

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

RECEIVED**JAN 03 2012**

Sundry Notices and Reports on Wells

Farmington Field Office
Bureau of Land Management

1. Type of Well
GAS

2. Name of Operator

ConocoPhillips

3. Address & 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), 951' FNL & 812' FEL, Section 36, T25N, R4W, NMPM

5. Lease Number
Jicarilla Contract #125
6. If Indian, All. or
Tribe Name
Jicarilla Apache
7. Unit Agreement Name

8. Well Name & Number
AXI Apache L 2

9. API Well No.
30-039-05757

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

☒ Notice of Intent

☐ Subsequent Report

☐ Final Abandonment

Type of Action

☒ Abandonment

☐ Recompletion

☐ Plugging

☐ Casing Repair

☐ Altering Casing

☐ Change of Plans

☐ New Construction

☐ Non-Routine Fracturing

☐ Water Shut off

☐ Conversion to Injection

Other -

RCVD JAN 11 '12

OIL CONS. DIV.

13. Describe Proposed or Completed Operations

DIST. 3

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

**Notify NMOCD 24 hrs.
prior to beginning
operations**

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

Signed Crystal Tafoya Crystal Tafoya

Title Staff Regulatory Technician Date 12/29/11

(This space for Federal or State Office use)

APPROVED BY Original Signed: Stephen Mason Title

Date **JAN 06 2012**

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 L 2
Expense - P&A

Lat 36° 21' 39.02" N

Long 107° 11' 49.956" W

PROCEDURE

Note: This project requires a NMOCD C-144 CLEZ Closed-Loop System Permit for the use of an A-Plus 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 mixed at 15.6 ppg with a 1.18 cf/sk yield. Plug depths may change per CBL.

1. Hold pre-job safety meeting. Comply with all NMOCD, BLM, and COPC safety and environmental regulations. Test rig anchors prior to moving in rig.
2. MIRU work over rig. Check casing, tubing, and bradenhead pressures and record them in Wellview.
3. When an existing primary valve (i.e. casing valve) is to be used, the existing piping should be removed and replaced with the appropriate piping for the intended operation.
4. RU blow lines from casing valves and begin blowing down casing pressure. Kill well with water, as necessary, and at least pump tubing capacity of water down tubing.
5. ND wellhead and NU BOPE. Pressure test BOP. PU and remove tubing hanger.
6. TOOH with tubing/rods (per pertinent data sheet).

Tubing:	Yes	Size:	2-3/8"	Length:	3735
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7. Run casing scraper from top perf (3,742') to surface.

8. PU 2-3/8" workstring and CR for 5-1/2", 14#, J-55 casing. TIH and set CR at 3,692'. Pressure test tubing to 1000#. Load hole with water and pressure test casing to 560 psi. If casing does not test, then spot and tag subsequent plugs as necessary.

9. Run CBL from CR to surface. Call Production Engineer to confirm cement plug depths.

10. Plug #1 (Pictured Cliffs perforations & Pictured Cliffs formation top, 3,692' - 3,592'):

Mix 18 sx Class B cement and spot inside the casing above CR to isolate the Pictured Cliffs perforations and formation top.

~~3676~~ 3220

11. Plug #2 (Fruitland and Ojo Alamo formation tops, 3,500' - 3,480'):

Mix 42" sx Class B cement and spot a balanced cement plug inside casing to isolate the Fruitland and Ojo Alamo formation tops. PUH.

~~2010~~ 1910

12. Plug #3 (Nacimiento formation top, 2,495' - 2,395'):

Mix 18 sx Class B cement and spot a balanced cement plug inside casing to isolate the Nacimiento formation top. TOOH and LD tubing.

13. Plug #4 (Surface casing shoe and surface plug, 210' - Surface):

Perforate 3 HSC holes at 210'. Establish circulation out bradenhead with water and circulate BH annulus clean. Mix 81 sx Class B cement and pump down production casing to circulate good cement out bradenhead. Shut in well and WOC.

14. 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.

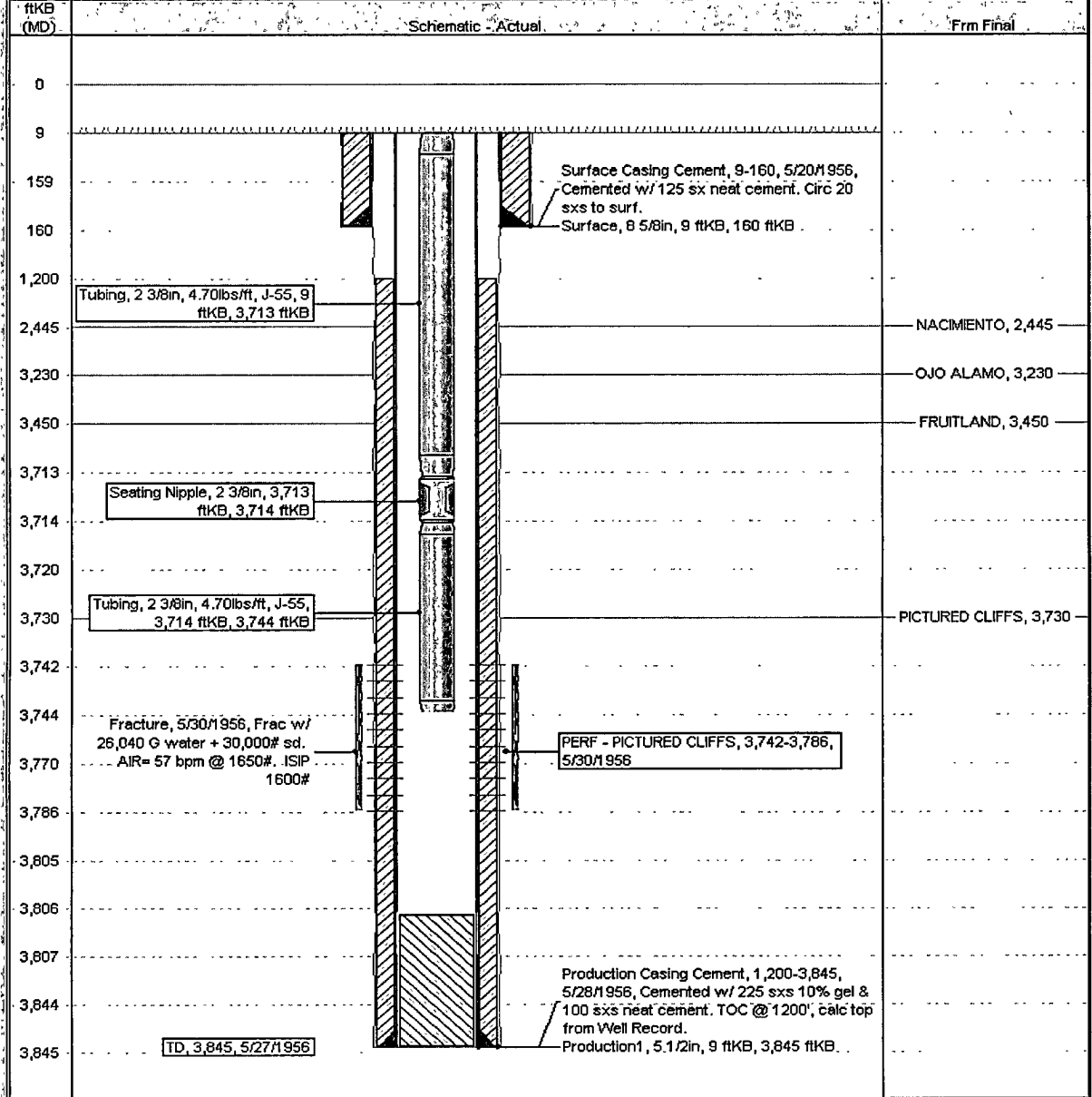
Current Schematic

ConocoPhillips

Well Name: AXI APACHE L #2

API/UVI 3003905757	State Legal Location NMPM-25N-04W-36-A	Field Name PC	License No.	State/Province NEW MEXICO	Well Configuration Type Vertical	Edit
Ground Elevation (ft) 7,402.00	Original KB/RT Elevation (ft) 7,411.00	KB-Grout Distance (ft) 9'00"	KB-Casing Gauge Distance (ft) 7,411.00	KB-Tubing Gauge Distance (ft) 7,411.00		

Well Config: Vertical - Original Hole, 12/9/2011 11:22:38 AM



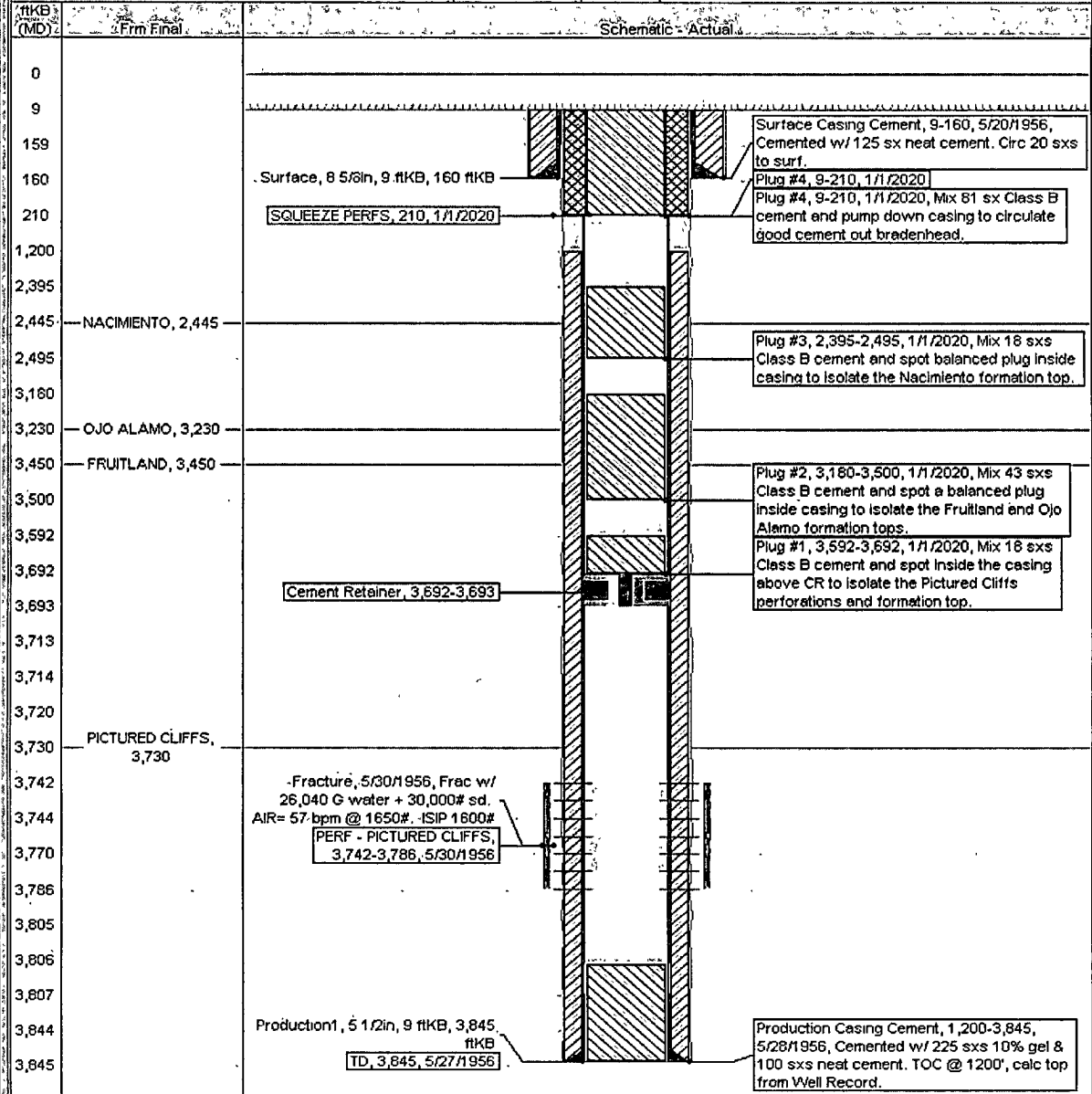
ConocoPhillips

Well Name: AXIAPACHE L#2

Proposed Schematic

API Well No. 3003905757	Carbide Legal Location NMPM-25N-04W-36-A	Field Name PC	License No.	State/Province NEW MEXICO	Well Configuration Type Vertical	Edit
Ground Elevation (ft) 7,402.00	Original H.S.P.T. Elevation (ft) 7,411.00	H.S. Gross H.D. (ft) 9.00	H.S. Casing Flange Distance (ft) 7,411.00	H.S. Tubing Hanger Distance (ft) 7,411.00		

Well Config: Vertical Original Hole: 1/1/2020



**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: 2 AXI Apache L

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 Fruitland/Kirtland/Ojo Alamo plug from 3676' – 3220'.
 - b) Place the Nacimiento plug from 2010' – 1910' inside and outside the 5 ½" 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.