E01
Reg Safety Health Insp.
07-05-2006 - 09-22-2006
# Mine Activity Data

<table>
<thead>
<tr>
<th>1. Action</th>
<th>a. New Entry</th>
<th>b. Update</th>
</tr>
</thead>
<tbody>
<tr>
<td>4. Date Event</td>
<td>7/5/2006</td>
<td></td>
</tr>
<tr>
<td>Started</td>
<td></td>
<td></td>
</tr>
<tr>
<td>7a. Organization Code</td>
<td>20905</td>
<td></td>
</tr>
<tr>
<td>(Mine Assignment)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>8a. Organization Code</td>
<td>20905</td>
<td></td>
</tr>
<tr>
<td>(AR Assignment)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>11. Report Type</td>
<td></td>
<td></td>
</tr>
<tr>
<td>a. First</td>
<td></td>
<td></td>
</tr>
<tr>
<td>b. Interim</td>
<td></td>
<td></td>
</tr>
<tr>
<td>c. Last</td>
<td></td>
<td></td>
</tr>
<tr>
<td>d. Not Applicable</td>
<td>✔️</td>
<td></td>
</tr>
<tr>
<td>c. Quitby</td>
<td>✔️</td>
<td></td>
</tr>
<tr>
<td>d. Shafts/Slopes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>e. Surface Areas</td>
<td>✔️</td>
<td></td>
</tr>
<tr>
<td>(UG)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>f. Surface Workings</td>
<td></td>
<td></td>
</tr>
<tr>
<td>g. Company Records</td>
<td></td>
<td></td>
</tr>
<tr>
<td>h. Work Group</td>
<td></td>
<td>01</td>
</tr>
<tr>
<td>i. Impoundment</td>
<td></td>
<td></td>
</tr>
<tr>
<td>j. Construction</td>
<td>(1) Shaft/ 0</td>
<td></td>
</tr>
<tr>
<td>k. Sinking</td>
<td>Slope</td>
<td></td>
</tr>
<tr>
<td>l. Miscellaneous</td>
<td></td>
<td></td>
</tr>
<tr>
<td>m. MMU/Pit Number</td>
<td>009</td>
<td></td>
</tr>
</tbody>
</table>

| 13. Number of Samples Collected | a. Air    | 1 |
|                                  | b. Rock Dust | 1 |
|                                  | c. Rock Dust Survey | 0 |
|                                  | d. Respirable Dust | 0 |
| 15. Prime Independent Contractor Codes (Major Construction) |
| 16. Inspection Results |
| a. This Inspection |
| (1) New Issuances | 35 |
| (2) Terminations/Vacations | 35 |
| (3) Modifications/Extensions | 4 |
| (4) Left Pending |
| b. Previously Issued |
| (1) Modifications/Extensions |
| (2) Terminations/Vacations |

| 17. Remarks: |
| Card Number |
| 23988 |
| 23799 |

MSHA Form 2000-22. Oct. 85 (Revised) Previous editions are Obsolete
### Mine Activity Data

1. **Action:**
   - a. New Entry [ ]
   - b. Update [ ]

2. **Activity Code:** E01

3. **Event Number:** 4476247

4. **Date Event Started:** 7/5/2006

5. **Date Event Finished:**

6. **Mine ID:** 42-01715

7. **Organization Code (Mine Assignment):** 20905
   - a. Work Group Identifier: 01

8. **Organization Code (AR Assignment):** 20905
   - a. Work Group: 01

9. **Company Name:** UTAHAMERICAN ENERGY

10. **Mine Name:** CRANDALL CANYON MINE

11. **Report Type:**
    - a. First [ ]
    - b. Interim [ ]
    - c. Last [ ]
    - d. Not Applicable [ ]
    - e. Active Sections: 1
    - f. Idle Sections: 0
    - g. Area of Inspections:
      - a. Active Sections: 1
      - b. Idle Sections: 0
      - i. Impoundments [ ]
      - j. Refuse Piles [ ]

12. **Outby Areas (UG):**
    - a. First [ ]
    - b. Interim [ ]
    - c. Last [ ]
    - d. Not Applicable [ ]

13. **K. Major Construction:**
    - a. Shaft/ Sinking: 0
    - b. Impoundment: 0
    - c. Buildings: 0
    - d. Dragline/ Shovel: 0
    - e. Other: 0
    - f. Miscellaneous: 0

14. **Number of Samples Collected:**
    - a. Air Samples: 0
    - b. Rock Dust Spot: 1
    - c. Rock Dust Survey: 0
    - d. Respirable Dust: 0
    - e. Noise: 0
    - f. Other: 0

15. **Prime Independent Contractor Codes (Major Construction):**

16. **Inspection Results:**
    - a. This Inspection
    - b. Previously Issued
      - (1) Modifications/Extensions: 0/0
      - (2) Terminations/Vacations: 0/3

17. **Remarks:**
    - Traveled return and inspected return seals.

18. **Signature and Card Number of Authorized Representative/ Right of Entry Person(s) Responsible for Activity:**
    - a. Signature:
    - b. Card Number: 23988
    - c. 24125

19. **Key Entered By:**

---

*MSHA Form 2000-22. Oct. 85 (Revised) Previous editions are Obsolete*
<table>
<thead>
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<th>Sun</th>
<th>Mon</th>
<th>Tue</th>
<th>Wed</th>
<th>Thur</th>
<th>Fri</th>
<th>Sat</th>
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<tbody>
<tr>
<td>Week 1 7/23/2006</td>
<td></td>
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<td>✔️</td>
<td>✔️</td>
<td>✔️</td>
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</tbody>
</table>
# Mine Activity Data

**1. Action:**
- a. New Entry [ ]
- b. Update [✓]

**2. Activity Code:**
- E01

**3. Event Number:**
- 4476247

**4. Date Event Started:**
- 7/5/2006

**5. Date Event Finished:**
- (Blank)

**6. Mine ID:**
- 42-01715

**7a. Organization Code (Mine Assignment):**
- 20905

**b. Work Group Identifier:**
- 01

**9. Company Name:**
- GENWAL RESOURCES INC

**8a. Organization Code (AR Assignment):**
- 20905

**b. Work Group:**
- 01

**10. Mine Name:**
- CRANDALL CANYON MINE

**11. Report Type (check):
**
- a. First [✓]
- b. Interim [ ]
- c. Last [ ]
- d. Not Applicable [ ]

**12. Area of Inspections:***
- a. Active Sections [ ]
- b. Idle Sections [ ]
- c. Surface Workings [✓]
- d. Surface Areas (UG) [ ]
- e. Company Records [ ]
- f. ATP [ ]
- g. Impoundments [ ]
- h. Refuse Piles [ ]

**13. Number of Samples Collected:**
- a. Air Samples [ ]
- b. Rock Dust Spot [ ]
- c. Rock Dust Survey [ ]
- d. Respirable Dust [ ]
- e. Noise [ ]
- f. Other [ ]

**14. Impoundments/Refuse Piles:**
- a. Number [ ]
- b. FHC [ ]
- c. Configuration [ ]

**15. Prime Independent Contractor Codes (Major Construction):**

**16. Inspection Results:**
- a. This Inspection:
  - (1) New Issuances [ ]
  - (2) Terminations/Vacations [ ]
  - (3) Modifications/Extensions [ ]
  - (4) Left Pending [ ]

**17. Remarks:**

**18. Signature and Card Number of Authorized Representative/Right of Entry Person(s) Responsible for Activity:**
- **Signature**
- **Card Number:**
  - 23988

**19. Key Entered By**
- **Date**

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MSHA Form 2000-22. Oct. 85 (Revised) Previous editions are Obsolete
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<th>Wed</th>
<th>Thur</th>
<th>Fri</th>
<th>Sat</th>
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<td>1 2 3</td>
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</tbody>
</table>
Mine Activity Data

1. Action: 
   a. New Entry  
   b. Update  
2. Activity Code:  E01  
3. Event Number: 4476247  
6. Mine ID: 42-01715  
4. Date Event Started: 7/5/2006  
5. Date Event Finished:  
7a. Organization Code (Mine Assignment)  20905  
9. Company Name  GENWAL RESOURCES INC  
8a. Organization Code (AR Assignment)  20905  
10. Mine Name  CRANDALL CANYON MINE  
11. Report Type (check)  
   a. First  
   b. Interim  
   c. Last  
   d. Not Applicable  
   c. Outby Areas  
   d. Shafts/ Slopes  
   e. Surface Areas (UG)  
   f. Surface Workings  
   g. Company Records  
   h. ATP  
   i. Impoundments  
   j. Refuse Piles  
   k. Major Construction  
      (1) Shaft/ Slope Sinking  
   m. MMU/Pit Number  (1) 009  
   n. Air Samples  
   o. Rock Dust Spot  
   p. Rock Dust Survey  
   q. Respirable Dust  
   r. Noise  
   s. Other  
13. Number of Samples Collected  
   a. Air Samples  
   b. Rock Dust Spot  
   c. Rock Dust Survey  
   d. Respirable Dust  
   e. Noise  
   f. Other  
14. Impoundments/Refuse Piles:  
   a. Number  
   b. FHC  
   c. Configuration  
15. Prime Independent Contractor Codes (Major Construction)  
16. Inspection Results  
   a. This Inspection  
      (1) New Issuances  11  
      (2) Terminations/Vacations  10/0  
      (3) Modifications/Extensions  0/1  
      (4) Left Pending  1  
   b. Previously Issued  
      (1) Modifications/Extensions  0/0  
      (2) Terminations/Vacations  0/0  
17. Remarks:  
   Surface electrical inspection Electrical inspection on MMU 009  
18. Signature and Card Number of Authorized Representative/ Right of Entry Person(s) Responsible for Activity  
   Card Number  23988  
   24125  
19. Key Entered By  
   Date  

File this with Original Report  
866/06  

MSHA Form 2000-22. Oct. 85 (Revised) Previous editions are Obsolete
1. Action:
a. New Entry [ ]
b. Update [✓]

2. Activity Code: E01

3. Event Number: 4476247

4. Date Event Started: 7/5/2006

5. Date Event Finished: 

6. Mine ID: 42-01715

7a. Organization Code (Mine Assignment): 20905

8a. Organization Code (AR Assignment): 20905

b. Work Group Identifier: 01

9. Company Name: GENWAL RESOURCES INC

10. Mine Name: CRANDALL CANYON MINE

11. Report Type (check):
   a. First [ ]
   b. Interim [✓]
   c. Last [ ]
   d. Not Applicable [ ]

12. Area of Inspections:
a. Active Sections [ ]
b. Idle Sections [ ]

13. Number of Samples Collected:
a. Air Samples [ ]
b. Rock Dust Spot [ ]
c. Rock Dust Survey [ ]
d. Respirable Dust [ ]
e. Noise [ ]
f. Other [ ]

14. Impoundments/Refuse Piles:
a. Number [ ]
b. FHC [ ]
c. Configuration [ ]

15. Prime Independent Contractor Codes (Major Construction):

16. Inspection Results:
   a. This Inspection
      (1) New Issuances [ ]
      (2) Terminations/Vacations [ ]
      (3) Modifications/Extensions [ ]
      (4) Left Pending [ ]
   b. Previously Issued
      (1) Modifications/Extensions [ ]
      (2) Terminations/Vacations [ ]

17. Remarks:
Inspect electrical components of underground belt line.

18. Signature and Card Number of Authorized Representative/Right of Entry Person(s) Responsible for Activity
   a. Card Number: 23988
   b. Card Number: 24125

19. Key Entered By
   a. Signature
   b. Date 

MSHA Form 2000-22. Oct. 85 (Revised) Previous editions are Obsolete
## Mine Activity Data

1. **Action:**
   - a. New Entry [ ]
   - b. Update [ ]

2. **Activity Code:** E01

3. **Event Number:** 4476247

4. **Date Event Started:** 7/5/2006

5. **Date Event Finished:**

6. **Mine ID:** 42-01715

7. **Organization Code (Mine Assignment):** 20905
   - a. Work Group Identifier: 01

8. **Organization Code (AR Assignment):** 20905
   - a. Work Group: 01

9. **Company Name:** GENWAL RESOURCES INC

10. **Mine Name:** CRANDALL CANYON MINE

11. **Report Type (check):**
    - a. First [ ]
    - b. Interim [ ]
    - c. Last [ ]
    - d. Not Applicable [X]

12. **Area of Inspections:**
    - a. Active Sections [ ]
    - b. Idle Sections [ ]

13. **Outby Areas:**
    - a. Shafts/Slopes [ ]
    - b. Surface Areas (UG) [ ]
    - c. Surface Workings [ ]

14. **Major Construction:**
    - a. Shaft/Slope Construction [ ]
    - b. Impoundment Construction [ ]
    - c. Buildings [ ]
    - d. Dragline/Shovel [ ]
    - e. Other [ ]

15. **Prime Independent Contractor Codes (Major Construction):**

16. **Inspection Results**
    - **Citations**
      - a. This Inspection
        - (1) New Issuances: 3
        - (2) Terminations/Vacations: 5/0
        - (3) Modifications/Extensions: 0/0
        - (4) Left Pending: 0
      - b. Previously Issued
        - (1) Modifications/Extensions: 0/0
        - (2) Terminations/Vacations: 2/0

17. **Remarks:**
    - Surface electrical inspection. Electrical inspection on MMU 009

18. **Signature and Card Number of Authorized Representative/Right of Entry Person(s) Responsible for Activity**
    - Card Number:
      - 23988
      - 24125

19. **Key Entered By**
    - Date: 8/30/06

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**MSHA Form 2000-22. Oct. 85 (Revised) Previous editions are Obsolete**
Mine Information Form

Mine Safety and Health Administration

New [All fields are required]
Change [The Mine ID Number is required, otherwise fill out only those fields that have changed]

1. MSHA Mine ID Number: 12-01715
2. Operating Company Name: UTAH AMERICAN ENERGY, INC
3. Mine or Mill Name: GRAND CANYON MINE

<table>
<thead>
<tr>
<th>3a. Mine Emergency Phone No:</th>
<th>4a. Type of Operation:</th>
<th>5a. Portable Operation:</th>
<th>6a. Primary Mine Type:</th>
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<tbody>
<tr>
<td></td>
<td>Coal</td>
<td>Metal/Metal</td>
<td>Underground</td>
</tr>
<tr>
<td></td>
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</tr>
</tbody>
</table>

7. MSHA Office Code: 8a. Work Group: 
8b. Travel Area: 
9. Nearest Town, Landmark, or Post Office: 
10. County Name Where Mine Is Located: 
11. State Abbreviation: 
12. Compl. Cu. (Coal Only): 
13. Mileage from Field Office: 
14. Directions to Operation from Field Inspection Office: 

15. Total Employees: 60
16. Schedule of Operation:
   a. Hours per Production Shift: 7
   b. Production Shifts per Day: 3
   c. Maint. Shifts per Day: 3
   d. Work Days per Week: 7

17. Longitude and Latitude (Coal Only):
   a. Longitude: Degrees: Minutes: Seconds:
   b. Latitude: Degrees: Minutes: Seconds:


19. Status Date (mm/dd/yyyy): __/__/____

20. Types of Minerals being Extracted or Processed:
   a. Primary Commodity: Secondary Commodity (Optional):
   c. Other Commodities (Optional):

21. Mine Characteristics:
   a. Applicable to ALL Mines (check all that apply):
      Auger: Drudge: Laboratory: Mill/Prep Plant/ Loading Dock: Open Pit/Strip: Shop or Yard: Remaining Cull Bank/ Refuse Pile/Tailings:
   b. Applicable to Coal Mines Only:
      Underground: Longwall: Longwall:
      Highwall Miners: 
      Shaft: Stopes: Heap Leaching: In-situ Leaching: Room and Pillar:
   c. Applicable to Metal and Non-metal Mines Only:
      Adit: Block Caving: Cut and Fill: Dimension: Quarry: Longwall:

22. Other Mine Information:
   a. Applicable to All Mines (check all that apply):
      103(i) Status: Ignition: Hazard: 6 Day: 10 Day: 15 Day: Removed: Date Entered: Date Entered: 103(i) Status: (mm/dd/yyyy):
      Explosives Used: Explosives Stored on Surface: Explosives Stored Underground: Treasury Permit License:
      Government Owned: Government Operated: Mine Rescue Station at Mine: Safety Committee at Mine: Methane Liberation:
   b. Applicable to Coal Mines Only:
      No. of Producing Faces: No. of Non-Producing Faces: No. of Drift Openings: No. of Slope Openings: No. of Shaft Openings: Coal Production: Surface Mines: CH4/02 Tests Required:
      Primary Coal Bed Name: Avg. mine Height (inches):
   c. Applicable to Metal and Nonmetal Mines Only:
      Mine Gas Category: Number of Impoundments: No. of Escapeways to Surface: No. of Hoists: No. of Refuse Chambers:
      Metal Refining as Part of Miling: Retort: Roaster: Mechanical Ventilation for Underground Mine: Natural Ventilation for Underground Mine:

MSHA Form 2000-209 (1 of 2), December 2002
P R I C E


Tool Control (briefly describe)

☑ Adequate

☐ Deficiencies In Plan

Ventilation (briefly describe)

☑ Adequate

☐ Deficiencies In Plan

Issuing Inspector Signature Date Supervisor Signature Date

Signature 9-25-06 Signature 9-26-06
Rock Dust Sample Submission Form

Collector: Richard J. Boyle (24125)
Inspector Email: boyle.richard@dol.gov

Field Office: Price Utah
Supervisor Email: Farmer.Ted@dol.gov

F. O. Code: 9050
Clerk Email: Beacco.Alice@dol.gov

MINED: CRANDALL CANYON MINE
Company: UTAHAMERICAN ENERGY

Mine ID: 42-01715
Event Number: 4476247

401-0 (A)
No

Sampling Area: 2 X cuts out by main north #1 seal
Zero Point: 2X cuts out by main north #1 seal

Collector’s Comments

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<th>Lab Number</th>
<th>Bag Number</th>
<th>Sample Type</th>
<th>Location in Mine</th>
<th>Intake Return</th>
<th>Handheld CH4</th>
<th>Bottle No (if App.)</th>
<th>Bottle Analysis</th>
<th>Dust Analysis</th>
<th>Required</th>
<th>Compliant</th>
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<td>700920</td>
<td>a-1</td>
<td>Floor</td>
<td>2 x cuts out by #1 Main north seal</td>
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<td>0.0</td>
<td>75.6</td>
<td>80</td>
<td>No</td>
<td></td>
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For Laboratory Use Only

Date Received: 09-14-2006
Lab Numbers: 700920 to 700920

Date Emailed: 09-19-2006

SURVEY IS NON-COMPLIANT

MSHA Form 2000-156, Jun 81 (revised)

9/19/2006
**Self-Rescuer Survey Data Form**

**U.S. Department of Labor**  
Mine Safety and Health Administration

1. Dates of Survey: Start: 9/18/04, End: 9/18/04

2. MSHA Office Code: 905

3. Inspector's AR Number: 23277

4. Supervisor Initial: 010F

5. Mine ID Number: 42-01715

6. Mine Name: **Canyon Mine**

7. Company Name: **Utah American**

8. Total Number of Underground Miners, Including Contractor Employees: 108; and By Shift:
   (a) Midnight/Owl/1st: 15 Start Time: 10:00 AM Quit Time: 6:00 AM
   (b) Day/2nd: 18 Start Time: 6:00 AM Quit Time: 2:00 PM
   (c) Alt/Eve/3rd: 15 Start Time: 2:00 PM Quit Time: 10:00 PM
   (d) Staggered/Overlapping/Extended Shifts: enter maximum number of miners underground at any given time: 33; and average length of shift in hours: 8 Hrs.
   (e) Scheduled production days: 1)Mon. 2)Tue. 3)Wed. 4)Thur. 5)Fri. 6)Sat. and 7)Sun.

9. For each type of self-rescue device provided for use at the mine, enter the quantity in the appropriate block:
   (a) CSE: SR-100 SCSR Quantity: 150
   (b) MSA: Life Saver 60 SCSR Quantity: _____
   (c) Draeger: OXY K Plus SCSR Quantity: _____
   (d) Oencro: EBA 6.5 SCSR Quantity: _____
   (e) MSA: W65 FSR Quantity: _____
   (f) Oencro: M-20 SCSR Quantity: _____
   (g) Other: Specify ______

10. Is a record available at the mine to document that the mine operator is conducting the required 90-day inspections on each of the self-rescue devices provided for use at the mine? ☒ N _

11. Does the mine have an approved SCSR storage plan in effect allowing miners to be further than 25 feet from their 1-hour SCSR? Y ☒ If Yes:
   (a) distance from the face to the storage cache in feet: _ _ ft.; and
   (b) are devices stored in accordance with the manufacturer's approved requirements? Y _ N _

---

Side 1 of 2

MSHA Form 2000-220  
(October 2000 Revised)
12. Are self-rescue devices stored on mining equipment? Y _ N _ If Yes, check each appropriate block to identify the type of mining equipment. Further, using Items 9 (a) through (g) above, identify the type of self-rescue devices observed on the mining equipment.

<table>
<thead>
<tr>
<th>Type(s) Of Mining Equipment</th>
<th>Type(s) Of Self-Rescue Devices</th>
</tr>
</thead>
<tbody>
<tr>
<td>(a) Continuous Miner</td>
<td>_ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _</td>
</tr>
<tr>
<td>(b) Shuttle Car</td>
<td>_ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _</td>
</tr>
<tr>
<td>(c) Roof Bolter</td>
<td>_ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _</td>
</tr>
<tr>
<td>(d) Scoop Car</td>
<td>_ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _</td>
</tr>
<tr>
<td>(e) Longwall Shield</td>
<td>_ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _</td>
</tr>
<tr>
<td>(f) Personnel Carrier</td>
<td>_ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _</td>
</tr>
<tr>
<td>(g) Locomotive</td>
<td>_ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _</td>
</tr>
<tr>
<td>(h) Other: Specify</td>
<td>_ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _</td>
</tr>
</tbody>
</table>

Are Self-Rescue Devices:
(i) Secured on the mining equipment? Y _ N _
(j) Protected from accidental damage? Y _ N _ and
(k) Left on equipment between shifts? Y _ N _

13. What is the average mining height, in inches, of the primary escapeway? _56_ inches.

14. Using the primary escapeway what is the distance, in feet, from the deepest working section in the mine to the surface or bottom of an emergency escape facility? _1600_ feet.

15. Does the mine provide SCSRs at strategic locations for the purpose of providing protection to the surface or a safe location? Check V _ N _ If yes: (a) is the location of these SCSRs approved by the district manager? Y _ N _

Comments:
_________________________________________________________________________________
_________________________________________________________________________________
_________________________________________________________________________________
_________________________________________________________________________________
_________________________________________________________________________________
_________________________________________________________________________________
_________________________________________________________________________________
_________________________________________________________________________________

Side 2 of 2

MSHA Form 2000-220 (October 2000 Revised)
## Report of Violations

**Instructions**

Please write firmly with a ball point pen when completing this form. ATF officers will prepare this form in triplicate. The original copy will be given to the proprietor or a responsible representative. The remaining copies will be submitted with the completed inspection report. Supervisors will detach one copy from the completed report for their files.

### Name of Proprietor
Crandall Canyon Mine

### Street Address
Huntington Canyon

### City
Huntington

### State
Utah

### ZIP Code
84528

### County
Emery

### License/Permit/Registry Number (if any)

### Expiration Date

### Date(s) or Period of Inspection
09/11/2006

### Inspection Results

An examination of your premises, records and operations has disclosed the following violations which have been explained to you:

<table>
<thead>
<tr>
<th>Number</th>
<th>USC or CFR Citation</th>
<th>Nature of Violation</th>
<th>Corrective Action to be Taken (if not corrected immediately)</th>
<th>Date Corrections to Be Made (if not corrected immediately)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>No violation observed</td>
<td>Signature 9-11-2006</td>
<td></td>
</tr>
</tbody>
</table>

---

I have received a copy of this report of violations (proprietor's signature and title)

Signature and Title of ATF Officer

Date
**Mine Operator’s Respirable Dust Sampling Program Survey**

1. Date: 9-22-06  
2. District:  
3. Mine ID Number: 42-019715  
4. Mine Name: CRANDALL CANYON MINE  
5. Company: Utah American Energy  
6. Name (person responsible for calibration and maintenance of approved sampling devices):  
7. Name (person qualified to conduct sampling program):  
8. Number of Dust Pumps (in use at mine):  
9. Are all Dust Pumps Have Been Calibrated within the Last 200 Hours: Yes / No  
10. Name(s) of Person(s) Assigned to Check Pumps During Sampling:  
11. Results of at Least Six Checks by Soap Film Calibrator:

<table>
<thead>
<tr>
<th>Check</th>
<th>Pump Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>No Pumps Checked</td>
</tr>
<tr>
<td>2</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td></td>
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<td>5</td>
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<td>7</td>
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<td>9</td>
<td></td>
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<tr>
<td>10</td>
<td></td>
</tr>
<tr>
<td>Avg</td>
<td></td>
</tr>
</tbody>
</table>

12. Reverse May Be Used for Remarks:  

Signature:  
(13. Person Conducting Survey)
## Diesel Equipment Inventory

**Approval and Certification Center**
P.O. Box 251, RR No. 1
Industrial Park Boulevard
Triadelphia, WV 26059

(Attn: Mine Equipment Branch)

**U.S. Department of Labor**
Mine Safety and Health Administration

**Attention:** For additional information contact the "Mine Equipment Branch" at (304) 547-0400 or (FTS) 723-1417.

<table>
<thead>
<tr>
<th>1. Verify Type (check one)</th>
<th>2. Date Prepared</th>
</tr>
</thead>
<tbody>
<tr>
<td>□ Active Machine</td>
<td>9-22-06</td>
</tr>
<tr>
<td>□ Delete Machine</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>3. Name of Inspector</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Terry Anderson</strong></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>4. AR Number</th>
<th>5. Field Office ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>23799</td>
<td>20905-01</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>6. Mine Name</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Cranwell Canyon Mine</strong></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>7. Mine ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>01715</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>8. Equipment Approval Number (if applicable)</th>
</tr>
</thead>
<tbody>
<tr>
<td>49-01715</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>9. Equipment Manufacturer</th>
</tr>
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<tbody>
<tr>
<td></td>
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</table>

<table>
<thead>
<tr>
<th>10. Equipment Model Number</th>
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<tr>
<th>11. Equipment Type</th>
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<thead>
<tr>
<th>12. Serial Number</th>
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<table>
<thead>
<tr>
<th>13. Date Manufactured</th>
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<td></td>
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</table>

<table>
<thead>
<tr>
<th>14. Engine Manufacturer</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>15. Engine Model</th>
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</thead>
<tbody>
<tr>
<td></td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>16. Machine Features (check type(s) applicable)</th>
</tr>
</thead>
<tbody>
<tr>
<td>□ Methane Monitor</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>17. Type of Mine (check one)</th>
</tr>
</thead>
<tbody>
<tr>
<td>☑ Coal</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>18. Comments:</th>
</tr>
</thead>
<tbody>
<tr>
<td><em>No New Equip.</em></td>
</tr>
</tbody>
</table>
A compressed gas cylinder containing carbon dioxide that was located within the surface storage area was not provided with a protective cap over the valve assembly.
Fire boss truck number 11 was inspected on the surface and found the main battery connection to the starter was not insulated. There was no evidence of this connection being insulated and battery voltage could be read at this connection.
The electrical controls located in the Crandall belt portal were covered in coal dust. The tops of the boxes had coal accumulations measuring up to 3/8 of an inch deep. The inside of these electrical boxes also had coal dust accumulations up to 1/8 of an inch deep.

These boxes have been cleaned inside and out.
The electrical controls located in the Crandall belt portal were not all labeled and or labeled correctly. When inspected the circuit breaker that was labeled "fuel tanks, oil tanks, and lower yard" stopped the number 1 belt when the power was switched off. Also a disconnect box on the end of the step down transformer was not marked. This could result in a electrocution if a person was working on this belt and power was switched on. Also this complication will cause problems with locking and tagging while working on this belt.
Section I—Subsequent Action/Continuation Data
1. Subsequent Action 1a. Continuation [ ]
2. Dated (Original Issue) 07/26/2006
3. Citation/Order Number 7285670 - 01

Section II—Justification for Action
4. Served To
Jim Pruitt, Safety Director

5. Operator
GENWAL RESOURCES INC

6. Mine
CRANDALL CANYON MINE

7. Mine ID (Contractor)
42-01715

Change From To
9. C. Part/Section 75.1904 75.904

Reason
The wrong section of law was listed on citation this action corrects that problem.

This citation was mistakenly issued under the wrong section of the law. This action will correct this problem and terminate the citation as a result of the problem being corrected.

Section III—Subsequent Action Taken
8. Extended To
A. Date Mo Da Yr  
B. Time (24 Hr. Clock)  
C. Vacated  
D. Terminated  
E. Modified

Section IV—Inspection Data
9. Type of Inspection E01
10. Event Number 4476247

11. Signature
AR Number 24125
12. Date Mo Da Yr 07/27/2006
13. Time (24 Hr. Clock) 1326

MSHA Form 7000-3a, Mar 85 (Revised)
The weather head fitting supplying power to a junction box at the belt portal was missing the required cover. The missing cover was not to be found and a replacement had to be found and installed.
The 12-5 cable supplying power to the number 2 magnet being used on the number 1 belt was missing the guards on the belt drive motor. The belts were rubbing on the cable and had rubbed through the outer jacket and into one of the phase leads. There was not any copper showing. This damaged cable was 12 feet above the ground. The magnet was not being used when inspected.
The liquid tite fitting installed in the bottom of the disconnect for the water heater used on the silo belt was broken out of the bottom of the box. Also the liquid tite conduit was broken where it entered the top of the water heater exposing insulated wires. A 1/2 HP circulating pump was also being used with this water heater and it also had the liquid tite entrance gland damaged and not secured in the electric motor. Insulated wires were exposed. The power was turned on.
The conduits have been fixed and the bad entrance glands have been replaced.
A area light mounted to the center of the bulk oil storage area had the conduit and entrance gland smashed and bare electrical conductors had been in contact with the metal support structure. The wires were connected inside the weatherhead fitting and there was power in the box that supplies power to other electrical components being supplied with electricity also in the same conduit. We were not able to read power on the light and also were not able to find where and how it was disconnected. There was no record of a inspection on this light. This light should have been maintained or removed from service. This condition looked as if it has been this way for a long time.
A electrical box that had been removed from service and had the line side power conductors removed from it had a 1 1/2 opening in the bottom of the box that was not plugged. When checked this obsolete circuit breaker that used to supply power to a reclaim belt had 240 volts on the line side of the breaker. There was no record of any inspections being done on this breaker. A person could not contact power through this opening.

The opening has been plugged and this box will be included in future permissibility inspections.
A 480 Volt circuit breaker was installed in a plastic enclosure inside the substation. The breaker was not secured inside this box and was only being held in place by the line side power wires. This circuit breaker had the load side power wires disconnected. The opening in the box where the switch was intended to come through was loosely and partially covered by a danger tag that was not signed or written on, I believe the tag was intended to be a cover. The energized 480 volt line side of this circuit breaker could be contacted through this opening. There was no record of any permissibility inspections being made on this circuit breaker.
This circuit breaker and box has been removed and all wiring has been properly terminated.
Two energized 480 Volt AC circuit breakers in the surface sub station were not labeled or identified as to what they were controlling. There was no record of any inspections being done on these circuit breakers.
When these circuit breakers were further inspected it was found that the load side wiring had been removed. These breakers were energized, but there was no exposure to people. Breaker has been switched off and will be listed for required inspections, also inspectors have been instructed to switch all unused circuit breakers off.
This citation was modified from S/S to non-S/S. The Gravity of the citation has to change to reflect this change.
Nine electrical citations have been written during the surface inspection conducted on 07-26 and 27-2006. Six of these citations have been S&S. These conditions were not noted in the required inspections or were marked as being OK. The referred to citations are 7285669, 7285670, 7285672, 7285673, 7285676 and 7285677.

See Continuation Form (MSHA Form 7000-3a)

10. Gravity:
   A. Injury or Illness (has) (is):  
      No Likelihood [ ]  Unlikely [ ]  Reasonably Likely [X]  Highly Likely [ ]  Occurred [ ]
   B. Injury or illness could reasonably be expected to be:  
      No Lost Workdays [ ]  Lost Workdays Or Restricted Duty [X]  Permanently Disabling [ ]  Fatal [ ]
   C. Significant and Substantial:  
      Yes [X]  No [ ]
      D. Number of Persons Affected:  001

11. Negligence (check one)  
   A. None [ ]  B. Low [ ]  C. Moderate [ ]  D. High [X]  E. Reckless Disregard [ ]

12. Type of Action  
    104(d)(1)

13. Type of Issuance (check one)  
    Citation [X]  Order [ ]  Safeguard [ ]

14. Initial Action  
    A. Citation [ ]  B. Order [ ]  C. Safeguard [ ]  D. Written Notice [ ]

15. Area or Equipment

16. Termination Due  
   A. Date  08/02/2006  B. Time (24 Hr. Clock)  1100

17. Action to Terminate

18. Terminated  
   A. Date  B. Time (24 Hr. Clock)

19. Type of Inspection  
    (activity code)  E01

20. Event Number  4476247

21. Primary or Mill

22. Signature

MSHA Form 7000-3a, as reviewed, in accordance with the provisions of the Small Business Regulatory Enforcement Fairness Act of 1996, the Small Business Administration has established a National Small Business and Agriculture Regulatory Ombudsman and 10 Regional Fairness Boards to receive comments from small businesses about federal agency enforcement actions. The Ombudsman annually evaluates enforcement activities and rates each agency's responsiveness to small business. If you wish to comment on the enforcement actions of MSHA, you may call 1-888-REG-FAIR (1-888-734-3247), or write the Ombudsman at Small Business Administration, Office of the National Ombudsman, 409 3rd Street, SW MC 2120, Washington, DC 20416. Please note, however, that your right to file a comment with the Ombudsman is in addition to any other rights you may have, including the right to contest citations and proposed penalties and obtain a hearing before the Federal Mine Safety and Health Review Commission.
Change

Reason
To justify the long abatement date and time listed on this citation it needs to be noted that the operator will need to modify there weekly and monthly electrical inspection check lists. All required inspections will need to be listed on the check lists to assure a complete inspection has been done, and to provide the required records of such examinations. Also people doing electrical inspections will need to be trained in the use of these inspection sheets.

To justify the long abatement date and time listed on this citation it needs to be noted that the operator will need to modify there weekly and monthly electrical inspection check lists. All required inspections will need to be listed in these check lists to assure a complete inspection has been done, and to provide the required records of such examinations. Also people doing electrical inspections will need to be trained in the use of these inspection sheets.

Section III–Subsequent Action Taken

8. Extended To
A. Date  B. Time (24 Hr. Clock)

C. Cancelled D. Terminated E. Modified

Section IV–Inspection Data

9. Type of Inspection  10. Event Number

11. Signature

AR Number  12. Date  13. Time (24 Hr. Clock)

MSHA Form 7000-2A, Mar 03 (rev1204)
**Reason**  It is intended that this citation better define that it was written because of inadequate electrical inspections and records of these inspections that have taken place over a long period of time.

It is intended that this citation better define that it was written because of inadequate electrical inspections and records of these inspections that have taken place over a long period of time.
A permissibility check list has been developed and the electricians have been instructed with regards to using this to do the required inspections. Retention of this checklist will fulfill the record keeping portion of this citation.
The electrical controls located in the Crandall belt portal were covered in coal dust. The tops of the boxes had coal accumulations measuring up to 3/8 of a inch deep. The inside of these electrical boxes also had coal dust accumulations up to 1/8 of a inch deep.
The electrical controls located in the Crandall belt portal were not all labeled and or labeled correctly. When inspected the circuit breaker that was labeled "fuel tanks, oil tanks, and lower yard" stopped the number 1 belt when the power was switched off. Also a disconnect box on the end of the step down transformer was not marked. This could result in an electrocution if a person was working on this belt and power was switched on. Also this complication will cause problems with locking and tagging while working on this belt.
This citation was mistakenly issued under the wrong section of the law. This action will correct this problem and terminate the citation as a result of the problem being corrected.
The weather head fitting supplying power to a junction box at the belt portal was missing the required cover. The missing cover was not to be found and a replacement had to be found and installed.
The 12-5 cable supplying power to the number 2 magnet being used on the number 1 belt was missing the guards on the belt drive motor. The belts were rubbing on the cable and had rubbed through the outer jacket and into one of the phase leads. There was not any copper showing. This damaged cable was 12 feet above the ground. The magnet was not being used when inspected.

This cable was moved away from the belts and was re-insulated and guarded.
The liquid tite fitting installed in the bottom of the disconnect for the water heater used on the silo belt was broken out of the bottom of the box. Also the liquid tite conduit was broken where it entered the top of the water heater exposing insulated wires. A 1/2 HP circulating pump was also being used with this water heater and it also had the liquid tite entrance gland damaged and not secured in the electric motor. Insulated wires were exposed. The power was turned on.
The conduits have been fixed and the bad entrance glands have been replaced.
A area light mounted to the center of the bulk oil storage area had the conduit and entrance gland smashed and bare electrical conductors had been in contact with the metal support structure. The wires were connected inside the weatherhead fitting and there was power in the box that supplies power to other electrical components being supplied with electricity also in the same conduit. We were not able to read power on the light and also were not able to find where and how it was disconnected. There was no record of a inspection on this light. This light should have been maintained or removed from service. This condition looked as if it has been this way for a long time.

**Section II—Inspector's Evaluation**

10. Gravity:
   A. Injury or Illness (has) (is): Unlikely ✓ Reasonably Likely □ Highly Likely □ Occurred □
   B. Injury or illness could reasonably be expected to be: No Lost Workdays □ Lost Workdays Or Restricted Duty ✓ Permanently Disabling □ Fatal □
   C. Significant and Substantial: Yes □ No ✓

11. Negligence (check one) A. None □ B. Low □ C. Moderate ✓ D. High □ E. Reckless Disregard □

12. Type of Action 104(a)
13. Type of Issuance (check one) Citation ✓ Order □ Safeguard □
14. Initial Action A. Citation □ B. Order □ C. Safeguard □ D. Written Notice □
   E. Citation/Order Number
   F. Dated Mo Da Yr
   15. Area or Equipment

16. Termination Due A. Date Mo Da Yr 07/27/2006 B. Time (24 Hr. Clock) 1115

17. Action to Terminate This light has been removed.

**Section IV—Automated Data System**

19. Type of Inspection (activity code) E01
20. Event Number 4476247
21. Primary or Mill

22. Signature

MSHA Form 7000-3 was do (revised) in accordance with the provisions of the Small Business Regulatory Enforcement Fairness Act of 1995, the Small Business Administration has established a National Small Business and Agriculture Regulatory Ombudsman and 10 Regional Fairness Boards to receive comments from small businesses about federal agency enforcement actions. The Ombudsman annually evaluates enforcement activities and rates each agency's responsiveness to small business. If you wish to comment on the enforcement actions of MSHA, you may call 1-888-REG-FAIR (1-888-734-3247), or write the Ombudsman at Small Business Administration, Office of the National Ombudsman, 409 3rd Street, SW, MC 2120, Washington, DC 20416. Please note, however, that your right to file a comment with the Ombudsman is in addition to any other rights you may have, including the right to contest citations and proposed penalties and obtain a hearing before the Federal Mine Safety and Health Review Commission.
A electrical box that had been removed from service and had the line side
power conductors removed from it had a 1 1/2 opening in the bottom of the box
that was not plugged. When checked this obsolete circuit breaker that used to
supply power to a reclaim belt had 240 volts on the line side of the breaker.
There was no record of any inspections being done on this breaker. A person
could not contact power through this opening.

The opening has been plugged and this box will be included in
future permissibility inspections.
A 480 Volt circuit breaker was installed in a plastic enclosure inside the substation. The breaker was not secured inside this box and was only being held in place by the line side power wires. This circuit breaker had the load side power wires disconnected. The opening in the box where the switch was intended to come through was loosely and partially covered by a danger tag that was not signed or written on, I believe the tag was intended to be a cover. The energized 480 volt line side of this circuit breaker could be contacted through this opening. There was no record of any permissibility inspections being made on this circuit breaker.
Two energized 480 Volt AC circuit breakers in the surface sub station were not labeled or identified as to what they were controlling. There was no record of any inspections being done on these circuit breakers.
When these circuit breakers were further inspected it was found that the load side wiring had been removed. These breakers were energized, but there was no exposure to people. Breaker has been switched off and will be listed for required inspections, also inspectors have been instructed to switch all unused circuit breakers off.
This citation has been changed from S/S to Non S/S. The gravity needed to be changed to reflect this change.

This citation was modified from S/S to non-S/S. The Gravity of the citation has to change to reflect this change.
Both the East and South side equipment doors leading into the shop were being powered by extension cords. The East side door had a 14' extension cord supplying power to the electric motor that opens and closes the door. The South side door had a extension cord that was 12' long. Permanent installations cannot have extension cords no longer than 6' long.
Conduits have been installed and this issue has been resolved.
South main section miner S/N 5062 was being operated in the face when we arrived in the section and inspected the machine. Found both packing glands on the right side area lights had the packing glands tightened to where there was not the minimum clearance of 1/8 the of a inch between the light assembly and the packing nut. The same condition was found on the left side spot light.
South main section Joy Shuttle Car, approval number 2G3948A-00 was being operated and used in the production of coal. When inspected a 1/4 inch hole was found in the trailing cable. This opening in the cable was arcing and sparking could be seen through this opening.

This cable has been repaired and now is in safe operating condition.
Joy Shuttle Car, company number 12-9, S/N 16849A was being operated on the South Mains section. When inspected this machine was found to have a 1/4 inch brake line supplying oil to the cab side brakes crushed and bent flat. When tested the machine brakes worked well. When reparse were attempted the line broke. Machine was removed from service by the operator until repairs could be made.
The brake line has been replaced with new parts. Problem is corrected.
Section scoop company number 17-2, S/N 2478 was being operated in the South Mains section. When inspected this machine was found to have the packing gland on the right rear of this machine damaged and could be wobbled back and forth about 3/8 of a inch at the rear of the tube that the conduit connects to. Also the permissible enclosure that the main circuit breaker is installed in had a .007 inch opening in it. This feeler gauge could be inserted about 1/2 of a inch into the flame path of this enclosure. Machine has been removed from service by the operator until repairs can be completed.
Gehl skid steer loader company number 5 was being operated at the South Main section feeder breaker. When inspected this machine did not have a filter installed in the exhaust filter housing. There was not a new filter in the section and the old filter could not be found.

Operating in this condition exposes others in this section to Diesel Particulate Mater in excess of the 2.5 grams per hour standard.
Machine has been inspected and a filter has been installed.
Gehl skid steer loader company number 5 was being operated at the South Main feeder breaker. When inspected this machine was found to have the rear actuator and fire suppression propellant bottles not securely mounted. These bottles were only attached to the machine by the hoses that they were connected to. Also, the fuel shut off switch had the reset shaft and knob broken off. In this condition the required test could not be done.
Section I–Subsequent Action/Continuation Data

1. Subsequent Action 1a. Continuation  
   ✓  
   2. Dated (Original Issue) Mo Da Yr 08/15/2006  
   3. Citation/Order Number 7285689 - 01

4. Served To  
   Jim Pruitt, Safety Director  
   5. Operator  
   GENWAL RESOURCES INC  
   6. Mine  
   CRANDALL CANYON MINE  
   7. Mine ID  
   42-01715  
   (Contractor)

Section II–Justification for Action

Gehl skid steer loader #5 has been inspected and the actuator bottle and propellant bottle have been secured.

Section III–Subsequent Action Taken

8. Extended To  
   A. Date Mo Da Yr  
   B. Time (24 Hr. Clock)  
   C. Vacated ✓ D. Terminated  
   E. Modified

Section IV–Inspection Data

9. Type of Inspection  
   E01  
   10. Event Number  
   4476247

11. Signature  
   AR Number 24125  
   12. Date Mo Da Yr 08/17/2006  
   13. Time (24 Hr. Clock) 1241

MSHA Form 7000-23, rev 02/03/06
Section I—Violation Data

1. Date 08/17/2006 2. Time (24 Hr. Clock) 0850 3. Citation/Order Number 7285690

4. Served To
Jim Pruitt, Safety Director

5. Operator
GENWAL RESOURCES INC

6. Mine
CRANDALL CANYON MINE

7. Mine ID 42-01715 (Contractor)

9. Condition or Practice
B. Written Notice (103g)

Section II—Inspector’s Evaluation

10. Gravity:
A. Injury or Illness (has) (is): No Likelihood □ Unlikely □ Reasonably Likely □ Highly Likely □ Occurred □
B. Injury or illness could reasonably be expected to:
No Lost Workdays □ Lost Workdays Or Restricted Duty □ Permanently Disabling □ Fatal □
C. Significant and Substantial: Yes □ No □
D. Number of Persons Affected:

11. Negligence (check one):
A. None □ B. Low □ C. Moderate □ D. High □ E. Reckless Disregard □

12. Type of Action 104(b)

13. Type of Issuance (check one):
A. Citation □ B. Order □ C. Safeguard □ D. Written Notice □

14. Initial Action
A. Citation □ B. Order □ C. Safeguard □ D. Written Notice □

15. Area or Equipment
South Main section scoop was under citation for a excessive gap in the main circuit breaker enclosure. After a attempt to fix this problem the machine was placed back in service. When this

16. Termination Date
A. Date 08/17/2006 B. Time (24 Hr. Clock) 0000

Section III—Termination Action

17. Action to Terminate
This cover was removed and dirt was cleaned from the flange. Cover was reinstalled and when gaps were checked a problem could not be found.

18. Terminated
A. Date 08/17/2006 B. Time (24 Hr. Clock) 1007

Section IV—Automated System Data

19. Type of Inspection (activity code) E01
20. Event Number 447624
21. Primary or Mill

22. Signature

See Continuation Form (MSHA Form 7000-3a)
enclosure was inspected a .012 inch opening was found in this enclosure.
Section I—Violation Data

1. Date Mo Da Yr 08/15/2006
2. Time (24 Hr. Clock) 1020
3. Citation/Order Number 7285687

4. Served To
Jim Pruitt, Safety Director

5. Operator
GENWAL RESOURCES INC

6. Mine
CRANDALL CANYON MINE

7. Mine ID 42-01715 (Contractor)

8. Condition or Practice 8a. Written Notice (103g)

Section II—Inspector's Evaluation

9. Violation
A. Health Safety ✓
B. Section of Act
C. Part/Section of Title 30 CFR

10. Gravity:
A. Injury or Illness (has) (is): No Likelihood Unlikely ✓ Reasonably Likely Highly Likely Occurred
B. Injury or illness could reasonably be expected to be: No Lost Workdays Lost Workdays Or Restricted Duty ✓ Permanently Disabling Fatal
C. Significant and Substantial: Yes ✓ No D. Number of Persons Affected: 007

11. Negligence (check one)
A. None B. Low C. Moderate ✓ D. High E. Reckless Disregard

12. Type of Action
104(a) 13. Type of Issuance (check one)
Citation ✓ Order Safeguard

14. Initial Action
A. Citation B. Order C. Safeguard D. Written Notice E. Citation/Order Number

15. Area or Equipment

16. Termination Due
A. Date Mo Da Yr 08/16/2006
B. Time (24 Hr. Clock) 0800

Section III—Termination Action

17. Action to Terminate

18. Terminated
A. Date Mo Da Yr
B. Time (24 Hr. Clock)

Section IV—Automated System Data

19. Type of Inspection (activity code)
E01 20. Event Number 4476247
21. Primary or Mill

22. Signature

MSHA Form 7000-3, Mar 85 (revised) | In accordance with the provisions of the Small Business Regulatory Enforcement Fairness Act of 1996, the Small Business Administration has established a National Small Business and Agriculture Regulatory Ombudsman and 10 Regional Fairness Boards to receive comments from small businesses about federal agency enforcement actions. The Ombudsman annually evaluates enforcement activities and rates each agency's responsiveness to small business. If you wish to comment on the enforcement actions of MSHA, you may call 1-888-REG-FAIR (1-888-734-3247), or write the Ombudsman at Small Business Administration, Office of the National Ombudsman, 409 3rd Street, SW MC 2120, Washington, DC 20418. Please note, however, that your right to file a comment with the Ombudsman is in addition to any other rights you may have, including the right to contest citations and proposed penalties and obtain a hearing before the Federal Mine Safety and Health Review Commission.
Mine Citation/Order

U.S. Department of Labor
Mine Safety and Health Administration

Section I—Violation Data

1. Date 2. Time (24 Hr. Clock) 3. Citation/Order Number
08/17/2006 0925 7285691

4. Served To 5. Operator
Jim Pruitt, Safety Director GENWAL RESOURCES INC

6. Mine 7. Mine ID (Contractor)
CRANDALL CANYON MINE 42-01715

8. Condition or Practice

9. Violation A. Health B. Section C. Part/Section of
Safety Other of Act Title 30 CFR

10. Gravity:
A. Injury or Illness (has) (is): No Likelihood Unlikely Reasonably Likely Highly Likely Occurred
B. Injury or illness could reasonably be expected to be: No Lost Workdays Lost Workdays Or Restricted Duty Permanently Disabling Fatal
C. Significant and Substantial: Yes No

11. Negligence (check one) A. None B. Low C. Moderate D. High E. Reckless Disregard

12. Type of Action 104(a)

13. Type of Issuance (check one) Citation Order Safeguard

14. Initial Action A. Citation B. Order C. Safeguard D. Written Notice

15. Area or Equipment

16. Termination Due A. Date B. Time (24 Hr. Clock)
08/17/2006 1000

Section III—Termination Action

17. Action to Terminate

The wires were entered through the rubber portion of the light assembly.

18. Terminated A. Date B. Time (24 Hr. Clock)
08/17/2006 0935

Section IV—Automated System Data

19. Type of Inspection (activity code) 20. Event Number 21. Primary or Mill
E01 4476247

22. Signature

MSHA Form 7000-3, Mar 85 (revised)—In accordance with the provisions of the Small Business Regulatory Enforcement Fairness Act of 1996, the Small Business Administration has established a National Small Business and Agriculture Regulatory Ombudsman and 10 Regional Fairness Boards to receive complaints from small businesses about federal agency enforcement actions. The Ombudsman annually evaluates enforcement activities and rates each agency's responsiveness to small business. If you wish to comment on the enforcement actions of MSHA, you may call 1-888-REG-FAIR (1-888-734-3247), or write the Ombudsman at Small Business Administration, Office of the National Ombudsman, 409 3rd Street, SW, MC 2120, Washington, DC 20416. Please note, however, that your right to file a comment with the Ombudsman is in addition to any other rights you may have, including the right to contest citations and proposed penalties and obtain a hearing before the Federal Mine Safety and Health Review Commission.
South Main section man trip, a Isuzu, company number 1 was parked at section transformer. When inspected it was found to have no insulation on the starter lead from the battery where the positive terminal attaches to the starter. Battery voltage was measured at this connection.
South Main section man trip, a Isuzu, company number 1 was parked at section transformer. When inspected on a slight grade the applied park brake made no attempt to hold the machine from moving.
Isuzu pickup, company number 30 was inspected in Main South near the section transformer. When inspected this machine was found to have excessive play in the steering. The steering wheel could be moved 1/4 of a turn without moving the wheels. Further inspection revealed the steering idler on the right side of the machine had about 3/4 of a inch of looseness in it and the pitman arm also had about 3/4 of a inch of looseness in it.

### Section III—Inspector's Evaluation

10. Gravity:

| A. Injury or Illness (has) (is): | No Likelihood | Unlikely | Reasonably Likely | Highly Likely | Occurred |
| B. Injury or illness could reasonably be expected to be: | No Lost Workdays | Lost Workdays Or Restricted Duty | Permanently Disabling | Fatal |
| C. Significant and Substantial | Yes | No |

11. Negligence (check one):

| A. None | B. Low | C. Moderate | D. High | E. Reckless Disregard |

12. Type of Action:

| 104(a) |

13. Type of issuance (check one):

| Citation | Order | Safeguard |

14. Initial Action:

| A. Citation | B. Order | C. Safeguard | D. Written Notice |

15. Area of Equipment

### Section III—Termination Action

17. Action to Terminate

18. Terminated

<table>
<thead>
<tr>
<th>A. Date</th>
<th>Mo Da Yr</th>
<th>B. Time (24 Hr. Clock)</th>
</tr>
</thead>
</table>

### Section IV—Automated System Data

19. Type of Inspection (activity code):

| E01 |

20. Event Number

| 4476247 |

21. Primary or Mill

22. Signature

| 24125 |

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In accordance with the provisions of the Small Business Regulatory Enforcement Fairness Act of 1996, the Small Business Administration has established a National Small Business and Agriculture Regulatory Ombudsman and 16 Regional Fairness Boards to receive comments from small businesses about federal agency enforcement actions. The Ombudsman annually evaluates enforcement activities and rates each agency's responsiveness to small business. If you wish to comment on the enforcement actions of MSHA, you may call 1-800-REG-FAIR (1-800-734-3247), or write the Ombudsman at Small Business Administration, Office of the National Ombudsman, 409 3rd Street, SW, MC 2120, Washington, DC 20416. Please note, however, that your right to file a comment with the Ombudsman is in addition to any other rights you may have, including the right to contest citations and proposed penalties and obtain a hearing before the Federal Mine Safety and Health Review Commission.
The needed parts to repair the front end of this truck will not be available for ten days. This truck has been removed from service by the operator until repairs can be made.
Isuzu truck company number #30, S/N 4S1CL11L8N4229506 has been removed from service and is to be sent to Kwick Lube to be junked out. This truck will not be used at this or any other mine in the future. The engine in this truck may be used to power another truck. Engine S/N 939674.
Isuzu pickup, company number 30 was inspected in Main South near the section transformer. When inspected this machine was found to have no insulation on the battery connection where it attaches to the starter.

16. Termination Date
   A. Date Mo Da Yr 08/19/2006
   B. Time (24 Hr. Clock) 1200

Section III-Termination Action
17. Action to Terminate This connection has been properly insulated.

18. Terminated
   A. Date Mo Da Yr 08/17/2006
   B. Time (24 Hr. Clock) 1018

Section IV-Automated System Data
19. Type of Inspection (activity code) E01
   20. Event Number 4476247
   21. Primary or Mill

22. Signature

MSHA Form 7000-3, Mar 85 (revised) In accordance with the provisions of the Small Business Regulatory Enforcement Fairness Act of 1996, the Small Business Administration has established a National Small Business and Agriculture Regulatory Ombudsman and 10 Regional Fairness Boards to receive comments from small businesses about federal agency enforcement actions. The Ombudsman annually evaluates enforcement activities and rates each agency's responsiveness to small business. If you wish to comment on the enforcement actions of MSHA, you may call 1-888-REG-FAIR (1-888-734-3247), or write the Ombudsman at Small Business Administration, Office of the National Ombudsman, 409 3rd Street, SW MC 2120, Washington, DC 20416. Please note, however, that your right to file a comment with the Ombudsman is in addition to any other rights you may have, including the right to contest citations and proposed penalties and obtain a hearing before the Federal Mine Safety and Health Review Commission.
Eimco 955, company number 10 was parked at crosscut number 1 in South Mains. When inspected this machine was found to have an accumulation of coal and diesel fuel measuring 1 1/2 inch deep X 4 inches wide X 7 inches long. The fuel had been leaking from the banjo fitting in the front of the fuel transfer pump, and the hose connected to it was washed clean for 7 inches.
The fuel and oil leaks on this machine have been repaired and the accumulations have been cleaned.
Mine Citation/Order

U.S. Department of Labor
Mine Safety and Health Administration

Section I—Violation Data

1. Date 08/21/2006
2. Time (24 Hr. Clock) 1035
3. Citation/Order Number 7285697

4. Served To
Jim Pruitt, Safety Director

5. Operator
GENWAL RESOURCES INC

6. Mine
CRANDELL CANYON MINE

7. Mine ID 42-01715

8. Condition or Practice

9. Violation

A. Health
  Safety [X]
  Other

B. Section of Act

C. Part/Section of Title 30 CFR

75.101-1(a)

Section II—Inspector’s Evaluation

10. Gravity:

A. Injury or Illness (has) (is): No Likelihood [X] Unlikely [ ] Reasonably Likely [ ] Highly Likely [ ] Occurred [ ]

B. Injury or illness could reasonably be expected to be: No Lost Workdays [ ] Lost Workdays Or Restricted Duty [ ] Permanently Disabling [ ] Fatal [ ]

C. Significant and Substantial: Yes [X] No [ ]

D. Number of Persons Affected: 007

11. Negligence (check one)

A. None [X] B. Low [ ] C. Moderate [X] D. High [ ] E. Reckless Disregard [ ]

12. Type of Action 104(a)

13. Type of Issuance (check one)

Citation [X] Order [ ] Safeguard [ ]

14. Initial Action

A. Citation [X] B. Order [ ] C. Safeguard [ ] D. Written Notice [ ]

E. Citation/Order Number

F. Dated Mo Da Yr

15. Area or Equipment

16. Termination Due

A. Date 08/21/2006
B. Time (24 Hr. Clock) 1200

Section III—Termination Action

17. Action to Terminate

Rust and dirt were cleaned from two nozzles and balloons were installed in place of the protective covers. When tested this worked well.

18. Terminated

A. Date 08/21/2006
B. Time (24 Hr. Clock) 1130

Section IV—Automated System Data

19. Type of Inspection (activity code)

E01

20. Event Number 4476247

21. Primary or Mill

22. Signature

MSHA Form 7000-3, Mar 85 (revised) ** in accordance with the provisions of the Small Business Regulatory Enforcement Fairness Act of 1996, the Small Business Administration has established a National Small Business and Agriculture Regulatory Ombudsman and 10 Regional Ombudsmen to receive comments from small businesses about federal agency enforcement actions. The Ombudsman annually evaluates enforcement activities and rates each agency’s responsiveness to small business. If you wish to comment on the enforcement actions of MSHA, you may call 1-888-REG-FAIR (1-888-734-3247), or write the Ombudsman at Small Business Administration, Office of the National Ombudsman, 409 3rd Street, SW MC 2120, Washington, DC 20416. Please note, however, that your right to file a comment with the Ombudsman is in addition to any other rights you may have, including the right to contest citations and proposed penalties and obtain a hearing before the Federal Mine Safety and Health Review Commission.
The inby motor tray at the number 4 drive, located at X cut 69 on Main West, had a 2'3" square accumulation of oil that had leaked out of the fluid coupler. The depth of this oil was not determined, but was wet and could be seen as liquid trapped in side this containment. Also there was a covering of oil and coal on the vertical surfaces of this enclosure for the fluid coupler, and oil had leaked down around the structure supporting this motor tray. A motor was not being used in this motor tray but the fluid coupler and gear box were being driven by the other drive motor.
At the head roller of number 3 drive, at crosscut number 38, a exposed power lead was found where the feed through feature of a remote belt switch had been improperly terminated. This box had been terminated by cutting the cable off flush and not taping the exposed leads. The 14-3 cable had exposed power leads and 19 volts AC to ground was measured on these leads.

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**Section II—Inspector’s Evaluation**

<table>
<thead>
<tr>
<th>A. Health Safety</th>
<th>B. Section of Act</th>
<th>C. Part/Section of Title 30 CFR</th>
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</thead>
<tbody>
<tr>
<td>Yes</td>
<td>75.517</td>
<td></td>
</tr>
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</table>

**Section III—Termination Action**

The power conductors have been taped up.

**Section IV—Automated System Data**

<table>
<thead>
<tr>
<th>Type of Inspection (activity code)</th>
<th>Event Number</th>
<th>Primary or Mill</th>
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</thead>
<tbody>
<tr>
<td>E01</td>
<td>4476247</td>
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</tbody>
</table>

**MSHA Form 7000-3a** in accordance with the provisions of the Small Business Regulatory Enforcement Fairness Act of 1996, the Small Business Administration has established a National Small Business and Agriculture Regulatory Ombudsman and 10 Regional Fairness Boards to receive comments from small businesses about federal agency enforcement actions. The Ombudsman annually evaluates enforcement activities and rates each agency’s responsiveness to small business. If you wish to comment on the enforcement actions of MSHA, you may call 1-888-REG-FAIR (1-888-734-3247), or write the Ombudsman at Small Business Administration, Office of the National Ombudsman, 409 3rd Street, SW, MC 2110, Washington, DC 20418. Please note, however, that your right to file a comment with the Ombudsman is in addition to any other rights you may have, including the right to contest citations and proposed penalties and obtain a hearing before the Federal Mine Safety and Health Review Commission.
Found a bottom roller that was bound up and not turning. This roller had a 1 inch wide flat spot wore in it as a result of not turning as the conveyor belt slid across the top of it. This roller was about 60 feet in by the #6 drive. The belt was very wet and excessive heat was not detectable.
This citation is being vacated because the operator was not required to remove the belt from service immediately as required by 75.1725(a).
The number 1 belt tailpiece is missing all the bottom rollers and also the first stand on the outby side of the tailpiece does not have a bottom roller. As a result of these missing bottom rollers the bottom belt is contacting three cross members and is not being supported where it goes through the tailpiece. There is enough heat being generated by the belt rubbing the metal structure to dry out the steel cross members in an area that all else is wet, but no excessive heat could be detected.
Two bottom rollers have been installed in this tailpiece and the bottom belt is no longer contacting the cross members in the tailpiece.
This citation is being vacated because the operator was not required to remove the belt from service immediately as required by 75.1725 (a).
The center toughing roller at crosscut 16, along the number 1 belt had the bearing missing and had wobbled a three inch diameter hole in the end of the roller where the bearing used to be. There were small chunks of iron inside the roller from the disintegration of the bearing. This roller was stuck and not rotating at the time of inspection but could brake loose and begin rotating again at any time.

Section II–Inspector's Evaluation

11. Negligence (check one) A. None ☐ B. Low ☐ C. Moderate ☑ D. High ☐ E. Reckless Disregard ☐

14. Initial Action A. Citation ☐ B. Order ☐ C. Safeguard ☐ D. Written Notice ☐

15. Area or Equipment

16. Termination Due A. Date Mo Da Yr 08/29/2006 B. Time (24 Hr. Clock) 1400

Section III–Termination Action

17. Action to Terminate This roller has been replaced.

Section IV–Automated System Data

19. Type of Inspection (activity code) E01

20. Event Number 4476247

21. Primary or Mill

22. Signature

23. AR Number 24125
This citation is being vacated because the operator was not required to remove the belt from service immediately as required by 75.1725(a).
Main east seals number 3 and 4 were observed to be leaking air. These air leaks were detectable by both sight and sound. The seals had air leaking from them that could be detected by holding your hand in front of several places on both seals and feeling a substantial amount of air leaking from the seals. Many of the problem areas had foam sealant applied to them but were still leaking. Gas checks did not detect any deficiencies of oxygen or any amount of CO or CH4.
Additional coating has been applied to seals and leaks have been controlled.
Mine Citation/Order

U.S. Department of Labor
Mine Safety and Health Administration

Section I - Violation Data

1. Date: 09/05/2006
2. Time (24 Hr. Clock): 0225
3. Citation/Order Number: 7285704

4. Served To: Jim Pruitt, Safety Director
5. Operator: GENWAL RESOURCES INC
6. Mine: CRANDALL CANYON MINE
7. Mine ID: 42-01715 (Contractor)

The return escape way was obstructed by the fall of loose top. A area of the escape way about 100 feet inby the main mine fan had fallen and had been allowed to accumulate for a distance of 13 feet long by 5 feet wide and about 8 inches deep. This obstruction was comprised of slate and top rock, the size of the pieces were 1 to 2 feet long and about 1 foot wide.

9. Violation

<table>
<thead>
<tr>
<th>A. Health Safety</th>
<th>B. Section of Act</th>
<th>C. Part/Section of Title 30 CFR</th>
</tr>
</thead>
<tbody>
<tr>
<td>✅</td>
<td></td>
<td>75.380(d)(1)</td>
</tr>
</tbody>
</table>

10. Gravity:
- A. Injury or Illness (has) (is): Unlikely ✅
- B. Injury or Illness could reasonably be expected to be: Permanently Disabling ✅

11. Negligence (check one):
- A. None ✅
- B. Low
- C. Moderate ✅
- D. High
- E. Reckless Disregard

12. Type of Action: 104(a)

13. Type of Issuance (check one):
- A. Citation ✅
- B. Order
- C. Safeguard
- D. Written Notice

15. Area or Equipment

16. Termination Due

| A. Date: 09/05/2006 | B. Time (24 Hr. Clock): 0300 |

17. Action to Terminate: The escape way has been moved to go around this area and uses another cross cut. All signs and lifeline has been moved.

18. Terminated

| A. Date: 09/05/2006 | B. Time (24 Hr. Clock): 0245 |

Section IV - Automated System Data

19. Type of Inspection (activity code): E01
20. Event Number: 4476247
21. Primary or Mill

22. Signature

MSHA Form 7000-3a, used by (agency) in accordance with the provisions of the Small Business Regulatory Enforcement Fairness Act of 1996, the Small Business Administration has established a National Small Business and Agriculture Regulatory Ombudsman and 10 Regional Fairness Boards to receive comments from small businesses about federal agency enforcement actions. The Ombudsman annually evaluates enforcement activities and rates each agency's responsiveness to small business. If you wish to comment on the enforcement actions of MSHA, you may call 1-888-REG-FAIR (1-888-734-3247), or write the Ombudsman at Small Business Administration, Office of the National Ombudsman, 409 3rd Street, SW, MC 2120, Washington, DC 20418. Please note, however, that your right to file a comment with the Ombudsman is in addition to any other rights you may have, including the right to contest citations and proposed penalties and obtain a hearing before the Federal Mine Safety and Health Review Commission.
### Mine Citation/Order Continuation

**Section I—Subsequent Action/Continuation**

<table>
<thead>
<tr>
<th>1. Subsequent Action To: Continuation</th>
<th>2. Dated (Original Issue)</th>
<th>3. Citation/Order Number</th>
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<td>✔</td>
<td>09/05/2006</td>
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<tr>
<th>4. Served To</th>
<th>5. Operator</th>
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<tbody>
<tr>
<td>Bodee Allred, Safety</td>
<td>GENWAL RESOURCES INC</td>
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<tbody>
<tr>
<td>CRANDALL CANYON MINE</td>
<td>42-01715</td>
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(Contractor)

**Section II—Justification for Action**

**Change**

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<tr>
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<th>To</th>
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**Reason**

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<th>16. B. Termination Due Time</th>
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<td>14:20</td>
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**Reason**

- Change item #2 from 0225 to 1400
- Change item #16B from 0300 to 1435
- Change item #18B from 0245 to 1420

### Section III—Subsequent Action Taken

<table>
<thead>
<tr>
<th>8. Extended To</th>
<th>9. Type of Inspection</th>
</tr>
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<tbody>
<tr>
<td>A. Date Mo Da Yr</td>
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**Section IV—Inspection Data**

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<table>
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<tr>
<th>11. Signature</th>
<th>12. Date Mo Da Yr</th>
<th>13. Time (24 Hr. Clock)</th>
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<td>Signature</td>
<td>09/22/2006</td>
<td>0600</td>
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AR Number 23799
4. Served To
Jim Pruitt, Safety Director

5. Operator
GENWAL RESOURCES INC

6. Mine
CRANDALL CANYON MINE

7. Mine ID
42-01715

<table>
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<th>To</th>
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</thead>
<tbody>
<tr>
<td>Issue Time</td>
<td>02:25</td>
<td>14:00</td>
</tr>
</tbody>
</table>

Reason: The time was incorrectly input on the original citation.

The issue time was entered incorrectly.

MSHA Form 7000-3a, Mar 85 (revised)
Transformer number 29 located in the West Mains Continuous Miner Section, MMU - 002-0 was energized and no pre-shift examination for the day shift (09-11-2006) had been done as verified by the time, date and initial record kept at this location to record that the examination had been done. Last date recorded was for the graveyard shift on 09-10-2006.

Main West Section has been idle since Saturday (09-09-2006).

Jim Pruitt, Safety Manager checked the area for hazards and found none. He signed the record book then deenergized the transformer.
Accumulations of coal and coal fines were allowed to exist at the feeder breaker located on the South Mains Continuous Miner Section, MMU - 009-0. From the feeder breaker inby for a distance of 25 feet the accumulations ranged in depth of 1/2 inch up to 2 feet and was 18 feet wide. In this area the shuttle cars were running over the accumulations and at the dumping point the accumulations were being used as a ramp so the battery shuttle car could get enough height to dump on the feeder breaker. From the dumping point of the feeder breaker outby the accumulations on both sides of the feeder breaker ranged in depth from 2 feet to 6 feet for a distance of about 10 feet and 2 feet wide.
The accumulations of coal and coal fines were cleaned up.
The result of the rock dust survey collected on 09-05-2006 2 x-cuts outby main north #1 seal showed non-compliant.
The area has been rock dusted.