



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

Handwritten initials and signature in the top right corner.

Partial: XXX Complete: Exploration:
Inspection Date & Time: 04/15/2001 / 10:30a.m.-2:30p.m.
Date of Last Inspection: 04/11,18/2001

Mine Name: Horizon Mine County: Carbon Permit Number: C007/020
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 (office), Carlos Sandoval (field)
State Official(s): Bill Malencik Federal Official(s): None
Weather Conditions: Partly Cloudy, Temp 60's
Existing Acreage: Permitted 317 Disturbed 9 Regraded Seeded
Status: Active XXX

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.

Table with 4 columns: EVALUATED, N/A, COMMENTS, NOV/ENF. Rows include categories like PERMITS, CHANGE, TRANSFER, RENEWAL, SALE; SIGNS AND MARKERS; TOPSOIL; HYDROLOGIC BALANCE; EXPLOSIVES; DISPOSAL OF EXCESS SPOIL/FILLS/BENCHES; COAL MINE WASTE/REFUSE PILES/IMPOUNDMENTS; NONCOAL WASTE; PROTECTION OF FISH, WILDLIFE AND RELATED ENVIRONMENTAL ISSUES; SLIDES AND OTHER DAMAGE; CONTEMPORANEOUS RECLAMATION; BACKFILLING AND GRADING; REVEGETATION; SUBSIDENCE CONTROL; CESSATION OF OPERATIONS; ROADS; OTHER TRANSPORTATION FACILITIES; SUPPORT FACILITIES/UTILITY INSTALLATIONS; AVS CHECK; AIR QUALITY PERMIT; BONDING & INSURANCE; OTHER: MACRO INVERTEBRATE STUDY.

## INSPECTION REPORT

(Continuation sheet)

PERMIT NUMBER: C/007/020

DATE OF INSPECTION: 05/15/2001

( COMMENTS ARE NUMBERED TO CORRESPOND WITH TOPICS LISTED ABOVE )

### GENERAL COMMENTS

Conducted a partial inspection of the Horizon Mine on 5/15/2001.

No violations were issued as a result of this inspection.

The Horizon mine currently has three employees at the mine. Mr. Sandoval stated they would start the mine up in August 2001.

#### **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. Disturbed marker sign was temporarily attached to the post. Mr. Sandoval stated he would bolt the sign on permanently. This marker was below the sediment pond.

#### **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. This matter is pending a midterm reply from Horizon that is due 6/01/2001.

#### **4A. HYDROLOGIC BALANCE: DIVERSIONS**

Instructed Mr. Sandoval to clean out the two straw bales in the ditch. This he did before the completion of the inspection.

The diversions, Diversion DD-3A located north of the portals and Diversion DD-5 county ditch that drains into the sediment ponds, were both maintained since the last inspection.

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

The pond had about four feet to the decant level. 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.

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

The straw bales below the sediment pond were observed and no problems were noted. The area was roughened up in the disturbed area below the sediment pond as requested by the Division. This meets the coal rules.

INSPECTION REPORT  
(Continuation sheet)

PERMIT NUMBER: C/007/020

DATE OF INSPECTION: 05/15/2001

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

The mine took water samples as required by the Division for the first quarter. According to Mr. Miller, the first quarter samples were released into the database. The second quarter samples have not been taken, according to Mr. Miller. The second quarter samples will include seven surface water and six ground water samples. Mr. Miller stated that they will be drilling ground water samples on Stamatakis' property.

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

The last report was dated 4/16/2001 on outfall 001, the sediment pond, and outfall 002, mine water discharge. The mine water was discharging and the meter reading was 509,258 gallons. The sediment pond was not discharging.

**22. OTHER: MACRO INVERTEBRATE STUDY**

Mr. Miller stated they had employed EarthFax to do the Macro Invertebrate Study that is due this year.

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

  
Wm. J. Malencik #26

Date: May 24, 2001

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

sd

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

O:\007020.HZN\Compliance\2001\p\_0515.wpd