

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0137  
Expires: January 31, 2018

**SUNDRY NOTICES AND REPORTS ON WELLS**  
**Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.**

5. Lease Serial No. **NM 19163**

6. If Indian, Allottee or Tribe Name

**SUBMIT IN TRIPLICATE - Other instructions on page 2**

7. If Unit of CA/Agreement, Name and/or No.

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

8. Well Name and No. **Turks Toast 2**

2. Name of Operator **Dugan Production, c/o BHP Billiton San Juan Coal Company**

9. API Well No. **30-045-25431**

3a. Address **PO Box 561, Waterflow, NM 87421**

3b. Phone No. (include area code)  
**(505) 598-2000**

10. Field and Pool or Exploratory Area  
**Basin Dakota**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
**790' FNL and 790' FWL, Sec. 19, T-30-N, R-14-W**

11. Country or Parish, State  
**San Juan, NM**

**12. CHECK THE 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 type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Hydraulic Fracturing	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input checked="" 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 recomplate 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 must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

Turks Toast 2 was plugged and abandoned according to MSHA and BLM standards on June 15, 2015. Please reference the attachment for details on the procedure.

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

**ACCEPTED FOR RECORD**

**OIL CONS. DIV DIST. 3**

**NOV 03 2015**

**NOV 09 2015**

FARMINGTON FIELD OFFICE  
BY: *[Signature]*

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)

**Eric Herth**

**Mine Geologist, BHP Billiton San Juan Coal Company**

Title

Signature

*[Signature]*

Date

**10/30/2015**

**THE SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

Title

Date

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.

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)

**NMOCDAV**

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KC



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

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

**BHP**  
**Turk's Toast #2**

June 15, 2015  
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790' FNL and 790' FWL, Section 19, T-30-N, R-14-W  
San Juan County, NM  
Lease Number: NM19163  
API #30-045-25431

**Plug and Abandonment Report**  
Notified NMOCD and BLM on 6/4/15

**Plug and Abandonment Summary:**

- Plug #1** with CIBP at 5573'; spot 20 sxs (23.6 cf) Class B cement from 5573' to 5310' to isolate the Dakota perforations and top. PUH to 4794'.
- Plug #2** with 20 sxs (23.6 cf) Class B cement inside casing from 4794' to 4531' to cover the Gallup top.
- Plug #3** with 20 sxs (23.6 cf) Class B cement inside casing from 3820' to 3557' to cover the Mancos top.
- Plug #4** with 20 sxs (23.6 cf) Class B cement inside casing from 2532' to 2269' to cover the Mesaverde top.
- Plug #5** with 20 sxs (23.6 cf) Class B cement inside casing from 1997' to 1734' to cover the Chacra tops.
- Plug #6** with four sets of squeeze holes (6 HSC holes in a two foot interval per event) at 1135', 1085', 1035', and 985'; mix and spot 28 sxs (33.04 cf) Class B cement with 18% salt BWOW inside the casing from 1204' to 835'. TOH and hesitation squeeze cement outside the casing up to 1000 PSI. WOC.
- Plug #7** with two sets of squeeze holes at 871'- 873' and 821'- 823'; mix and spot 32 sxs (37.76 cf) Class B cement with 18% salt (BWOW) inside 4.5" casing from 960' to 539' to cover the Pictured Cliffs top, fill the milled out casing interval and squeeze holes. Hesitation squeeze to 1000 PSI over 4 hours. TIH and tag TOC at 696'.
- Plug #8** with 3 squeeze holes at 480'; mix and pump 190 sxs (224.2 cf) Class B cement down the 4.5" casing from 480' to surface to cover the Fruitland Coal top, 8-5/8" casing shoe; circulate good cement to surface.

**Underground Plate marker set at N 36° 48' 18" / W 108° 21' 26"**

6/3/15 Rode rig to BHP east gate. Complete inspections with security. Rode rig to location. Spot in and RU. Check well pressures: SITP 250 PSI, SICP 240 PSI and SIBHP 0 PSI. Blow well down. Bradenhead blew down in 1 second. Tubing blew down in 1 minute. Blow down casing in 45 minutes still had light blow. Kill well with 16 bbls water down tubing. ND wellhead. NU and function test BOP. X-over for 2-1/16" tubing. TOH and LD 174 joints 2-1/16" 3.25# J-55 IJ tubing (Dugan Production's) (total 5632.64'). SI well. SDFD.

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Turk's Toast #2

June 15, 2015  
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### Plug and Abandonment Summary Continued:

- 6/4/15 Held safety meeting. Check pressures: CP 200 PSI and BHP 5 PSI. Blow well down. Prepare and tally A-Plus 2.375" workstring. Roundtrip 4.5" string mill to 3817'; unable to get deeper. Attempt to rotate through. TOH and LD string mill. TIH with saw tooth collar on bottom down to 3849'. OK getting past 3817'. TOH with tubing. RU A-Plus wireline truck. Ran 4.5" casing GR to 5580'; note had to work through tight spot at 3817'. RIH and set 4.5" PlugWell CIBP at 5573'. TIH with open ended tubing to 5573' and tag CIBP. SDFN.
- 6/5/15 Held safety meeting. Open up well; no pressures. Load the well with 70 bbls water and circulate clean with another 20 bbls. Pressure test casing to 1000 PSI, held OK. TOH with tubing. A-Plus wireline ran CBL from 5570' to surface, good cement in annulus up to 4500' then 3830' to 580' in annulus. Spot plugs #1, #2, #3, #4 and #5. SI well. SDFD.
- 6/6/15 Held safety meeting. Open up well; no pressures. RU Southwest Exploration wireline. Run Gyro from 1500' to surface. RU Jet West wireline. Run Gamma Neutron log from 1730' to surface. Note: Eric Herth, BHP, identify coal seam #8: 923' to 935'. Casing to be milled from 917' to 941' from ground level per log. SI well. SDFD due to lightening.
- 6/8/15 Held safety meeting. Check well pressures: CP 0 PSI and BHP 4 PSI. Function test BOP. Pressure test casing to 1050 PSI, held OK. RU A-Plus wireline. Perforate 6 HSC squeeze holes from (1) 1135' to 1137', (2) 1085' to 1087', (3) 1035' to 1037', (4) 985' to 987'. Establish rate of 1/4 bpm at 950 PSI. TIH open ended tubing to 1204'. Spot Plug #6 with calculated TOC at 835'. TOH and LD tubing. Hesitation squeeze to 1000 PSI. WOC. PU 3-7/8" blade mill, bit sub, 6 - 3-1/8" drill collars. TIH tubing to 913', no tag. Circulate well clean. Pressured up to 1000 PSI, OK. TOH to 787'. WOC until surface cement sample hardened. TIH and stack out at 935'. Establish circulation and ream down to 960'. Circulate well clean. TOH and LD mill. MU bottom hole assembly (BHA): (1) Weatherford Section mill (2) crossover, (3) and (4) 6 - 3-1/8" drill collars. TIH to 917' and start engage section mill with pump pressure. Mill out 4.5" casing from 917' to 918'. Circulate well clean. Pull up BHA and SDFD.
- 6/9/15 Held safety meeting. Open up well; no pressures. Verify top of milled section at 917'. Mill casing from 918' to 922'. Good amount of metal and cement in returns. Knives failed. TOH with BHA. Replace knives in section mill. TIH. Mill casing from 922' to 923'. Good metal and cement cuttings in returns. Section mill slid down hole, knives failed. TOH. Replace knives in section mill. TIH. Knives not deploying properly, reverse circulate well. TOH with BHA. 1 knife stuck in. PU new section mill. TIH. Verify milled section from 917' to 924'. Mill casing from 924' to 926'. Circulate well clean and pull up. SDFD.
- 6/10/15 Held safety meeting. Open up well; no pressures. Verify milled zone from 917' to 926'. Mill casing from 926' to 930.5'. Good amount of cement and metal in returns. Mill casing from 930.5' to 932'. TOH. Replace section mill. TIH. Mill from 926.5' to 930'. Large amount of cement and coal in returns. Mill 930' to 933.5. Circulate well clean. SDFD.



## A-PLUS WELL SERVICE, INC.

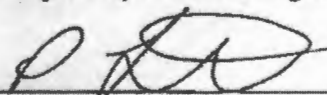
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### Plug and Abandonment Summary Continued:

- 6/11/15 Held safety meeting. Check well pressures: TP and CP 0 PSI and BHP 4 PSI. TOH. Replace section mill. TIH. Verify top off milled section at 917' down to 932'. Mill from 932.5 to 934'. Good amount of metal and cement in returns. Mill from 934' to 936'. Good amount of cement and metal in returns. Torque at 936'. Circulate well clean. TOH. Replace section mill. TIH. Mill from 936' to 937.5'. Circulate well clean and PUH. SDFD.
- 6/12/15 Held safety meeting. Check well pressures: TP and CP 0 PSI and BHP 4 PSI. Verify interval of milled casing from 917' down to 937.5'. Resume milling from 937.5' to 939.5' then mill failed. TOH and replace section mill. TIH and re-mill from 937 to 939'. Mill new from 939' to 940'. Good cement and metal in returns. At 940' see metal in returns. TOH with BHA and replace knife. TIH and resume milling from 940' to 941.5'. Circulate clean TOH and LD BHA. TIH with 5 blade mill and clean out to 954'. TOH and LD blade bit. Rig up Jet West and run caliper log to verify the full casing interval milled out; successful. LD drill collars and SDFN.
- 6/13/15 Held safety meeting. Check well pressures: TP and CP 0 PSI and BHP 3 PSI. A-Plus wireline perforate 6 HSC holes at each: 871' to 873' and 821' to 823'. TIH with open ended tubing to 960' and establish rate into coal zones at 2.5 bpm at 600 PSI. Pre-mix salt in water. Pump plug #7; hesitation squeeze cement outside casing at 1000 PSI. WOC. Tag Plug #7 at 696'. TOH and LD all tubing. A-Plus wireline perforate 3 HSC squeeze holes at 480'. Establish rate of 3 bpm at 800 PSI to surface out the bradenhead valve. ND BOP. NU wellhead. Pump plug #8. SI well and WOC overnight. SDFD.
- 6/15/15 Held safety meeting. Open up well; no pressures. Cement at surface in 4.5" casing. Dig out wellhead. Write Hot Work Permit. Cut off wellhead; had to chip away old cement to be able to cut. Weld on underground plate marker with coordinates: N 36° 48' 18" and W 108° 21' 26". RD and MOL.  
Steve Slaugh, Weatherford Field Service representative was on location.  
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, Inc.

Date: June 15, 2015