
Kirtland @ 3520'

Fruitland @ 3600'

Pictured Cliffs @ 3802'

Mesaverde @ 5465'

7-7/8" hole



TOC @ 36' (Calc. 75%)

8-5/8" 24# Casing @ 560'  
Cmt with 310 sxs (Circulated to Surface)

2-3/8" Tubing set at 6020'  
(191 joints 2-3/8", then packer at  
5924' with 3 joints 2-1/16" tailpipe)

DV Tool @ 1773'  
Cmt with 300 sxs (401 cf)

TOC @ 2636' (Calc. 75%)

1-1/4" Tubing set at 3842'  
(119 joints, IJ)

Pictured Cliffs Perforations:  
3840' - 3848'

DV Tool @ 4015'  
Cmt with 240 sxs (334 cf)

TOC @ 3852' (Calc. 75%)

CH Mesaverde Perforations:  
5483' - 5878' (Sqzd with 250 sxs, 1984)

Baker Model "D" Packer @ 5924'

Lower Mesaverde Perforations:  
6010' - 6030'

5-1/2" 15.5# Casing @ 6212'  
Cmt with 373 sx (545 cf)

**Proposed P & A**

**Blanco Mesaverde & South Blanco Pictured Cliffs  
(P) Section 12, T-25-N, R-04-W, Rio Arriba County, NM**

**Lat N 36^ 24"32.328" / Long W 107^ 11"52.08"**

Today's Date: 11/14/01  
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Completed: 9/21/76  
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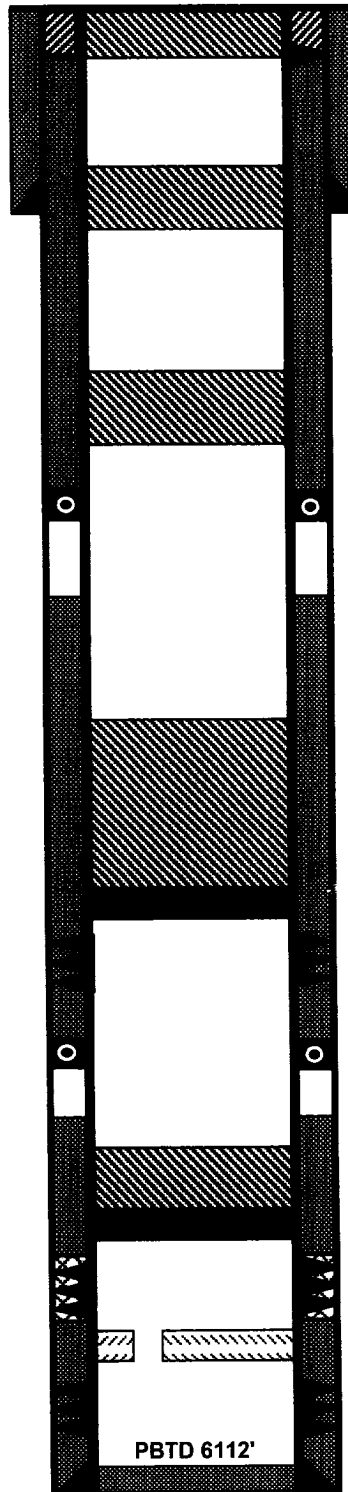
Kirtland @ 3520'

Fruitland @ 3600'

Pictured Cliffs @ 3802'

Mesaverde @ 5465'

7-7/8" hole



**TD 6212'**

**Plug #5: 50'- Surface**  
Cmt with ~~20~~ sxs

TOC @ 36' (Calc. 75%)

### Perforate at 50'

8-5/8" 24# Casing @ 560'  
Cmt with 310 sxs (Circulated to Surface) 750'

**Plug #4: 610'- 510**  
Cmt with 17 sxs

**Plug #3: 1700'-1600'**  
Cmt with 17 sxs

DV Tool @ 1773'  
Cmt with 300 sxs (401 cf)

TOC @ 2636' (Calc. 75%)

**Plug #2: 3790'-3355'**  
Cmt with 55 sxs

**Set 5-1/2" CIBP @ 3790'**

Pictured Cliffs Perforations:  
3840' - 3848'

DV Tool @ 4015'  
Cmt with 240 sxs (334 cf)

TOC @ 3852' (Calc. 75%)

**Plug #1: 5433'-5333'**  
Cmt with 17 sxs

**Set 5-1/2" CIBP @ 5433'**

CH Mesaverde Perforations:  
5483' – 5878' (Sqzd with 250 sxs, 1984)

Baker Model "D" Packer @ 5924'

Lower Mesaverde Perforations:  
6010' - 6030'

5-1/2" 15.5# Casing @ 6212'  
Cmt with 373 sx (545 cf)

## PLUG AND ABANDONMENT PROCEDURE

11/14/01

### **AXI Apache N #11**

Blanco Mesaverde & South Blanco Pictured Cliffs  
790' FSL & 990' FEL, (P) Section 12, T25N, R4W  
Rio Arriba County, New Mexico  
API 30-039-21255

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 Conoco 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 with 119 joints 1-1/4" IJ tubing and LD. Release seal assembly from Model D packer at 5924'. TOH with 194 joints tubing and LD seal assembly. Visually inspect the tubing, if necessary, LD and PU workstring. Round-trip 5-1/2" gauge ring or casing scraper to 5433'.
3. **Plug #1 (Mesaverde perfs, 5433' – 5333')**: Set 5-1/2" wireline CIBP at 5433'. If available, use dump bailer to spot 50' of cement above the CIBP. If not available then TIH and set CR at 5433'. Pressure test tubing to 1000#. Pump 50 bbls water down the tubing. Mix 17 sxs cement and spot above the CR to isolate the Mesaverde perforations. TOH with tubing.
4. **Plug #2 (Pictured Cliffs perfs, Fruitland top, Kirtland top, and Ojo Alamo top, 3790' – 3355')**: Set 5-1/2" wireline CIBP or CR at 3790'. TIH with open-ended tubing and tag. Load casing with water and circulate well clean. Pressure test casing to 500#. If casing does not test, then spot or tag subsequent plugs as appropriate. Mix 55 sxs cement and spot a balanced plug inside casing above the CIBP to cover through the Ojo Alamo top. PUH to 1700'.
5. **Plug #3 Nacimiento top, 1700'-1600')**: Mix 17 sxs cement and spot a balanced plug inside the casing to cover the Nacimiento top. PUH to 610'.
6. **Plug #4 (8-5/8" Surface casing, 610' – 510')**: Pressure test the bradenhead annulus to 300#. If able to pump into the bradenhead, then modify procedure as appropriate. If tests, then mix 17 sxs cement and spot a balanced plug inside the casing to cover the surface casing shoe.
7. **Plug #5 (Surface)**: Perforate 2 squeeze holes at 50'. Establish circulation out bradenhead with water. Mix approximately 20 sxs cement and pump down the 5-1/2" casing to circulate cement to surface. Shut well in and WOC.
8. 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.

IN REPLY REFER TO  
3162.3-1 (017)

UNITED STATES DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT  
Albuquerque Field Office  
435 Montano N.E.  
Albuquerque, New Mexico 87107

Company Conoco Inc.

Well No. Axi Apache N 11

Location 790' FNL & 990' FEL Sec. 12, T25N, R4W, NMPM

Lease No. Jicarilla Contract 121

Government Contacts:

Bureau of Land Management , Albuquerque Field Office Office 505.761.8700  
Manager: Steve Anderson, Assistant Field Manager 505.761.8982  
Petroleum Engineer: Brian W. Davis 505.761.8756, Home 505.323-8698,  
Pager 505.969.0146, Cell 505.249.7922,  
Petroleum Engineering Technician: **Bryce Hammon, Office 505.759.1823, x-31, Cell 505.320.9741**  
BLM Geology / Environmental Contact: Patricia M. Hester 505.761.8786

**GENERAL REQUIREMENTS**  
**FOR**  
**OIL AND GAS OPERATIONS FEDERAL & INDIAN LEASES**

1. Plugging operations authorized are subject to the "General Requirements for Permanent Abandonment of Wells on Federal and Indian Leases."
2. For wells on Indian leases, Bryce Hammond with the Jicarilla Nation Tribal Oil and Gas Office is to be notified at least 24 hours (48 hours if possible) before the plugging operations commence. His phone number is (505) 759-1823, x-31 office, (505) 320-9741 cell. Office hours are 7:45 a.m. to 4:30 p.m.
3. Blowout prevention equipment is required.
4. The sundry is approved with the following change:  
  
Plug # 5, increase to 100' and 34 sacks.

## 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 Pat Hester at (505) 761-8786.

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 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 to a minimum of 12" in depth before reseeded.

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 Pat Hester at (505) 761-8786.