

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

**RECEIVED**

JUL 21 2010

Sundry Notices and Reports on Wells

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

5. Lease Number  
Contract No. 41

6. If Indian, All. or  
Tribe Name  
Jicarilla Apache

7. Unit Agreement Name

2. Name of Operator  
**CONOCOPHILLIPS COMPANY**

3. Address &amp; Phone No. of Operator

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

8. Well Name & Number  
Jicarilla Apach 30-13

9. API Well No.

30-039-21933

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

Surf: Unit P (SESE), 450' FSL &amp; 990' FEL, Section 31, T25N, R4W, NMPM

10. Field and Pool

11. Lindrith Gallup/Dakota West  
County and State  
Rio Arriba Co., 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 – P&A

**RCVD JUL 26 '10  
OIL CONS. DIV.  
DIST. 3**

**13. Describe Proposed or Completed Operations**

ConocoPhillips Company wishes to P&amp;A subject well per attached procedures and current well bore schematic.

**14. I hereby certify that the foregoing is true and correct.**Signed Jamie Goodwin Jamie Goodwin Title Regulatory Technician Date 7/21/10

(This space for Federal or State Office use)

APPROVED BY Original Signed: Stephen Mason Title \_\_\_\_\_ Date JUL 23 2010

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

July 13, 2010

### Jicarilla Apache #30-13

West Lindrith Gallup/Dakota

450' FSL, 990' FEL, Section 31, T25N, R4W, Rio Arriba County, New Mexico

API 30-039-21933 / Long - 107° 17' 14.496" W / Lat: 36° 21' 1.436" N

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 Class B, mixed at 15.6 ppg with a 1.18 cf/sx yield.

1. 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.
2. Install and test location rig anchors. Comply with all NMOCD, BLM, and Operator safety regulations. MOL and RU daylight pulling unit. Conduct safety meeting for all personnel on location. Record casing, tubing and bradenhead pressures. NU relief line and blow down well. Kill well with water as necessary and at least pump tubing capacity of water down the tubing. ND wellhead and NU BOP. Function test BOP.
3. Rods: Yes ☐ , No ☒ , Unknown ☐ .  
Tubing: Yes ☒ , No ☐ , Unknown ☐ , Size 2.375" , Length 7320' .  
Packer: Yes ☐ , No ☒ , Unknown ☐ , Type ☐ .
4. If this well has rods or a packer, then modify the work sequence in step #2 as appropriate.
5. NOTE: BLM requires a CBL log to be run on all wells where the cement did not circulate to surface or where a T.S. or CBL log was not previously run. This procedure is prepared with the understanding that it may be modified based on the TOC from the CBL.  

**5840'**
6. Plug #1 (Dakota/Gallup perforations and top, 6246' - ~~6146'~~): RIH and set CR at 6246'. Pressure test tubing to 1000 PSI. Pressure test casing to 800 PSI. If casing does not pressure test, then spot or tag subsequent plugs as appropriate. Spot ~~17~~ sxs Class B cement and spot a balanced plug inside the casing above CR to isolate the Dakota and Gallup intervals. PUH.
7. Plug #2 (Mesaverde top, 4613' - 4513'): Mix 17 sxs Class B cement and spot a balanced plug inside casing to cover the Mesaverde top. TOH with tubing.  

→ Chacra plug 3826' - 3726' **2680'**
8. Plug #3 (Picture Cliffs and Fruitland, 2970' - ~~2690'~~): Perforate 3 HSC holes at 2970'. TIH and set a CR at 2920'. Establish a rate into the squeeze holes. Mix 121 sxs Class B cement, squeeze 83 sxs outside the casing and leave 38 sxs inside casing to cover the Pictured Cliffs and Fruitland tops. TOH with tubing.  

**2650' 2391'**
9. Plug #4 (Kirtland and Ojo Alamo tops, ~~2710'~~ - ~~2310'~~): Perforate 3 HSC holes at ~~2710'~~ **2650'**. TIH and set a CR at ~~2660'~~ **2391'**. Establish a rate into the squeeze holes. Mix 169 sxs Class B cement, squeeze 118 sxs outside the casing and leave 51 sxs inside casing to cover the Kirtland and Ojo Alamo tops. TOH with tubing.

- 1170      1070      1170
10. **Plug #5 (Nacimiento top, 1290' - 1190')**: Perforate 3 HSC holes at 1290'. TIH and set a CR at 1240'. Establish a rate into the squeeze holes. Mix 47 sxs Class B cement, squeeze 30 sxs outside the casing and leave 17 sxs inside casing to cover the Nacimiento top. TOH and LD tubing.
  11. **Plug #5 (8.625" Surface casing shoe, 567' to Surface)**: Perforate 3 squeeze holes at 567'. Establish circulation out bradenhead with water and circulate the BH annulus clean. Mix approximately 180 sxs Class B cement and pump down the 5.5" casing to circulate good cement out bradenhead. Shut in well and WOC.
  12. ND BOP and cut off wellhead below surface casing flange. Install P&A marker with cement to comply with regulations. RD, MOL and cut off anchors. Restore location per BLM stipulations.

**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: 15 Jicarilla 30

**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 Dakota/Gallup plug to 5840'.
- b) Place a cement plug from 3826' – 3726' to cover the Chacra top.
- c) Place the Pictured Cliffs/Fruitland plug from 2970' – 2680' inside and outside the 5 ½" casing.
- d) Place the Kirtland/Ojo Alamo plug from 2650' – 2391' inside and outside the 5 ½" casing.
- e) Place the Nacimiento plug from 1170' – 1070' inside and outside the 5 ½" casing.

Note: The Pictured Cliffs/Fruitland/Kirtland/Ojo Alamo plugs (c & d) can be ran as one depending on cement top behind 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.