

0021



# State of Utah

DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

## INSPECTION REPORT

Michael O. Leavitt  
Governor  
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Partial: XXX Complete:    Exploration:   

Inspection Date & Time: 1-16-96 / 9:00a.m.-3:30p.m.

Date of Last Inspection: 12-20-95

Mine Name: Star Point Mine County: Carbon Permit Number: ACT/007/006

Permittee and/or Operator's Name: Cyprus Plateau Mining Corporation

Business Address: P.O. Drawer PMC, Price, Utah 84501

Type of Mining Activity: Underground XXX Surface    Prep. Plant    Other   

Company Official(s): Johnny Pappas, Steve Rigby, Ralph Moosman

State Officials(s): Bill Malencik Federal Official(s):   

Weather Conditions: Partly Cloudy, 30's

Existing Acreage: Permitted- 7200 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

- 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 type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. TOPSOIL	<input 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 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 type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e. EFFLUENT LIMITATIONS	<input type="checkbox"/>	<input type="checkbox"/>	<input 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 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 VALUES	<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 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 type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. DRAINAGE CONTROLS	<input 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
19. AVS CHECK (4th Quarter-April, May, June) _____(date)	<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"/>



*gsk*

**INSPECTION REPORT**  
(Continuation sheet)

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PERMIT NUMBER: ACT/007/006

DATE OF INSPECTION: 1-16-96

(Comments are Numbered to Correspond with Topics Listed Above)

**GENERAL COMMENTS**

Conducted the January monthly inspection of the Star Point Mine. The inspection focused on two items: (1) partial inspection, and (2) follow up on the diesel spills.

**DIESEL SPILL**

The Star Point mine had two diesel fuel spills. The first took place on 1-8-96; was reported to the DOGM Salt Lake Office. Paul Baker notified the undersigned at 3:30 p.m., 1-8-96 about the spill and reported the area had been promptly cleaned. The second took place on 1-11-96 and was reported to the undersigned.

On 1-9-96, 1-12-96, and 1-16-96, made successive field trips to the Star Point Mine. Here are the facts in my possession:

**FIRST SPILL/1-8-96**

**WHAT & WHERE**

- While loading a diesel tank, about 185 gallons was spilled at the upper mine pad that houses the shop and office.
- The spill was caused by a vendor, Pierce Oil Company, Price, Utah.

**WHEN**

- January 8, 1996, approximately 9:30 a.m. The spill was reportedly cleaned by noon on January 8, 1996.

**WHY**

- The Pierce Oil employee did two things that caused the spill:
  - (1) filled the wrong tank, it was not empty, and
  - (2) he left the immediate area and went to the shop leaving the truck and operation unattended.

## INSPECTION REPORT

(Continuation sheet)

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HOW: Key Items relating to the cleanup are as follows:

- The vendor employee shut off the truck pump immediately upon his return and notified Star Point officials.
- A quick reconnaissance of the immediate spill area was made. It was determined, because of the lay of the land, the diesel would be confined to the low area immediately below the spill. The diesel would not drain into the disturbed drainage system that ultimately reports to treatment facility #1.
- The mine did not have sufficient absorbent material on hand to handle a spill of this magnitude.
- The spill area was ice covered and the ground was frozen.
- Fifteen tons of rock dust was incorporated with the diesel fuel and ice.
- The cleanup material was deposited into the coal bin and was processed together with other coal at the mine's coal preparation plant.
- The coal processing plant has a three way separation: (1) the incoming material is cleaned, crushed, and washed, (2) liquids are returned to wash plant settlement impoundments, the impoundments are self-contained and the impoundment waters are recirculated and pumped back to the wash plant, and (3) coal waste is deposited on the Star Point refuse pile.

WHO

- Mine officials notified DOGM-SLC and DEQ-SLC.
- The undersigned discussed this matter with Ms. Liz Yeomans, DEQ-Hazardous Waste. She, in turn, discussed the matter with DEQ-Water Quality officials.
- The spill as previously mentioned was reported to the undersigned on 1-8-96 at 3:30 p.m. by DOGM employee Paul Baker.
- The key employees at the mine who were in charge of this project included, Johnny Pappas and Steve Rigby.

**INSPECTION REPORT**  
(Continuation sheet)

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**SECOND SPILL/1-11-96**

**WHAT**

- A second diesel spill took place at the Star Point mine. This was a smaller spill estimated at approximately 50 gallons.

**WHEN**

- Spill took place at about 7:30 a.m. on 1-11-96.
- Spill was cleaned by 10:30 a.m. on 1-11-96.

**WHERE**

- Tipple, adjacent to the shop. Disturbed area drainage reports to sediment pond #9.

**WHY**

- A large truck, when backing out of a parking space, hit a crawler tractor diesel tank and ruptured the tank.

**HOW**

- The spill was confined to an area about 15' x 15'.
- The spill was reported to the undersigned about 8:00 a.m. on 1-11-96. Also, Ms. Liz Yeomans was notified.
- The same cleanup procedure was used as covered in the instant report involving the 1-8-96 spill.

**WHO**

- Key mine personnel included Johnny Pappas and Ralph Moosman.

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CLOSEOUT AND CRITIQUE

In a closeout on 1-16-96 with Messieurs Pappas and Rigby, I complimented them on reporting and their quick action. I mentioned the better alternative would have been to transport the cleanup material to the ECDC landfill or the Emery County landfill who are authorized to handle such material.

In summary and conclusion, the permittee's employees took the following key steps:

- confining the spill and flow to the immediate area.
- immediately notified others as required and included in the SPCC Plan.
- started cleanup operations immediately before the ice and ground would thaw.
- concluded cleanup operations in an acceptable and timely manner.

In view of the foregoing and in coordination with DEQ, concluded that a violation of the Utah Coal Rules did not take place.

4a. DIVERSIONS

Observed drop drains and diversions on the upper pad and tipple areas. Some were adjacent to the diesel spills.

Also observed other diversions in the aforementioned areas. Several diversions and culverts were frozen but were functional. The operator was maintaining one road ditch near the tipple. His efforts were directed to confine the flow to the ditch. Ice buildup was a potential problem being corrected by the operator.

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) Marcia Petta (OSM)  
Given to: Joe Helfrich (DOGM) Filed to: Price Field Office  
Date: January 18, 1996

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