



State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

INSPECTION REPORT

sgd

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Michael O. Leavitt
Governor
Lowell P. Braxton
Division Director

Partial: XXX Complete: Exploration:
Inspection Date & Time: 9/23/99 / 9:30a.m.-3:00p.m.
Date of Last Inspection: 8/23,24/99

Mine Name: Star Point Mine County: Carbon Permit Number: ACT/007/006 \*5
Permittee and/or Operator's Name: Cyprus Plateau Mining Corporation
Business Address: 847 Northwest Highway 191, Helper, Utah 84526
Type of Mining Activity: Underground XXX Surface Prep. Plant Other
Company Official(s): Johnny Pappas, Rick Fox
State Officials(s): Bill Malencik Federal Official(s): None
Weather Conditions: Partly Cloudy, Temp 70's
Existing Acreage: Permitted- 9,060 Disturbed- 220 Regraded- Seeded- Bonded- 220
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.

Table with 5 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; PROTECTION OF FISH, WILDLIFE AND RELATED ENVIRONMENTAL VALUES; 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.

**INSPECTION REPORT**  
(Continuation sheet)

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PERMIT NUMBER: ACT/007/006

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(Comments are Numbered to Correspond with Topics Listed Above)

GENERAL COMMENTS

A partial inspection was performed by the undersigned. The field inspection was completed on 9/23/99. Highlights of the inspection are as follows:

The Starpoint mine received several high intensity storms. Several culverts, sediment traps, and other control measures had been maintained and again required maintenance. These included the following main items:

- Problem 1: Sediment silt fences east side of refuse pile and below coal silo.
- Problem 2: Drop drain by sample building.
- Problem 3: Diversions/Berms
  - Culverts: (a) Road/Sediment Pond Inlet
  - (b) Under belt line above sample building
  - Berm: Refuse pile MSHA berm, south side
- Problem 4: Two sediment traps
  - a) Lion Deck Road Switch Back
  - b) South side of refuse pile
- Problem 5: Berm south side of refuse pile.

All items enumerated above were cleaned and meet performance standards. At the close of the inspection, the permittee had cleaned the sediment trap adjacent to the sample building.

The second part of the inspection dealt with the midterm. Division personnel present included Wayne Western, Dave Darby, Sharon Falvey, Paul Baker, and Daron Haddock. There were two main issues: issue #1) covering the high walls, and issue #2) reclamation of county road and balance of #1 mine.

On issue #1, most of the high wall would be covered, as envisioned by Mr. Pappas. On issue #2, Sharon mentioned the advantages. However, these are offset by other considerations. No decision was made on issue #2.

4A. **HYDROLOGIC BALANCE: DIVERSIONS**

There are approximately sixteen miles of constructed diversions within the disturbed and interfacing undisturbed area. This includes water conveyance systems of over 80 ditches and 32 culverts and berms that control and direct runoff. The diversions are designed and discussed in Section 742.300. In the prior inspection, all diversions were functional and maintenance was suggested on several diversions. This was completed as validated today.

As mentioned, several diversions did not meet performance standards; however, were maintained after the close out.

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(Continuation sheet)

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4B. HYDROLOGIC BALANCE: SEDIMENT PONDS AND IMPOUNDMENTS

There are nine sediment ponds and three water impoundments. The sediment ponds provide sediment control for the majority of the disturbed areas. There are four BTCA's. The runoff from these areas are treated and controlled by alternative sediment control measures. The water impoundments are associated with the coal wash plant.

None of the sediment ponds were discharging during the inspection. Ponds 1,2,4,5,8, and 9 contained runoff; the remainder were dry. Pond inspections for the second quarter were on file at the mine site, including last year's annual inspection.

4C. HYDROLOGIC BALANCE: OTHER SEDIMENT CONTROL MEASURES

Silt fences provide the sediment control on the BTCA areas. The mine has installed redundant sediment control measures including straw bales, silt fences, sumps, and check dams to retain sediment near the source. Some of the redundant and one primary silt fence did not meet maintenance performance standards. However, all were repaired by the closeout of the inspection.

7. COAL MINE WASTE/REFUSE PILES/IMPOUNDMENTS

The coal mine waste, as approved by the Division, covers an area of approximately 69 acres. The refuse pile approved design includes outslopes NTE 2:1, a MSHA berm, a sloping pile with positive drainage, diversions designed to meet 6 hr 100 year storm event, and commitment on restricting non-coal waste and combustible materials being stored in the refuse pile.

A MSHA berm required maintenance. It was maintained as noted above.

16A. ROADS: CONSTRUCTION/MAINTENANCE/SURFACING

All roads, both ancillary and primary, are designed and discussed in the MRP. During the inspection, the Lion Deck County Road was repaired. The other county road to sediment pond 3 and to the TV tower is accessible for the public to gain access to Gentry Mountain. The latter road will be maintained as part of the county road system, as it has been negotiated by Bob Louman.

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: Johnny Pappas (Plateau) Henry Austin (OSM)

Given to: Pam Grubaugh-Littig (DOGM) Filed to: Price Field Office

Date: September 24, 1999

Inspector's Signature:  #26

Wm. J. Malencik



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Michael O. Leavitt  
Governor  
Lowell P. Braxton  
Division Director

September 24, 1999

To: File

Thru: Daron Haddock, Permit Supervisor

From: Wm. J. Malencik, Reclamation Specialist *WJM*

RE: Mid-Term Review, Plateau Mining Corporation, Star Point Mine, ACT/007/006, Folder #2, Carbon County, Utah

A mid-term review was conducted on 9/23/99. Mine personnel in attendance included: Rick Fox, Mine Manager, and Johnny Pappas, Sr. Environmental Engineer. Division personnel in attendance included: Wayne Western, Dave Darby, Sharon Falvey, Paul Baker, Bill Malencik, and Daron Haddock.

There were two main issues, #1 covering highwall and #2 covering reclamation of the county road to and beyond the #1 mine and reclamation of the balance of the #1 mine.

On issue #1, most of the highwall would be covered as envisioned by Mr. Pappas.

On issue #2, Sharon mentioned the advantages of reclaiming the County Road and remainder of the #1 mine in 2000. However, some of this ties back to the agreement made by Bob Louman with the County in about 1988.

A third issue was discussed on impacts and off-site damages. There were no issues discussed on this item. However, an unresolved issue concerns subsidence and maintenance of an existing spring. A year ago, an understanding was reached between McEprang and Pappas. The agreement provided that Star Point would provide a backhoe and (1) re-develop the spring, or (2) if one was not successful, the same backhoe would develop another source of water. McEprang would, under a USFS cooperative agreement between USFS and McEprang, develop another source of water in the same service area.

sd  
enclosure

cc: Pam Grubaugh-Littig, DOGM, SLC