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State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

INSPECTION REPORT

WAM

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Michael O. Leavitt
Governor
Lowell P. Braxton
Division Director

Partial: Complete: XXX Exploration:
Inspection Date & Time: 12/14/99 / 12:00p.m.-5:00p.m.
Date of Last Inspection: 11/16/99

Mine Name: White Oak #1 & #2 County: Carbon Permit Number: ACT/007/001
Permittee and/or Operator's Name: Lodestar Energy, Inc. and subsidiaries
Business Address: Scofield Route, Helper, Utah 84526
Type of Mining Activity: Underground XXX Surface Prep. Plant Other
Company Official(s): Vicky Miller-Consultant
State Officials(s): Peter Hess Federal Official(s): None
Weather Conditions: Clear, Cold, Temp in Teen's, 13" snow within last 24 hours
Existing Acreage: Permitted- 3746 Disturbed- 142.8 Regraded- 0 Seeded- 0 Bonded- 142.8
Increased/Decreased: Permitted- Disturbed- Regraded- Seeded- Bonded-
Status: Exploration/ XXX Active/ Inactive/ Temporary Cessation/ Bond Forfeiture
Reclamation (Phase I/ Phase II/ Final Bond Release/ Liability Year)

REVIEW OF PERMIT, PERFORMANCE STANDARDS & PERMIT CONDITION REQUIREMENTS

Instructions

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 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 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 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 checked="" 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9. PROTECTION OF FISH, WILDLIFE AND RELATED ENVIRONMENTAL VALUES	<input checked="" 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
15. CESSATION OF OPERATIONS	<input type="checkbox"/>	<input checked="" 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 type="checkbox"/>	<input type="checkbox"/>
19. AVS CHECK (4th Quarter-April, May, June) _____ (date)	<input checked="" 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

INSPECTION REPORT
(Continuation sheet)

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PERMIT NUMBER: ACT/007/001

DATE OF INSPECTION: 12/14/99

(Comments are Numbered to Correspond with Topics Listed Above)

Note: The Lodestar site received thirteen inches of snow within the last 24 hour period. The inspection of most of the field was not possible this day due to snow depth.

1. PERMITS, CHANGE, TRANSFER, RENEWAL, SALE

ACT/007/001-AM99C, which is a permit amendment relative to the reclamation of pre-SMCRA high walls was approved by the UDNR/OGM on December 17, 1999. Clean copies are due from the permittee for incorporation by January 7, 2000.

The permittee submitted an application (ACT/007/001-IBC-99F) to the Division for a 160 acre incidental boundary change on December 9, 1999.

4a. HYDROLOGIC BALANCE: DIVERSIONS

Ms. Vicky Miller, of EarthFax Engineering, resident agent, provided information to this individual on December 6 to confirm that culvert C-15-24 (referred to in November inspection report) has sufficient flow carrying capacity remaining for the design event. As was referred to in the November report, this culvert carries two four inch and two one inch electrical conduits under three sets of track in the loadout area. The information has been verified as adequate by a UDNR/OGM hydrologist.

4b. HYDROLOGIC BALANCE: SEDIMENT PONDS AND IMPOUNDMENTS

The third quarter impoundment inspections for the site were conducted by Ms. Vicki Miller on September 25, 1999. There were no signs of instability or other hazardous conditions noted for ponds 001 through 004. Pond 005 is not in use, but can impound water.

These inspections were P.E. certified by Mr. Mark Wayment, who is a registered professional engineer in the State of Indiana. It is not known if a reciprocal agreement honoring certifications between Utah and Indiana exists.

4d. HYDROLOGIC BALANCE: WATER MONITORING

The second quarter water monitoring report for the site was submitted to the UDNR/OGM/SLO on July 21, 1999. Field measurements and samples were collected for this report on June 28, 1999. As such, the permittee had failed to receive analytical data for the following surface water sample points; VC-4, VC-5, and VC-11. This data will be forwarded when received.

Several springs were inaccessible for the second quarter data collection due to locked USFS and private land owner gates. The MRP requires that these samples points be monitored for water monitoring purposes. If the permittee is required to monitor these points but cannot do so, for whatever reason, a compliance situation may exist. A permit amendment should be submitted to:

- 1) remove the inaccessible monitoring points from the program,
- 2) change the collection period to dry summer months only, or
- 3) possibly permit other points which may provide similar information.

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Data for the third quarter water monitoring report, which was collected on September 17, was reviewed. Data for sample points VC-4, VC-5 and VC-11 was included. All analyses reported had cation/anion balances within the acceptable +/-5% range. This information has not been submitted to the Division as yet.

The water monitoring plan for the site calls for data collection from eight springs, seven surface monitoring points and UPDES point 004.

5. EXPLOSIVES

There has not been any surface blasting conducted at the site. It was recommended to Ms. Miller that the permittee retain a copy of any employee's surface blaster certificates within its records for inspection purposes.

7. COAL MINE WASTE/REFUSE PILES/IMPOUNDMENTS

The third quarter refuse pile inspection/certification for the spoil pile was conducted on September 25. The inspection report was completed on November 5; the report was certified by Mark Wayment, P.E.

14. SUBSIDENCE CONTROL

According to Ms. Miller, the subsidence monitoring plan for the site consists of a walking visual inspection of the surface areas which overlie the Mine workings. A surface survey of established subsidence monitoring points is not performed. It is not known who conducts this survey, and/or what means is utilized to report any findings.

Ms. Miller made this individual aware that several sink holes exist, being an extension of underground extraction to the surface. Some exist on USFS surface; others exist on private ground. At this time, it is not possible to inspect the sink holes due to inaccessibility.

It is recommended that the new permittee review the current approved subsidence control plan as it exists and update same to meet the requirements of the R645 rules.

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

Copy of this Report:

Mailed to: David Miller/Vicky Miller (White Oak/EarthFax) Henry Austin (OSM)

Given to: Pam Grubaugh-Littig (DOGM)

Filed to: Price Field Office

Date: December 22, 1999

Inspector's Signature: _____

Peter Hess

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