

MAR 22 2017

Form 3160-5 (April 2004)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

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

Farmington Field Office Bureau of Land Management

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
7. If Unit or CA/Agreement, Name and/or No.
8. Well Name and No. Turk's Toast Com 92
9. API Well No. 30-045-30730
10. Field and Pool, or Exploratory Area Basin Fruitland Coal
11. County or Parish, State San Juan, NM

SUBMIT IN TRIPLICATE- Other instructions on reverse side.

1. Type of Well [ ] Oil Well [ ] [x] Gas Well [ ] [ ] Other
2. Name of Operator Dugan Production, c/o BHP Billiton San Juan Coal
3a. Address PO Box 561, Water Flow, NM 87421
3b. Phone No. (include area code) 505-598-2000
4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
805' FSL and 2195' FWL, Sec. 18, T-30-N, R-14-W
Lat: 36.8090 N, Lon: -108.3521 W

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

Table with columns TYPE OF SUBMISSION and TYPE OF ACTION. Includes checkboxes for Notice of Intent, Subsequent Report, Final Abandonment Notice, Acidize, Deepen, Production (Start/Resume), Water Shut-Off, etc.

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 recompleat 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 recompleat 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.)

Dugan Prodcution c/o Westmoreland, San Juan Coal Plugged and Abandoned this well per the attached report.
Underground P&A marker is located at N 36° 48' 32.8" / W 108° 21' 07.9".
A closed loop system was used for all waste fluid from this plugging activity.

OIL CONS. DIV DIST. 3
APR 03 2017

ACCEPTED FOR RECORD

MAR 21 2017

FARMINGTON FIELD OFFICE BY: [Signature]

Notify NMOCD 24 hrs prior to beginning operations

14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed) Eric Herth
Title Mine Geologist
Signature [Signature]
Date 03/17/2017

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by
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)



Westmoreland Coal  
300 West Arrington  
Farmington, NM 87401

Turks Toast Com #92  
API 30-045-30730  
805 FSL, 2195 FWL, Section 18, T-30,  
R-14, Long. 00, Lat. 00, San Juan, NM

## Well Plugging Report

### Cement Summary

**Plug #1:** Pictured Cliffs and Fruitland top; 6 SQZ holes at 1182 ft., 6 SQZ holes at 1140 ft. and 6 SQZ holes at 1090 ft.; inside only with 36 sxs of Class B (15.6 ppg, 42.5 cf.), 18% Salt; from 1184' to 710'; Squeezed 11 sxs outside 4.5" casing; final pressure 800 PSI. Then WOC overnight; tagged with tubing at 877'. Drilled down TOC to 1060'. Prepare to mill out casing.

**Plug 2:** Fruitland Coal interval, 6 SQZ holes at 976 ft. and 6 SQZ holes at 926 ft.; inside/outside casing with 56 sxs of Class B (15.6 ppg, 66.1 cf.), 18% Salt; from 1060 ft. to 322 ft.; squeezed 3 sxs cement into formation at final pressure 800 PSI. WOC overnight; tagged with tubing at 404 ft.

**Plug 3:** Surface Casing Shoe and top; inside casing only with 22 sxs of Class B (15.6 ppg, 26.0 cf.) from 182 ft. to surface; circulate good cement out casing valve, TOH with tubing and shut in.

**Plug #4** through poly pipe top off casings. Set p&a marker below grade with 12 sxs of Class B (15.6 ppg, 14.16 cf.); P&A marker with coordinates 36° 48' 32.8" N / 108° 21' 07.9" W

### Work Detail

Date	Activity
03/01/2017	Travel to San Juan Coal main gate. Check in with security. Travel to equipment. Held safety meeting on JSA and SLAM. Perform work permits. Service and start equipment. Road equipment to location. Secure location entrance. Discuss SPCC and Emergency Response plans. Spot in and RU daylight pulling unit. X-O for rods. Check well pressures: SITP-0#, SICP-35#, SIBHP-0#. RU relief lines and open well to pit. PU on rod string and LD polished rod with stuffing box. TOH and LD (4) 3/4" pony rods, (41) 3/4" rods, and 2" top-set pump. X-O for tubing. ND wellhead. MU 5-1/2" by 8-5/8" wellhead and 8-5/8" companion flange. NU and function test BOP. RU work floor and tubing equipment. TOH and tally (34) joints 2-3/8", 4.7#, J-55 tubing (1094.11' total). LD seat nipple and perforated sub. RU Jet West. Run MS energy gyro to 1100'. Run gamma/neutron log from 1100' to surface. PU used 3-7/8" drag bit and (6) Weatherford 3-1/8" drill collars. RIH with A-Plus 2-3/8" 4.7# J-55 workstring; tag fill at 1118'. LD 2 joints tubing, bit at 1054'. SI well. RU power swivel. Clean and secure location. Travel to main gate and check out with security. Travel to yard.
03/02/2017	Travel to San Juan Coal main gate. Check in with security. Travel to location. Held safety meeting on JSA and SLAM. Perform work permits. Service and start equipment. Check well pressures: SITP (bit at 1054')-0#, SICP-35#, SIBHP-0#. Open well to pit. Function test BOP. TIH with 2 joints tubing and swivel; tag fill at 1118'.

# A-PLUS WELL SERVICE

P.O. Box 1979, Farmington, NM 87499



Establish circulation. Ream down from 1118'to 1137'. Drill 1137' to 1140' with high amounts of torque and sticking pipe; rubber and metal in returns. Drill cement from 1140'-1184'. Attempt to circulate well clean, after 5 minutes had diminishing returns. Lost approximately 150 bbl. during drilling operations. Hang back swivel. TOH with tubing and collars, LD bit.

RU A-Plus WL. Run CBL from 1175' to surface. Pumped 30 bbl. water down casing during logging. Pulled out of fluid at 580'. RIH with perforating gun 3-1/8" HSC; 6 perforations each at 1183'-1181', 1141'-1139', and 1091'-1089'.

TIH open ended to 1184'. Pump 10 bbl. of fresh water, circulate hole clean with total 20 bbl. of water. Pre-mix 400lbs salt with 6.25 bbl. of water.

**Set Plug #1** with calculated TOC at 710' TOC. TOH and LD tubing. Pumped 4 bbl. of water - tubing displacement was 2 bbl. (10 sxs cement already into perforations). Squeeze .25 bbl. of water (1 sx cement) holding pressure on casing until it held 800# for 10 minutes. Release pressure and drain wellhead. SI well. Clean and secure location. Travel to main gate and check out with security. Travel to yard.

03/03/2017 Travel to San Juan Coal main gate. Check in with security. Travel to location. Held safety meeting on JSA and SLAM. Perform work permits. Service and start equipment. Check well pressures: SICP-0#, SIBHP-0#. Open well to pit. Function test BOP. PU used 3-7/8" drag bit. TIH with collars and tubing; tag Plug #1 TOC at 877'. PU swivel and establish circulation. Pressure test casing to 800#; held OK. Drill cement from 877'-1060'. Circulate well clean. Hang back swivel. TOH with tubing and collars, LD bit. PU section mill. TIH with collars and tubing; set down at 891'. Attempt to free pipe pulling up to 60,000#; unable to rotate. Reverse circulate well clean. No movement made. Stretch readings show pipe stuck at tool. Drain equipment. SI well. Clean and secure location. Travel to main gate and check out with security. Travel to yard.

03/06/2017 Travel to San Juan Coal main gate. Check in with security. Travel to location. Held safety meeting on JSA and SLAM. Perform work permits. Service and start equipment. Check well pressures: SITP (section mill at 891')-0#, SICP-0#, SIBHP-0#. Open well to pit. Function test BOP. RU Cutters WL. Found lowest drill collar connection at 855'; hold 3/4 round of left hand torque in tubing string during back-off shot; string unscrewed. TOH with tubing and LD 5 drill collars; fish is drill collar box looking up at 855'. PU 3'x 3-1/8" drill collar sub and jars and TIH with (4) collars and tubing; set down on fish at 885'. MU sub to fish. Jar fish free. TOH with tubing and collars; BHA. PU A-Plus string mill with no bit, bit sub, and jars; TIH collars and tubing to taking weight at 855'. RU power swivel and establish circulation. Drill from 855'-855.5'; fell through. Ream freely through area. Hang back swivel. TIH with tubing to taking weight at 996'. LD 2 joints tubing, EOT at 942'. SI well. Clean and secure location. Travel to main gate and check out with security. Travel to yard.

03/07/2017 Travel to San Juan Coal main gate. Check in with security. Travel to location. Hold safety meeting on JSA and SLAM. Perform work permits. Service and start equipment. Check well pressures: SITP (string mill at 942')-0#, SICP-0#, SIBHP-0#. Open well to pit. Function test BOP. PU swivel and TIH tubing; tag at 996'. Establish circulation. Ream from 996' to 1066' with small amounts of torque that frees up quickly. Circulate well clean. Hang back swivel. TOH with tubing collars and jars. MU 3-7/8" cone bit on bottom of string mill. TIH with jars, collars, and tubing with

## A-PLUS WELL SERVICE

P.O. Box 1979, Farmington, NM 87499



bit to 1066'; no noticeable tight spots. TOH with tubing collars and jars. LD string mill. PU section mill. TIH with jars, collars and tubing; tag at 891'. Attempt to work section mill past 891'; unable. TOH with tubing collars and jars. Remove 3-7/8" centralizer from bottom of section mill. MU 3-7/8" 3-blade drag bit, bit sub and seat nipple to bottom of section mill. TIH with jars, collars and tubing to section mill knives at 1020'. Start rotation and bring on pump slowly. Saw small pump pressure drop indicating knives deployed; only metal in returns. Stop swivel after milled from 1020'-1022' and attempt to pull into top stump. Pulled past top stump indicating knives not deployed.

Rotate pipe at 1020' until another pump pressure drop indicating knives deployed; metal and cement in returns. Mill casing from 1020'-1021.5' with high amounts of torque stalling swivel off first foot. Good volumes metal and cement in returns. Circulate well clean. TOH and LD 1 joint of tubing and swivel; section mill at 1003'. SI well. Clean and secure location. Travel to main gate and check out with security. Travel to yard.

03/08/2017 Travel to San Juan Coal Main Gate. Check in with security. Travel to location. Safety meeting on JSA and SLAM. Perform work permits. Service and start equipment. SITP (string mill at 1003')-0#, SICP-0#, SIBHP-0#. Open well to pit. Function test BOP. PU swivel and 1 joint tubing, lower knives to 1019'. Start pump and lower knives past 1020' - saw pressure drop indicating knives deployed. Start rotation. Mill casing 1021.5'-1038' - good volume metal and cement in returns. Circulate well clean. Make connection. Mill casing 1038'-1040' - high torque stalling swivel after connection. Good metal and cement in returns - can hear blockage in hard lines on circulation system. Circulate well clean. LD 2 joints tubing and swivel - section mill at 1003'. SI well. Disassemble hard lines and clear debris. Clean and secure location. Travel to Main Gate and check out with security. Travel to yard.

03/09/2017 Travel to San Juan Coal Main Gate. Check in with security. Travel to location. Safety meeting on JSA and SLAM. Perform work permits. Service and start equipment. Check well pressures: SITP (string mill at 1003')-0#, SICP-0#, SIBHP-0#. Open well to pit. Function test BOP. PU swivel and 2 joints tubing lower knives to 1019'. Start pump and lower knives past 1020' - saw pressure drop indicating knives deployed. Make connection. Start rotation. Mill casing 1040'-1046' - good volumes of metal in returns; small amount of cement in returns consistent for last 6'. Circulate well clean. Hang back swivel. TOH with tubing, collars and jars. LD and inspect section mill - 1 knife broke off; 2 worn down 90%. RU Jet West WLU. Run caliper log through milled zone (2x), found 1040' down with less than 4.5" I.D. PU new section mill with 3-7/8" blade bit on bottom. TIH jars, collars and tubing to section mill at 1003'. SI well. Clean and secure location. Travel to Main Gate and check out with security. Travel to yard.

03/10/2017 Travel to San Juan Coal Main Gate. Check in with security. Travel to location. Safety meeting on JSA and SLAM. Perform work permits. Service and start equipment. Check well pressures: SITP (string mill at 1003')-0#, SICP-0#, SIBHP-0#. Open well to pit. Function test BOP. PU swivel and 1 joint tubing, lower knives to 1019'. Start pump and lower knives past 1020' - saw pressure drop indicating knives deployed. Ream 1020'-1038' - cement in returns. Make connection. Ream 1038'-1040' with cement in returns. Mill 1040'-1047' - good volume cement in returns; small amount of metal. Circulate well clean. Hang back swivel. TOH tubing and LD

Printed on  
3/13/2017

## A-PLUS WELL SERVICE

P.O. Box 1979, Farmington, NM 87499



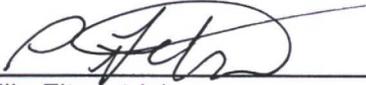
collars, jars, and section mill. RU Jet West WLU. Run caliper log through milled zone showing successfully milled casing past Coal Seam 8. A-Plus WLU - 3-1/8" HSC, 6 perforations each at 977'-975' and 927'-925'. TIH open ended to 1060'. RU pump to BH valve and load with 1 bbl., pressure test BH to 300# - held OK. RU pump to tubing and load hole with 4 bbl., pump 12 bbl. ahead total. Pre-mix 550lbs salt with 8.75 bbl. water.

**Set Plug #2** with calculated TOC at 322'. RU pump to casing valve and load hole with 1.75 bbl. (tubing displacement was 1.75 bbl.). Squeeze away .5 bbl. (3sxs) holding pressure at 800# until held 800# for 10 minutes with no bleed off.

Relieve pressure and drain wellhead. SI well. Clean and secure location. Travel to Main Gate and check out with security. Travel to yard.

03/13/2017 Travel to San Juan Coal Main Gate. Check in with security. Travel to location. Safety meeting on JSA and SLAM. Perform work permits. Service and start equipment. Open up well; no pressures. Function test BOP. TIH and tag Plug #2 TOC at 404'. RU pump to tubing and pump 2 bbl. ahead. **Set Plug #3** with TOC at surface. Circulate good cement out 4.5" casing valve. TOH and LD all tubing. ND and hang back BOP. RD daylight pulling unit. Dig out wellhead. Monitor wellhead for gas - OK. Perform Hot Work Permit. Cut off wellhead. **Set plug #4** through poly pipe top off casings. Install below grade P&A marker with coordinates 36° 48' 32.8" N / 108° 21' 07.9" W. MOL.

I hereby certify that the foregoing is true and correct.

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

Date: March 13, 2017