



State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

PHL
back
8/10

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INSPECTION REPORT

Partial XXX Complete Exploration
Inspection Date: 02/07/2002 / Time: 8:30-10 AM
Date of Last Inspection: 01/04/2002

Mine Name: Horizon Mine County: Carbon Permit Number: C/007/020
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 Dept.
State Official(s): Peter Hess Federal Official(s): None
Weather Conditions: Overcast / 23 degrees Fahrenheit
Type of Mining Activity: Underground XXX Surface Prep Plant Other
Existing Acreage: Permitted 711 Disturbed 9 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 type="checkbox"/>	<input type="checkbox"/>
4. HYDROLOGIC BALANCE:				
a. DIVERSIONS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
e. EFFLUENT LIMITATIONS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. EXPLOSIVES	<input type="checkbox"/>	<input type="checkbox"/>	<input 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12. BACKFILLING AND GRADING	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input 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 type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
21. BONDING & INSURANCE	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

INSPECTION REPORT
(Continuation Sheet)

PERMIT NUMBER: C/007/020

DATE OF INSPECTION: 02/07/2002

(COMMENTS ARE NUMBERED TO CORRESPOND WITH TOPICS LISTED ABOVE)

4A. HYDROLOGIC BALANCE: DIVERSIONS

Several diversions were noted at the site which are in need of enhancement; these included the drainage ditch designated as DD-4A on Plate 7-4 and the berm located due West of the water tank located above the Mine's belt portal. This berm should be enhanced all along this access road to the area above the portals, not only from a drainage perspective, but also from a safety perspective. It appears that some flow has gone down the outslope by the water tank to the lower pad.

Ground conditions remain frozen. It would be of little benefit to require the permittee to attempt to redefine the aforementioned diversions at this time.

4B. HYDROLOGIC BALANCE: SEDIMENT PONDS AND IMPOUNDMENTS

The pond is frozen, with the surface elevation of the ice well below the discharge level. There were no hazardous conditions noted.

4C. HYDROLOGIC BALANCE: OTHER SEDIMENT CONTROL MEASURES

Wildlife in the area has destroyed several of the straw bales providing part of the sediment control located at the south end of ASCA #1 (topsoil storage area). Mr. Pappas agreed to repair those bales.

4D. HYDROLOGIC BALANCE: WATER MONITORING

Mr. Pappas indicated that when mine water is discharged, it is averaging about 350 GPM. The remainder of this collected volume is used for in-mine dust suppression purposes.

There was no flow noted in Jewkes Creek above the Mine site this day.

18. SUPPORT FACILITIES/UTILITY INSTALLATIONS

The permittee had previously utilized a fiberglass storage tank to contain water, which ruptured with the cold weather. All flow from this reported to the sediment pond. A steel tank has been installed in its place.

21. BONDING AND INSURANCE

The permittee informed this individual on February 5, 2002 that an agreement has been reached in Federal court in Lexington, Kentucky between attorneys associated with Wexford and Lodestar Energy, Inc. According to Mr. Mark Wayment, General Manager for the permittee, the details of a suitable bond agreement between Lodestar and the State of Utah, Division of Oil, Gas, and Mining are being worked on at this time.

Inspector's Signature: _____

Peter Hess #46

Date: February 7, 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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