



# 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)

*Pal  
by  
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## INSPECTION REPORT

Partial XXX Complete \_\_\_ Exploration \_\_\_  
Inspection Date: 07/25/2002 / Time: 9-10:30 AM  
Date of Last Inspection: 07/09/2002

Mine Name: White Oak Complex/Whiskey Creek 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 Dept.  
State Official(s): Peter Hess Federal Official(s): None  
Weather Conditions: Clear, cool; 70's 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

1. Substantiate the elements on this inspection by checking the appropriate performance standard.
  - a. 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.
  - b. For partial inspections check only the elements evaluated.
2. Document any noncompliance situation by referencing the NOV issued at the appropriate performance standard listed below.
3. Reference any narratives written in conjunction with this inspection at the appropriate performance standard listed below.
4. 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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 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 checked="" 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 type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8. NONCOAL WASTE	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
9. PROTECTION OF FISH, WILDLIFE AND RELATED ENVIRONMENTAL ISSUES	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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 checked="" 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
14. SUBSIDENCE CONTROL	<input type="checkbox"/>	<input checked="" 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 type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. DRAINAGE CONTROLS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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 <sup>th</sup> 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 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: 07/25/2002

(COMMENTS ARE NUMBERED TO CORRESPOND WITH TOPICS LISTED ABOVE)

**1. PERMITS, CHANGE, TRANSFER, RENEWAL, SALE**

The permittee is in the process of revising the pit sequence of mining for the site. Two production shifts have recently been initiated. A re-budgeting evaluation is also ongoing.

Mr. Pappas was informed that when the new pit sequence is finalized, that the revised Plate 5-1C should be forwarded as an amendment for insertion into the mining and reclamation plan.

**3. TOPSOIL**

The permittee is in the process of recovering and storing topsoil from the timbered area on the SW side of Whiskey Creek. According to Mr. Shane Hansen, surface foreman, 12-15 inches of soil are being recovered. Twenty-four hundred cubic yards of material were recovered and stored on 07/24/2002.

Mr. Dan Larsen, Soil Scientist with Environmental Industrial Services, Helper, Utah, is monitoring the soil recovery process. The soil that is currently being recovered is being stored adjacent to the run-of-mine stacking tube (at the truck loading facility). A copy of Mr. Larsen's report was requested (upon receipt) for forwarding to Ms. Priscilla Burton in SLC.

The topsoil storage pile at the rail loading facility was inspected for the encroachment of musk thistle. None were observed within the vegetative cover over the area.

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

The water level in pond 004A, (Mine site sediment pond), continues to drop. It is well below the primary spillway elevation.

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

As noted in the July 9th report, all flow that is collected by upper Whiskey Creek is now being routed through the pit area.

The silt fence surrounding the inlet to the undisturbed by pass culvert appeared to be capable of functioning as designed.

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

The permittee informed the Division this day that all information relative to surface and ground water monitoring regimes for the Whiskey Creek permit area for the second quarter of 2002 has been entered into the Division's electronic database.

**5. EXPLOSIVES**

The permittee is no longer utilizing Wolf Mining as its blasting contractor. Numerous difficulties including proper scheduling of Wolf's blast hole drill, shot scheduling, powder factors, and others had developed to the point that the permittee was not satisfied with Wolf Mining's performance.

**INSPECTION REPORT**  
(Continuation Sheet)

PERMIT NUMBER: C/007/001

DATE OF INSPECTION: 07/25/2002

The permittee has contracted Dyno Nobel Inc. to conduct all future blasting. The Utah certified surface blasters who are conducting the work will be Doug Lawley, Utah certificate #175 and Ross Tabberer, Utah certificate #173. Both certificates are on file in the permittee's main office.

**8. NONCOAL WASTE**

The permittee has disposed of all of the mining apparatus and noncoal waste which had been in storage on the lower pad, adjacent to the mine's truck loading facility.

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

The permittee has had the Aspen trees located on the slope above the old spoil pile cut. Those trees remain to be harvested.

The permittee has sprayed most of the musk thistle about the site on two occasions. The flowers of this noxious weed were drooping in several locations.

**16B. ROADS: DRAINAGE CONTROLS**

The permittee has recently removed sloughage debris from the shallow concrete diversion that parallels the Belina haul road. All drop drains were clear and capable of functioning as designed.

Inspector's Signature: \_\_\_\_\_

  
Peter Hess #46

Date: July 26, 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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