



OGMCOAL DNR <ogmcoal@utah.gov>

Fwd: Well Abandonment Support documents

Amanda Daniels <amandadaniels@utah.gov>
To: OGMCOAL DNR <ogmcoal@utah.gov>

Tue, Oct 21, 2014 at 9:49 AM

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From: **Gregg Galecki** <ggalecki@bowieresources.com>
Date: Mon, Oct 20, 2014 at 9:58 AM
Subject: Well Abandonment Support documents
To: "Amandadaniels@utah.gov" <Amandadaniels@utah.gov>
Cc: Gregg Galecki <ggalecki@bowieresources.com>

Amanda,

The attached file provides two (2) documents to support the abandonment of Well 91-26-1. The first letter from MSHA outlining the need for the Mine Ventilation Plan to abandon such wells. The second and third pages are excerpts from the Skyline Mine Ventilation Plan (last page, Item 8) committing to abandon such wells.

Let me know if you need any other documentation to permit the abandonment of Well 91-26-1.

I'm still working on options to address your other concerns,

Gregg A. Galecki
Environmental Engineer



Canyon Fuel Company, LLC

A Subsidiary of Bowie Resource Partners, LLC
HC 35 Box 380

Helper, UT 84526
O: 435-448-2636

ggalecki@bowieresources.com

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Amanda Daniels
Utah Division of Oil, Gas and Mining
(801) 538-5262
amandadaniels@utah.gov



Borehole abandonment - MSHA_MinePlan.pdf
215K



Coal Mine Safety and Health
District 9

NOV 13 2014

RE: Ventilation Plan - Mining through Boreholes

Underground Coal Mine Operators:

Prior to mining through any borehole, including exploration boreholes, safety precautions (i.e. plugging with gel, water, or grout; additional methane checks with associated action plans) should be incorporated into the mine's ventilation plan and be approved by the District Manager. Below are two examples of how this can be integrated into the ventilation plan:

1. If there are multiple boreholes at an operation, both advance and retreat mining scenarios should be addressed as a separate section within the ventilation plan.
2. If mining through boreholes is not a common occurrence, then an operator may submit a site-specific plan to be reviewed and approved by the District Manager prior to mining through a borehole.

Please be reminded that if your operation chooses to make additional methane checks in lieu of plugging the borehole, then it must be done in a safe location. If it cannot be done in safe location, then plugging the hole after initial drilling should be considered.

If you have any questions, please contact this office at (303) 231-5458.

Sincerely,

A handwritten signature in blue ink that reads "Russell J. Riley".

Russell J. Riley
District Manager

Enclosure

7. Advance mining will not be conducted without a ventilation device.
8. Mining through boreholes:
 - a. Boreholes from the surface that intersect the mining horizon will be plugged with a bentonite clay or similar material prior to being mined through with either continuous miner or longwall.
 - b. Boreholes drilled horizontally through the coal seam will be plugged with water, gel, grout, bentonite clay, or similar material when practical to do so. Extended length horizontal exploration holes drilled with directionally controllable bits are not typically plugged. Prior to and while mining through a horizontal hole that is not plugged, the frequency of methane checks will be increased to a 10-minute interval between checks. The 10-minute interval between checks while mining will start during the cut or LW pass in which the drillhole is anticipated to be first encountered. Mining will pause upon first cutting through the drillhole while an additional methane check is conducted. The 10-minute interval while mining will continue until the drillhole has been completely mined through. Actions for excessive methane will be as required by 75.323. If methane concentrations are not found to be elevated, then the increased frequency for methane checks will not be required to be continued.

III. Miscellaneous

A. Diesel Equipment

1. The minimum ventilating air quantity maintained at the loading point when diesel-powered equipment are operated on the working section shall be no less than the approval plate quantity or the summation of approval plate quantities, whichever is greater. The minimum quantity shall be maintained over the equipment when operated on the working section.
2. The minimum ventilating air quantity of **12,000 cfm** or the summation of approval plate quantities, whichever is greater, per 30 CFR §75.325(b) shall be maintained in the last open crosscut of each set of entries or rooms in each working section. The minimum air quantity shall be calculated as the summation of the air quantities in the last open crosscut and in the face-ventilation tubing if installed. When the ventilation tubing is routed through the crosscut immediately outby the last open crosscut, compliance with the last open crosscut ventilation requirement shall be met if the sum of the air quantities in the last two open crosscuts including the ventilating air quantity in the tubing if installed, exceeds **12,000 cfm** or the summation of approval plate quantities whichever is greater. At least **9,500 cfm** of this quantity shall be maintained in the last open crosscut.
3. The designated air quality sampling area for carbon monoxide and nitrogen dioxide concentration required under 30 CFR §70.1900(a)(4) shall be in the intake aircourse immediately outby the set-up or recovery room.

B. Roof Bolting

1. Roof bolters will be ventilated using a minimum quantity of **3,000 cfm**.
2. Exhaust Face Ventilation - The maximum distance the ventilation is maintained from the point of deepest penetration of the bolted idle face shall be **10-12 feet** when ventilated with either exhaust tubing or line curtain. The maximum distance the ventilation device is maintained from the point of deepest penetration while roof bolting operations are being performed shall be **40 feet** with extended cuts with either exhaust tube or line curtain. The ventilation device shall be advanced after the outby end of the roof bolter is approximately **12 feet inby** the face-side end of either ventilation tubing or brattice. The ventilation device will be maintained within **10 feet** of the last row of permanent supports if methane is detected.
3. A wet drilling system will be used during drilling on the working section. In areas and locations outby the working section when conditions require drilling without water and mining personnel are working inby, the dust-laden air shall be directed to an aircourse where the airflow is moving outby using either curtains or fan and tubing or a combination thereof.
4. Roof Bolter Designated Area Descriptions
The designated area dust sampling locations are described below:

Designated Area	MMU No.	Location
907-0	007-0	Intake-side Operator
905-0	005-0	Intake-side Operator
901-0	001-0	Intake-side Operator

Note: The sampling instrument will be placed on the operator with the cassette and holder positioned within the operator's "breathing zone."