



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

INSPECTION REPORT

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)

Michael O. Leavitt  
Governor  
Lowell P. Braxton  
Division Director

Partial:\_\_\_ Complete: XXX Exploration:\_\_\_  
Inspection Date & Time: 8/6/99 / 7:00a.m.-10:30a.m.  
Date of Last Inspection: 7/28/99

Mine Name: Crandall Canyon Mine County: Emery Permit Number: ACT/015/032  
Permittee and/or Operator's Name: Genwal Resources, Inc.  
Business Address: P.O. Box 1420, Huntington, Utah 84528  
Type of Mining Activity: Underground XXX Surface\_\_\_ Prep. Plant\_\_\_ Other\_\_\_  
Company Official(s): Gary Gray  
State Officials(s): Stephen J. Demczak Federal Official(s): None  
Weather Conditions: Clear, 70's  
Existing Acreage: Permitted- 5049 Disturbed- 10.20 Regraded- .5 Seeded- .5 Bonded- 10.20  
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.

	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 checked="" 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 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 type="checkbox"/>	<input type="checkbox"/>
7. COAL MINE WASTE/REFUSE PILES/IMPOUNDMENTS	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input 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 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 checked="" 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 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**  
(Continuation sheet)

Page 2 of 4

PERMIT NUMBER: ACT/015/032

DATE OF INSPECTION: 8/6/99

(Comments are Numbered to Correspond with Topics Listed Above)

**1. PERMIT-**

A Genwal permit was reviewed on the permit renewal that was held May 8, 1998. The midterm review will be approximately in October of the year 2000.

The Division is currently reviewing an Incidental Boundary Change of 50 Acres. This change will allow for maximum coal recovery of the reserve. This land is under federal lease.

The permittee has received approval from the Division on an update of the surface facility map.

**2. SIGNS AND MARKERS -**

Identification signs meet the requirements of the R645 Coal Rules.

The perimeter markers were spot-checked and are located around the perimeter of the disturbed areas. The permittee has stream buffer zone signs placed within the disturbed area. Topsoil ID signs are located on the topsoil piles as required in the R645 Coal Rules.

**3. TOPSOIL -**

The topsoil piles were inspected with no signs of wind or water erosion. These piles are protected by berms and/or silt fences.

Topsoil pile #4 was hydro-mulched in the fall. Grasses have started to grow on the topsoil pile.

**4A. DIVERSIONS -**

The diversions were spot-checked and were found to comply with the requirements of the Mining and Reclamation Plan and the R645 Coal Rules performance standards. Sediment has recently been cleaned out of several diversions.

**4B. SEDIMENT PONDS -**

The sediment pond was not discharging during the inspection and could potentially discharge in the near future either from the mine or pond itself. The ponds did contain water. There were no signs of any hazardous conditions occurring to the sediment ponds during the inspection. The Annual Sediment Pond inspection was on December 10, 1998.

**INSPECTION REPORT**  
(Continuation sheet)

Page 3 of 4

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The sediment ponds were inspected for the second quarter by the permittee. There was no report of hazardous conditions. This was inspected on June 30, and July 20, 1999.

**4C. OTHER SEDIMENT CONTROL MEASURES -**

Genwal Mine uses straw bales, silt fences, and berms as its alternate sediment control measures. These areas were spot-inspected and complied with the R645 Coal Rules. Work on the silt fences was being performed during the inspection.

**4D. WATER MONITORING -**

Water monitoring for the first quarter was reviewed and was found to be complete. Parameters were checked for ground and surface waters. All parameters were taken as required in the plan.

**4E. EFFLUENT LIMITATIONS -**

NPDES samples were taken for second quarter. These samples were below limits.

The NPDES Permit UT0024368 by Water Quality was issued on 9/1/95 and will expire on 8/31/2000. There are two point sources which are 001A (6 inch discharge pipe of the North side of sediment pond) and 002A (4 inch line on the North side of sediment pond).

There were no compliance issues for second quarter of 1999.

**5. EXPLOSIVES -**

There are explosive's boxes on the property which are located on the upper end of the disturbed area. There were no explosives used during second quarter.

**8. NON-COAL WASTE -**

The area was clear of non-coal waste material. This material is being stored in dumpsters and concrete storage bins.

The SPCC Plan was last evaluated on 10/18/96 and is P.E. certified. This plan will need to be reviewed this year by a P.E.

**10 SLIDES -**

The permittee contacted the PFO of a slide on June 6, 1999. The slide was at the South west corner of the disturbed area of the mine site (supply yard). The effected area was 10

**INSPECTION REPORT**  
(Continuation sheet)

Page 4 of 4

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feet wide, 5 feet deep, and 20 feet high. The permittee will be submitting an amendment next week for this area.

**14. SUBSIDENCE -**

The subsidence survey was taken in the fall 1998, via aircraft. The annual report has the subsidence data.

**18. SUPPORT FACILITIES -**

During the field inspection, no new structures were added for July.

**20. AIR QUALITY -**

The permittee is complying with the Air Quality Permit. The Air Quality permit DAQE-97 was issued on August 20, 1997 with a four million tons production limit.

**21. BONDING AND INSURANCE -**

The bonding is set at \$1,654,000. The policy is a surety bond from American Home Assurance Co. The permittee has 10.7 acres of disturbed area and 5195.8 acres permitted. The reclamation agreement needs to be updated to reflect the correct acreage.

The insurance accord form was inspected and meets the requirements of the R645 Coal Rules. Explosives are included in the accord form. The insurance accord form meets the requirements of the R645 Coal Rules. This policy will expire on 7/31/00. The policy X0229A1A98 has been issued by Associated Electric and Gas Insurance Service Limited.

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: Gary Gray (Genwal)

Henry Austin (OSM)

Given to: Joe Helfrich (DOGM)

Filed to: Price Field Office

Date: August 9, 1999

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

Stephen J. Demczak  
Stephen J. Demczak

#39