



inspection report

- Partial
- Complete
- Exploration

Inspection Date: August 16, 1995  
 Time: 8 : 00  am  pm to :  am  pm  
 Date of Last Inspection: July 14, 1995

Mine Name: Cottonwood / Welberg County: Emery Permit Number: Act 015/019  
 Permittee and/or Operator's Name: Pacy Corp / Energy West  
 Business Address: P.O. Box 1005 Huntington, UT, 84528  
 Type of Mining Activity:  Underground  Surface  Prep. Plant  Other  
 State Official(s): Brian Malencik  
 Company Official(s): Karl Houskeeper  
 Federal Official(s): N/A  
 Weather Conditions: Cloud Pt Overcast / Temp 80°  
 Existing Acreage: Permitted- 11532 Disturbed- 102 Regraded- \_\_\_\_\_ Seeded- \_\_\_\_\_ Bonded- 102  
 Increased/Decreased: Permitted- \_\_\_\_\_ Disturbed- \_\_\_\_\_ Regraded- \_\_\_\_\_ Seeded- \_\_\_\_\_ Bonded- \_\_\_\_\_  
 Status:  Exploration /  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 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 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11. CONTEMPORANEOUS RECLAMATION	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12. BACKFILLING AND GRADING	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13. REVEGETATION	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
14. SUBSIDENCE CONTROL	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15. CESSATION OF OPERATIONS	<input checked="" type="checkbox"/>	<input 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 checked="" 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 checked="" type="checkbox"/>	<input type="checkbox"/>
21. BONDING & INSURANCE	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

INSPECTION REPORT COMMENTS

Permit No. Act 015/019

Inspection Date 8/16/95

Please number comments to correspond with topics on previous page.

General Comments. A complete inspection was conducted of the Cottonwood/Welberg Mine. The operator was represented by Karl Houskeeper. Also had some discussions relative to subsidence and potential safety hazards with Val Payne.

Records as required in a complete inspection were reviewed. As related to the inspection report, only those items that have changed and are a mandatory requirement are discussed in the report.

As related to the field inspection areas covered included the mine, waste rock site and Cottonwood portal construction areas.

RECORDS Required records reviewed where no changes took place include permits (DOGMI/USIES/BLM/MSHA/DEQ) bond, insurance, public records at the Energy Court House, whistle blowing documentation, certified maps & designs, annual report, annual certified impairment inspection and necessary backup documents.

Water Monitoring. Water monitoring for the second quarter

Copy of report mailed to \_\_\_\_\_

Copy of report given to \_\_\_\_\_

Inspector's signature \_\_\_\_\_ No. \_\_\_\_\_

WHITE - DOGM YELLOW - OSM PINK - PERMITTEE/OPERATOR GOLDENROD - NOV FILE

INSPECTION REPORT COMMENTS

Permit No. Act015/019

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was field completed but a few of the lab reports have not been received from the lab.

As a result of a broken meter some field measurements were not taken. However, ph and conductivity measurements that couldnt be taken in the field were run by the lab. Chuck notified the undersigned about this problem at the start of the inspection.

Spring flows on about twenty springs comparing 1994 and 1995 showed 74 GPM for the former and 1100+ GPM on the latter.

Impoundments Five ponds were inspected as follows:

Mine north pond 6/30/95, south pond 6/30/95, West Rock Pond 6/29/95

Cottonwood #1 & 2 6/29/95. 1994 annual certified report was on file.

Waste Rock/Refuse Pile. Waste rock inspection was completed on 6/29/95

Explosives. Surface blasting has been conducted and associated with the construction of two portals at the Cottonwood Mine. These portals are located in the Cottonwood drainage and lie adjacent to the Sweet Mt'n Mine. Required blasting records were on file.

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Subsidence Subsidence monitoring for CY 1994 was completed and submitted to the Division.

On August 2, 1995, the operator (Pacifi. Corp/Energy West), USFS and DDGM personnel observed subsidence on East Mtn<sup>11</sup>. Some of the subsidence was associated with the Cottonwood Mine. The Division was represented by Paul Hittig Grubaugh and Petters. Mr. Hess advised me that some of the subsidence are safety hazards. By copy this report I am requesting the operator to evaluate, coordinate with USFS and others as necessary, and abate any safety hazards (subsidence) associated with the Cottonwood Mine.

It may be appropriate to revisit the existing interagency procedures on subsidence safety hazards. This could be included as an agenda item on the standing interagency coordination meeting since many of the concerned agencies have reorganized and/or have new personnel involved in such activities. Briefly discussed this item with Carter Reed on 8/18/95.

A copy of this page of the inspection report is being submitted to the USFS, attention Carter Reed for his information.

Copy of report mailed to \_\_\_\_\_

<sup>11</sup> The purpose of this field trip concerned federal lease relinquishment; however, subsidence field impacts were observed by the group.

Copy of report given to \_\_\_\_\_

Inspector's signature \_\_\_\_\_

No. \_\_\_\_\_

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Field. Areas covered in this field inspection included the Cottonwood Mine, Waste Rock Site, and the mine development work in Cottonwood creek.

Sediment Ponds. The waste rock, north, and south ponds all contained water. The other two were dry.

Other Sediment Control. Observed silt fence within the disturbed at the three locations mentioned above. The silt fences in the Cottonwood area were installed to provide sediment control associated with the new portals.

Support Facilities. The beltline supports and tube to provide for coal transportation via conveyor and beltline from the Trail Mtn to the Cottonwood Mine is nearly completed.

Copy of report mailed to PC/Karl Houskeeper; OSM/Donna Griffin; DOGM/Joe Heltrich

Copy of report given to <sup>filed</sup> PFO

Inspector's signature Jim J. Chalnick No. 26

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8/18/95