

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Sundry Notices and Reports on Wells

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
Sec., T—N, R—W, NMPM

Unit N, 1190' FSL & 1540' FWL, Sec. 7, T25N, R5W NMPM

RECEIVED

NOV 13 2007

Bureau of Land Management
Farmington Field Office

5. Lease Number
Contract # 147
6. If Indian, All. or
Tribe Name
Jicarilla Apache
7. Unit Agreement Name
San Juan 32-7 Unit
8. Well Name & Number
Axi Apache J #28
9. API Well No.
30-039-21544
10. Field and Pool
S. Blanco PC
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 :

13. Describe Proposed or Completed Operations

ConocoPhillips plans to plug & abandon the following well. Please see the attached procedure and WBD.

RCVD NOV 27 '07
OIL CONS. DIV.
DIST. 3

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

Signed Philana Thompson Title Regulatory Tech Date 11/12/07

(This space for Federal or State Office use)

APPROVED BY [Signature] Title 1E Date NOV 26 2007

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

PLUG AND ABANDONMENT PROCEDURE

October 18, 2007

AXI Apache J #28

So. Blanco Pictured Cliffs

1190' FSL, 1540' FWL, Section 7, T25N, R5W, Rio Arriba County, New Mexico

API 30-039-21544 / Lat: 36° 24' 36.612" N / Long: 107° 24' 36.612" W

Note: All cement volumes use 100% excess outside pipe and 50' excess inside. The stabilizing wellbore fluid will be 8.3 ppg, sufficient to balance all exposed formation pressures. All cement will be ASTM Type III, mixed at 14.8 ppg with a 1.32 cf/sx yield,

1. Project will require a Pit Permit (C103) from the NMOCD.
2. Install and test rig anchors. Prepare waste fluid holding pit. Comply with all NMOCD, BLM and ConocoPhillips safety rules and regulations. Conduct safety meeting for all personnel on location. MOL and RU daylight pulling unit. NU relief line and blow well down; kill with water as necessary. ND wellhead and NU BOP and stripping head; test BOP.
3. TOH and tally 121 joints 2.375" tubing, total 3867'. Round-trip 4.5" casing scraper or wireline gauge ring to 3810'.
4. **Plug #1 (Pictured Cliffs perforations and Fruitland, Kirtland, Ojo Alamo tops, 2752' – 2445')**: TIH and set 4.5" CR at 2752'. Pressure test tubing to 1000#. Load casing with water and circulate well clean. Pressure test casing to 1000#. Note: well has a suspected casing leak at 500'. *If the casing does not test, then spot or tag subsequent plugs as appropriate.* Mix 45 sxs Type III cement and spot a balanced plug inside the casing above the CR to isolate the Pictured Cliffs interval and cover the Fruitland, Kirtland and Ojo Alamo tops. TOH with tubing.
5. **Plug #2 (Nacimiento top and 8.625" Surface casing shoe, 680' – 0')**: Perforate 3 squeeze holes at 680'. RIH and set 4.5" cement retainer at 680'. Mix and pump appx. 225 sxs Type III cement, squeeze 178 sxs cement outside 4.5" annulus (excess due to casing leak at 500') and leave 47 sxs inside casing to surface. TOH and LD tubing. Top off casing and attempt to squeeze cement out annulus with bradenhead SI. When casing pressures up to 500 PSI, SI well and WOC.
6. ND BOP and cut off wellhead below surface casing flange. Top off casing with cement if necessary. Install P&A marker with cement to comply with regulations. RD, MOL and cut off anchors. Restore location per BLM stipulations.

AXI Apache J #28

Current

So. Blanco Pictured Cliffs

1190' FSL & 1540' FWL, Section 7, T-25-N, R-5-W, Rio Arriba County, NM

Lat: N 36° 24' 36.612" / Long: W 107° 24' 36.612" / API 30-039-21544

Today's Date: 10/18/07
Spud: 1/30/78
Comp: 3/14/78
Elevation: 6694' GL

12.25" Hole

Nacimiento @ 630'

Ojo Alamo @ 2195'

Kirtland @ 2372'

Fruitland @ 2620'

Pictured Cliffs @ 2797'

7.875" Hole

8.625" 24#, K-55 Casing set @ 509'
Cement with 300 sxs, circulated to surface

Well History

Sep '07: L&R Swabbing: Pour rope socket, made total 21 swab runs with 1.25" cup and recovered total 68 bbls. Casing never moved. Fluid level did not drop.

Note: suspected casing leak with FL at 500'.

TOC @ 1315' (Calc, 75%)

1.25" Tubing set at 2800'

Pictured Cliffs Perforations:
2802' - 2862'

4.5" 10.50#, K-55 Casing @ 2995'
Cement with 355 sxs (513 cf)

3005' TD
2931' PBSD

AXI Apache J #28

Proposed P&A

So. Blanco Pictured Cliffs

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Fruitland @ 2620'

Pictured Cliffs @ 2797'

7.875" Hole

3005' TD
2931' PBD

8.625" 24#, K-55 Casing set @ 509'
Cement with 300 sxs, circulated to surface

Note: suspected casing leak with FL at 500'

Set CR @ 630'

Perforate @ 680'

Plug #2: 680' - 0'
Type III cement, appx. 225 sxs

TOC @ 1315' (Calc, 75%)

Plug #1: 2752' - 2145'
Type III cement, 45 sxs

Set CR @ 2752'

Pictured Cliffs Perforations:
2802' - 2862'

4.5" 10.50#, K-55 Casing @ 2995'
Cement with 355 sxs (513 cf)

The Jicarilla Apache Nation requires 45 days to evaluate this well beginning from November 26, 2007 in order to determine if they would like to assume ownership of the well. If the Jicarilla Apache Nation has not contacted your office before the end of the 45 days you may proceed with plugging operations.

**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: 28 AXI Apache J

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) Bring the top of the Pictured Cliffs/Fruitland/Kirtland/Ojo Alamo plug to 2058'
 - b) Place the Nacimiento plug to 785' to surface inside and outside the 4 ½" casing.

OR

- b) Place the Nacimiento plug to 785' to 685' inside and outside the 4 ½" casing.
 - c) Place the surface plug to 559' to surface inside and outside the 4 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.