



Lodestar Energy, Inc.
Mountain Operations
White Oak, Horizon, and Grand Valley Mines
HC35 Box 370
Helper, Utah 84526

November 2, 2001

Ms. Pamela Grubaugh-Littig
 Utah Coal Program
 Utah Division of Oil, Gas and Mining
 1594 West North Temple, Suite 1210
 Salt Lake City, Utah 84114-5801

SUBJECT: Permit Revision – C/007/001 White Oak Mines
 Clean Copies of Revised Mining and Reclamation Plan at
 White Oak Complex to Include Surface Mining of Barrier Coal

RECEIVED

NOV 05 2001

DIVISION OF
 OIL, GAS AND MINING

Incoming
C/007/001
Copy Baron?
Priscilla

Dear Ms. Grubaugh-Littig:

Lodestar Energy, Inc. is respectfully submitting seven (7) clean copies of a permit revision to surface mine the barrier coal at the White Oak Complex that was approved October 26, 2001.

Stipulations #1, #3, #7, #8 and #9 have been addressed.

The enclosed C-2 details the sections of the permit that are replaced, inserted or removed.

If there are any questions, please feel free to call me at (435)448-9454 or 9455.

Sincerely,

David B. Miller
 Business Manager

APPLICATION FOR PERMIT PROCESSING

Permit Change New Permit Renewal Transfer Exploration Bond Release

Permit Number: C/007/001

Title of Proposal: Mining and Reclamation Plan Modification at White Oak Complex
To Include Surface Mining of Barrier Coal

Mine: WHITE OAK

Permittee: LODESTAR ENERGY, INC.

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

Instructions: If you answer yes to any of the first 8 questions (gray), submit the application to the Salt Lake Office. Otherwise, you may submit it to your reclamation specialist.

- | | | |
|---|--|--|
| <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No | 1. Change in the size of the Permit Area? _____ acres Disturbed Area? 8.28 acres <input checked="" type="checkbox"/> increase <input type="checkbox"/> decrease. |
| <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No | 2. Is the application submitted as a result of a Division Order? DO # _____ |
| <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No | 3. Does application include operations outside a previously identified Cumulative Hydrologic Impact Area? |
| <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No | 4. Does application include operations in hydrologic basins other than as currently approved? |
| <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No | 5. Does application result from cancellation, reduction or increase of insurance or reclamation bond? |
| <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No | 6. Does the application require or include public notice/publication? |
| <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No | 7. Does the application require or include ownership, control, right-of-entry, or compliance information? |
| <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No | 8. Is proposed activity within 100 feet of a public road or cemetery or 300 feet of an occupied dwelling? |
| <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No | 9. Is the application submitted as a result of a Violation? NOV # _____ |
| <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No | 10. Is the application submitted as a result of other laws or regulations or policies? Explain: _____ |
| <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No | 11. Does the application affect the surface landowner or change the post mining land use? |
| <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No | 12. Does the application require or include underground design or mine sequence and timing? (Modification of R2P2?) |
| <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No | 13. Does the application require or include collection and reporting of any baseline information? |
| <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No | 14. Could the application have any effect on wildlife or vegetation outside the current disturbed area? |
| <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No | 15. Does application require or include soil removal, storage or placement? |
| <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No | 16. Does the application require or include vegetation monitoring, removal or revegetation activities? |
| <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No | 17. Does the application require or include construction, modification, or removal of surface facilities? |
| <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No | 18. Does the application require or include water monitoring, sediment or drainage control measures? |
| <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No | 19. Does the application require or include certified designs, maps, or calculations? |
| <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No | 20. Does the application require or include subsidence control or monitoring? |
| <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No | 21. Have reclamation costs for bonding been provided for? |
| <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No | 22. Does application involve a perennial stream, a stream buffer zone or discharges to a stream? |
| <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No | 23. Does the application affect permits issued by other agencies or permits issued to other entities? |

Attach 5 complete copies of the application.

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.

[Signature] - Business Mgr 11/2/01
Signed - Name - Position - Date

Subscribed and sworn to before me this 2nd day of November, 2001

[Signature]
Notary Public
My Commission Expires: March 7, 2002
STATE OF UTAH
COUNTY OF CARBON



Notary Public
JOHN C. PAPPAS
1646 East Castle Circle
Price, Utah 84501
My Commission Expires
March 7, 2002
State of Utah

Received by Oil, Gas & Mining

RECEIVED

NOV 05 2001

DIVISION OF
OIL, GAS AND MINING

ASSIGNED TRACKING NUMBER

Application for Permit Processing Detailed Schedule of Changes to the MRP

Title of Application:

Mining and Reclamation Plan Modification at White Oak Complex to Include
Surface Mining of Barrier Coal

Permit Number: C/007/001

Mine: WHITE OAK #1 & #2

Permittee: LODESTAR ENERGY, INC.

Provide a detailed listing of all changes to the mining and reclamation plan which will be required as a result of this proposed permit application. Individually list all maps and drawings which are to be added, replaced, or removed from the plan. Include changes of the table of contents, section of the plan, pages, or other information as needed to specifically locate, identify and revise the existing mining and reclamation plan. **Include page, section and drawing numbers as part of the description.**

DESCRIPTION OF MAP, TEXT, OR MATERIALS TO BE CHANGED

			DESCRIPTION OF MAP, TEXT, OR MATERIALS TO BE CHANGED
<input type="checkbox"/> ADD	<input checked="" type="checkbox"/> REPLACE	<input type="checkbox"/> REMOVE	Replace entire Chapter 1 Legal, Financial, Compliance and Related Information with Clean copy of Chapter 1 October, 2001.
<input type="checkbox"/> ADD	<input checked="" type="checkbox"/> REPLACE	<input type="checkbox"/> REMOVE	Replace Plate 301-100 White Oak Area Permit Area Base Map
<input type="checkbox"/> ADD	<input checked="" type="checkbox"/> REPLACE	<input type="checkbox"/> REMOVE	Replace Appendix 1-1 with updated Entity Reference File
<input checked="" type="checkbox"/> ADD	<input type="checkbox"/> REPLACE	<input type="checkbox"/> REMOVE	Insert Oman Agreement, Madsen Agreement, and Post Mining Reclamation Comments into Right of Entry Information.
<input checked="" type="checkbox"/> ADD	<input type="checkbox"/> REPLACE	<input type="checkbox"/> REMOVE	Insert Modification Public Notice into Appendix 1-3 Insurance and Newspaper Acknowledgments
<input type="checkbox"/> ADD	<input checked="" type="checkbox"/> REPLACE	<input type="checkbox"/> REMOVE	Replace Chapter 2 Soils with entire revised Chapter2 Soils October, 2001
<input checked="" type="checkbox"/> ADD	<input type="checkbox"/> REPLACE	<input type="checkbox"/> REMOVE	Insert Plate 301-201.100 Topsoil Salvage Areas and Plate 301-242 Topsoil Redistribution
<input checked="" type="checkbox"/> ADD	<input type="checkbox"/> REPLACE	<input type="checkbox"/> REMOVE	Insert Appendix 2-1 Soil Inventory and Assessment White Oak Mine Study by Environmental Industrial Services.
<input checked="" type="checkbox"/> ADD	<input type="checkbox"/> REPLACE	<input type="checkbox"/> REMOVE	Insert Appendix 2-2 Prime Farmland Assessment Letter from Soil Conservation Service
<input type="checkbox"/> ADD	<input checked="" type="checkbox"/> REPLACE	<input type="checkbox"/> REMOVE	Replace Chapter 3 Biology with revised clean copy of Chapter 3 October, 2001
<input checked="" type="checkbox"/> ADD	<input type="checkbox"/> REPLACE	<input type="checkbox"/> REMOVE	Insert Appendix 3-1 Summary of the Vegetation Monitoring for the Riparian Corridor of Whisky Creek completed by JBR Environmental Consultants, Inc.
<input type="checkbox"/> ADD	<input checked="" type="checkbox"/> REPLACE	<input type="checkbox"/> REMOVE	Replace Chapter 4 Land Use and Air Quality with entire revised clean Chapter 4 October, 2001
<input checked="" type="checkbox"/> ADD	<input type="checkbox"/> REPLACE	<input type="checkbox"/> REMOVE	Insert Appendix 4-1 Air Quality Permit - NOI Letter submitting permit Revision to Division of Air Quality
<input type="checkbox"/> ADD	<input checked="" type="checkbox"/> REPLACE	<input type="checkbox"/> REMOVE	Replace Chapter 5 Engineering with revised clean copy of Chapter 5 October, 2001
<input type="checkbox"/> ADD	<input checked="" type="checkbox"/> REPLACE	<input type="checkbox"/> REMOVE	Replace Plate 521.124 Sheet 4 of 4 Belina Mine Site Disturbance with Plate 521.124 Belina Mine Site Disturbance dated January 23, 2001
<input checked="" type="checkbox"/> ADD	<input type="checkbox"/> REPLACE	<input type="checkbox"/> REMOVE	Insert Plate 5-1C White Oak Complex Projected Surface Mining Plan, Insert Plate 5-1D Upper O'Connor Seam Mining Surface and Underground, and insert Plate 5-1E Lower O'Connor Seam Mining Surface and Underground.
<input type="checkbox"/> ADD	<input type="checkbox"/> REPLACE	<input checked="" type="checkbox"/> REMOVE	Remove Plate 521.150 Belina Mine Site Facilities "As-built"
<input checked="" type="checkbox"/> ADD	<input type="checkbox"/> REPLACE	<input type="checkbox"/> REMOVE	Insert Plate 521.150 Belina Mine Site Facilities "As-built" to Appendix R2 as reference map.
<input checked="" type="checkbox"/> ADD	<input type="checkbox"/> REPLACE	<input type="checkbox"/> REMOVE	Insert Plate 521.150 Belina Mine Site Underground Surface Facilities Sheet 4a of 4, insert Plate 521.150 Whisky Creek Surface Mine Surface Facilities Sheet 4b of 4 and insert Plate 521.150 White Oak Surface Facilities After Initial Reclamation Sheet 4c of 4.
<input checked="" type="checkbox"/> ADD	<input type="checkbox"/> REPLACE	<input type="checkbox"/> REMOVE	Insert Plate 521.160 White Oak Complex X-Sections of Surface Mining Area Sheets A, B, C and D.
<input checked="" type="checkbox"/> ADD	<input type="checkbox"/> REPLACE	<input type="checkbox"/> REMOVE	Insert Plate 521.165 Potential Topsoil Storage Pile Cross Sections

<input type="checkbox"/> ADD	<input checked="" type="checkbox"/> REPLACE	<input type="checkbox"/> REMOVE	Replace Plate 521.150 White Oak Mine Haul Road - Lower Section Sheet 2 of 4 dated October 16, 2001
<input type="checkbox"/> ADD	<input checked="" type="checkbox"/> REPLACE	<input type="checkbox"/> REMOVE	Replace Plate 521.150 White Oak Mine Haul Road - Upper Section Sheet 3 of 4 dated October 16, 2001
<input type="checkbox"/> ADD	<input checked="" type="checkbox"/> REPLACE	<input type="checkbox"/> REMOVE	Replace Plates 301-527 Sheets 12 and 13 White Oak Mine Site Reclamation with Plate 301-527 Sheet 12 White Oak Mine Site Initial Reclamation Contours and Sheet 13 White Oak Mine Site Final Reclamation Contours.
<input type="checkbox"/> ADD	<input checked="" type="checkbox"/> REPLACE	<input type="checkbox"/> REMOVE	Replace Chapter 6 Geology with entire revised Chapter 6 Geology October, 2001.
<input checked="" type="checkbox"/> ADD	<input type="checkbox"/> REPLACE	<input type="checkbox"/> REMOVE	Insert Figure 301-622.200n Surface Mining Stratigraphic Geologic Cross Section
<input checked="" type="checkbox"/> ADD	<input type="checkbox"/> REPLACE	<input type="checkbox"/> REMOVE	Insert Appendix 6-1 Summary of Results on Toxicity Tests for Barrier Coal Test Hole BCC-1 performed by North American Mine Services and Intermountain Labs.
<input type="checkbox"/> ADD	<input checked="" type="checkbox"/> REPLACE	<input type="checkbox"/> REMOVE	Replace Chapter 7 Hydrology with entire revised Chapter 7 Hydrology October, 2001
<input type="checkbox"/> ADD	<input checked="" type="checkbox"/> REPLACE	<input type="checkbox"/> REMOVE	Replace Plate 301-731.720d Belina Sediment Control Facilities
<input checked="" type="checkbox"/> ADD	<input type="checkbox"/> REPLACE	<input type="checkbox"/> REMOVE	Insert Plate 301-742.310B Sub-Watershed Map Dugout D-1 and Pond 4A
<input checked="" type="checkbox"/> ADD	<input type="checkbox"/> REPLACE	<input type="checkbox"/> REMOVE	Insert Figure 301-731.750g Sediment Structure D-1 Design Views and Figure 301-731.750h Dugout Pond D-1 Stage-Capacity Curves
<input checked="" type="checkbox"/> ADD	<input type="checkbox"/> REPLACE	<input type="checkbox"/> REMOVE	Insert Appendix 7-1 Rainfall Data
<input checked="" type="checkbox"/> ADD	<input type="checkbox"/> REPLACE	<input type="checkbox"/> REMOVE	Insert MSHA letter regarding water-flow into abandoned mines
<input checked="" type="checkbox"/> ADD	<input type="checkbox"/> REPLACE	<input type="checkbox"/> REMOVE	Insert Chapter 9 Temporary Spoil Storage Area volumes by elevation and slope stability calculations. Insert Figure 9-3 Temporary Spoil Storage
<input type="checkbox"/> ADD	<input checked="" type="checkbox"/> REPLACE	<input type="checkbox"/> REMOVE	Replace Operation Plan with entire revised Operation Plan October, 2001
<input type="checkbox"/> ADD	<input checked="" type="checkbox"/> REPLACE	<input type="checkbox"/> REMOVE	Replace Reclamation Plan with entire revised Reclamation Plan October, 2001
<input checked="" type="checkbox"/> ADD	<input type="checkbox"/> REPLACE	<input type="checkbox"/> REMOVE	Insert Stream Restoration Plan after Reclamation Plan, Insert Figures SRP-1 and SRP-2
<input checked="" type="checkbox"/> ADD	<input type="checkbox"/> REPLACE	<input type="checkbox"/> REMOVE	Insert SEDCAD output for Relocated Stream Channel Design printed 10-12-2001
<input checked="" type="checkbox"/> ADD	<input type="checkbox"/> REPLACE	<input type="checkbox"/> REMOVE	Insert Appendix 524 MSHA approved Ground Control and Blasting Plans for Whisky Creek Mine No. 1
<input checked="" type="checkbox"/> ADD	<input type="checkbox"/> REPLACE	<input type="checkbox"/> REMOVE	Insert into Appendix R614-301-742.221a the SEDCAD outputs for Pond 4A 10 yr.-24hr event and 25yr-6hr event dated 10-10-2001 and Dugout D-1 10yr-24hr event dated 8-21-2001 and 25yr-6hr event dated 9-05-2001.
<input checked="" type="checkbox"/> ADD	<input type="checkbox"/> REPLACE	<input type="checkbox"/> REMOVE	Insert into Appendix R614-301-742.221b the stability calculation for Dugout D-1
<input checked="" type="checkbox"/> ADD	<input type="checkbox"/> REPLACE	<input type="checkbox"/> REMOVE	Insert into Appendix R614-301-742.310 the SEDCAD outputs of design calculations for Ditches #1001, #1002, #1003 and #1004 along with Culverts #1005 and #1006.
<input checked="" type="checkbox"/> ADD	<input type="checkbox"/> REPLACE	<input type="checkbox"/> REMOVE	Insert into Appendix R614-301-742.310 Peak flow calculations for Ditches #1001, #1002, #1003 and #1004.
<input checked="" type="checkbox"/> ADD	<input type="checkbox"/> REPLACE	<input type="checkbox"/> REMOVE	Insert into Appendix R2 Spoil/Backfill Summary and slope stability calculations including saturation stability calculations. Insert Figure R-11 Spoil Backfill and Reclamation Details Cross Sections Sheets A and B
<input checked="" type="checkbox"/> ADD	<input type="checkbox"/> REPLACE	<input type="checkbox"/> REMOVE	Insert into Appendix R2 Stream Alteration Permit Number 00-91-24SA and Plates Whisky Creek Original and Proposed Locations, Stream Profiles Page 1 of 2, Stream Structures Page 2 of 2, and Ladder Drop Structure. Insert Joint Permit Application for the Stream Alteration.
<input type="checkbox"/> ADD	<input checked="" type="checkbox"/> REPLACE	<input type="checkbox"/> REMOVE	Replace Reclamation Cost Estimate in Appendix R3
<input type="checkbox"/> ADD	<input type="checkbox"/> REPLACE	<input checked="" type="checkbox"/> REMOVE	Remove Bond Calculation Dated June 1995 from Chapter 8

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