

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

MAY 06 2016

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

Farmington Field Office
Bureau of Land Management NM 10875

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 San Juan Coal Company

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)
870' FSL and 1070' FEL, Sec. 13, T-30-N, R-15-W

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 #1

9. API Well No.
30-045-23915

10. Field and Pool, or Exploratory Area
Twin Mounds

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	<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 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 Production, c/o San Juan Coal Plugged and Abandoned this well per the attached report.

Underground P&A marker is located at N 36° 48' 33.7" / W 108° 21' 48.2".

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

OIL CONS. DIV DIST. 3

MAY 18 2016

ACCEPTED FOR RECORD

MAY 16 2016

FARMINGTON FIELD OFFICE
BY: TL Salyers

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

Eric Herth

Title **Mine Geologist**

Signature

Date

04/28/2016

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)

NMOCDAV

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A-PLUS WELL SERVICE, INC.

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

San Juan Coal
Greek's Fete #1

April 26, 2016
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870' FSL and 1070' FEL, Section 13, T-30-N, R-15-W
San Juan County, NM
Lease Number: NM-10875
API #30-045-23915

Plug and Abandonment Report

Notified NMOCD and BLM on 3/16/16

Plug and Abandonment Summary:

Plug #1 with 60 sxs (70.8 cf) Class B cement mixed with 18% salt solution (BWOW) in the openhole interval from 801' to 240'. WOC overnight and tag TOC with tubing at 429'. ✓

Plug #2 with 81 sxs (95.58 cf) Class B cement in the openhole interval from 429' to surface to cover the Fruitland top and the 5-1/2" casing shoe: 1) mix and spot pump 73 sxs to circulate good cement out 5-1/2" casing valve, 2) TOH LD all tubing; and 3) connect pump line to 5-1/2" casing valve and re-fill casing to surface with 8 sxs. SI well and WOC. ✓

Weld on underground plate marker with coordinates N 36° 48' 33.7" / W 108° 21' 48.2". ✓

Work Details:

- 3/17/16 MOL with rig and equipment. Found DHM perforated with bullet holes. Dig out around dry hole marker (DHM). Found 5-1/2" casing 30" below ground level. Remove DHM and found 2-7/8" casing 1' above ground level. Welder prepare the 5-1/2" and 2-7/8" casing to receive tubing heads. Back fill cellar with backhoe. Install 5-1/2" x 8-5/8" wellhead with 8-5/8" companion flange. SDFD.
- 3/18/16 Held safety meeting. Spot in base beam and rig equipment. RU rig and equipment. NU BOP and diverter. Mix 2 sxs of soda ash and 30 sxs of fresh water gel. RU power swivel. SI well. SDFD.
- 3/21/16 Held safety meeting. PU BHA as follows: 2-1/4" fish tail bit, bit sub, X-over, one 2-3/8" string mill, X-over to drill collars. Total BHA length 3.94'. PU first 2-1/4" drill collar and RIH to 6'. Establish circulation and wash down to 105'. Drill hard cement from 105' down to 152'. Circulate well clean. TOH and LD 5 drill collars. SH well and SDFD.
- 3/22/16 Held safety meeting. Check mud properties. TIH with BHA and PU drill collars. Break circulation and drilling hard cement from 152' down to 197'; BHA has 6 - 2-1/4" drill collars then using 1-1/2" MT drill pipe. Circulate well clean. TOH and inspect the bit. SDFD.
- 3/23/16 Held safety meeting. Check mud properties. TIH with BHA. Continue to drill from 197' down to 281'. Circulate well clean. TOH and inspect BHA. SDFD.
- 3/24/16 Held safety meeting. Check mud properties. TIH with BHA. Continue to drill from 281' to down to 511'. Circulate well clean. TOH. SDFD.
- 3/25/16 Held safety meeting. Check mud properties. Continue to drill from 511' to 775'. Pipe hung up; worked free. TOH and LD 2 joints MT drill pipe with power swivel. TOH and SDFD.

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Plug and Abandonment Summary:

- 3/28/16 Held safety meeting. Check mud properties. TIH with BHA, 6 drill collars and 1-1/2" MT drill pipe to 725'. Drill down to 800'. Circulate well clean; cement in returns. TOH and LD drill pipe and BHA. SI well. SDFD.
- 3/29/16 Held safety meeting. RU A-Plus wireline. Ran CBL from 800' to surface, found good cement in annulus to surface. Couplings near proposed cut depths at 702' and at 300'. A-Plus wireline jet cut casing 7 times at: 696', 600', 500', 400', 302', 200' and 100'. RD wellhead equipment from 2-7/8" casing and NU Washington stripping head on BOP onto 5-1/2" tubing head. Make up BHA: one 4-3/4" wavy mill bottom shoe; one 20' joint 4-1/2" wash pipe; a camfield bushing; and then 3-1/8" drill collar sub (10'). Work mill shoe onto 2-7/8" casing stub inside the 5-1/2" casing. RU drilling system and break circulation. Mud properties: 8.4 ppg and 49 Vis. Start milling on cement 3' down. Drill down to 16'. Circulate well clean. Pull BHA and shoe out of well. SI well. SDFD.
- 3/30/16 Held safety meeting. Mud properties: 8.4 ppg and 54 Vis. Drill / washover 2-7/8" casing from 16' down to 26'. Circulate well clean. TOH with shoe. SI well. SDFD.
- 3/31/16 Held safety meeting. Check mud properties. Drill / washover 2-7/8" casing from 26' down to 30'. Circulate well clean. TOH with shoe. SI well. SDFD.
- 4/1/16 Held safety meeting. Mud properties: 8.4 ppg and 46 Vis. Drill / washover 2-7/8" casing from 30' down to 60'. Circulate well clean. TOH with shoe. SI well. SDFD.
- 4/4/16 Held safety meeting. Mud properties: 8.4 ppg and 44 Vis. Drill / washover 2-7/8" casing from 60' down to 133'. Circulate well clean. TOH with shoe. SI well. SDFD.
- 4/5/16 Held safety meeting. Fish out a 30' piece of 2-7/8" casing, then a 30'; then 11' piece. Drill / washover 2-7/8" casing from 133' down to 162'. Circulate well clean. TOH with shoe. SI well. SDFD.
- 4/6/16 Held safety meeting. Mud properties: 8.4 ppg and 44 Vis. Drill / washover 2-7/8" casing from 162' down to 210'. Circulate well clean. TOH with shoe. SI well. SDFD.
- 4/7/16 Held safety meeting. Fish out a 100' piece of 2-7/8" casing. Top of fish at 200'. Drill / washover 2-7/8" casing from 210' down to 273'. Circulate well clean. TOH with shoe. SI well. SDFD.
- 4/8/16 Held safety meeting. Mud properties: 8.5 ppg and 42 Vis. Drill / washover 2-7/8" casing from 210' down to 316'. Circulate well clean. TOH with shoe. Fish out a 102' of 2-7/8" casing. SI well. SDFD.
- 4/11/16 Held safety meeting. Mud properties: 8.5 ppg and 41 Vis. Drill / washover 2-7/8" casing from 316' down to 380'. Circulate well clean. TOH with shoe. SI well. SDFD.
- 4/12/16 Held safety meeting. Mud properties: 8.5 ppg and 43 vis. Drill / washover 2-7/8" casing from 380' down to 415'. Fish out 98' of 2-7/8" casing. Top of fish at 400'. Shut in well and SDFN.

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Plug and Abandonment Summary:

- 4/13/16 Held safety meeting. Mud properties: 8.4 ppg and 40 Vis. Drill / washover 2-7/8" casing from 415' down to 489'. Circulate well clean. TOH with shoe. SI well. SDFD.
- 4/14/16 Held safety meeting. TIH with washover shoe and BHA; stack out at 444'. Mud properties: 8.5 ppg and 40 Vis. Ream down to 489'. Drill from 489' to 534'; then circulate well clean. TOH with washover assembly. Fish out 100' of 2-7/8" casing, fish top is at 500'. SI well. SDFD.
- 4/15/16 Held safety meeting. Mud properties: 8.6 ppg and 40 Vis. Drill / washover from 534' to 586'; hole sticky and pipe torqueing up. Circulate well clean. TOH with WO assembly. SI well. SDFD.
- 4/18/16 Held safety meeting. Condition mud to 8.4 ppg and 40 Vis. Ream down to 586'. Drill / washover from 586' to 607'. Circulate well clean. Fish out a cut off partial joint 2-7/8" casing and 2 full joints. Top of fish at 577'. Fish out another piece of 2-7/8". Top of fish at 600'. TIH washover assembly. Drill from 607' to 622' and circulate well clean. TOH with worn out shoe. SI well. SDFD.
- 4/19/16 Held safety meeting. Condition mud to 8.4 PPG and 39 Vis. Ream down then drill / washover from 622' to 688'. Hole sticky and sometimes loose circulation. TOH with pipe, shoe OK. SI well. SDFD.
- 4/20/16 Held safety meeting. Condition mud to 8.7 ppg and 39 Vis. Ream down to 668'. Drill from 668' to 702'. TOH and found shoe worn. Fish out 96' of 2-7/8" casing. Top of fish at 696'. SI well. SDFD.
- 4/21/16 Held safety meeting. TIH with new 4-7/8" shoe. Condition mud: 8.5 ppg and 39 Vis. Ream down from 647' to 700'; pipe stuck. Work free. Circulate well clean. Drill from 702' to 754', circulate well clean. TOH with assembly, shoe OK. SI well. SDFD.
- 4/22/16 Held safety meeting. TIH and then condition mud to 8.9 ppg and 39 Vis. Ream down to 754'. Drill from 754' to 779'; hole sticky and pipe torqueing up. Fight tight hole, rotation only while drag up or bump down hole, work pipe free. Drill from 779' to 800' circulate well clean. TOH with assembly TIH with overshot tie onto fish at 696'. TOH and LD overshot with 6' cut off piece of 2-7/8" casing and 3 joints 2-7/8" casing, cement bonded to pin on last joint showing end of casing. LD washover pipe. SI well. SDFD.
- 4/25/16 Held safety meeting. Condition mud system to 9.0 ppg and 35 Vis. TIH then LD drill collars. TIH with 4-1/2" string mill (3.75" OD) and bit. Tag fill at 632' GL. Clean out to 802' GL and TOH with bit. RU Jet West wireline. RIH with tools to 702', unable to get deeper. POH with Jet West tools. TIH with bit and clean out down to 800'. Raised mud Vis to 50 seconds and 9.2 ppg. TOH. RU Jet West wireline. RIH to 795' perform directional survey 795' to surface. Run Gamma Neutron log from 795' to surface. RD Jet West. TIH with open ended tubing to 801'. Pump 10 bbl. water ahead of cement slurry. **Set plug #1** with calculated TOC at 240'. SI well. SDFD.

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Plug and Abandonment Summary:

4/26/16 Held safety meeting. Open up well; no pressures. Function test BOP. PU plugging sub, TIH tubing and tag plug #1 at 429', solid tag. RU pump to tubing and load hole with 1.5 bbl. Pump 10 bbl. water ahead of cement slurry. **Set plug #2** with TOC at surface. ND BOP and ND wellhead and companion flange. RD daylight unit. Dig out wellhead. Write Hot Work Permit. Cut off 5-1/2" casing 4' below GL. Found cement inside 5-1/2" surface casing at cut off point.
Weld on underground plate marker with coordinates N 36° 48' 33.7" / W 108° 21' 48.2".
RD and MOL. Rode equipment to A+ yard.

Joe Ruybalid, BLM representative was on location. ✓
Wes Lackey, WFT representative was on location.

I hereby certify that the foregoing is true and correct



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

Date: April 28, 2016