



# State of Utah

DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt  
Governor  
Kathleen Clarke  
Executive Director  
Lowell P. Braxton  
Division Director

1594 West North Temple, Suite 1210  
PO Box 145801  
Salt Lake City, Utah 84114-5801  
801-538-5340  
801-359-3940 (Fax)  
801-538-7223 (TDD)

## INSPECTION REPORT

*pg 2 by [signature]*

Partial: XXX Complete: \_\_\_\_\_ Exploration: \_\_\_\_\_  
Inspection Date & Time: 4/11/2001 / 10:00a.m.-3:00p.m.  
4/18/2001 / 1:00p.m.-5:30p.m.  
Date of Last Inspection: 3/15/2001

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  
Type of Mining Activity: Underground XXX Surface \_\_\_\_\_ Prep. Plant \_\_\_\_\_ Other \_\_\_\_\_  
Company Official(s): David Miller  
State Official(s): Wm. J. Malencik Federal Official(s): None  
Weather Conditions: Partly Cloudy, Five inches of snow at the mine site  
Existing Acreage: Permitted 317 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 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
8. NONCOAL WASTE	<input 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 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 <sup>th</sup> 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"/>

**INSPECTION REPORT**  
(Continuation sheet)

PERMIT NUMBER: C/007/020

DATE OF INSPECTION: 4/11,18/2001

( COMMENTS ARE NUMBERED TO CORRESPOND WITH TOPICS LISTED ABOVE )

**GENERAL COMMENTS**

The mine site received five inches of snow the night before the inspection.

Two ditches needed immediate attention. These were the county road ditch and the other ditch is on the north end of the property and lying north of the portals. These were both cleaned and no other ditch problems were noted.

Was informed that Walter Whitlege is currently the general mine manager. He comes in from Colorado from time to time. He was underground at the time of the inspection.

No violations were issued as a result of this inspection.

Took photographs of the topsoil and seeded areas immediately above diversion DD-3A on 4/18/2001 as requested by Priscilla Burton.

**2. SIGNS AND MARKERS**

Identification signs are displayed at each point of access from public roads to areas of surface operation. The exact location is by the road junction to Horizon mine and Gordon Creek #2, #7, and #8 mine. Markers include the disturbed, stream buffer zone, and topsoil. This meets the coal rules.

**3. TOPSOIL**

The midterm brought up the following soils issues: (1) determination and verifying the topsoil volume, and (2) cross-sections, depth, and other topsoil measurements and erosion on the exposed non-vegetated steep embankment adjacent to a ditch. Discussed this matter with Mr. Miller on 4/18/2001. He was of the opinion that the entire area has been topsoiled from the culvert to the topsoil pile. The map only shows the lower part as topsoiled and seeded.

**4A. HYDROLOGIC BALANCE: DIVERSIONS**

The diversions mentioned in the general comments above are Diversion DD-3A located north of the portals and Diversion DD-5 county ditch that drains into the sediment ponds. For more details, refer to general comments section above. As mentioned, these two ditches were both cleaned.

**4B. HYDROLOGIC BALANCE: SEDIMENT PONDS AND IMPOUNDMENTS**

The pond had about two feet of runoff in the bottom. The pond was stable and has not discharged since the UPDES was approved to have the mine water discharged into the undisturbed drainage. The slopes of the pond were vegetated. This meets the coal rules.

INSPECTION REPORT  
(Continuation sheet)

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**4C. HYDROLOGIC BALANCE: OTHER SEDIMENT CONTROL MEASURES**

The straw bales below the sediment pond were observed and they were covered with snow. The area was roughed up as requested by the Division. This meets the coal rules.

**4D. HYDROLOGIC BALANCE: WATER MONITORING**

The mine took samples of the water required by the Division for the first quarter. The laboratory results have not been received at the time of the inspection. The operator called C, T, & E and inquired about the first quarter monitoring reports. He was advised that they would be sent to the Horizon mine in the next few days.

**4E. HYDROLOGIC BALANCE: EFFLUENT LIMITATIONS**

The last report was dated 1/31/2001. There were not any problems with the reports on outfall 001, pond, and 002 the mine water discharge.

**7. COAL MINE WASTE/REFUSE PILES/IMPOUNDMENTS**

Currently, the Horizon mine does not have a permit for coal waste. The material that was shipped to Sunnyside Cogeneration mine was classified by the board chairman, Dave Lauriski, as coal and not coal waste. This decision was a result of a hearing on April 13, 1999.

Most of the coal has been moved to Sunnyside Cogeneration. There is about 10% left. Talked with Mark Wayment and he advised me that he is still interested in moving the 10% of the high ash coal.

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

Date: April 20, 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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