

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED

FORM APPROVED  
OMB No. 1004-0137  
Expires: March 31, 2007

OCT 03 2014

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill for, to re-enter and Office abandoned well. Use Form 3160-3 (APD) for such proposals.  
Bureau of Land Management

**SUBMIT IN TRIPLICATE- Other instructions on reverse side.**

|   |   |   |
|---|---|---|
| 1. Type of Well<br><input type="checkbox"/> Oil Well <input type="checkbox"/> <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other |   | 5. Lease Serial No.<br>NM 19163                                 |
| 2. Name of Operator<br>Dugan Production, and BHP Billiton San Juan Coal   |   | 6. If Indian, Allottee or Tribe Name                            |
| 3a. Address<br>PO Box 420, Farmington, NM 87499   | 3b. Phone No. (include area code)<br>505-325-1821 | 7. If Unit or CA/Agreement, Name and/or No.                     |
| 4. Location of Well (Footage, Sec., T., R., M., or Survey Description)<br>1495' FNL and 1570' FEL, Sec. 19, T-30-N, R-14-W Unit G - SW/NE                 |   | 8. Well Name and No.<br>Turk's Toast #93                        |
|   |   | 9. API Well No.<br>30-045-30719                                 |
|   |   | 10. Field and Pool, or Exploratory Area<br>Basin Fruitland Coal |
|   |   | 11. County or Parish, State<br>San Juan, NM                     |

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

| TYPE OF SUBMISSION  | TYPE OF ACTION                                |  |  |   |
|---|---|--|--|---|
| <input type="checkbox"/> Notice of Intent                       | <input type="checkbox"/> Acidize              | <input type="checkbox"/> Deepen                      | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off |
| <input checked="" type="checkbox"/> Subsequent Report <i>bl</i> | <input type="checkbox"/> Alter Casing         | <input type="checkbox"/> Fracture Treat              | <input type="checkbox"/> Reclamation               | <input type="checkbox"/> Well Integrity |
| <input type="checkbox"/> Final Abandonment Notice               | <input type="checkbox"/> Casing Repair        | <input type="checkbox"/> New Construction            | <input type="checkbox"/> Recomplete                | <input type="checkbox"/> Other          |
|   | <input type="checkbox"/> Change Plans         | <input checked="" type="checkbox"/> Plug and Abandon | <input type="checkbox"/> Temporarily Abandon       |   |
|   | <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Plug Back                   | <input type="checkbox"/> Water Disposal            |   |

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomple horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recomple in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

BHP Billiton San Juan Coal plugged and abandoned this well per the attached report. Utilized a closed system.

Marker location: N 36o 48' 10" & W 108o 20' 49"

OIL CONS. DIV DIST. 3

NOV 26 2014

Approved as to plugging  
of the well bore. Liability  
under bond is retained until  
surface restoration is completed.

ACCEPTED FOR RECORD

NOV 24 2014

FARMINGTON FIELD OFFICE  
BY: *D. Porch*

|  |        |                         |
|--|--------|-------------------------|
| 14. I hereby certify that the foregoing is true and correct<br>Name (Printed/Typed)<br>John Alexander  |        | Title<br>Vice President |
| Signature<br><i>John Alexander</i>   |        | Date<br>10/05/2014      |
| <b>THIS SPACE FOR FEDERAL OR STATE OFFICE USE</b>  |        |                         |
| Approved by<br>Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon. | Title  | Date                    |
|  | Office |                         |

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully 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.

(Instructions on page 2)

NMOCD TV

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

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

BHP Billiton/Dugan Production Corporation

August 13, 2014

**Turk's Toast #93**

Page 1 of 3

1495' FNL and 1570' FEL, Section 19, T-30-N, R-14-W  
San Juan County, NM  
Lease Number: NM-19163  
API #30-045-30719

**Plug and Abandonment Report**  
Notified NMOCD on 8/3/14 and BLM on 8/7/14

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

- Plug #1** with 12 sxs (14.16 cf) Class B cement with 18% salt inside casing from 1038' to 880' to fill the squeeze holes at 1028' to 1035' and to cover the Pictured Cliffs top. Tag TOC at 929.41'.
- Plug #2** with 35 sxs (41.3 cf) Class B cement with 18% salt inside casing from 990' to 529' to re-cover the Pictured Cliffs top, fill the milled out casing interval, fill the squeeze holes at 908', 958' and at 808' and to cover the Fruitland top. Tag TOC low at 684'.
- Plug #3** with 53 sxs (62.54 cf) Class B cement inside casing from 676' to surface to cover the Fruitland top and surface casing shoe. Tag TOC at 60'.
- Plug #4** with 24 sxs Class B cement top off casings and install underground plate marker.

### **Plugging Work Details:**

- 8/4/14 Rode rig and equipment to BHP security shack. Sign in. Spot in rig and equipment on location. RU. Check well pressures: tubing 0 PSI, casing 25 PSI and bradenhead had slight blow. RU relief lines. Blow well down. Unseat pump. LD polish rod, 1-2" pony sub, 38 rods 5/8" 1-2' guided pony sub, 1 insert pump on Dugan Production trailer. ND pumping tee and install 4.5" tubing head with flange. NU BOP and function test. TOH and LD 31 joints of 2-3/8" tubing, 1 set nipple, 1 joint, 2' perf sub, bull plug. No tally; rods and pipe taken to Dugan. PU and tally 33 joints A-Plus 2.375" tubing workstring, EUE, 3.875" bit and bit sub. Tag fill at 1022'. SI well. Spot in and rig up drilling equipment. SDFD.
- 8/5/14 Travel to BHP security shack. Sign in. Open up well; no pressures. RU power swivel. Attempt to establish circulation; bit plugged. TOH and clean out bit. TIH with BHA and establish circulation. Wash down to 1038', CO 16' of fill coal and sand in returns. Circulate well clean. TOH with BHA and LD bit. RU Southwest Exploration Service. RIH with Gyro tool, stacked out at 992'. Ran log from 992' to surface. RD Southwest. RU Jet West wireline. Run Neutron log from 1038' to surface. RD Jet West. SI well. SDFD.
- 8/6/14 Standby. Waiting on BLM.
- 8/7/14 Standby.

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### **Plugging Work Details (continued):**

- 8/8/14 Sign in at BHP security shack. Open up well; no pressures. No H<sub>2</sub>S. RU A-Plus wireline. Perforate 6 HSC squeeze holes at 1028' to 1035'. RIH and perforate 2 sets of 6 HSC holes: first from 1028' to 1035'; and second from 1017' to 1020'. RD wireline. TIH to opened ended tubing to 1038'. Establish circulation. Attempt to spot plug #1, tub suction was clogged with overly thick cement. Reverse well clean. Establish circulation. Mix 94 pounds salt in water. Spot plug #1 with calculated TOC at 880'. Hesitate squeeze ½ bbl. until it locked up at 800 PSI. SI well with TOC at 911'. WOC. SDFD.
- 8/9/14 Travel to BHP security shack. Sign in. Open up well; no pressures. Tally BHA as follows: 3-7/8" cone bit .35; bit sub 2.00'; 6 - 3-1/8" drill collars 175.94'. PU and TIH with BHA. Found TOC at 929.41'. Rig up drilling equipment and drill cement down to 990.17'. Circulate well clean. TOH with BHA. PU Weatherford 3.5" suction mill tool and add to BHA. TIH to 950' and start milling out 4.5" casing; observed metal in returns. Continue to mill on 4.5" casing from 950' to 953'. Made polymer sweeps with metal in returns. POH 15' to 938'. Circulate well clean with 1 polymer sweep. SB power swivel and TOH to 736'. SI well. SDFD.
- 8/10/14 Travel to BHP security shack. Sign in. Open up well; no pressures. Bump test H<sub>2</sub>S equipment. Break circulation. RIH to 953'. Pressured up to 600 PSI. Open knives on section mill. Mill down 1-1/2". Note: mud pump surging bad on mill tool. Kick pump out. Circulate well. Remove caps to skid pump. Wait on mechanic to change out valves. Continue lowering tubing to 953'. Pressured up to 600 PSI. Open knives on section mill. Establish good circulation. Mill from 953' to 967'. Metal shavings in returns. Polymer sweeps. Kick out pump. Circulate well clean with Polymer sweeps, SB power swivel. TOH. Knives on mill worn out. PU new section mill. Continue TIH. PU power swivel, establish circulation 100 PSI. RIH tubing down to 967'. Pressured up to 600 PSI. Mill from 967' to 974'. Metal shavings in returns. Polymer sweeps. Kick out pump. Establish circulation with polymer sweeps. SB power swivel. TOH with BHA and section mill, knives on mill are bad. SI well. SDFD.

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## Plugging Work Details (continued):

- 8/11/14 Travel to BHP security shack. Sign in. Open up well; no pressures. PU new section mill toll and TIH with BHA. PU power swivel. Establish circulation. Lower tubing to 974'. Pressured up to 700 PSI. Open knives on mill. Mill out 4.5": casing. Note: E. Herth, BHP and S. Slaugh, Weatherford requested milling at 969' due to knives broken. Mill from 969' to 976'. Metal shavings and coal in returns polymer sweeps. Circulate well clean. Polymer sweeps. TOH and LD BHA and section mill tool. Milled out interval 950' to 976' GL. TIH with bit and tubing to 961'. Establish circulation, circulate well clean. Tag fill at 982'. PU power swivel. Clean out from 982' to 992'. Metal shaving in returns. Polymer sweeps. SB power swivel. TOH. RU Jet West wireline to run Caliper log from 985' to surface. Mill section 949.5' to 976.5', approved good by E. Herth, BHP. SI well. SDFD.
- 8/12/14 Travel to BHP security shack. Sign in. Open up well; no pressures. RU A-Plus wireline. Perforate 6 HSC squeeze holes at 908', 958' and at 808'. Note: E. Herth, BHP and J. Ruybalid, BLM approved perforations. Pressure test bradenhead to 300 PSI, OK. TIH with open ended tubing and tag fill at 980'. Clean out fill from 980' to 992'. Metal shavings in returns. Circulate well clean. LD power swivel. TOH and LD bit. TIH with open ended tubing to 990'. Establish circulation. Pre-mix 18% salt in water. Spot plug #2 with calculated TOC at 529'. Pump squeeze ½ bbl. locked up at 500 PSI. WOC. TIH and tag TOC at 684'. Note: cement dropped 55'; J. Ruybalid, BLM and E. Herth, BHP request to re-spot plug. TIH and LD drill collars. TIH to 676' and establish circulation. Pressure test casing to 500 PSI, OK. Spot plug #3 with TOC at surface. Note: E. Herth, BHP and J. Ruybalid, BLM approved plug #3. TOH and LD tubing on float. SI well. SDFD.
- 8/13/14 Travel to BHP security shack. Sign in. Open up well; no pressures. Tag TOC at 60'. ND BOP and companion flange. ND wellhead. RU jackhammer to chip out sandstone around wellhead. Backhoe to dig out wellhead. Monitor well for H2S, no H2S. Fill out Hot Work Permit. Cut off wellhead. Top off casings with 1" poly pipe. Spot plug #4 and install underground P&A marker. RD and MOL.

Eric Herth, BHP representative, was on location.

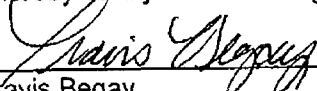
Chris Barbee, BHP representative, was on location.

Jeff Arinder, DXP Safety representative, was on location.

Steve Slaugh, Weatherford representative, was on location.

Joe Ruybalid, BLM representative, was on location.

I hereby certify that the foregoing is true and correct

  
Travis Begay  
Field Supervisor  
A-Plus Well Service, Inc.

Date: 8-13-14

36° 48' 10" N 108° 20' 49" W

Turks Toast #93

8/13/2014

