

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FEB 17 2015

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

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.

SUBMIT IN TRIPLICATE- Other instructions on reverse side.

1. Type of Well
 Oil Well 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)
790' FNL and 1650' FEL, Sec. 24, T-30-N, R-15-W

5. Lease Serial No.
NM 10875

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.
Greek's Fete 2

9. API Well No.
30-045-25255

10. Field and Pool, or Exploratory Area
Basin Dakota

11. County or Parish, State
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>BP</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 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 shall 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 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 Production, c/o BHP Billiton San Juan Coal Plugged and Abandoned this well per the attached report.

Underground P&A Marker is located at N 36o 46' 32.9316" / W 108o 26' 22.5384".

OIL CONS. DIV DIST. 3

APR 01 2015

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

ACCEPTED FOR RECORD

MAR 30 2015

**FARMINGTON FIELD OFFICE
BY: TL Salyers**

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

Name (Printed/Typed) William Clark	Title Contractor
Signature <i>William Clark</i>	Date 02/11/2015

THIS 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)

NMOCDFY

A-PLUS WELL SERVICE, INC.

P.O. BOX 1979

Farmington, New Mexico 87499

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

BHP

February 5, 2015

Greek's Fete #2

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790' FNL and 1650' FEL, Section 24, T-30-N, R-15-W

San Juan County, NM

Lease Number: NM10875

API #30-045-25255

Plug and Abandonment Report
Notified NMOCD and BLM on 1/5/15

Plug and Abandonment Summary:

- Plug #1** with CR at 5407': spot 24 sxs (28.32 cf) Class B cement from 5407' to 5091' to isolate the Dakota perforations and top. ✓
- Plug #2** with 20 sxs (23.6 cf) Class B cement with 2% CaCl₂ inside casing from 4609' to 4346' to cover the Gallup top. WOC and then tag TOC at 4399'. ✓
- Plug #3** with 20 sxs (23.6 cf) Class B cement inside casing from 3643' to 3379' to cover the Mancos top. WOC overnight and tag TOC at 3445'. ✓
- Plug #4** with 20 sxs (23.6 cf) Class B cement mixed with 2% CaCl₂ from 2400' to 2136' to cover the Mesaverde top. WOC and tag TOC at 2233'. ✓
- Plug #5** with 20 sxs (23.6 cf) Class B cement 1838' to 1574' to cover the Chacra tops. WOC overnight and then tag TOC at 1591'. ✓
- Plug #6** with six set of squeeze holes from 1007' to 805': mix and spot 40 sxs (47.2 cf) Class B cement with 18% salt inside the casing from 1056' to 5238' as follows: 1) spot cement and displace; 2) TOH with tubing; 3) fill casing with 3 bbls of water; and 4) attempt to hesitate squeeze over the next three hours, unable to get a squeeze pressure. Left TOC at 776'. WOC overnight and tag TOC at 833'. ✓
- Plug #6A** with total of 60 sxs (70.8 cf) Class B cement with 18% salt from 833' to 570' as follows: 1) mix and squeeze 55 sxs with the casing valve shut and circulation out the BH valve; 2) shut the BH valve and open casing valve; 3) continue to pump additional 5 sxs of cement; 4) leave 40 sxs cement outside the 4.5" casing and 20 sxs inside; 5) TOH with tubing; 6) fill casing with 2 bbls of water and hesitation squeeze 5 bbls. in casing outside; would pressure up to 500 PSI then to zero in 10 minutes. Estimated TOC at 614'. WOC overnight and tag cement at 524'. ✓
- Plug #6B** with 20 sxs (23.6 cf) Class B cement with 18% salt: 1) mix and spot cement from 870' to 602'; 2) then TOH with tubing; 3) fill casing with 2.5 bbls water; 4) hesitation squeeze to 900 PSI. WOC overnight. Tag TOC at 624'. ✓
- Plug #6C** with 40 sxs (47.2 cf) Class B cement with 18% salt; 1) mix and spot cement from 1057' to 529'; 2) TOH with tubing; 3) fill casing with 1.75 bbls water; 4) hesitation squeeze casing with final squeeze pressure of 1000 PSI. TOC at 567'. WOC overnight. Tag cement at 529'. ✓
- Plug #7** with squeeze holes at 688': spot 50 sxs (59 cf) Class B cement with 18% salt from 775' to 116'; hesitation squeeze up to 400 PSI. WOC overnight. Tag TOC at 636'. ✓
- Plug #7A** with 20 sxs (23.6 cf) Class B cement mixed with 18% salt from 636' to 372'; TOH with tubing and squeeze cement up to 500 PSI. WOC overnight. TIH and tag at 433'. ✓
- Plug #8** with squeeze holes at 410'; mix and pump 128 sxs (151.04 cf) Class B cement down the 4.5" casing to circulate good cement out the bradenhead valve; covering the Fruitland top and surface casing shoe. ✓

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P.O. BOX 1979

Farmington, New Mexico 87499

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

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Greek's Fete #2

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Plug and Abandonment Summary:

- 1/5/15 Rode rig and equipment to location. Watch video on H2S training. Spot in. Check well pressures: tubing 280 PSI, casing 0 PSI, BH 10 PSI. Rig up Phoenix Slick line. Run Gauge ring to 5367', found tubing is 1-1/2". RIH and retrieve brush piston and bumper spring. Unable to retrieve tubing stop. RD slick line. Check well for H₂S, none. Pump 15 bbls of water down tubing. ND WH. NU BOP. PU on tubing 2' above BOP. Possible tension packer down hole. Shut well in. SDFD.
- 1/6/15 Held safety meeting. Complete Right to Work Permit/Heights Permit. Check well pressures: tubing and casing - 0 PSI and BH 10 PSI. Work packer free and LD 134 joints tubing, then packer, then 32 more joints and SN. Total of 166 joint 1-1/2" tubing; total 5383'. PU 4.5" string mill and A-Plus 2" workstring. RIH and tag at 5461' GL. TOH and LD string mill. SI Well. SDFD.
- 1/7/15 Held safety meeting. Complete out Right to Work Permit/Heights Permit. Check well pressures: casing 20 PSI, BH 10 PSI. Open well to pit. TIH and set CR at 5407'. Pressure test tubing to 1500 PSI, good test. Establish circulation with 40 bbls of water plus an additional 75 bbls to clean up returns. Attempt to pressure test casing to 1000 PSI, down to zero in 2 minutes. Rig up A-Plus wireline truck. Run CBL from 5407' to surface. Found good cement from 5407' to 4200'. Found spotty cement from 4200'-1000'. RD WL. TIH with tubing and tag CR. Spot Plug #1. Note: Joe Rybalid, BLM, approved procedure change. TOH to 4448'. SI Well. SDFD.
- 1/8/15 Held safety meeting. Complete Right to Work Permit/Heights Permit. Check well pressures: tubing 0 PSI; BH 10 PSI. Open well to pit. TIH and tag plug #1 at 5143'. Establish circulation. Attempt to pressure test casing, lost 800 PSI in 1 minute. Pre-mix 2% Cal. Chloride for 20 sxs. Spot Plug #2. SI Well and WOC. TIH and tag TOC at 4399'. WOO for approved procedure based on CBL. Attempt to pressure test casing, same leak. Joe Ryablid, BLM, and Brandon Powell, NMOCD, approved procedure change. Spot Plug #3. PUH to 2731' and SI Well. WOC overnight. SDFD.
- 1/9/15 Held safety meeting. Complete Right to Work Permit/Heights Permit. Check well pressures: tubing and casing 0 PSI. BH TSTM. TIH and tag plug #3 at 3445'. Attempt to pressure test casing, same leak. Spot Plug #4. SI Well. WOC. TIH and tag TOC at 2233'. Establish circulation with 2 bbls of water. Attempt to pressure test casing to 1000 PSI, lost 200 PSI in one minute. Spot Plug #5. PUH to 951' and WOC overnight. SI Well. SDFD.
- 1/12/15 Held safety meeting. Complete Right to Work Permit/Heights Permit. Check well pressures: casing and tubing 0 PSI. BH TSTM. TIH and tag plug #5 at 1591'. Pressure test casing to 1000 PSI, good test. HSM with South West Exploration. Run Gyro. RD SWE. RU Jet West. Run Gamma Neutron from TOC to surface. RD Jet West. SI Well. SDFD.

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Plug and Abandonment Summary Continued:

- 1/13/15 Held safety meeting. Complete Right to Work Permit/Heights Permit. Check well pressures: casing 0 PSI; BH TSTM. Rig up A-Plus wireline and perforate 5 times, 6 holes each event: 1007'-1005', 957'-955', and 907'-905', 857'-805'. Load casing with 15 bbls of water. Establish rate of 4 bbls a minute at 200 PSI out BH. E. Herth with BHP and B. Powell, NMOCD, approved procedure change. Pump and establish circulation with 3 bbls of water. **Spot Plug #6**. TOH with tubing and then attempt a hesitation squeeze; no final pressure. SI Well. Will no PSI up. Estimated TOC at 797'. Will not pressure up. Left 21 sxs inside casing and 19 sxs outside to fill perforations from 1007' to 805'. WOC overnight. SI Well. SDFD.
- 1/14/15 Held safety meeting. Complete Right to Work Permit/Heights Permit. Check well pressures: casing on vacuum; BH 50 PSI. TIH and tag plug #6 TOC at 833'. Establish circulation with water. Shut in casing. Establish circulation out BH with 8 bbls of water. Shut in BH. Establish rate of 3.5 bbls at 450 PSI into perforations. **Spot Plug #6A**. Top off casing with 2 bbls of water. Shut in casing. Hesitation squeeze with 5 bbls. in casing; would pressure up to 500 PSI then to zero in 10 minutes. SI Well. Estimated TOC at 797'. WOC. SDFD.
- 1/15/15 Held safety meeting. Completed Right to Work Permit/Heights Permit. Check well pressures: casing 40 PSI; BH 5 PSI. Pressure test casing to 1000 PSI, good test. TIH and tag TOC at 524'. RU drilling equipment. Drill out cement from 524' to 775'. RD drilling equipment. Establish circulation. Shut in casing. Attempt to pressure test casing, lost 200 PSI in 1 minute, no test. Possible pipe rams leaking. TOH with tubing. Shut in casing. Attempt to pressure test, no test. Lost 200 PSI in 5 minutes. Will let air work way out overnight. SI Well. SDFD.
- 1/16/15 Held safety meeting. Completed Right to Work Permit/Heights Permit. Check well pressures: 0 PSI on well. Fluid level at casing valves. Top off casings and attempt to pressure test, no test. E. Herth approved to PU string mill and TIH to circulate well clean and PU 4-12" tension packer and attempt to determine where leak is. Round trip string mill. Attempt to pressure test casing. WO packer. PU 4.5" packer and set 5' above TOC at 770'. Attempt a test below packer lost 400 PSI in 5 minutes. Test above packer to 1000 PSI, good test for 30 minutes. Release packer and TOH. TIH with bit and tag TOC at 775'. PU Power Swivel. Drill cement from 775' to 865'. Attempt to establish rate into perforations. Pressure up to 1000 PSI, with bleed off 1 bbl per minute. PUH and SI Well. SDFD.
- 1/17/15 Held safety meeting. Eric Herth, BHP, approved not having to fill out Right to Work Permit/Heights Permit. Check well pressures: 0 PSI on well. Open well to pit. **Spot Plug #6B**. Top load casing with 24 bbls of water. SI Well. Attempt to hesitate squeeze. Pressure up to 750 PSI, lost 150 PSI in 30 minutes. Second attempt pressure up to 900 PSI, lost 40 PSI in 30 minutes. Pressure back up to 900 PSI. Left shut in with casing pressure of 900 PSI. SI Well. SDFD.

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P.O. BOX 1979

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Plug and Abandonment Summary Continued:

- 1/19/15 Held safety meeting. Complete Right to Work Permit/Heights Permit. Check well pressures: casing 20 PSI, BH 0 PSI. Open well to pit. TIH and tag TOC at 624'. PU Power Swivel. Establish circulation out casing. SI casing valve. Attempt to pressure test casing, good test at 1000 PSI. Drill from 624' to 780'. Pump 13 bbls fresh water down tubing out casing. Top load casing with 2.5 bbls of water. Attempt to test casing, pressure up to 1000 PSI. Lost 680 PSI in 30 minutes. Wait on Orders. Eric Herth, BHP, approved procedure change. TIH and drill to 800'. Circulate well clean. TOH with tubing. SI Well. SDFD.
- 1/20/15 Held safety meeting. Complete Right to Work Permit/Heights Permit. Check well pressures: casing and BH 0 PSI. TIH and tag TOC at 800'. Eric Herth, BHP, approved procedure change. Drill from 800' to 1059'. Circulate well clean with 25 bbls of fresh water. RD drilling equipment. TOH with tubing and LD paddle bit. Top off casing with 2 bbls of water. SI Well. SDFD.
- 1/21/15 Held safety meeting. Complete Right to Work Permit/Heights Permit. Check well pressures: casing and BH 0 PSI. Open well to pit. Attempt to pressure test casing. Establish circulation with 0.5 bbls of water at 1000 PSI. HSM with A-Plus WL. RIH and tag TOC at 1064'. PU string mill. TIH and tag at 957'. RIH and run CBL from 1060'-0'. Found poor cement from 1000' to 957'. Found good cement from 957' to 923', 907' to 840' and 820' to 670'. Eric Herth approved to spot inside plug and re-squeeze. TIH with tubing. **Spot Plug #6C**. Top off casing 1.75 bbls of water. Attempt to pressure test casing, no test. TOH with tubing. Hesitate squeeze to 1000 PSI, locked up. SI Well. SDFD.
- 1/22/15 Held safety meeting. Complete Right to Work Permit/Heights Permit. Check well pressures: casing TSTM; BH 0 PSI. Open well to pit. TIH and tag TOC at 529'. Establish circulation and start drilling from 529 to 780'. RD drilling equipment. Establish circulation. Shut in casing. Attempt to pressure test casing, no test. Lost 100 PSI in 5 minutes. Load casing with 2 bbls of water. Attempt to pressure test casing against blind rams. Found leaks and fixed. Pressure test casing to 1000 PSI for 30 minutes; held good; witnessed by Joe Ryblid, BLM representative. TOH with tubing. SI Well. SDFD.
- 1/23/15 Held safety meeting. Completed Right to Work Permit/Heights Permit. Check well pressures: casing and BH 0 PSI. Open well to pit. PU Weatherford section mill tools. RIH to 720'. Pump and establish circulation at rate of 3 BPM at 350 PSI. Start milling at 720'-730' with 3 sweeps. Pump last sweep and circulate hole clean bottoms up for 20 minutes. PU into casing. TOH with 4 joints. SI Well. SDFD.
- 1/26/15 Held safety meeting. Completed out Right to Work Permit/Heights Permit. Check well pressures: 0 PSI on well. Open to pit. TIH with 4 joints. RU drilling equipment. Section mill 730'-745' with poly sweeps every 2-3'. Pump 2 bbls poly sweep. Circulate bottoms up 3 times. RD drilling equipment. TOOH with 17 joints and 6 drill collars. 2 drill collars were swelled at connection change out. LD section mill. SI Well. SDFD

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Plug and Abandonment Summary Continued:

- 1/27/15 Held safety meeting. Completed Right to Work Permit/Heights Permit. Check well pressures: casing and BH 0 PSI. TIH with drill collars. Found 3 more bad drill collars. Pick up 4 more drill collars from Weatherford. PU 3-1/8" drill collar with section mill tool on bottom. TIH and start milling at 745'. Mill from 745'-750' with sweeps every 2'. Circulate clean with 4 bbls of water. RD drilling equipment. TIH with 6 drill collars and 16 joints. SI Well. SDFD.
- 1/28/15 Held safety meeting. Completed Right to Work Permit/Heights Permit. Check well pressures: 0 PSI on well. RU drilling equipment. PU 1 joint and tag at 749'. Circulate cement at cutting out. Start cleaning out to 780'. After sweeps circulate quarter/half dollar size returns cutting cement. PU section mill with redressed knives. TIH with 6 drill collars and 16 joints. RU drilling equipment. PU swivel pump. Establish circulation and RIH to 740'. Start milling from 750' to 752'. TD at 760'. PUH 2' off bottom. During milling pump sweeps every 2' and big sweep at TD. Circulate casing bottoms up 4 times. RD drilling equipment. HSM with Jet West. Run caliper log. Found casing milled good from 720'-751'. Will re-mill last 9'-10' in A.M. SI Well. SDFD.
- 1/29/15 Held safety meeting. Completed Right to Work Permit/Heights Permit. Check well pressures: 0 PSI on well. Open well to pit. PU Weatherford Mill. TIH with 6 drill collars, 16 joints. RU drilling equipment. PU 1 joint with swivel. Start reaming down at 745'. Tight spots at 751'. Start milling at 751'-762'. Circulate hole clean with big sweeps of poly plus bottoms up 4 times. RD drilling equipment. TOOH with 16 joints and 6 drill collars. Lost 1 arm, total of 4 arms on well. HSM with Jet West. Run caliper log. Found milled section from 721'-755'. Found shavings and metal. Eric Herth approved to clean out hole and attempt another caliper and conductivity log. RD Jet West. PU Paddle bit and TIH with 6 drill collars and 16 joints. SI Well. SDFD.
- 1/30/15 Held safety meeting. Completed Right to Work Permit/Heights Permit. Check well pressures: 0 PSI on well. Open well to pit. RIH and tag up at 776'. Pump and establish circulation. Sweep up and down from 750'-775'. Circulate steel, rocks and cement out at circulation bottoms. RD Drilling equipment. TOOH with 16 joints and 6 drill collars. RU Jet West to run calibration log. Approximately 5' of milling left. Eric Herth approved to pick up knife. RD Jet West. TIH and tag casing at 754'. Mill out casing from 754' to 760' with 600 PSI. Circulate hole clean with big sweeps of poly plus bottoms up 3 times. Mill blades would not fold over, unable to work tubing. Reverse circulation out tubing and continue to work section mill free. LD 1 more joint with power swivel, EOT at 716'. SI Well. SDFD.

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Plug and Abandonment Summary Continued:

- 2/2/15 Held safety meeting. Completed Right to Work Permit/Heights Permit. Check well pressures: 0 PSI on well. Open well to pit. RD Power Swivel. Jet West to run calibration log. Approved to mill out section from 720'-760'. RD West Jet. A-Plus WL perforated at 688'. Establish circulation out BH with total of 10 bbls of water. **Spot Plug #7**. Load casing with 2 bbls of water. Shut Blind Rams. Open BH valve and pump 6.5 bbls of water. SI Bradenhead valve. Begin hesitation squeeze. Max pressure 400 PSI. Pumped 9-1/2 bbls total leaving estimated TOC at 590'. SI Well. SDFD.
- 2/3/15 Held safety meeting. Completed Right to Work Permit/Heights Permit. Check well pressures: casing and BH 0 PSI. Open to pit. TIH and tag TOC at 636'. Pump and establish circulation with 1 bbl of water. Shut in casing. Pump and establish rate of 1 BPM at 1000 PSI. Eric Herth, BHP and Ron Chavez, BLM approved to spot plug squeeze cement out. **Spot Plug #7A**. Top off casing with 1.5 bbls of water. Estimated TOC at 402'. Pump 10 bbls of water and pressure up to 500 PSI. Pump hesitation squeeze, work up to 1000 PSI in 1.5 hour increments. Lost 40 PSI. SI Well. SDFD.
- 2/4/15 HSM. Completed Right to Work Permit/Heights Permit. Check well pressures: casing 90 PSI and BH 0 PSI. Pressure test casing to 1000 PSI for 30 minutes, witnessed by Eric Herth. TIH and tag TOC at 433'. HSM with WL. RIH and perforate 6 HSC holes at 410'. Pump and establish circulation out the bradenhead with 21 bbls of water. **Spot Plug #8**. SI well and WOC. ND BOP. BHP backhoe dug out WH. Perform Hot Work Permit. Cut WH 4' below surface. Found cement in 4.5" casing at surface and in 4.5" x 8.625" annulus at 4' from surface. Install underground plate P&A marker at:
N 36° 46' 32.916" / W 108° 26' 22.5384".
- 2/5/15 Held safety meeting. RD rig and equipment and MOL. Ron Chavez, BLM representative was on location. ✓

I hereby certify that the foregoing is true and correct ✓



Dereck Comanche
Field Supervisor
A-Plus Well Service, Inc.

Date: February 11, 2015