



State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

SW
by
SD

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INSPECTION REPORT

Partial XXX Complete Exploration
Inspection Date: 07/09/2002 / Time: 9 AM-11 AM
Date of Last Inspection: 06/03/2002

Mine Name: Whiskey Creek Mine County: Carbon Permit Number: C/007/001
Permittee and/or Operator's Name: Lodestar Energy, Inc.
Business Address: HC 35 Box 370, Helper, Utah 84526
Company Official(s) Mr. Kit Pappas, Engineering Department
State Official(s): Peter Hess Federal Official(s): None
Weather Conditions: Clear, hot; ninety degrees Fahrenheit
Type of Mining Activity: Underground Surface XXX Prep Plant Other
Existing Acreage: Permitted 3906 Disturbed 140.2 Regraded Seeded
Status: Active

REVIEW OF PERMIT, PERFORMANCE STANDARDS & PERMIT CONDITION REQUIREMENTS

- Substantiate the elements on this inspection by checking the appropriate performance standard.
 - For complete inspections provide narrative justification for any elements not fully inspected unless element is not appropriate to the site, in which case check N/A.
 - For partial inspections check only the elements evaluated.
- Document any noncompliance situation by referencing the NOV issued at the appropriate performance standard listed below.
- Reference any narratives written in conjunction with this inspection at the appropriate performance standard listed below.
- Provide a brief status report for all pending enforcement actions, permit conditions, Division Orders, and amendments.

	EVALUATED	N/A	COMMENTS	NOV/ENF
1. PERMITS, CHANGE, TRANSFER, RENEWAL, SALE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. SIGNS AND MARKERS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. TOPSOIL	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4. HYDROLOGIC BALANCE:				
a. DIVERSIONS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. SEDIMENT PONDS AND IMPOUNDMENTS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. OTHER SEDIMENT CONTROL MEASURES	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d. WATER MONITORING	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e. EFFLUENT LIMITATIONS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. EXPLOSIVES	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6. DISPOSAL OF EXCESS SPOIL/FILLS/BENCHES	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. COAL MINE WASTE/REFUSE PILES/IMPOUNDMENTS	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8. NONCOAL WASTE	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9. PROTECTION OF FISH, WILDLIFE AND RELATED ENVIRONMENTAL ISSUES	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10. SLIDES AND OTHER DAMAGE	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11. CONTEMPORANEOUS RECLAMATION	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12. BACKFILLING AND GRADING	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
13. REVEGETATION	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
14. SUBSIDENCE CONTROL	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15. CESSATION OF OPERATIONS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16. ROADS:				
a. CONSTRUCTION/MAINTENANCE/SURFACING	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. DRAINAGE CONTROLS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
17. OTHER TRANSPORTATION FACILITIES	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
18. SUPPORT FACILITIES/UTILITY INSTALLATIONS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
19. AVS CHECK (4 th Quarter- April, May, June)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
20. AIR QUALITY PERMIT	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
21. BONDING & INSURANCE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

INSPECTION REPORT
(Continuation Sheet)

PERMIT NUMBER: C/007/001

DATE OF INSPECTION: 07/09/2002

(COMMENTS ARE NUMBERED TO CORRESPOND WITH TOPICS LISTED ABOVE)

Note: On June 28, representatives from the Division, the USDA / USFS Manti-LaSal National Forest, and the permittee inspected subsidence impact #23, located in Boardinghouse Canyon. This impact is the result of an attempt to cross a fault at an acute angle in the upper seam in 1987. As a result of this inspection, the permittee is preparing a permit amendment to mitigate the damage. The amendment should be submitted prior to August 1, 2002. A joint review will be conducted by the surface management agency and the Division.

3. TOPSOIL

The permittee is preparing to remove topsoil from the area that was timbered south of the Dugout pond D-1. Waste timber is being removed via dozing in anticipation of the soil removal. This topsoil will be hauled to the topsoil storage area located SE of the mine site sediment pond 004A.

Also, the timbering of Aspen trees is occurring on the hillside above the old spoil pile. Chain saws could be heard operating during today's inspection. Following the recovery of this usable timber, the topsoil will be removed for storage. The permittee has several permitted storage areas for topsoil. It is believed that the permitted storage area above pond 004A will be utilized for this material.

4B. HYDROLOGIC BALANCE: SEDIMENT PONDS AND IMPOUNDMENTS

The concrete pond formerly designated as 005A (was used to treat mine water from the upper mine) has been demolished.

The permittee has breached the Dugout pond D-1, as the removal of interburden to uncover the lower O'Connor seam has proceeded to that location. As observed today, there is no flow in Whiskey Creek. A trackhoe was observed operating in upper Whiskey Creek, re-establishing the channel.

All flows collected by the Whiskey Creek drainage will now report through the coal pit.

Ponds 001A and 002A located at the rail loading facility were inspected this day. The water volume contained in both ponds has gone down and is well below the primary discharge elevation.

4C. HYDROLOGIC BALANCE: OTHER SEDIMENT CONTROL MEASURES

The silt fence that has been installed about the Whiskey Creek undisturbed bypass culvert (UDD-5) inlet is in need of maintenance. The fence perimeter has been lengthened to almost completely encompass the inlet. The in-place fabric contained several holes. The area surrounding this fence is void of vegetative cover, either from timbering or the overburden removal process. Although Whiskey Creek flows will now report through the coal pit, it is still important to prevent sediment from flowing into this undisturbed diversion. Mr. Shane Miller, surface foreman, agreed to repair the fence as soon as possible.

The silt fence surrounding the topsoil pile at the rail loading facility is sagging for a distance of about twenty feet. This soil pile is well vegetated. It was suggested that the permittee, through proper permitting action, remove the silt fence and install a berm about the pile. Mr. Pappas indicated that for now, the fence would be repaired.

INSPECTION REPORT
(Continuation Sheet)

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5. EXPLOSIVES

The permittee's blasting records were reviewed. The last shot was conducted on July 3, 2002, with thirty-six holes being charged. A square pattern on eighteen-foot centers is being utilized, with 7.5-inch diameter boreholes. Mr. Ray Black is the certified blaster conducting the work. The blasting report indicated that all of the holes were wet; therefore, 30-pound bags of ANFO emulsion were utilized. Mr. Black's report also indicated that the holes were loaded with an insufficient amount of explosive, (a powder factor of 0.25) and that the burden did not move in the manner anticipated.

12. BACKFILLING AND GRADING

Coal pit #3 is currently being worked, with burden removal and coal removal both occurring at the same time (lower O'Connor seam).

18. SUPPORT FACILITIES/UTILITY INSTALLATIONS

The permittee anticipates that the demolition of the electrical substation will occur in the very near future.

20. AIR QUALITY PERMIT

Water sprinklers were observed operating on the truck-unloading loop at the rail loading facility.

The permittee is also utilizing a water truck on the haul roads in the mining area. The hot and extremely dry weather conditions, which all of Utah is experiencing, require a constant effort to control fugitive dust.

Inspector's Signature: _____



Peter Hess #46

Date: July 11, 2002

Note: This inspection report does not constitute an affidavit of compliance with the regulatory program of the Division of Oil, Gas & Mining.

cc: James Fulton, OSM
David Miller, Lodestar
Price Field office

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