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From: "Davis, Mike" <MDavis@archcoal.com>
To: "jimdsmith@utah.gov" <jimdsmith@utah.gov>
CC: Dana Dean <danadean@utah.gov>, "davedarby@utah.gov" <davedarby@utah.gov>...
Date: 11/20/2009 2:30 PM
Subject: Sufco Mine Yard Directional Horizontal Burn Drilling Amendment
Attachments: MRP Mine Yard Burn Drilling.ltr.PDF

Jim,

As discussed at our meeting at Sufco on November 18, 2009 attached is an MRP amendment for a second directional horizontal burn drilling that Sufco needs approved as soon as possible to start drilling on approximately December 9, 2009. This amendment is almost identical to the directional horizontal burn drilling amendment that you approved on April 28, 2008 (Task ID#2963) except for the site location. Sufco needs to complete this drilling this year to be able to design the West Lease Modification portals and pad for construction next year. The original MRP amendment with copies will be delivered to your office on Monday.

Any questions please give me a call.

Thanks,
Mike

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November 20, 2009

Permit Supervisor
Utah Coal Regulatory Program
Utah Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
P. O. Box 145801
Salt Lake City, Utah 84114-5801

Re: Mine Yard Second Directional Horizontal Burn Drilling Amendment, Canyon Fuel Company, LLC, SUFCO Mine C/041/002

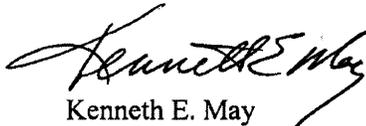
Dear Permit Supervisor:

The enclosed eight complete clean copies of the Mine Yard Second Directional Horizontal Burn Drilling Amendment are being submitted for approval to drill an additional horizontal drill hole to the West from the Sufco minesite north storage yard area. Attached are DOGM forms C-1 and C-2 and appropriate pages.

By drilling this second exploration hole from the existing minesite yard this new drilling project will not affect any new disturbance to the permitted area or any change in runoff, vegetation, and topsoil.

Sufco needs approval of this amendment as soon as possible to start drilling on approximately December 9, 2009. If you have any questions or need additional information, please contact Mike Davis at (435) 286-4421.

Sincerely,
CANYON FUEL COMPANY, LLC
SUFCO Mine


Kenneth E. May
General Manager

Encl.

KEM/MLD:kb

cc: DOGM Price Field Office
DOGM Correspondence File

APPLICATION FOR COAL PERMIT PROCESSING

Permit Change New Permit Renewal Exploration Bond Release Transfer

Permittee: CANYON FUEL COMPANY, LLC

Mine: SUFACO MINE

Permit Number: C/041/002

Title: Mine Yard Second Directional Horizontal Burn Drilling

Description, Include reason for application and timing required to implement:

Drilling procedure changes. Need by December 7, 2009

Instructions: If you answer yes to any of the first eight (gray) questions, this application may require Public Notice publication.

- Yes No 1. Change in the size of the Permit Area? Acres: _____ Disturbed Area: _____ increase decrease.
- Yes No 2. Is the application submitted as a result of a Division Order? DO# _____
- Yes No 3. Does the application include operations outside a previously identified Cumulative Hydrologic Impact Area?
- Yes No 4. Does the application include operations in hydrologic basins other than as currently approved?
- Yes No 5. Does the application result from cancellation, reduction or increase of insurance or reclamation bond?
- Yes No 6. Does the application require or include public notice publication?
- Yes No 7. Does the application require or include ownership, control, right-of-entry, or compliance information?
- Yes No 8. Is proposed activity within 100 feet of a public road or cemetery or 300 feet of an occupied dwelling?
- Yes No 9. Is the application submitted as a result of a Violation? NOV # _____
- Yes No 10. Is the application submitted as a result of other laws or regulations or policies?

Explain: _____

- Yes No 11. Does the application affect the surface landowner or change the post mining land use?
- Yes No 12. Does the application require or include underground design or mine sequence and timing? (Modification of R2P2)
- Yes No 13. Does the application require or include collection and reporting of any baseline information?
- Yes No 14. Could the application have any effect on wildlife or vegetation outside the current disturbed area?
- Yes No 15. Does the application require or include soil removal, storage or placement?
- Yes No 16. Does the application require or include vegetation monitoring, removal or revegetation activities?
- Yes No 17. Does the application require or include construction, modification, or removal of surface facilities?
- Yes No 18. Does the application require or include water monitoring, sediment or drainage control measures?
- Yes No 19. Does the application require or include certified designs, maps or calculation?
- Yes No 20. Does the application require or include subsidence control or monitoring?
- Yes No 21. Have reclamation costs for bonding been provided?
- Yes No 22. Does the application involve a perennial stream, a stream buffer zone or discharges to a stream?
- Yes No 23. Does the application affect permits issued by other agencies or permits issued to other entities?

Please attach four (4) review copies of the application. If the mine is on or adjacent to Forest Service land please submit five (5) copies, thank you. (These numbers include a copy for the Price Field Office)

I hereby certify that I am a responsible official of the applicant and that the information contained in this application is true and correct to the best of my information and belief in all respects with the laws of Utah in reference to commitments, undertakings, and obligations, herein.

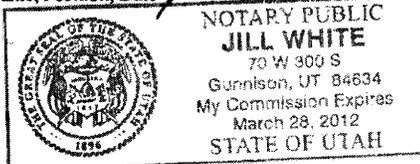
KENNETH E. MAY, MINE MANAGER
Print Name

Kenneth E. May 11/20/09
Sign Name, Position, Date

Subscribed and sworn to before me this 20th day of November 2009

Jill White
Notary Public

My commission Expires: _____, 20____ }
Attest: State of _____ } ss:
County of _____



For Office Use Only:

Assigned Tracking Number:

Received by Oil, Gas & Mining

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LIST OF APPENDICES

(Appendices appear in Volume 6)

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6-1	Drill Logs
6-2	Chemical Analyses
6-3	Guidelines for Management of Topsoil and Overburden for Underground and Surface Coal Mining

A second horizontal directional exploration drillhole will be drilled from within the permitted Sufco minesite at a location shown on Figure 6-3. This drillhole will be drilled to determine coal burn and coal temperature west of the Sufco minesite for mine planning purposes. The directional drillhole will be nominally 3.8 inch and will be drilled in strata above the upper Hiawatha seam and within the Upper Hiawatha coal seam. Only minor excavation of existing mine yard fill material will occur on the existing permitted Sufco minesite. A small ditch and mudpit/sump will be constructed to contain drill water and fluids. Drill fluids will be recycled as much as possible. Drilling fluid additives will be minimal and nontoxic. Excess fluids and cuttings will be hauled to an approved waste disposal site. The mudpit will be constructed in such a way as to allow easy access for cleaning and hauling away cuttings (Figure 6-3). Cuttings will be hauled to Sufco Mine's permitted waste rock site along the Sufco haul-road to the southwest. Drill water will be supplied by the existing minesite water system. The north side track will be cased into the old Convulsion Canyon Mine for monitoring of mine atmosphere. A valve will be installed at the collar to allow monitoring and atmospheric sampling. Upon completion of monitoring activities the drill hole collar will be plugged with a cement or grout to a depth of approximately 50 ft. Drilling is planned to begin on approximately December 9, 2009, and be completed by February 26, 2010. Upon completion all equipment will be removed and the yard fill smoothed out. No surface or vegetation disturbance or change in runoff will occur since the work is being conducted on the permitted minesite.

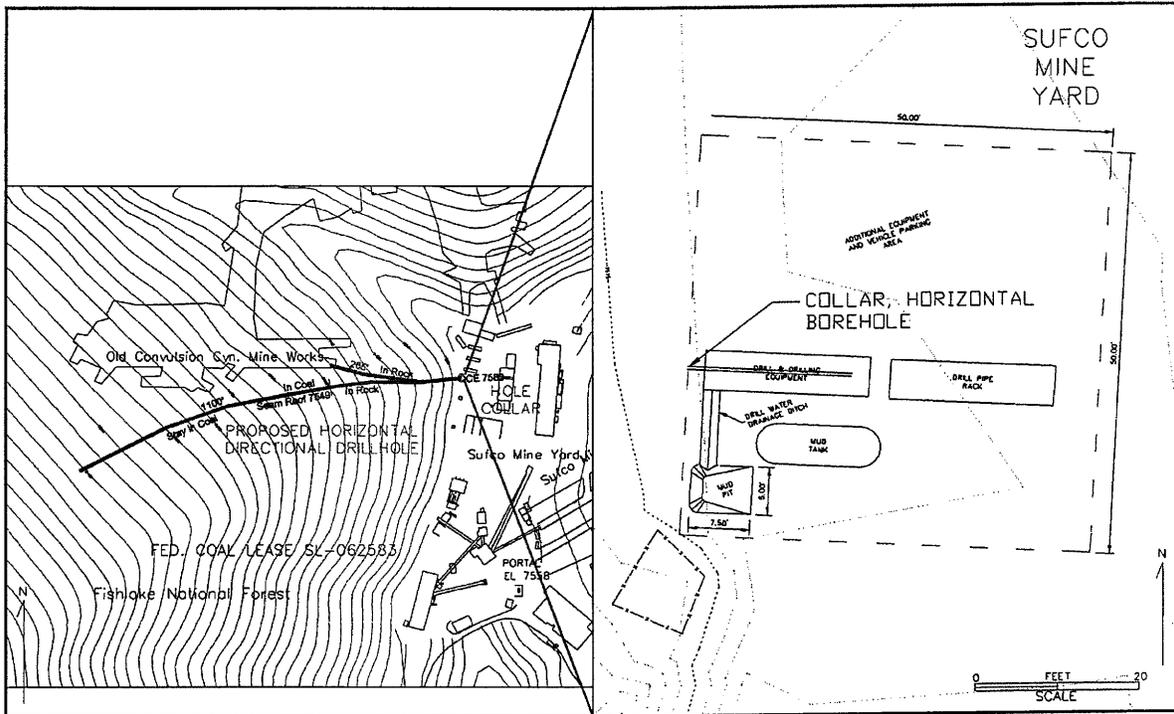


Figure 6-3. Location and approximate setup of second directional horizontal drillsite within the permitted Sufco minesite area.

6.3.4 Exploration Hole Reclamation

The exploration holes will be filled with concrete or concrete/hole plug-abandonite slurry through their full depth after exploration activities are completed. Concrete will be used through all minable coal zones. This will be done by pumping concrete or slurry through the drill pipe which hangs 40-60 ft. off the bottom of the hole until the hole up to the drill pipe is filled. The drill pipe is then tripped-out another 40-60 ft. and more concrete or slurry is pumped into the hole. This process is repeated until the full depth of the hole is filled and good drill hole wall to concrete/hole plug-abandonite contact is assured.