

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 G (SWNE), 1850' FNL & 1850' FEL, Sec. 9, T26N, R5W NMPM

RECEIVED
DEC 10 2007
Bureau of Land Management
Farmington Field Office

5. Lease Number
Contract # 151
6. If Indian, All. or
Tribe Name
Jicarilla Apache
7. Unit Agreement Name
San Juan 32-7 Unit
8. Well Name & Number
Axi Apache K #6
9. API Well No.
30-039-20557
10. Field and Pool
Blanco MV
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 DEC 14 '07

OIL CONS. DIV.

DIST. 3

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

Signed Philana Thompson Title Regulatory Tech Date 12/10/07

(This space for Federal or State Office use)

APPROVED BY Original Signed: Stephen Mason Title _____ Date DEC 13 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

B

PLUG AND ABANDONMENT PROCEDURE

December 03, 2007

AXI Apache K #6

Blanco Mesaverde

1850' FNL & 1850' FEL Section 9, T26N, R5W
Rio Arriba County, New Mexico, API #30-039-20557
Lat: N 36° 30' 13.896" / Long: W 107° 21' 40.68"

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 an approved Pit Permit (C-103) from the NMOCD.
2. 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.
3. TOH and tally 2-3/8" tubing, total 5747'. **Note:** 2004 records indicate there may be a packer in the well at 4412' to help prevent another casing failure. No record of packer being set. If well has packer then do not run gauge ring. If well does not have packer then roundtrip gauge ring to 5233'. Visually inspect tubing, if necessary LD tubing and PU workstring.
4. **Plug #1 (Mesaverde perforation and top, 5233' – 5183')**: TIH and set 4.5" cement retainer at 5233'. Pressure test tubing to 1000#. Load casing and circulate well clean. Pressure test casing to 500#. *If casing does not test, then spot or tag subsequent plugs as appropriate.* Mix 11 sxs cement and spot a balanced plug inside casing above the retainer to isolate Mesaverde perforations and top. PUH to 3660'.
Chere → 4552' - 4452'
5. **Plug #2 (Pictured Cliffs, Fruitland and Kirtland tops, 3660' - 3170)**: Mix 37 sxs cement and spot balanced plug inside casing to cover through the Kirtland top. TOH with tubing.
6. **Plug #3 (Ojo Alamo top, 3003' – 2903')**: Perforate 3 HSC squeeze holes at 3003'. If casing tests, then establish rate into squeeze holes. Set a 4.5" CR at 2953'. Establish rate into squeeze holes. Mix and pump 46 sxs cement, squeeze 35 sxs outside casing and leave 11 sxs inside casing to cover the Ojo Alamo top. TOH with tubing.
7. **Plug #4 (Nacimiento top, ¹⁶⁷⁷2010' – ¹⁵⁷⁷1910')**: Perforate 3 HSC squeeze holes at ¹⁶⁷⁷2010'. If casing tests, then establish rate into squeeze holes. Set 4.5" CR at ¹⁶⁷⁷1960'. Establish rate into squeeze holes. Mix and pump 46 sxs cement, squeeze 35 sxs outside casing and leave 11 sxs inside casing to cover the Nacimiento top. TOH and LD tubing.

8. **Plug #5 (8-5/8" Surface casing, 278' - Surface):** Perforate 3 HSC squeeze holes at 278'. Establish circulation out bradenhead valve with water. Mix and pump approximately 85 sxs cement down 4.5" casing to circulate good cement out bradenhead valve. Shut well in and WOC.
9. ND BOP and cut off casing below surface. Install P&A marker with cement to comply with regulations. RD, move off location, cut off anchors and restore location.

AXI Apache K #6

Current

Blanco Mesaverde

1850' FNL, 1850' FEL Section 9, T-26-N, R-5-W, Rio Arriba County, NM

API #30-039-20557 - Lat: N 36° 30' 13.896" / Long: W 107° 21' 40.68"

Today's Date: 12/3/07

Spud: 10/2/72

Completed: 6/15/73

Elevation: 7014' GL
7026' KB

12.25" hole

8.625" 24#, J-55 Casing set @ 228'
Cement with 150 sxs, circ to surface.

Well History

Jun '97: Isolate hole in casing at 4310', sqz 150 sxs when well went on vacuum, hesitate sqz additional 3 bbls cement, tag cement at 4120', DO to 4824

Oct '97: Tag fill at 5772', COH 3' w/bailer, TOH with bailer and found bottom mule shoe flared, Run impression block and tag at 5775', POH, IB show only sand marks, drill out and circ sand to 5843', CO to 5890', land tubing at 5747', swab well.

Note: 2004 records indicate there may be a packer in the well at 4412' to help prevent another casing failure. No record of packer being set.

Nacimiento @ 1960'

Ojo Alamo @ 2953'

TOC @ 3217' (Calc, 75%)

Kirtland @ 3220'

2.375" Tubing set at 5747'
(166 jts)

Fruitland @ 3295'

Pictured Cliffs @ 3610'

DV Tool @ 3819'
Cement with 130 sxs (182 cf)

Isolate casing leak at 4310',
sqz 150 sxs then additional
3 bbls of cement, tag at
4120'.

TOC @ 4901' (Calc, 75%)

Mesaverde @ 5257'

Mesaverde Perforations:
5283' - 5368'

7.875 " Hole

4.5" 9 5#, J-55 Casing set @ 6100'
Cement with 260 sxs (364 cf)

TD 6100'

AXI Apache K #6

Proposed P&A

Blanco Mesaverde

1850' FNL, 1850' FEL Section 9, T-26-N, R-5-W, Rio Arriba County, NM

API #30-039-20557 - Lat: N 36° 30' 13.896" / Long: W 107° 21' 40.68"

Today's Date: 12/03/07

Spud: 10/2/72

Completed: 6/15/73

Elevation: 7014' GL
7026' KB

12.25" hole

Nacimiento @ 1960'

Ojo Alamo @ 2953'

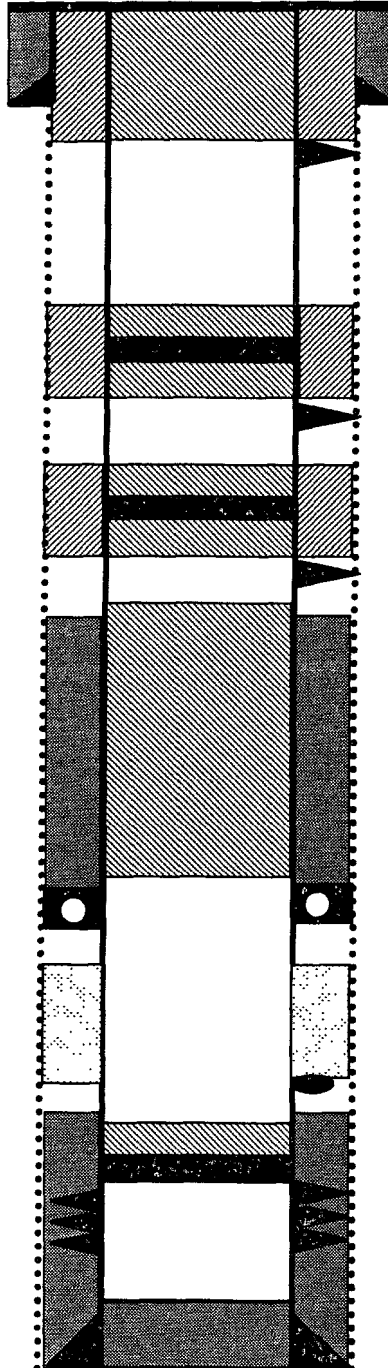
Kirtland @ 3220'

Fruitland @ 3295'

Pictured Cliffs @ 3610'

Mesaverde @ 5257'

7 875 " Hole



8.625" 24#, J-55 Casing set @ 228'
Cement with 150 sxs, circ to surface.

Perforate @ 278'

Plug #5: 278' - Surface
Cement with 85 sxs

Cmt Retainer @ 1960'

Plug #4: 2010' - 1910'
Cement with 46 sxs:
35 outside and 11 inside

Perforate @ 2010'

Cmt Retainer @ 2953'

Plug #3: 3003' - 2903'
Cement with 46 sxs:
35 outside and 11 inside

Perforate @ 3003'

TOC @ 3217' (Calc, 75%)

Plug #2: 3660' - 3170'
Cement with 37 sxs

DV Tool @ 3819'

Cement with 130 sxs (182 cf)

Isolate casing leak at 4310',
sqz 150 sxs then additional
3 bbls of cement, tag at
4120'.

Plug #1: 5233' - 5133'
Cement with 11 sxs

TOC @ 4901' (Calc, 75%)

Set CR @ 5233'

Mesaverde Perforations:
5283' - 5368'

4.5" 9.5#, J-55 Casing set @ 6100'
Cement with 260 sxs (364 cf)

TD 6100'

The Jicarilla Apache Nation requires 45 days to evaluate this well beginning from December 10, 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: 6 AXI Apache K

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 a cement plug from 4552' – 4452' to cover the Chacra top.
 - b) Place the Nacimiento plug to 1677' – 1577' 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.