

RCVD MAR 28 '08
OIL CONS. DIV.
DIST. 3

submitted in lieu of Form 3160-5

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

RECEIVED MAR 25 2008 Bureau of Land Management Farmington Field Office		5. Lease Number NM 0272
1. Type of Well Oil		6. If Indian, All. or Tribe Name
2. Name of Operator Orphaned well c/o BHP Billiton, San Juan Coal Company		7. Unit Agreement Name
3. Address & Phone No. of Operator P.O. Box 155, Fruitland, NM 87416		8. Well Name & Number Hall #1
Location of Well, Footage, Sec., T, R, M 1850' FNL & 865' FEL, Section 25, T-30-N, R-15-W,		9. API Well No. 30-045-09217
		10. Field and Pool 1956 Wildcat Well
		11. County & State San Juan County, 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 Back
☐ Casing Repair
☐ Altering Casing
☐ Other -

☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut off
☐ Conversion to Injection

13. Describe Proposed or Completed Operations

Operator re-entered this plugged well and then re-plugged it prior to the coal zone being mined per the attached Plug & Abandonment Report on March 10, 2008.

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

Signed William F. Clark Title _____ Contractor _____ Date 3/10/08

ACCEPTED FOR RECORD

(This space for Federal or State Office use)

APPROVED BY _____ Title _____
CONDITION OF APPROVAL, if any: _____

MAR 25 2008
Date

FARMINGTON FIELD OFFICE

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.

NMOC

A-PLUS WELL SERVICE, INC.

P.O. BOX 1979

Farmington, New Mexico 87499

505-325-2627 * fax: 505-325-1211

BHP Billiton d.b.a San Juan Coal Company
Hall #1

March 10, 2008
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1850' FNL & 865' FEL, Section 25, T-30-N, R-15-W
Lease Number: NM 0272
San Juan County, NM
API #30-045-09217

Plug & Abandonment Report

Work Summary:

- 02/26/08 Conduct MSHA safety training at Advanced Safety. Road rig to location. Dig out 8.625" casing and cut off dry hole marker. Weld on 8.625" bell nipple. Spot rig. SD
- 02/27/08 RU rig. NU 8.625" x 9" Weatherford companion flange, 8.625" collar, 8.625" nipple with 2 - 2.875" outlets, 9" Hi-Tech BOP with 3.5" pipe rams. RU drilling equipment. Tally 4 - 3.5" drill collars and BHA. RIH with 1 drill collar and 4.75" bit; tag at 5'. Start drilling; fell through. Drilled only 1' cement; went down 30'. Circulate casing clean. POH. Strip off adaptor flange and stripping head. LD 4.75" bit. PU 7.875" bit and BHA. Set flange. TIH with 4 drill collars. PU 1 joint 2.375" tubing, tag at 125'. Establish circulation. Start drilling at 125'. Drilled down to 156'. Circulating drilling mud, cedar fiber and formation. Circulate clean. TOH and LD 7.875" bit. PU a 4.75" bit. TIH with 4 drill collars and 4 joints tubing. Bit at 248'. Circulate hole clean. Circulating formation, fine sand and some cedar fiber. LD swivel. PU tongs. Stand back tubing. Shut in well. SDFD.
- 02/28/08 Open well, no pressure. RU lines and pressure test. POH with drill collars and 4.75" bit. Note: bit dragging coming out of hole. PU 6.25" button bit. TIH with drill collars and tubing, tag fill at 238' (10' high). PU power swivel and establish circulation. Start washing out from 238' to 248'. Circulate hole clean; fine sand. Continue to PU and RIH with 2.375" tubing cleaning out to 757'. Some tight spots. Returns mostly silt, some formation. Circulate hole clean at 757'. Hang back swivel. Pull and LD 4 joints. Stand back 8 stands. Shut in well. SDFD.
- 02/29/08 Open well, no pressure. RU drilling equipment. TIH and tag at 345'. PU power swivel and start cleaning out at 345'. Clean out back down to 782'. Circulating out silt and some formation. While circulating hole add 5 gallons Bariod E-Z mud. POH with BHA for over weekend. Had tight spot hole from 630' to 640'. Shut in well. SD.

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Work Summary – Continued:

03/03/08 Open well, no pressure. RIH with 6.25" bit, 4 - 3.5" drill collars, 9 joints 2.375" tubing. Tag at 391'. RU swivel and establish circulation. Clean out well from 391' to 409'. Circulate clean. Pull up on tubing. Tight spot at 391'. Pull tubing up to 377'. Mix 11 sxs Quick gel and 2 sxs soda ash. Rotate bit through tight spot at 391'. Circulate hole 10 minutes. PU on tubing. RIH to 409'. No fill. Clean out well to 441'. PU swivel to 409'. TIH and tag fill at 431'. Clean out to 441'. Circulate well. Add 9 sxs Quik gel. PU swivel to 409'. RIH to 431', no fill. Clean out well from 441' to 564'. Tight spots at 498', 526', 555'. Rotate bit through tight spots until bit would go through without rotating. Circulate hole clean. Clean out to 592'. Continue to wash out down to 629'; returns mostly formation. Circulate hole. RD swivel. LD tubing. Shut in well. SDFD.

03/04/08 Open well, no pressure. TIH with 6.25" bit and BHA to tag at 629'. RU swivel. Establish circulation with mud 2 bpm at 100 PSI. Clean out well from 629' to 917'. No tight spot. Fill at 789'. Circulate hole for 1 hour. Circulate hole clean. RD swivel. TOH with tubing, collars and bit. Shut in well. SDFD.

03/05/08 Open well, no pressure. RU Jet West wireline. Run deviation and gamma ray logs from 917' to surface. Bottom of coal seam approximately 830'. TIH with 4.75" bit, sub. RIH with tubing to 917'. Load tubing with 20 bbls fresh water. Establish good circulation out casing.

Plug #1 with 15 sxs Type G cement (18 cf) with 18% salt inside casing from 917' up to 830' to cover the Pictured Cliffs top.

PUH to 880'. Attempt to reverse circulate. Pump 20 bbls, no circulation out of tubing. Pump 40 bbls water down tubing. Circulate out of casing. No cement. Load well with mud. POH with tubing. LD bit and sub. Shut in well. SDFD.

03/06/08 Open well, no pressure. PU 6.25" bit and subs. RIH with tubing and tag at 787'. RU power swivel. Establish circulation with water. Clean out to 870'. Coal in returns. Clean out to 890'. Coal and cement in returns. Procedure change approved by Steve Mason, BLM representative. RD swivel. POH with tubing and bit. PU Baker 5.625" inflatable packer. RIH with 27 joints tubing. Set packer at 868'. Procedure change approved by Lester Jaramillo, BLM representative. Pressured up to 500 PSI, 1000 PSI, 1500 PSI, 1800 PSI, wait 15 minutes between pressures to set packer. At 1800 PSI, pressure dropped to 1000 PSI. Pressured up to 1800 PSI, pressure dropped to 0 PSI. Pull up on tubing to 15000# string weight, slack off to 0#. Pull up on tubing 15' at string weight. Stack out tubing where packer was set. POH with tubing and packer. Packer rubbers blew out. LD. PU tag sub. RIH with tubing to 890'.

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Work Summary – Continued:

03/06/08 Load tubing with 20 bbls of water. Establish circulation out casing. Plug #2 approved by Steve Mason, BLM representative, and S. Korte, BHP representative.

Plug #2 with 100 sxs Type G cement (115 cf) with 18% salt inside casing from 890' up to 351' to cover the Fruitland coal zones and top.
TOH and LD tubing. LD tag sub. Shut in well. SDFD.

03/07/08 Open well, no pressure. RIH and tag cement at 509'. Load tubing with 10 bbls of water. Establish circulation with 2 bbls.

Plug #3 with 75 sxs Type G cement (87 cf) with 18% salt inside casing from 509' up to 105'.
TOH and LD all tubing. WOC. RIH with 6 joints tubing to 170'. Load hole with 2 bbls of water.

Plug #4 with 42 sxs Type G cement (49 cf) inside casing from 170' to surface, circulate good cement out of casing valve.
TOH and LD all tubing. ND BOP. Dig out wellhead. Issue Hot Work Permit. Bump test monitor, OK. Monitor around wellhead, OK. Cut off wellhead. Found cement at the surface in the 6.25" hole.
Set dry hole plate with 15 sxs cement.
RD & MOL.

Lester Jaramillo, BLM representative, was on location on 2/28/08 and 3/6/08.