

60021



State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

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INSPECTION REPORT

PG 2
by
[Signature]

Partial: XXX Complete: _____ Exploration: _____
Inspection Date & Time: 06/15/2001 9:00 - 15:00
Date of Last Inspection: 06/15/2001

Mine Name: Horizon Mine County: Carbon Permit Number: [Redacted]
Permittee and/or Operator's Name: Lodestar Energy, Inc.
Business Address: HC 35 Box 370, Helper, Utah 84526
Type of Mining Activity: Underground XXX Surface _____ Prep. Plant _____ Other _____
Company Official(s): Kip Pappas
State Official(s): Bill Malencik, Karl Houskeeper Federal Official(s): _____
Weather Conditions: Dry Mine Site, Temp in 80's
Existing Acreage: Permitted 711 Disturbed 9 Regraded _____ Seeded _____
Status: Active XXX

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 checked="" 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 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
5. EXPLOSIVES	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. DISPOSAL OF EXCESS SPOIL/FILLS/BENCHES	<input type="checkbox"/>	<input 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 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 type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13. REVEGETATION	<input type="checkbox"/>	<input 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 checked="" 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 type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
18. SUPPORT FACILITIES/UTILITY INSTALLATIONS	<input type="checkbox"/>	<input type="checkbox"/>	<input 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 type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
22. OTHER	<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: 07/25/2001

(COMMENTS ARE NUMBERED TO CORRESPOND WITH TOPICS LISTED ABOVE)

GENERAL COMMENTS

Did a partial inspection of the Horizon Mine. See numerical items listed below for details of discussion. In summary, diversion DD-3A needs to be cleaned at the upper end, UC-3 had coal fines that need to be cleaned in the undisturbed drainage, and DD-4 had props in the ditch and they must be removed. The maintenance items must be cleaned by the next inspection with the exception of the props in the ditch. This was cleaned before closeout of the July inspection.

2. SIGNS AND MARKERS

All signs and markers were observed and no problems were noted. The I.D. sign was located at the permit boundary just below the mine. It contained all the required information.

As related to the signs and markers these included topsoil, stream buffer zone, disturbed markers, and a custom sign on the topsoil pile notifying all parties not to park in the ditch.

3. TOPSOIL

The topsoil piles were inspected. The exposed soil is a problem and it is being addressed by Mr. Miller who intends to place mulching and a filter blanket for soil protection.

4A. HYDROLOGIC BALANCE: DIVERSIONS

All diversions are designed. All diversions with the exception of those noted above were functional. All diversions are designed and have been certified by a P.E.

4B. HYDROLOGIC BALANCE: SEDIMENT PONDS AND IMPOUNDMENTS

The sediment pond is designed. The second quarter pond inspection report was inspected and reported on 06/01/2001. The pond was not discharging. The pond bottom was barely covered.

4D. HYDROLOGIC BALANCE: WATER MONITORING

Reviewed the water monitoring records for the second quarter.

The second quarter samples were only taken on HZ-95-1, 1S, 2, and 3. Ground water samples were taken on SP-1, SP-2, SP-4, SP-9, GV-70 and 2-6-W. Surface water samples were taken on SS-3, SS-5, SS-7, SS-8, SS-10, SS-11, and SS-12. All the parameter were checked and no problems noted. The laboratory results have not been received on the second quarter samples. The mine has not completed the balance of the second quarter samples.

4E. HYDROLOGIC BALANCE: EFFLUENT LIMITATIONS

The UPDES report was submitted for the month of May covering the period 6/1/2001-6/30/2001. Pond 001 did not discharge and a report was submitted. The mine water pond 002 was discharging and was reported for the month of June.

INSPECTION REPORT
(Continuation sheet)

PERMIT NUMBER: C/007/020

DATE OF INSPECTION: 07/25/2001

9. PROTECTION OF FISH, WILDLIFE, AND RELATED ENVIRONMENTAL VALUES

The macro-invertebrate study was performed since the last inspection by EarthFax. The report showed no significant differences in Gordon Creek above and below the mine. From these results, one can conclude the discharge of mine water and water from the sediment pond was not a problem.

16A. ROADS: CONSTRUCTION/MAINTENANCE/SURFACING

The road ditch was regraded.

The matter of distance prohibitions was previously discussed. My understandings are as follows:

- 1) Horizon can not use the county road to load coal. Horizon does not have a permit on the county road. Loading coal from a public road is a hazard.
- 2) The county ditch that drains into the sediment pond must not have coal in it.
- 3) The snow storage area lies immediately adjacent to the road. When it is not being used for snow storage, like during the summer months, the mine can store coal on the area as long as the coal does not get into the county ditch. This rationale is based on understandings made at the past midterm review.

22. OTHER

Mr. Miller advised me that they are planning to make some changes to their disturbed area. This includes moving and enlarging the substation and placing a bathhouse under the belt line. He stated they would be submitting an amendment on both of these items.

On the matter of AML fees, I had a conversation with Kip Pappas. He advised me that he would contact the corporate office and fax their information to the inspector. As of today, I have not received any information. Called Dave Miller on July 30, 2001 and left a message for him to let us know the status.

Inspector's Signature: 
Wm. J. Malencik #26

Date: July 30, 2001

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

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

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