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State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

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INSPECTION REPORT

Handwritten initials/signature

Partial: XXX Complete: Exploration:
Inspection Date & Time: 12 PM-3 PM
Date of Last Inspection: 07/25/2001

Mine Name: Horizon Mine County: Carbon Permit Number:
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): Mr. Kit Pappas, Engineering Department
State Official(s): Peter Hess Federal Official(s): None
Weather Conditions: Partly cloudy, cooler; some showers
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 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 type="checkbox"/>	<input type="checkbox"/>
c. OTHER SEDIMENT CONTROL MEASURES	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input 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 checked="" 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 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 type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
18. SUPPORT FACILITIES/UTILITY INSTALLATIONS	<input checked="" 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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: 08/06/2001

(COMMENTS ARE NUMBERED TO CORRESPOND WITH TOPICS LISTED ABOVE)

Note: At the present time, the Horizon Mine is not producing coal. The permittee recently received Federal mine plan approval to initiate activities within a new lease. During today's inspection, it was learned that the permittee is having difficulty keeping the underground de-watering system operating. Inflow from adjacent old workings is proving to be too much for the capacity of the current pump system. Also, unpredictable power outages in the Wildcat Canyon area are allowing the de-watering system to lose what has been gained in-Mine. The permittee is intending to install a larger capacity pump to attempt to overcome this problem.

3. TOPSOIL

Mr. Bill Malencik's July inspection report indicated that Mr. Dave Miller, P.E., and Business Manager for the permittee had a need to address some exposed topsoil on one or several of the storage piles within the Mine site disturbance. Mr. Pappas was not aware of any follow-up by Mr. Miller regarding this issue.

4A. HYDROLOGIC BALANCE: DIVERSIONS

Today's field inspection of the site noted that the culvert designated as DC-1 on Plate 7-4, DRAINAGE DIVERSIONS, needed to have sediment removed from both the inlet and outlet (the diversion appears to be a twelve-inch corrugated metal pipe). It was suggested that the permittee try to flush the remainder of material from the culvert. Mr. Pappas indicated that, at the present time, there is no pressurized water supply at the site to provide this capability.

As noted in the July inspection report, the diversion identified as DD-3A required some cleaning at the upper end, where a slump of material into it had occurred. The permittee had cleaned the ditch, restoring it to full function.

The permittee has removed the mine timbers from ditch DD-4A.

The July inspection report noted that coal fines had been observed in the basin just up-channel of the inlet to the undisturbed by-pass culvert designated as UC-3. There was no visual evidence of coal fines in the basin, as observed today.

Based on the scale of Plate 7-4, DRAINAGE DIVERSIONS, (1"= 100'), culvert DC-1 appears to be one hundred feet in length. This is not correct, as the field length of DC-1 is approximately 12-15 feet at most.

Several other minor problems were noted with the two maps which were utilized during today's inspection. Also, the updating of the surface facilities map as the Mine continues to expand to meet production requirements was discussed. It was suggested to Mr. Pappas that the permittee notify the Division via the assigned reclamation specialist whenever a minor addition is made (something that does not require permitting), and then update the surface facilities map when four or five of these minor changes have occurred. Major changes to the surface facility area, or other changes requiring approval via the permitting process should have the surface facility map updated as a part of the UDNR/OGM approval process. Mr. Pappas made note of these suggestions.

INSPECTION REPORT

(Continuation sheet)

PERMIT NUMBER: C/007/020

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4D. HYDROLOGIC BALANCE: WATER MONITORING

Based on review of the water monitoring data at the site, all second quarter monitoring has been completed. Ms. Vicki Miller conducts all surface and ground water sampling for the permittee. On August 17, 2001, Ms. Miller informed me that all second quarter data has been uploaded to the Division data base.

20. AIR QUALITY PERMIT

Several vehicles were observed to leave the Mine site disturbed area during the course of today's inspection. Some fugitive dust was thrown into suspension by those vehicles. Mr. Pappas once again noted that the means to provide a water supply to suppress dust, as well as the lack of a water truck prevented watering of the Mine yard.

21. BONDING AND INSURANCE

The permittee's general liability insurance for the Horizon site will expire on August 31, 2001.

Inspector's Signature: _____


Peter Hess #46

Date: August 17, 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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