

0006



State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

INSPECTION REPORT

Handwritten signature/initials

Norman H. Bangerter
Governor
Dee C. Hansen
Executive Director
Dianne R. Nielson, Ph.D.
Division Director

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340

Partial:___ Complete: X Exploration:___
Inspection Date & Time: 10/24/92-1:00 pm -11am/25
Date of Last Inspection: October 21, 1992

Mine Name: Wellington Preparation Plant County: Carbon Permit Number: ACT/007/012
Permittee and/or Operator's Name: Castle Valley Resources
Business Address: P.O. Box 1282, Huntington, Utah, 84528
Type of Mining Activity: Underground X Surface___ Prep. Plant___ Other___
State Official(s): Sharon Falvey Company Official(s): Larry Johnson, Candy Manzanares
Federal Official(s): None Weather Conditions: Clear, cool,
Existing Acreage: Permitted 1720 Disturbed 356 Regraded 1.5 Seeded 1.5 Bonded 469
Increased/Decreased: Permitted-___ Disturbed-___ Regraded-___ Seeded-___ Bonded-___
Status: ___Exploration/ X 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 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 checked="" 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 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 checked="" type="checkbox"/>	<input type="checkbox"/>
5. EXPLOSIVES	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input 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 checked="" 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 checked="" 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
14. SUBSIDENCE CONTROL	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input 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 checked="" 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
18. SUPPORT FACILITIES/UTILITY INSTALLATIONS	<input 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 checked="" 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

(Continuation sheet)

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PERMIT NUMBER: ACT/007/012

DATE OF INSPECTION: 11/24/92

(Comments are Numbered to Correspond to Topics Listed on Page 1)

1. PERMITS

October 2, 1992 the Division received a memo indicating that Genwal Coal Company is leasing a portion of the permit area to MCI. The construction of the fiber optics site commenced. The site location is adjacent to the ridge road where bridge begins passing over the Price River from the south.

On October 20, 1992 a memo outlining a follow-up meeting to the midterm review set deadlines for meeting the bond adjustment and deficiencies. It was decided that the operator had until November 23, 1992 to post the bond and submit a schedule for meeting the deficiencies outlined in the review.

On November 25, 1992 the Division granted approval for an extension to January 22, 1992 for bond adjustment. The schedule for submitting permit deficiencies was received at the Division and is under review.

The Dryer Pond Expansion mentioned in the October inspection has not been approved by the Division.

Fines report was received at the Division for the months of September-October, October - November. In September the operator collected information to determine the volume of fines in the pond. This information should appear in the upcoming certified reports for the pond where the operator currently indicates it is unknown. The operator has some concern that this information remains confidential. The operator should follow the R645 regulations, and GRAMMA act to address the process to handle confidential materials.

2. SIGNS AND MARKERS

The operator has updated the signs and markers surrounding the properties. Signs were noted at the east and west entrance to the permit area. Signs were noted at the upper fine slurry cell and the coarse refuse pile. The new address and phone number now reads P.O. Box 1282 Huntington Utah, 84528 (801)-687-9813.

4. HYDROLOGIC BALANCE:

a. DIVERSIONS

The two 36" culverts identified in the September inspection were observed. The operator indicated the contractors doing the culvert clean out tried to get all sediment removed. A large problem with the site is that the original levels of the culverts were at one time at grade or above grade with the ditches. The current regulations allow smaller ditch sizing due to the change in design flows. The operator should have noted the inlet and outlet elevations on the culverts in the plan designs. Gradients should be sufficient to maintain all flows in the proper direction and prevent backwater from collecting in the culverts.

Ditches adjacent to the road at the slurry pipeline received a large event recently. This event washed out the rubber tires that were previously placed within the ditch. The operator has placed a configuration similar to a check dam within the drainage. This configuration is not tied into the bottom or the side of the ditch properly. The boulders used are not adequately graded,

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(Continuation sheet)

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PERMIT NUMBER: ACT/007/012

DATE OF INSPECTION: 11/24/92

(Comments are Numbered to Correspond to Topics Listed on Page 1)

they are all approximately the same size, and round. The addition of the structures in the ditch is not presently part of their approved plan. The operator should submit an amendment to the plan or remove the structures.

b. **SEDIMENT PONDS AND IMPOUNDMENTS**

MSHA impoundments were inspected from 9/4/92 weekly through 11/20/92. Quarterly pond inspections were received at the Division on October 30, 1992 for the 3rd quarter.

c. **OTHER SEDIMENT CONTROL MEASURES**

ASCA #7 remains a constant maintenance problem the operator should present an amendment to the plan with an alternative to the method presently used to treat the area.

d. **WATER MONITORING**

The surface water site shows Oil and Grease, and dissolved Iron as a tested parameter but does not include them on the water monitoring report page for SW-1 SW-2 does not have Oil and Grease identified. These values are submitted but should be included in the monitoring report especially for annual submittal on computer disk. Some parameters are also missing in the groundwater report sheets.

Ground water sample GW-2 was not obtained because mud was encountered at 27' 8". Evidently a large amount of solids were present in GW-3. GW-1 the water table raised 1' and GW-3 raised 4.4'. It should be noted the operators value in the program is 15.7 (which indicates ft.) on the data sheet this value is 15 ft. and 17 in. The operator should be sure all input is in the correct units and the units clearly identified on the form. GW-13 had an extremely high iron content (92.58 total and 73.2 dissolved). The operator is requested to collect another sample at this site and report the value to the Division promptly after receipt of the sample. GW-10 also increased in iron concentration. Additionally the water level raised 2' in GW-13 and GW-7, and approximately 4' in GW-9, GW-10 decreased 2' and GW-6 decreased 7'.

e. **EFFLUENT LIMITATIONS**

UPDES permit UT6040010 issued February 7, 1992 expires April 30, 1993. No discharges were reported.

7. **COAL MINE WASTE/REFUSE PILES/IMPOUNDMENTS**

The operator recently dug test pits to determine the coarse refuse material characteristics and complete a toxicity test. The pits were approximately 15' deep and did not appear to reach native soils. One pit was reasonably close to the county road. This observation presents a question as to whether the county road was built on the coarse refuse.

8. **NONCOAL WASTE**

No changes to usual operations noted.

9. **PROTECTION OF FISH, WILDLIFE AND RELATED ENVIRONMENTAL VALUES**

During inspection of the pumphouse, near the clear water pond, I noted two wells open

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(Comments are Numbered to Correspond to Topics Listed on Page 1)

to the water table one well is located adjacent to and south of the pumphouse and covered with a metal rectangular lid. The other is north of the pumphouse and is not enclosed. These areas are not addressed in the plan, nor are they part of the monitoring regime. These areas should be sampled for the full parameter list then submitted to the Division promptly. An amendment/or technical deficiency response presenting information in the PHC and permit should also be received by the Division.

16. **ROADS:**

a. **CONSTRUCTION/MAINTENANCE/SURFACING**

No road maintenance occurred during my visit. The operator was loading trains, but no trucks were noted at the mine site.

17. **OTHER TRANSPORTATION FACILITIES**

On September 30 1992 the Division received the agreement CVR made with Denver & Rio Grande Western Railroad company. This document has indicates the owner granted the railroad right-of-way and responsibility for culvert maintenance. However, the operator is still liable for those culverts that function as part of the mining and reclamation plan (i.e. all culverts identified in the plan or pertinent to the plan).

19. **AVS CHECK**

On September 04, 1992 the Division received a response to the letter submitted May 28, 1992 clarifying the legal financial questions. The operator indicated an additional authorized representative to be Jay Marshall, Genwal Coal Company. On september 11, 1992 the Division received a notice of address change (that currently indicated on the signs).

20. **AIR QUALITY PERMIT**

The operator has recently submitted a new Air Quality NOI and received a new permit which was issued on October 28, 1992. The permit allowed an increase in throughput. A copy of the approval order (AO) is supposed to be posted at the site. The AO was not available at the site. The operator indicated it would be sent to the site that day.

21. **BONDING & INSURANCE**

The current surety Bond #5612986C effective 10/01/92 expires 10/01/93. Insurance Policy 3710-3989 expires 1-1-93.

Copy of this Report:

Mailed to: Bernie Freeman (OSM), Larry Johnson (CVR)

Given to: Joe Helfrich (DOGM), Daron Haddock (DOGM)

Inspector's Signature: Sharon Falvey

#38 Date: 12/1/92



State of Utah

INSPECTION REPORT

Day
John

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

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Division Director

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340

Partial: X Complete: Exploration:
Inspection Date & Time: 10/21/92, 08:30-11:30
Date of Last Inspection: 9/24/92

Mine Name: Wellington Preparation Plant County: Carbon Permit Number: ACT/007/012
Permittee and/or Operator's Name: Castle Valley Resources
Business Address: P.O. Box 1201; Huntington UT 84528
Type of Mining Activity: Underground Surface Prep. Plant X Other
State Official(s): Priscilla Burton
Company Official(s): Candy Manzanares (CVR), Larry Johnson (Genwal Coal Co.)
Federal Official(s): none present
Weather Conditions: cool, overcast, drizzle
Existing Acreage: Permitted- 1720 Disturbed- 356 Regraded- 1.5 Seeded- 1.5 Bonded- 469
Increased/Decreased: Permitted- Disturbed- Regraded- Seeded- Bonded-
Status: Exploration/ X Active/ Inactive/ Temporary Cessation/ Bond Forfeiture
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14. SUBSIDENCE CONTROL	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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16. ROADS:				
a. CONSTRUCTION/MAINTENANCE/SURFACING	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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INSPECTION REPORT

(Continuation sheet)

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PERMIT NUMBER: ACT / 007 / 012

DATE OF INSPECTION: 10/21/92

(Comments are Numbered to Correspond with Topics Listed Above)

1. PERMITS, CHANGE, TRANSFER, RENEWAL, SALE

The Dryer Pond Expansion construction has not begun (see Drwgs 712 e and 712g). The permittee is waiting for written consent from the Rail Road prior to working within the Rail Road Right-Of-Way.

The Moisture Separation Test (approved 5/18/92) has not been conducted.

DWG 4067-6-8A was found to have outdated information concerning the location of test plots and coal storage. It was suggested that this drawing be revised or discarded from the MRP, as the information contained on this drawing has been superceded by DWG 4067-6-21 and DWG 4067-6-10A. The present test plot locations are indicated as enclosures on DWG E9 3341.

3. TOPSOIL

Topsoil piles 1, 2 and 3 were observed (DWG 4067-6-10A). Little to no growth was observed on any pile. Piles were protected with berms.

4. HYDROLOGIC BALANCE:

a. DIVERSIONS

Diversions DD3 and DD4 (locations shown on DWG 4067-6-10A) were evaluated and compared with cross sections (shown on DWG 4067-6-21). At the time of the inspection, the culvert had been cleared of debris and an overexcavation of the ditch at the upstream and downstream ends of the culvert left a small depression or stilling basin (approximately 2.5' deep) before and after the culvert. The consequences of holding water adjacent to the road bed and the railroad embankment were discussed. Surface flow remains within the disturbed area, although it may not report to the pond in low precipitation events. Ditch profiles were reviewed with Mr. Manzanares and Mr. Johnson.

b. SEDIMENT PONDS AND IMPOUNDMENTS

Of the 4 ponds at the surface facilities area (E9-3341), only the southern end of the auxiliary pond (DWG C9-1285) contained water. Cattails were noted at this end of the pond. Mr. Manzanares stated that the water in the pond originated from the annual wash-down of the Plant.

PERMIT NUMBER: ACT / 007 / 012

DATE OF INSPECTION: 10/21/92

(Comments are Numbered to Correspond with Topics Listed Above)

b. SEDIMENT PONDS AND IMPOUNDMENTS, cont'd.

The Track Hopper/RawCoal Conveyor (E9-3341), an underground structure, contained water. The piezometric surface was approximately 15-20' below the surface. Mr Manzaneres stated that the Hopper was approximately 90' deep. This water has been noted by previous inspectors and was sampled by S Falvey. Mr. Johnson expressed interest in receiving the sample analysis report from S Falvey.

7. COAL MINE WASTE/REFUSE PILES/IMPOUNDMENTS

The 1992 sediment pond clean out material was added to the surface of the coarse refuse pile. Mr. Johnson stated that the material has been spread over the waste rock from 2-4' deep. It was suggested that some contemporaneous reclamation of this cover material should be conducted this Fall.

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: Bernie Freeman (OSM), Larry Johnson (Genwal Coal Co.)

Given to : Joe Helfrich, Daron Haddock (DOGM)

Inspector's Signature:  #37 Date: 10/27/92