

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

RCUD MAR22'07  
OIL CONS. DIV.

DIST. 3

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 C (NENW), 990' FNL & 1600' FWL, Sec. 35, T31N, R12W NMPM

5. **Lease Number**  
SF-078120-A

6. **If Indian, All or  
Tribe Name**

7. **Unit Agreement Name**

8. **Well Name & Number**

9. **Federal G #1  
API Well No.**

10. **Field and Pool**  
30-045-10183

11. **Basin Dakota  
County and State**  
San Juan, 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: ~~Casing clean out~~

**13. Describe Proposed or Completed Operations**

Conocophillips intends to Plug & Abandon this well. Please see the attached procedure & WBD.

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

Signed Philana Thompson Title Regulatory Technician Date 3/14/07

(This space for Federal or State Office use)

APPROVED BY Original Signed: Stephen Mason Title \_\_\_\_\_ Date MAR 19 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.

NMOC

# PLUG AND ABANDONMENT PROCEDURE

March 1, 2007

## Federal "G" #1

Basin Dakota

990' FNL, 1600' FWL, Section 35, T31N, R12W  
San Juan County, New Mexico, API 30-045-10183  
Lat: N 36.86000 / Long: W 108.07099

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 LD 1 joint, 2.375" tubing. PU 2.375" tubing workstring and TIH. Tag existing CR at 6785' (set January 2007).
4. **Plug #1 (Dakota perforations and top, 6785' – 6685')**: With existing CR at 6785', mix 11 sxs Type III cement and spot a balanced plug inside casing to isolate the Dakota interval. PUH to 6019'.
5. **Plug #2 (Gallup top, 6019' - 5919')**: Mix 11 sxs Type III cement and spot a balanced plug inside the casing to cover the Gallup top. PUH to 3980'.  
3145' 3045'
6. **Plug #3 (Mesaverde top, 3980' - 3880')**: Mix 11 sxs Type III cement and spot a balanced plug inside the casing to cover Mesaverde top. PUH to 2410'. *Inside 2007*
7. Rig up a wireline truck and run a CBL from 2600' to the top of cement. Revise the following plugs as appropriate based on the TOC.  
2398 - 1929
8. **Plug #4 (Pictured Cliffs and Fruitland tops, 2410' – 1945')**: Mix 35 sxs Type III cement and spot a balanced plug inside the casing to cover the Pictured Cliffs and Fruitland tops. TOH and LD tubing.
9. **Plug #5 (Kirtland and Ojo Alamo tops and 8.625" Surface casing shoe, 800' – Surface)**:  
810  
Pressure test casing, if the casing leaks before perforating at 800', then set a 4.5" wireline CIBP at 810' to prevent cement from going down the casing. If the TOC is below 800', then perforate 3 squeeze holes at 800'. Attempt to establish circulation to the surface out the bradenhead valve. If able to establish rate into squeeze holes at 800', then set 4.5" CR at 750'. If unable to circulate to the surface, then mix and pump 85 sxs cement, squeeze 68 sxs outside the casing and leave 17 sxs inside casing (from 800' to 605'). TOH and LD tubing. If able to circulate to surface, then mix and pump approximately 280 sxs down the tubing to circulate cement to surface out the bradenhead. Then sting out of the CR and spot cement from 750' to 605' and from 365' to surface inside the casing. TOH and LD the tubing. Shut in well and WOC. If the TOC is above 800' then modify this plug as appropriate.
10. **Plug #7 (8.625", 375' – Surface)**: Skip this step if well circulated in the proceeding plug. If unable to circulate to the surface out the bradenhead, then cover the surface casing shoe as follows: Perforate 3 squeeze holes at 375'. Establish circulation out the bradenhead valve with water. Mix and pump approximately 110 sxs Type III cement down the 4.5" casing to circulate good cement out bradenhead valve. Shut well in and WOC.
11. 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.

# Federal "G" #1

## Current

Basin Dakota

990' FNL & 1600' FWL, Section 35, T-31-N, R-12-W  
San Juan County, NM / API #30-045-10183

Lat: N 36.86000 / Long: W 108.07099

Today's Date: 3/1/07

Spud: 12/6/64

Comp: 2/17/65

Elevation: 5948' GL

12.25" Hole

Ojo Alamo @ 655'

Kirtland @ 750'

Fruitland @ 1995'

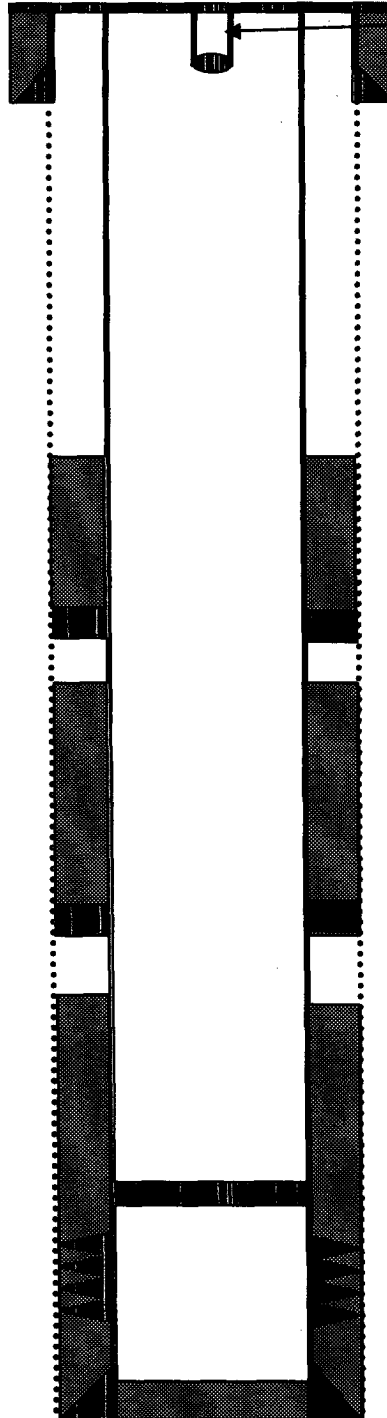
Pictured Cliffs @ 2360'

Mesaverde @ 3930'

Gallup @ 5969'

Dakota @ 6832'

7.875" Hole



1 joint 2.375" Tubing

8.625", 36#, Casing set @ 315'  
175 sxs cement circulated to surface

### Well History

Jan '07: TOH with tubing; poor condition. PT casing to 500#, OK. RU air unit and unload well. Land tubing at 6992'. When checking pressure on casing; 3/4" nipple broke releasing gas. Found tubing parted. Fish tubing; tubing badly bent. Found casing parted 40' to surface. Changed out casing from 144' to surface. Isolate casing leaks from 1403' to 929'. Set CR @ 6785'. MOL and plan to P&A well.

Top of Cmt unknown. Calculated  
Cement should have circulated,  
however casing holes found from  
1403' to 929'.

DV Tool @ 2523'  
Cemented with 700 sxs (1487 cf)

Top of Cmt @ 3223' (Calc, 75%)

DV Tool @ 5028'  
Cemented with 250 sxs (548 cf)

Top of Cmt @ 5803' (Calc, 75%)

Cement Retainer set at 6785' (2007)

Dakota Perforations:  
6835' - 6957'

4.5", 10.5# / 11.6#, Casing @ 7002'  
Cemented with 250 sxs (364 cf)

TD 7002'  
COTD 6974'

# Federal "G" #1

## Proposed P&A

Basin Dakota

990' FNL & 1600' FWL, Section 35, T-31-N, R-12-W

San Juan County, NM / API #30-045-10183

Lat: N 36.86000 / Long: W 108.07099

Today's Date: 3/1/07

Spud: 12/6/64

Comp: 2/17/65

Elevation: 5948' GL

12.25" Hole

Ojo Alamo @ 655'

Kirtland @ 750'

Fruitland @ 1995'

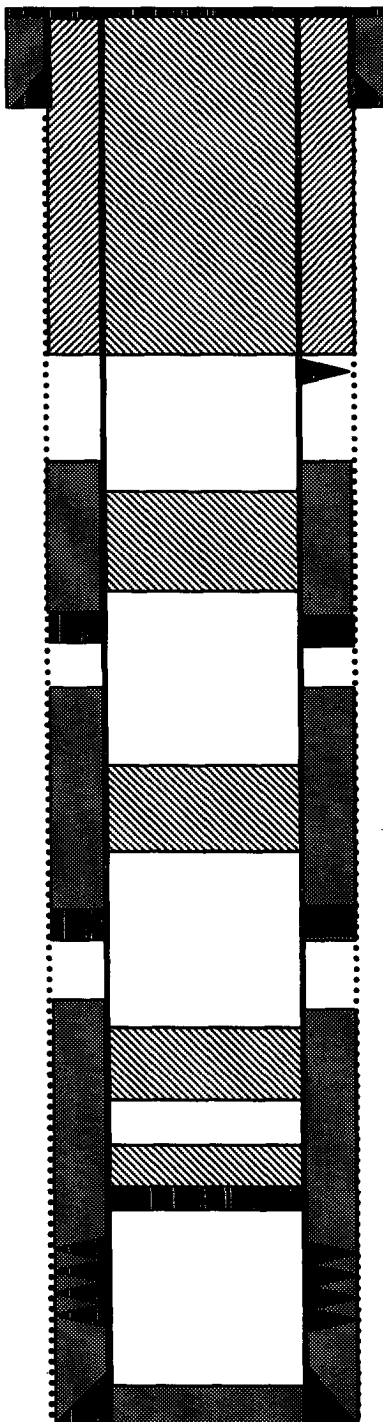
Pictured Cliffs @ 2360'

Mesaverde @ 3930'

Gallup @ 5969'

Dakota @ 6832'

7.875" Hole



8.625", 36#, Casing set @ 315'  
175 sxs cement circulated to surface

**Plug #5: 800' - 0'**  
Type III cement, 280 sxs

### Perforate @ 800'

Top of Cmt unknown. Calculated  
Cement should have circulated,  
however casing holes found from  
1403' to 929'.

**Plug #4: 2410' - 1945'**  
Type III cement, 35 sxs

DV Tool @ 2523'  
Cemented with 700 sxs (1487 cf)

Top of Cmt @ 3223' (Calc, 75%)

**Plug #3: 3980' - 3880'**  
Type III cement, 11 sxs

DV Tool @ 5028'  
Cemented with 250 sxs (548 cf)

**Plug #2: 6019' - 5919'**  
Type III cement, 11 sxs

Top of Cmt @ 5803' (Calc, 75%)

**Plug #1: 6785' - 6685'**  
Type III cement, 11 sxs

Cement Retainer set at 6785' (2007)

Dakota Perforations:  
6835' - 6957'

4.5", 10.5# / 11.6#, Casing @ 7002'  
Cemented with 250 sxs (364 cf)

TD 7002'  
COTD 6974'