

RECEIVED

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

AUG 15 2011

Sundry Notices and Reports on Wells

Farmington Field Office  
Bureau of Land Management1. Type of Well  
GAS

2. Name of Operator

ConocoPhillips

3. Address &amp; Phone No. of Operator

PO Box 4289, Farmington, NM 87499 (505) 326-9700

4. Location of Well, Footage, Sec., T, R, M

Unit A (NENE), 1190' FNL &amp; 1190' FEL, Section 4, T25N, R4W, NMPM

5. Lease Number  
Jicarilla Contract 122  
6. If Indian, All. or  
Tribe Name  
Jicarilla Apache  
7. Unit Agreement Name

8. Well Name & Number  
AXI Apache O 8

9. API Well No.  
30-039-21216

10. Field and Pool  
South Blanco Pictured Cliffs

11. County and State  
Rio Arriba, NM

## 12. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OTHER DATA

Type of Submission

Type of Action

☒

Notice of Intent

☒

Abandonment

☐

Change of Plans

☐

Other --

☐

Subsequent Report

☐

Recompletion

☐

New Construction

☐

Final Abandonment

☐

Plugging

☐

Non-Routine Fracturing

☐

Casing Repair

☐

Water Shut off

☐

Altering Casing

☐

Conversion to Injection

## 13. Describe Proposed or Completed Operations

ConocoPhillips Company requests permission to P&A the subject well per the attached procedure, current and proposed wellbore schematic.

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

Signed Crystal Tafoya Crystal TafoyaTitle Staff Regulatory TechnicianDate 8/15/11

(This space for Federal or State Office use)

APPROVED BY Original Signed: Stephen Mason Title \_\_\_\_\_Date AUG 16 2011

CONDITION OF APPROVAL, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction

NMOCD A

**ConocoPhillips**  
**AXI APACHE O 8**  
**Expense - P&A**

Lat 36° 25' 56.636" N

Long 107° 15' 7.2" W

**PROCEDURE**

**Note:** This project requires a NMOCD C-144 CLEZ Closed-Loop System Permit for the use of a steel tank to handle waste fluids circulated from the well and cement wash up. 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 (Class B) mixed at 15.6 ppg with a 1.18 cf/sk yield.

1. Hold pre-job safety meeting. Comply with all NMOCD, BLM, and COPC safety and environmental regulations. Install and test rig anchors prior to moving in rig.
2. MIRU daylight pulling unit. Check casing, tubing, and bradenhead pressures and record them in Wellview.
3. RU blow lines from casing valves and begin blowing down casing pressure. Kill well with water, if necessary.
4. ND wellhead and NU BOPE. Pressure test BOP.
5. **Plug #1 (Pictured Cliffs perforations & Pictured Cliffs, Fruitland, Kirtland & Ojo Alamo formation tops, 3,746' - 3,240')**: RIH and set CIBP at 3,746'. Pressure test casing to 560 psi. If casing does not test, then spot or tag subsequent plugs as appropriate. Pressure test work string to 1000 psi. Mix 16 sx Class B cement and spot inside the casing above CIBP to isolate the Pictured Cliffs perforations and formation top. POOH.
6. **Plug #2 (Nacimiento formation top, <sup>1964</sup>2,024' - <sup>1864</sup>1,924')**: Perforate 3 HSC holes at <sup>1964</sup>2,024'. Set CR at <sup>1964</sup>1,974' and establish injection rate. Mix 55 sx Class B cement. Sqz 50 sx Class B cement into HSC holes and leave 5 sx cement inside casing to isolate the Nacimiento formation top. TOOH and LD workstring.
7. **Plug #3 (Surface casing shoe and surface plug, 379' - Surface)**: Perforate 3 HSC holes at 379'. Establish circulation out bradenhead with water and circulate BH annulus clean. Mix 138 sx Class B cement and pump down production casing to circulate good cement out bradenhead. Shut in well and WOC.
8. Nipple down BOP and cut off casing below the casing flange. Install P&A marker with cement to comply with regulations. Rig down, move off location, cut off anchors, and restore location to its natural state.

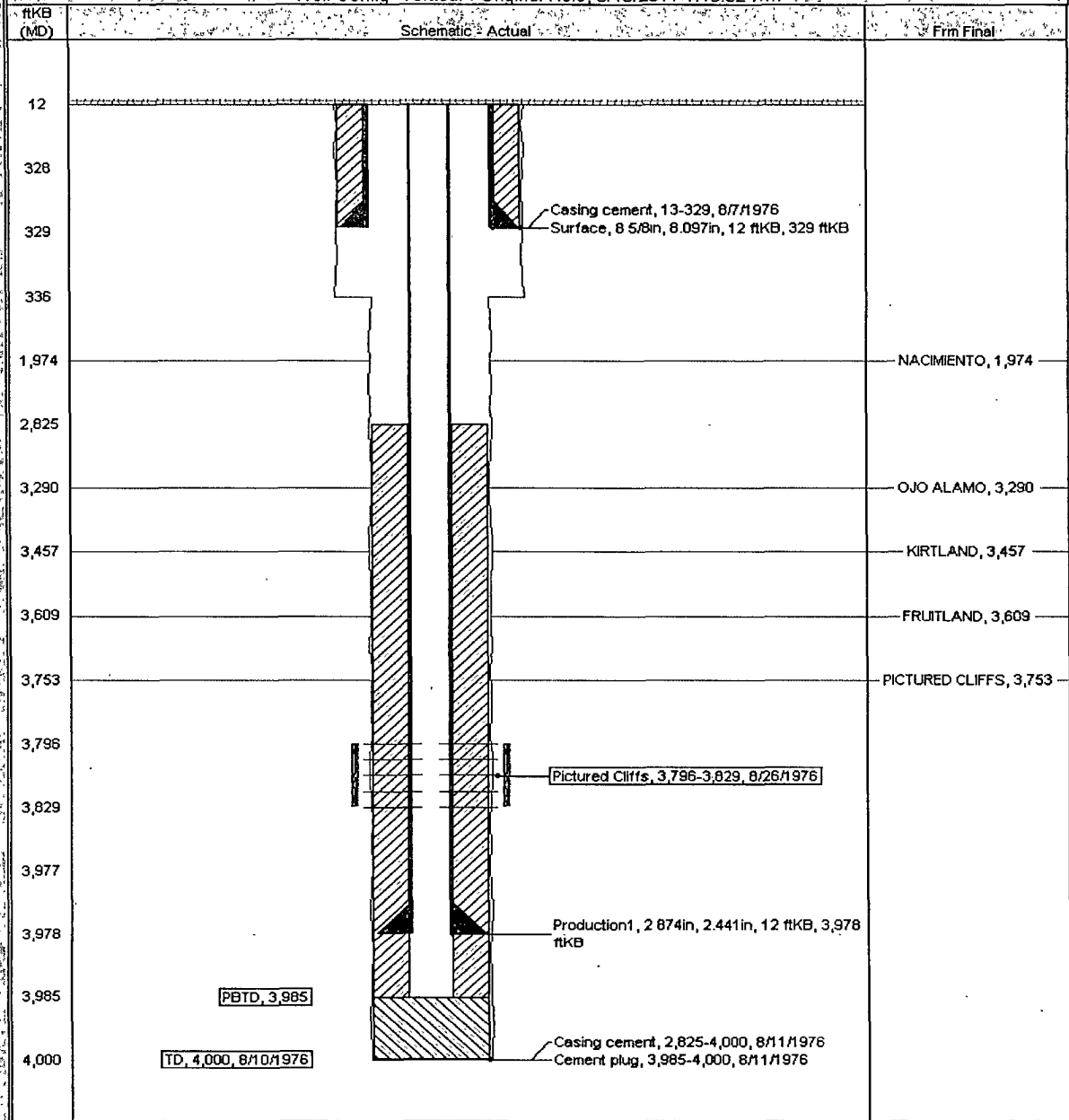
**ConocoPhillips**

**CURRENT SCHEMATIC**

**AXI APACHE O #8**

District SOUTH	Field Name PC	API / UWI 3003921216	County RIO ARRIBA	State/Province NEW MEXICO	Edit
Original Spud Date 8/6/1976	Surface Legal Location NMPM-25N-04VV-04-A	E/W Dist (ft) 1,190.00	E/W Ref E	N/S Dist (ft) 1,190.00	N/S Ref N

Well Config: Vertical Original Hole, 8/15/2011 1:16:32 PM



# Proposed Schematic

ConocoPhillips

Well Name: AXIAPACHE O #8

API/Well	Service Legal Location	Field Name	License No.	State/Province	Well Configuration Type	Edit
3003921216	NMPM-25N-04W-04-A	PC		NEW MEXICO	Vertical	
Ground Elevation (ft)	Original P/B/T Elevation (ft)	HS-Gravel Distance (ft)	HS-Casing Hanger Distance (ft)	HS-Tubing Hanger Distance (ft)		
7,267.00	7,279.50	12.50	7,279.50	7,279.50		

## Well Config Vertical - Original Hole, 1/1/2020

ftKB (MD)	Form Final	Schematic - Actual
12		
328		
329	Surface, 8 5/8in, 8.097in, 12 ftKB, 329 ftKB	Casing cement, 13-329, 8/7/1976, 250 sx Class B cmt. Circ to surf.
336		Plug #3, 13-379, 1/1/2020, Mix 138 sx Class B cement and pump down production casing to circulate good cement out bradenhead.
379	SQUEEZE PERFS, 379, 1/1/2020	Plug #3, 13-379, 1/1/2020
1,924		
1,974	NACIMIENTO, 1,974	
1,975	Cement Retainer, 1,974-1,975	Plug #2, 1,924-2,024, 1/1/2020
2,024	SQUEEZE PERFS, 2,024, 1/1/2020	Plug #2, 1,924-2,024, 1/1/2020, Mix 55 sx Class B cement, squeeze 50 sx into HSC holes and leave 5 sx cement inside casing to isolate the Nacimiento formation top
2,825		
3,240		
3,290	OJO ALAMO, 3,290	
3,457	KIRTLAND, 3,457	
3,609	FRUITLAND, 3,609	
3,746		Plug #1, 3,240-3,746, 1/1/2020, Mix 16 sx Class B cement and spot inside casing above CIBP to isolate the Pictured Cliffs perforations and formation top, Fruitland, Kirtland, & Ojo Alamo tops.
3,747	Bridge Plug - Permanent, 3,746-3,747	
3,753	PICTURED CLIFFS, 3,753	
3,796	Hydraulic Fracture, 8/26/1976, Frac w/ 26,000 E-Z Flow fluid & 46,500# 20/40 sd.	
3,829	Pictured Cliffs, 3,796-3,829, 8/26/1976	
3,977		
3,978	Production1, 2,874in, 2,441in, 12 ftKB, 3,978 ftKB	
3,985	PBTD, 3,985	
4,000	TD, 4,000, 8/10/1976	Casing cement, 2,825-4,000, 8/11/1976, 200 sx "lite" cmt tailed w/ 110 sx Class B cmt. TOC @ 2825' (Temp survey 8/11/1976) Cement plug, 3,985-4,000, 8/11/1976

**UNITED STATES DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
FARMINGTON DISTRICT OFFICE  
1235 LA PLATA HIGHWAY  
FARMINGTON, NEW MEXICO 87401**

Attachment to notice of  
Intention to Abandon:

Re: Permanent Abandonment  
Well: 8 AXI Apache O

**CONDITIONS OF APPROVAL**

1. Plugging operations authorized are subject to the attached "General Requirements for Permanent Abandonment of Wells on Federal and Indian Lease."
2. Farmington Office is to be notified at least 24 hours before the plugging operations commence (505) 599-8907.
3. The following modifications to your plugging program are to be made:
  - a) Place the Nacimiento plug from 1964' – 1864' inside and outside the 2 7/8" casing.

You are also required to place cement excesses per 4.2 and 4.4 of the attached General Requirements.

Office Hours: 7:45 a.m. to 4:30 p.m.