

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

**RECEIVED****OCT 08 2010**

## 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 I (NESE), 1795' FSL &amp; 1080' FEL, Section 16, T25N, R4W, NMPM

5. Lease Number  
Jic 65

6. If Indian, All. or  
Tribe Name  
Jicarilla

7. Unit Agreement Name

8. Well Name & Number  
Jicarilla 22 8

9. API Well No.  
30-039-21280

10. Field and Pool  
Lindrieth Gallup DK West11. 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 Company requests permission to P&A the subject well per the attached procedures, current and proposed wellbore schematic. BLM ( Steve Mason) & OCD (Kelly Roberts) were contacted on 10/7/10 requesting approval to P&A the subject well due to a csg leak being found during the remedial work. The proposed procedure was emailed and changes were made per BLM request. Approval was received to proceed with P&A.

**RCVD OCT 13 '10  
OIL CONS. DIV.  
DIST. 3**

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

**14. I hereby certify that the foregoing is true and correct.**Signed Crystal Tafoya Crystal TafoyaTitle Staff Regulatory TechnicianDate 10/8/10

(This space for Federal or State Office use)

APPROVED BY Original Signed: Stephen Mason Title \_\_\_\_\_Date OCT 08 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 statement or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

## PLUG AND ABANDONMENT PROCEDURE

October 7, 2010

### Jicarilla 22 #8

West Lindrith Dakota/Gallup  
1795' FSL and 1080' FEL, Section 16, T25N, R4W  
Rio Arriba County, New Mexico, API 30-039-21280  
Lat: N 36° 23' 50.0" / Lat: W 107° 15' 6.84"

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 rig anchors. Prepare blow 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. Function test BOP.

Rods: Yes ☐ , No ☒ , Unknown ☐ .

Tubing: Yes ☐ , No ☒ , Unknown ☐ , Size  , Length  .

Packer: Yes ☐ , No ☒ , Unknown ☐ , Type  .

3. **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.**

6420'

4. **Plug #1 (Dakota/Gallup perforations and Gallup top, 6786' – 6620'):** TIH and set CR at 6786'. Pressure test tubing to 1000#. Load casing with water and circulate the well clean. Pressure test casing to 800#. If casing does not test, then spot or tag subsequent plugs as appropriate. Mix 46 31 sxs Class B cement and spot a balanced plug inside the casing above retainer to isolate the Dakota / Gallup perforations. PUH to 5216'.
5. **Plug #2 (Mesaverde top, 5216' – 5116'):** Mix 12 sxs Class B cement and spot a balanced plug inside the casing to cover the Mesaverde top. PUH to 3520'.
6. **Plug #3 (Pictured Cliffs top, 3520' – 3420'):** Mix 12 sxs Class B cement and spot a balanced plug inside the casing to cover the Pictured Cliffs top. TOH with tubing.
7. **Plug #4 (Fruitland, Kirtland, and Ojo Alamo tops, 3300' – 2930'):** Perforate 3 HSC holes at 3300'. TIH and set CR at 3250'. Mix 474 216 sxs Class B cement, squeeze 443 178 sxs outside and leave 34 38sxs inside casing to cover the Fruitland, Kirtland and Ojo Alamo tops. TOH with tubing.
8. **Plug #5 (Nacimiento top and surface casing shoe, 1460' – 989'):** Perforate 3 HSC holes at 1460'. TIH and set a CR at 1410'. Establish rate into squeeze holes. Mix 220 329 sxs Class B cement, squeeze 482 273sxs outside casing and leave 39 56 sxs inside. TOH and LD tubing.

9. **Plug #6 (Surface):** Perforate 3 HSC holes at 50'. Mix and pump approximately 20 sxs cement down the 4-1/2" casing, circulate good cement out the bradenhead. Shut in well and WOC.
10. 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.

# Jicarilla 22 #8

## Proposed P&A

West Lindrith Dakota / Gallup

1795' FSL, 1080' FEL, Section 16, T-25-N, R-4-W

Rio Arriba County, NM API #30-039-21280

Lat: N 36° 23' 50.0" / Long: W 107° 15' 6.84"

Today's Date: 10/7/10

Spud: 10/28/76

Completed: 3/24/77

Elevation: 7103' GL

12-1/4" hole

Nacimiento @ 1410' 1647'

Ojo Alamo @ 2980'

Kirtland @ 3150'

Fruitland @ 3250' 3341'

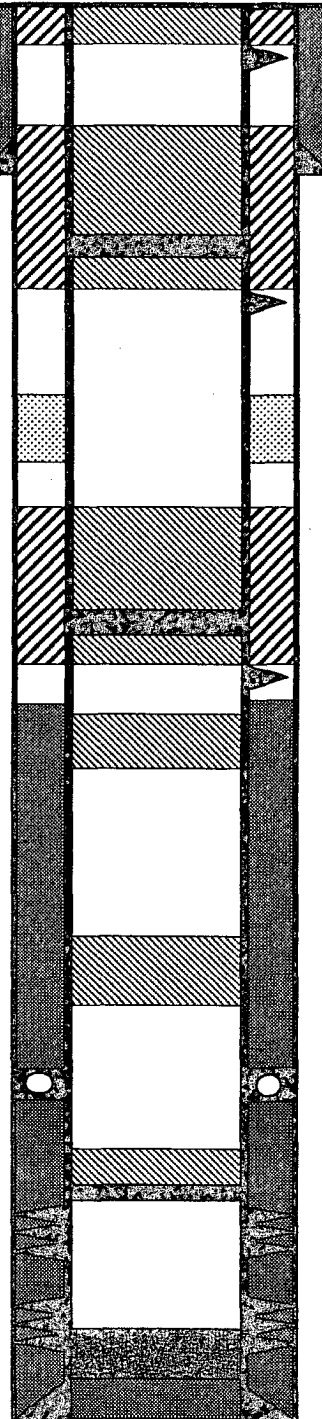
Pictured Cliffs @ 3470'

Mesaverde @ 5166'

Gallup @ 6670' 6470'

Dakota @ 7692'

7-7/8" hole



TD 7994'  
PBTD 7955'

Plug #6: 50' to Surface  
Cement with 20 sxs

Perforate @ 50'

8-5/8" 32#, Csg set @ 1039'  
Cmt with 550 sxs (Circulated to Surface)

1697'

Cmt Rt at 1410' 1647'

Plug #5: 1460' - 989'

Perforate @ 1460' 1697'

Cement with 220 329 sxs,  
182 273 sxs outside casing  
and 39 56 sxs inside.

Casing Repair: 2093' to 2155'  
With 60 sxs cement (2000)

3391'

Plug #4: 3300' - 2930'

Cement with 174 216 sxs,  
143 178 sxs outside casing  
and 31 38 sxs inside.

Cmt Rt @ 3250' 3341'

Perforate @ 3300' 3391'

TOC @ 3384' (Calc., 75%)

Plug #3: 3520' - 3420'  
Cement with 12 sxs

Plug #2: 5216' - 5116'  
Cement with 12 sxs

TOC @ 5850' (DV Tool)  
Cement above DV tool (Calc., 75%)

Set Cmt Rt @ 6786'

Plug #1: 6786' - 6620' 6420'  
Cement with 16 31 sxs

Gallup Perforations:  
6836' - 7020'

Dakota Perforations:  
7692' - 7947'

Fish/Fill: 7,761'-7,955'

4-1/2" 11.6#, Casing set @ 7994'  
Cement with 596 sxs (703 cf)

## Jicarilla 22 #8

### Current

West Lindrith Dakota / Gallup

1795' FSL, 1080' FEL, Section 16, T-25-N, R-4-W

Rio Arriba County, NM API #30-039-21280

Lat: N 36° 23' 50.0" / Long: W 107° 15' 6.84"

Today's Date: 10/7/10  
Spud: 10/28/76  
Completed: 3/24/77  
Elevation: 7103' GL

12-1/4" hole

Nacimiento @ 1410'

Ojo Alamo @ 2980'

Kirtland @ 3150'

Fruitland @ 3250'

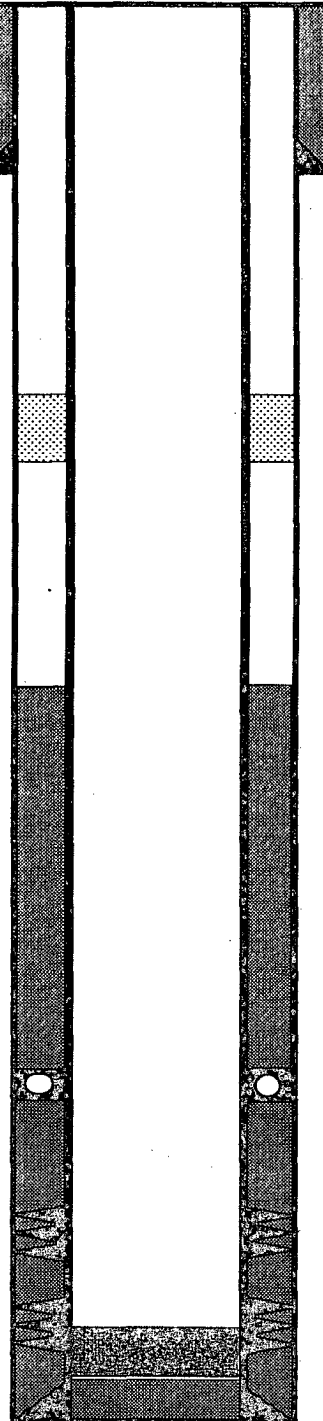
Pictured Cliffs @ 3470'

Mesaverde @ 5166'

Gallup @ 6670'

Dakota @ 7692'

7-7/8" hole



8-5/8" 32# Csg set @ 1039'  
Cmt with 550 sxs (Circulated to Surface)

### Well History:

Jul 00': Pull tubing. Isolate casing leak from 2093' to 2155'. Squeeze with 12 bbls cement (60 sxs). Drill out and pressure test casing to 500# for 30 minutes. Land tubing.

Casing Repair: 2093' to 2155'  
With 60 sxs cement (2000)

TOC @ 3384' (Calc., 75%)

DV Tool @ 5850'  
Cmt with 635 sxs (749 cf)

TOC @ 5850' (DV Tool)  
Cement above DV tool (Calc., 75%)

Gallup Perforations:  
6836' - 7020'

Dakota Perforations:  
7692' - 7947'

Fish/Junk: 7,761'-7,955'

4-1/2" 11.6# Casing set @ 7994'  
Cement with 596 sxs (703 cf)

TD 7994'  
PBD 7955'

**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 Jicarilla 22

**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 3341' – 2930' 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.