

*Incoming
C/015/0025*

CO-OP MINING COMPANY

P.O. Box 1245
Huntington, Utah 84528



Office (435) 687-2450
FAX (435) 687-2084

May 21, 2006

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

To Whom It May Concern,

Re: Application to Change existing Mining Plan, Lease Addition (Task ID # 2292), Bear Canyon Mine, ACT/015/025

Enclosed is 1 hard copy and 4 digital copies of our response to the Technical Analysis for Task ID # 2292

If you have any questions, please call me at (435) 687-5238.

Thank You,

Mark Reynolds

Enclosure(s)

RECEIVED
MAY 22 2006
DIV. OF OIL, GAS & MINING

File in:
C/0150025 *Incoming*
Refer to:
 Confidential
 Shelf
 Expandable
Date *05212006* For additional information

APPLICATION FOR COAL PERMIT PROCESSING

Permit Change New Permit Renewal Exploration Bond Release Transfer

Permittee: CO-OP MINING COMPANY

Mine: BEAR CANYON MINE

Permit Number: ACT/015/025

Title: Lease Addition (Task ID 2292)

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

To add federal leases U-46484, U-61048 & U-61049 to the permit area.

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: 7,504.36 Disturbed Area: 0.0 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?

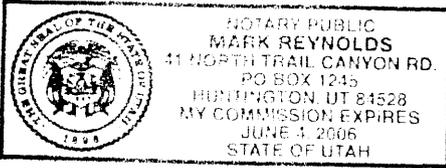
Please attach four (4) review copies of the application. If the mine is on or adjacent to Forest Service land please submit five (5) copies, thank you. (These numbers include a copy for the Price Field Office)

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.

Charles Reynolds Charles Reynolds, President, 5/21/06
 Print Name Sign Name, Position, Date

Subscribed and sworn to before me this 21 day of May, 2006
Mark Reynolds
 Notary Public

My commission Expires: Feb 6, 2006
 Attest: State of Utah } ss:
 County of Emery



| | | |
|---|--|---|
| For Office Use Only: | Assigned Tracking Number: | Received by Oil, Gas & Mining <div style="text-align: center; font-size: 1.2em; font-weight: bold;">RECEIVED</div> <div style="text-align: center; font-size: 1.2em; font-weight: bold;">MAY 22 2006</div> <div style="text-align: center;">DIV. OF OIL, GAS & MINING</div> |
|---|--|---|

APPLICATION FOR COAL PERMIT PROCESSING

Detailed Schedule Of Changes to the Mining And Reclamation Plan

Permittee: CO-OP MINING COMPANY

Mine: BEAR CANYON MINE

Permit Number: ACT/015/025

Title: Lease addition.

Provide a detailed listing of all changes to the Mining and Reclamation Plan, which is required as a result of this proposed permit application. Individually list all maps and drawings that are added, replaced, or removed from the plan. Include changes to the table of contents, section of the plan, or other information as needed to specifically locate, identify and revise the existing Mining and Reclamation Plan. Include page, section and drawing number as part of the description.

DESCRIPTION OF MAP, TEXT, OR MATERIAL TO BE CHANGED

| <input type="checkbox"/> Add | <input checked="" type="checkbox"/> Replace | <input type="checkbox"/> Remove | Fixed wording errors associated with reformat on pages 1-iv, 1-8, 1-11, 1-13, 2-28, 3-2, 3-3 4-1, 4-2, 4-4, 4-11, 4-21, 4-22, 5-5, 5-9, 5-14, 5-18, 5-26, 5-35, 7-V, 7-11, 7-50, 7M-12 |
|---|---|--|--|
| <input type="checkbox"/> Add | <input checked="" type="checkbox"/> Replace | <input type="checkbox"/> Remove | Added federal leases on pages 1-5, 1-6, 1-7, 3-13, 3-28, 4-3, 4-9, 5-15, and Plates 1-1, 1-2, 1-3, 5-3, 6-1 thru 6-16, 7-4A, and 7N-2. |
| <input type="checkbox"/> Add | <input checked="" type="checkbox"/> Replace | <input type="checkbox"/> Remove | Updated workings and projections on pages 1-11, 5-9, and Plates 5-1A, 5-1B, and 5-1C. |
| <input type="checkbox"/> Add | <input checked="" type="checkbox"/> Replace | <input type="checkbox"/> Remove | Updated hydrology and water monitoring on pages 5C-5, 7-54, 7M-2, 7M-8, 7M-11, 7M-13, 7M-14, 7M-16, 7M-16, and Plate 7-4. |
| <input type="checkbox"/> Add | <input checked="" type="checkbox"/> Replace | <input type="checkbox"/> Remove | Updated Potential subsidence zone on Plate 5-3 and added subsidence points 51-57. |
| <input checked="" type="checkbox"/> Add | <input type="checkbox"/> Replace | <input type="checkbox"/> Remove | Added Appendix 4G for the Air Quality Approval Order. |
| <input type="checkbox"/> Add | <input type="checkbox"/> Replace | <input checked="" type="checkbox"/> Remove | Removed Appendix 7P and moved content to 4G. |
| <input type="checkbox"/> Add | <input checked="" type="checkbox"/> Replace | <input type="checkbox"/> Remove | Updated Plate 3-1 vegetation map and Plate 3-2 Deer Map. |
| <input checked="" type="checkbox"/> Add | <input type="checkbox"/> Replace | <input type="checkbox"/> Remove | Added cultural resource survey as Appendix 4F and bat survey as 3M. |
| <input type="checkbox"/> Add | <input checked="" type="checkbox"/> Replace | <input type="checkbox"/> Remove | Added new appendices or mpas to pages 3-iv, 4-iv, 5-vii, and 7-x. |
| <input checked="" type="checkbox"/> Add | <input type="checkbox"/> Replace | <input type="checkbox"/> Remove | Added Plate 3-3 Elk Habitat. |
| <input checked="" type="checkbox"/> Add | <input type="checkbox"/> Replace | <input type="checkbox"/> Remove | Added Appendix 7M Attachment B for the 1991 spring inventory. |
| <input checked="" type="checkbox"/> Add | <input type="checkbox"/> Replace | <input type="checkbox"/> Remove | Added Plate 7-12 as a water rights map. |
| <input type="checkbox"/> Add | <input checked="" type="checkbox"/> Replace | <input type="checkbox"/> Remove | On pages 3-28, 3-32, 3-38, 3-43, 3-43, 3-68, 3-70, 5-16, 5-18, 7-31, 7-32, 7-33, 7-44, and 7-53. text pertaining to the lease addition was added. |
| <input type="checkbox"/> Add | <input checked="" type="checkbox"/> Replace | <input type="checkbox"/> Remove | Structures were updated on pages 5A-2, 6-10, 15-17, and 20. |
| <input checked="" type="checkbox"/> Add | <input type="checkbox"/> Replace | <input type="checkbox"/> Remove | The results of a prey base study was added as Appendix 3N |
| <input checked="" type="checkbox"/> Add | <input type="checkbox"/> Replace | <input type="checkbox"/> Remove | A subsidence impacts evaluation was added as Appendix 5Q |
| <input type="checkbox"/> Add | <input type="checkbox"/> Replace | <input type="checkbox"/> Remove | |
| <input type="checkbox"/> Add | <input type="checkbox"/> Replace | <input type="checkbox"/> Remove | |
| <input type="checkbox"/> Add | <input type="checkbox"/> Replace | <input type="checkbox"/> Remove | |
| <input type="checkbox"/> Add | <input type="checkbox"/> Replace | <input type="checkbox"/> Remove | |
| <input type="checkbox"/> Add | <input type="checkbox"/> Replace | <input type="checkbox"/> Remove | |
| <input type="checkbox"/> Add | <input type="checkbox"/> Replace | <input type="checkbox"/> Remove | |
| <input type="checkbox"/> Add | <input type="checkbox"/> Replace | <input type="checkbox"/> Remove | |
| <input type="checkbox"/> Add | <input type="checkbox"/> Replace | <input type="checkbox"/> Remove | |
| <input type="checkbox"/> Add | <input type="checkbox"/> Replace | <input type="checkbox"/> Remove | |
| <input type="checkbox"/> Add | <input type="checkbox"/> Replace | <input type="checkbox"/> Remove | |
| <input type="checkbox"/> Add | <input type="checkbox"/> Replace | <input type="checkbox"/> Remove | |
| <input type="checkbox"/> Add | <input type="checkbox"/> Replace | <input type="checkbox"/> Remove | |
| <input type="checkbox"/> Add | <input type="checkbox"/> Replace | <input type="checkbox"/> Remove | |

Any other specific or special instruction required for insertion of this proposal into the Mining and Reclamation Plan.

Received by Oil, Gas & Mining

RECEIVED

MAY 22 2006

DIV. OF OIL, GAS & MINING

Response to Technical Analysis Dated 2-1-06 (Task ID# 2292)

R645-301-121.200

The note at the bottom of page 1-6 was changed to refer to table 1-3.

R645-301-121.200

The acreage given on Plate 1-1 for Lease U-024316 was changed from 380 acres to 400 acres and now matches the acreage given on pg 7M-11 and on the actual lease. The summary table on Plate 1-1 was also changed.

R645-301-121.200

The acreage for lease U-020668 was added to Plate 1-1

R645-301-121.200

The leaseholder for the Mohrland addition was added on Plate 1-1.

R645-301-121.200

The difference between Mohrland acreage and the Mohrland fee acreage was clarified on Plate 1-1.

R645-301-121.300

Text was moved from page 1-7 to page 1-5 and a narrative was added to page 1-5 detailing the total federal and fee acreage. There is currently no state land included in the permit.

R645-301-320

The legend on Plate 3-1 now has the requested changes. An on site visit will be scheduled for first snow melt.

R645-301-322

The Bear Canyon permit area including delineation of the additions was added to Plates 3-1, 3-2, and 3-3.

R645-301-323, 301-411, 301-521, 301-622, 301-722, 301-731

An archaeological survey was added as Appendix 4F Cultural Resource Study of the Bear Canyon Subsidence Area. (Melissa)

R645-301-411

An archaeological survey was added as Appendix 4F Cultural Resource Study of the Bear Canyon Subsidence Area. (Melissa)

R645-301-411

An archaeological survey was added as Appendix 4F Cultural Resource Study of the Bear Canyon Subsidence Area. (Melissa)

R645-301-322, 301-333, 301-342, 301-358

A protection plan for fish and wildlife was added on pages 3-32, 3-38, and 3-44. Text was moved to page 3-43 to make room for this discussion.

The 2006 threatened and endangered species list was added on page 3-28 . The amount of water consumed from mining activities is already included in Chapter 7 Section R645-301-731.100 (pg 7-46).

The commitment to perform raptor surveys was modified on page 3-70. A Raptor survey is being flown May 23, 2006. The raptor prey base study is discussed on page 3-68 and Appendix 3N

The status and protection of wetlands is included on pages 3-32, 3-38, and 3-44.

R645-301-330, 301-331, 301-332

On page 3-38 a statement was added that no impacts to vegetation are expected due to the depths of cover.

R645-301-521.142

Plate 5-1B was updated to show the new boundary.

R645-300-133.100, 301-121.200, 522

Table 5-1 was updated to include the reserves in the federal leases and to match the R2P2

R645-301-322, 301-411, 301-521, 301-622, 301-722, 301-731

Plates 6-6 through 6-9 have been updated. Plate 5-1B was updated.

R645-301-121.200

This data was added with the interim amendment submittal for the electronic amendment clean copies .

R645-301-512.110

All maps are now stamped by a professional engineer. It should be noted only the hard copies of the maps are stamped due to the fact that digital copies can be easily edited without consent from the certifying engineer.

R645-301-512.130

All maps are now stamped by a professional engineer. It should be noted only the hard copies of the maps are stamped due to the fact that digital copies can be easily edited without consent from the certifying engineer.

R645-301-512.140

All maps are now stamped by a professional engineer. It should be noted only the hard copies of the maps are stamped due to the fact that digital copies can be easily edited without consent from the certifying engineer.

R645-301-512.250

As-built designs for the #4 Mine Tank Seam pad were included in the snow storage amendment

R645-301-522

Table 5-1 was updated to include the reserves in the federal leases and to match the R2P2

The R2P2 plan is currently being modified to include long-wall mining. Once it is approved a copy of the approval letter will be sent to DOGM.

C. O. P. Development and C. W. Mining have reviewed the current lease and feel that it adequately protects both parties. Because of this we see no need for a new lease.

R645-301-525.110, 525.120, 525.130, R645-301-525.200 et al., R645-301-525.300, R645-301-525.400 et al, R645-301-525.500, et al.

This is discussed on page 5-16 and in Appendix 5Q. Appendix 5Q is a report done by Malecki Technologies in 2001 on the subsidence impacts of mining the federal leases. The projected mine layout has changes since then, primarily in the WHR area with in the current permit. Malecki Technologies is being contracted to amend this report to match the current mine layout and extraction method. The updated version of the report will be added once it is complete.

R645-301-525.450, 525.452, 525.453

A discussion of protection for areas where coal burn exists was included on page 5-18

R645-301-525.700

Development dates for the long-wall panels were added to Plate 5-1C. A note was added to Plates 5-1A and 5-1C that room and pillar dates show from the start of development to the end of retreat for the panel.

R645-301-526

Pictures of the new structures have been added to Appendix 5A.

R645-301-622

Plate 6-6 through 6-9 have been updated.

R645-301-722, 731

Plate 7-4 has been changed to eliminate the confusion.

R645-301-724.100, 724.200

Table 7-6 (water rights) has been updated.

R645-301-724.100, 731.210

Inactive sites such as SBC-11 were removed in the interim changes amendment.

Monitoring point SCC-3 has been added at the Mohrland Portal. This is shown on Plate 7-4 and Table7-14.

Page 7M-13 now says monitoring for sites FBC-8, 9, 10, and 11 will begin two years prior to mining in the area.

Appendix 7-L The Gentry Mountain CHIA was added with the clean copies of the re-formatted electronic amendment.

R645-301-724.200, 731.220

Site RF-1 has been added to the water monitoring matrix as well as sites CK-2, SCC-1 and SCC-5.

R645-301-724.310, 728

A discussion of the PHC for the lease addition has been added on page 7-44.

The symbols on Plate 7-4 have been changed to eliminate the confusion.

All water rights were moved to Plate 7-12.

All new sites added were removed. The map now only shows sites included with the map when Appendix 7N was written. The symbols were not changed because the map is a visual aid for Appendix 7N and changing symbols might create discrepancies between the appendix and the map.

R645-301-729

All deficiencies will be responded to so the Division can update the CHIA