

submitted in lieu of Form 3160-5

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
Sundry Notices and Reports on Wells

RECEIVED

JUL 11 2012

Farmington Field Office  
Bureau of Land Management

5. Lease Number  
NMNM-27024

6. If Indian, All. or  
Tribe Name

7. Unit Agreement Name

8. Well Name & Number  
Twin Mounds 30 #1

9. API Well No.  
30-045-25751

10. Field and Pool  
Basin Dakota  
Gallup

11. County & State  
San Juan County, NM

1. Type of Well

2. Name of Operator

ConocoPhillips c/o BHP Billiton San Juan Coal

3. Address & Phone No. of Operator

PO Box 561, Waterflow, NM 87421 (505) 598-2000

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

790' FNL & 990' FWL, Section 30, T-30-N, R-14-W,

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 Back

☐ Casing Repair

☐ Altering Casing

☐ Other -

☐ Change of Plans

☐ New Construction

☐ Non-Routine Fracturing

☐ Water Shut off

☐ Conversion to Injection

RCVD JUL 13 '12  
OIL CONS. DIV.  
DIST. 3

13. Describe Proposed or Completed Operations

Well was P&A on April 3, 2012

ConocoPhillips as the operator of this well, is reporting it to be re-entered and re-plugged and abandoned per the attached report. This work was done by A-Plus Well Service for BHP Billiton San Juan Coal.

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

Signed William Clark Title \_\_\_\_\_ Contractor \_\_\_\_\_ Date July 2, 2012

Type or print name \_\_\_\_\_ E-mail address: billc@apluswell.com PHONE: (505)325-2627

(This space for Federal or State Office use)

APPROVED BY \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_

CONDITION OF APPROVAL, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

NMOCD AV

JUL 12 2012

FARMINGTON FIELD OFFICE

# **A-PLUS WELL SERVICE, INC.**

P.O. BOX 1979  
Farmington, New Mexico 87499  
505-325-2627 \*fax: 505-325-1211

BHP Billiton – San Juan Coal  
Twin Mounds 30 #1

April 3, 2012  
Page 1 of 3

790' FNL and 990' FWL, Section 30, T-30-N, R-14-W  
San Juan County, NM  
Lease Number: NMNM-27024  
API #30-045-25751

## **Plug and Abandonment Report** Notified NMOCD and BLM on 3/23/12

### **Plug and Abandonment Summary:**

**Plug #1** with 60 sxs (70.8 cf) Class B cement with 18% salt (by weight of mix water) inside casing from 1127' to 587' to cover the Pictured Cliffs top and perforated interval 200' below the top; hesitation squeezed cement into perforations; TOC at 912'.

**Plug #2** with 85 sxs (100.3 cf) Class B cement with 18% salt (by weight of mix water) balanced plug inside the 5.5" casing from 950' to 200' to cover the Pictured Cliffs and Fruitland Coal tops and fill the milled coal zone interval; TOH with drill pipe and hesitate squeeze 4.25 bbls cement away; pressure up to 1000 PSI.

**Plug #3** with 32 sxs (37.76 cf) Class B cement from 279' to 0', to cover the surface casing shoe.

### **Plugging Work Details:**

- 3/15/12 Drive to location at San Juan Coal mine. Monitor atmosphere and write Hot Work Permit then Hot Tap DHM no pressure. No pressures or LLC gas observed. Found 5.5" casing cut off above casing head, dug out and found bradenhead valve open, install 2" BH valve. Make up wellhead cap from Twin Mounds 30 #2 wellhead. Dress off 5.5" casing stub; weld on slip on collar. Install 5.5" x 2" casing swedge and valve. SI well. SDFD.
- 3/23/12 Rode rig and equipment to location. RU drilling equipment. NU BOP change pipe rams to 4.5". Set cat walk and pipe rack. SI well. SDFD.
- 3/26/12 Open up well; no pressures on casing or bradenhead. Pressure test BOP to 1000 psi, held OK. PU 4-3/4" cone bit, bit sub and one 4-1/8" drill collar. Tag cement 6' below ground level, break circulation drill cement from 6' to 174'; total of 6 drill collars. Start using 2.875" drill pipe; continue drilling cement from 174' to 265'. Fell thru and then TIH to 424. Resume drilling cement from 424' to 486'. Circulate well clean. SI well. SDFD.
- 3/27/12 Open up well; no pressures. RU drilling equipment and establish circulation. Drill cement 486' to 655'; fell free. Circulate well clean. TIH and continue to drill cement from 796' to 1014'; fell free. Circulate well clean. TOH with BHA. Attempt to TIH with a 5.5" casing scraper, unable to pass welds in 5.5" casing. SI well. SDFD.

## A-PLUS WELL SERVICE, INC.

P.O. BOX 1979  
Farmington, New Mexico 87499  
505-325-2627 \*fax: 505-325-1211

BHP Billiton – San Juan Coal  
Twin Mounds 30 #1

April 3, 2012  
Page 2 of 3

### Plug and Abandonment (continued):

- 3/28/12 Open up well; no pressures. RU Jet West wireline; ran Scientific Drilling Gyro from 1050' to surface. Ran CBL from 1125' to surface. Ran Gamma Neutron Log from 1125' to surface. RD Jet West wireline. RU A-Plus wireline. Set a 5.5" CIBP at 1127'. Pressure test casing to 1500 psi, held OK for 3 minutes. Per MSHA approved plan, perforate the following below the PC top:  
1<sup>st</sup>) perforate 6 HSC holes from 1120' to 1122', establish rate into holes at 1400 psi;  
2<sup>nd</sup>) perforate 6 HSC holes from 1071' to 1073', establish rate of 2 bpm at 700 psi;  
3<sup>rd</sup>) perforate 6 HSC holes from 1020' to 1022', establish rate of 2 bpm at 700 psi;  
4<sup>th</sup>) perforate 6 HSC holes from 970' to 972', establish rate of 2 bpm at 600 psi.  
TIH with open ended drill pipe to CIBP at 1127'. Plug #1 with 60 sxs (70.8 cf) Class B cement with 18% salt (by weight of mix water) inside 5.5" casing from 1127' to 597' to fill the Pictured Cliffs squeeze holes and cover the top. TOH to at 562'. Squeeze 6 bbl of cement away. TOC at 849'. TOH with all tubing. Hesitate squeeze additional 1.5 bbl of cement into perforations; estimated TOC at 912'. Pressured up to 1000 PSI. Shut in well. SDFD.
- 3/29/12 Check well pressures: casing - 300 psi, BHP - 0. PU 4.750" bit and BHA; TIH and tag plug #1 cement at plug at 957'. TOH and LD bit. PU 4.5" Section Mill and BHA. TIH with 2.875" drill pipe and start milling at 895'. Cement in returns and mill 5.5" casing down to 906'. SI well. SDFD.
- 3/30/12 Open up well; no pressures. RU drill equipment. Establish circulation and resume milling casing from 906' to 928'. Circulate hole clean. TOH, inspect section mill knives have good shoulders. SI well. SDFD.
- 4/2/12 Open up well; no pressures. RU Jet West wireline. Ran 3 arm caliper with Gamma thru milled zone; found successful milling. No casing within 6' of coal zone. RD Jet West wireline. RU A-Plus wireline. Perforate 3 HSC holes at 861'. Then perforate 3 HSC holes at 817'. TIH with 2.875" drill pipe to 950'. Connect pump line to the bradenhead valve. Load the BH annulus with 1/8 bbl of water. Pressure test BH annulus to 300 psi, held OK. Circulate well clean. Establish rate 3 bpm at 600 psi thru perforation and milled coal zone. Plug #2 with 85 sxs (100.3 cf) Class B cement with 18% salt (by weight of mix water) balanced plug inside the 5.5" casing from 950' to 200' to cover the Pictured Cliffs and Fruitland Coal tops and fill the milled coal zone interval. TOH with drill pipe. Hesitation squeeze 4.25 bbls away. Pressure up to 1000 PSI. TOC at 408'. SI well. SDFD.

## A-PLUS WELL SERVICE, INC.

P.O. BOX 1979  
Farmington, New Mexico 87499  
505-325-2627 \*fax: 505-325-1211

BHP Billiton – San Juan Coal  
Twin Mounds 30 #1

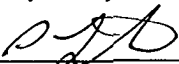
April 3, 2012  
Page 3 of 3

### Plug and Abandonment Summary:

4/3/12 Check well pressures: SICP - 220 psi, SIBHP - 0. TIH with drill pipe and tag plug #2 cement at 405'. TOH to 279'. Plug #3 with 32 sxs (37.76 cf) Class B cement from 279' to surface to cover the surface casing shoe, circulate good cement out the casing valve. ND BOP and remove companion flange. Dig out wellhead. Monitor atmosphere and write Hot Work Permit. Cut off wellhead. Found cement at surface in annulus and down 25' in the 5.5" casing. Fill the casing and install underground P&A marker with 12 sxs Class B cement thru poly pipe. P&A marker at N 36° 47' 25" / W 108° 21' 22". RD rig and equipment. MOL.

Joe Ruybalid, BLM representative was on location.

I hereby certify that the foregoing is true and correct.

  
\_\_\_\_\_  
Phillip Fitzpatrick  
Field Supervisor, A-Plus Well Service