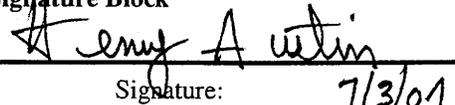
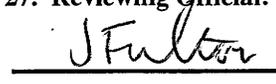




0027 U.S. DEPT. OF THE INTERIOR  
 OFFICE OF SURFACE MINING  
 Mine Site Evaluation  
 State Program



1. Permittee/Person <b>CO-OP MINING CO.</b>		9. Permit Number <b>UT-015-025</b>		Type <b>PP</b>
2. Address <b>P. O. BOX 1245</b>		11. Field Visit Date <b>06/27/2001</b> mm - dd - yyyy	12. Purpose <b>O</b>	13. SRA Present <b>Y</b>
3. City <b>HUNTINGTON</b>	4. State <b>UT</b>	14. Permit Status <b>A</b>	15. Site Status <b>AP</b>	16. Facility Type <b>B</b>
5. Zip Code <b>84528</b>	6. Phone Number <b>(435) 687-5238</b>	17. OSM Office # <b>140</b>	18. CCID #	19. Land Code <b>S</b>
7. Operator Name, if Different than Permittee <b>CO OP MINING CO.</b>		20. M.S.H.A ID # <b>42-00697</b>	21. State Abrev. <b>UT</b>	22. County Name <b>EMERY</b>
8. Mine Name <b>BEAR CANYON</b>		23. AVS Permittee Entity ID Number <b>089059</b>		24. State Office

25. Hours		26. Signature Block		27. Reviewing Official:	
<b>8.0</b>	a. Permit Review	 Signature: <b>7/3/01</b> <b>HENRY AUSTIN ID # 116</b> Printed Name: Date: <b>07/03/2001</b>		 Signature: Review Date: <b>7/3/01</b> mm - dd - yyyy Is Supplemental MSE Page Used Y/N <b>Y</b>	
<b>5.0</b>	b. Site Visit Time				
<b>11.0</b>	c. Travel Time				
<b>2.0</b>	d. Report Writing				

Permit Type — Item 10 IP = Interim Program, PP = Permanent Program, NP = No Permit

Purpose Type Codes Item 12  
 Oxx.... Oversight RFX.... Reclamation Fees CCR.... Citizen Complaint Referral (non site visit)  
 Axx.... Assistance Fxx..... Federal Actions CC..... Citizen Complaint (initial site visit)  
 CCF.... Citizen Complaint Follow-up

Joint Inspection — Item 13 A joint inspection is when a state inspector accompanies an OSM inspector any time during the review of the mine site.

Permit Status — Item 14  
 A.... Active: Coal mining and reclamation activities occurring or permitted but not yet disturbed.  
 IN.... Inactive (Permanent Program Permit): Phase II completed or Temporary Cessation of Operations. (Interim Program Permit) Coal mining completed and reclamation activities initiated.  
 BR... Bond Release: Reclamation completed and State Regulatory Authority (RA) has released all of the bond (Phase III Release).  
 AB.... Abandoned: All surface and underground coal mining activities have ceased and operator has left the site without completing reclamation as defined in 30 CFR 840.11(g)  
 AB1.. Bond Forfeiture: Bond forfeiture officially in process or completed, and reclamation in progress or not yet commenced.  
 AB2.. Partially Reclaimed Forfeiture: Forfeited site where all bonds have been used to reclaim site, but site not reclaimed to Program standards.  
 AB3.. Reclaimed Forfeiture: Forfeited site that has been reclaimed to Program standards.  
 NA... Not Applicable: When site is unpermitted.

Site Status Codes — Item 15  
 ND... No Disturbance: No coal mining and reclamation operations have been started.  
 EX... Coal Exploration: Coal exploration operations have started and where coal mining operations have not begun.  
 AP.. Active Coal Producing: Coal surface mining activities are occurring.  
 AN.. Active Non-Producing: Active non-producing facility such as tipple or preparation plant.  
 NM... No Mining: The Permit Status is active, site is not in Temporary Cessation, no surface coal mining activity, and site not regraded.  
 MC.. Mining Complete: No mining activity on site, site regraded and awaiting phase bond release.  
 TC.. Temporary Cessation: The RA has granted cessation of mining pursuant to 30 CFR 816/817.131(b).  
 P1... Phase I Release: At least Phase I bond release granted for entire permitted area. For interim permits, partial bond release.  
 P2.. Phase II Release: At least Phase II bond release for the entire permitted area.  
 P3.. Phase III Release: Reclamation completed and the RA has released all bond.  
 NS.. Non-Site Visit: Status of site not determined.  
 FP.. Forfeiture Pending: The RA is pursuing actions to revoke the permit, collect the performance bond(s), and/or reclamation of forfeited site is in progress.  
 FR.. Forfeited and Reclaimed: Forfeiture reclamation completed.  
 FO.. Abandoned Site: Abandoned site that is permitted but there is no bond.  
 WC.. Wildcat: Coal mining and reclamation operations have or are taking place and the activity is not covered by the required permits from the RA.

Facility Type Codes — Item 16  
 A... Surface D... Ancillary (Haulroad, Conveyor, and/or Rails) H... Exploration Permits L... Remaining site permitted under 30 CFR 785.25  
 B... Underground E... Refuse and/or Impoundment I... Notice of Intent to Explore  
 C... Preparation Plant F... Loading Facility and/or Tipple J... Exempt 16 and 2/3  
 G... Stockpiles K... Government Financed Construction Exemption

**Small Business Regulatory Enforcement Fairness Act (SBREFA)**  
**Your Comments Are Important**

The Small Business and Agriculture Regulatory Enforcement Ombudsman and 10 Regional Fairness Boards were established to receive comments from small businesses about Federal agency enforcement actions. The Ombudsman will annually evaluate the enforcement activities and rate each agency's responsiveness to small business. If you are a small business (a business with 500 or fewer employees including those of affiliates) and wish to comment on the enforcement or compliance activities of OSM, call 1-888-REG-FAIR (1-888-734-3247).

# U. S. DEPT. OF THE INTERIOR OFFICE OF SURFACE MINING

## Mine Site Evaluation

State Program  
Continuation Page

Permittee/ Person CO-OP MINING CO.

Permit Number UT-015-025

Field Visit Date 06/27/2001

### 28. Performance Standard Categories

Codes: 1=Compliance, 2=Noncompliance, 3=Not Planned, 4=Not Started, 5=Noncompliance Identified Elsewhere, 6=Previously Cited

<p><b>A. Administrative</b></p> <ol style="list-style-type: none"> <li>1. <u>1</u> Mining within Valid Permit</li> <li>2. <u>1</u> Mining within Bonded Area</li> <li>3. <u>1</u> Terms &amp; Conditions of Permit</li> <li>4. <u>1</u> Liability Insurance</li> <li>5. <u>1</u> Ownership and Control</li> <li>6. <u>1</u> Temporary Cessation</li> <li>7. <u>1</u> AML Rec. Fees -- Non-Respondent</li> <li>8. <u>1</u> AML Rec. Fees -- Failure to Pay</li> </ol> <p><b>B. Hydrologic Balance</b></p> <ol style="list-style-type: none"> <li>1. <u>1</u> Drainage Control</li> <li>2. <u>1</u> Inspections &amp; Certifications</li> <li>3. <u>1</u> Siltation Structures</li> <li>4. <u>1</u> Discharge Structures</li> <li>5. <u>1</u> Diversions</li> <li>6. <u>1</u> Effluent Limits</li> <li>7. <u>1</u> Ground Water Monitoring</li> <li>8. <u>1</u> Surface Water Monitoring</li> <li>9. <u>3</u> Drainage -- Acid-Toxic Materials</li> <li>10. <u>1</u> Impoundments</li> <li>11. <u>1</u> Stream Buffer Zones</li> </ol> <p><b>C. Topsoil &amp; Subsoil</b></p> <ol style="list-style-type: none"> <li>1. <u>1</u> Removal</li> <li>2. <u>1</u> Substitute Materials</li> <li>3. <u>1</u> Storage and Protection</li> <li>4. <u>1</u> Redistribution</li> </ol>	<p><b>D. Backfilling &amp; Grading</b></p> <ol style="list-style-type: none"> <li>1. <u>1</u> Exposed Openings</li> <li>2. <u>1</u> Contemporaneous Reclamation</li> <li>3. <u>1</u> Approximate Original Contour</li> <li>4. <u>1</u> Highwall Elimination</li> <li>5. <u>1</u> Steep Slopes (includes downslope)</li> <li>6. <u>3</u> Handling of Acid &amp; Toxic Materials</li> <li>7. <u>1</u> Stabilization (rills and gullies)</li> </ol> <p><b>E. Excess Spoil Disposal</b></p> <ol style="list-style-type: none"> <li>1. <u>3</u> Placement</li> <li>2. <u>3</u> Drainage Control</li> <li>3. <u>3</u> Surface Stabilization</li> <li>4. <u>3</u> Inspections &amp; Certifications</li> </ol> <p><b>F. Coal Mine Waste (Refuse Piles/Impoundments)</b></p> <ol style="list-style-type: none"> <li>1. <u>3</u> Drainage Control</li> <li>2. <u>3</u> Surface Stabilization</li> <li>3. <u>3</u> Placement</li> <li>4. <u>3</u> Inspections and Certifications</li> <li>5. <u>3</u> Impounding Structures</li> </ol> <p><b>G. Use Of Explosives</b></p> <ol style="list-style-type: none"> <li>1. <u>1</u> Blaster Certification</li> <li>2. <u>1</u> Distance Prohibitions</li> <li>3. <u>1</u> Blast Survey/Schedule</li> <li>4. <u>1</u> Warnings &amp; Records</li> <li>5. <u>1</u> Control of Adverse Effects</li> </ol>	<p><b>H. <u>1</u> Subsidence Control Plan</b></p> <p><b>I. Roads</b></p> <ol style="list-style-type: none"> <li>1. <u>1</u> Road Construction</li> <li>2. <u>1</u> Certification</li> <li>3. <u>1</u> Drainage</li> <li>4. <u>1</u> Surfacing and Maintenance</li> <li>5. <u>1</u> Reclamation</li> </ol> <p><b>J. Signs &amp; Markers</b></p> <ol style="list-style-type: none"> <li>1. <u>1</u> Signs</li> <li>2. <u>1</u> Markers</li> </ol> <p><b>K. <u>1</u> Distance Prohibitions</b></p> <p><b>L. Revegetation</b></p> <ol style="list-style-type: none"> <li>1. <u>1</u> Vegetative Cover</li> <li>2. <u>1</u> Timing</li> </ol> <p><b>M. <u>1</u> Postmining Land Use</b></p> <p><b>N. Other</b></p> <table border="0" style="width: 100%;"> <tr> <td style="width: 60%;">General</td> <td style="width: 20%; text-align: center;">_____</td> <td style="width: 20%; text-align: center;">1) _____</td> </tr> <tr> <td>Performance</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">2) _____</td> </tr> <tr> <td>Category</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">3) _____</td> </tr> </table>	General	_____	1) _____	Performance	_____	2) _____	Category	_____	3) _____
General	_____	1) _____									
Performance	_____	2) _____									
Category	_____	3) _____									

### Performance Standard Categories 30 CFR Counterpart

<p><b>A. Administrative.....(816/817.71-74)</b></p> <ol style="list-style-type: none"> <li>1. Valid Permit.....773.11</li> <li>2. Mining within Bonded Area.....773.11</li> <li>3. Terms &amp; Conditions of Permit.....773.17</li> <li>4. Liability Insurance.....800.60</li> <li>5. Ownership and Control.....778.13</li> <li>6. Temporary Cessation.....842.11(e) &amp; 816/817.131</li> <li>7. AML Rec. Fees -- Non-Respondant.....870.15(b)</li> <li>8. AML Rec. Fees -- Failure to Pay.....870.15(a)</li> </ol> <p><b>B. Hydrologic Balance.....(816/817.41-57)</b></p> <ol style="list-style-type: none"> <li>1. Drainage Control.....45</li> <li>2. Inspections &amp; Certifications.....49(a)(10)</li> <li>3. Siltation Structures.....46</li> <li>4. Discharge Structures.....47</li> <li>5. Diversions.....43</li> <li>6. Effluent Limits.....42</li> <li>7. Ground Water Monitoring.....41(c)</li> <li>8. Surface Water Monitoring.....41(e)</li> <li>9. Drainage-- Acid - Toxic Materials.....41(f)</li> <li>10. Impoundments.....49</li> <li>11. Stream Buffer Zones.....57</li> </ol> <p><b>C. Topsoil &amp; Subsoil.....(816/817.22)</b></p> <ol style="list-style-type: none"> <li>1. Removal.....22(a)</li> <li>2. Substitute Materials.....22(c)</li> <li>3. Storage and Protection.....22(c)</li> <li>4. Redistribution.....22(d)</li> </ol> <p><b>D. Backfilling &amp; Grading.....(816/817.95-107)</b></p> <ol style="list-style-type: none"> <li>1. Exposed Openings.....816/817.13, 14, 15, &amp; 823.11 &amp; 21</li> <li>2. Contemporaneous Reclamation.....100</li> <li>3. Approximate Original Contour.....102(a)(1)</li> <li>4. Highwall Elimination.....102(a)(2)</li> <li>5. Steep Slopes (includes downslope).....107</li> <li>6. Handling of Acid &amp; Toxic Materials.....102(c)</li> <li>7. Stabilization (rills and gullies).....95(b)</li> </ol>	<p><b>E. Excess Spoil Disposal.....(816/817.71-74)</b></p> <ol style="list-style-type: none"> <li>1. Placement.....71(e)</li> <li>2. Drainage Control.....71(f)</li> <li>3. Surface Stabilization.....71(g)</li> <li>4. Inspections &amp; Certifications.....71(h)</li> </ol> <p><b>F. Coal Mine Waste (Refuse Piles/Impoundments) ....(816/817.81-84)</b></p> <ol style="list-style-type: none"> <li>1. Drainage Control.....83(a)</li> <li>2. Surface Stabilization.....83(b)</li> <li>3. Placement.....83(c)</li> <li>4. Inspections and Certifications.....83(d)</li> <li>5. Impounding Structures.....84</li> </ol> <p><b>G. Use of Explosives.....(816/817.61-68)</b></p> <ol style="list-style-type: none"> <li>1. Blaster Certification.....61(c)</li> <li>2. Distance Prohibitions.....61(d)</li> <li>3. Blast Survey/Schedule.....62-64</li> <li>4. Warnings &amp; Records.....66 &amp; 68</li> <li>5. Control of Adverse Effects.....67</li> </ol> <p><b>H. Subsidence Control Plan.....(817.121-122)</b></p> <p><b>I. Roads.....(816/817.150-151)</b></p> <ol style="list-style-type: none"> <li>1. Road Construction.....150(c)</li> <li>2. Certification.....151(a)</li> <li>3. Drainage.....150(b)-151(d)</li> <li>4. Surfacing and Maintenance.....150(e)-151(d)</li> <li>5. Reclamation.....150(f)</li> </ol> <p><b>J. Signs &amp; Markers .....(816/817.11)</b></p> <ol style="list-style-type: none"> <li>1. Signs.....11(a),(b),&amp;(c)</li> <li>2. Markers.....11(a),(b),(d),(e),&amp;(f)</li> </ol> <p><b>K. Distance Prohibitions.....(761.11)</b></p> <p><b>L. Revegetation.....(816/817.111-116)</b></p> <ol style="list-style-type: none"> <li>1. Vegetative Cover.....111 &amp; 116</li> <li>2. Timing.....113</li> </ol> <p><b>M. Postmining Land Use.....(816/817.133)</b></p>
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July 2, 2001

Co-Op Mining Company  
P.O. Box 1245  
Huntington, UT 84528

Bear Canyon Mine  
Complete, oversight inspection  
June 27, 2001

Participants:

Charles Reynolds, Co-Op Mining Company  
James Smith, Utah Division of Oil, Gas, and Mining (DOGM)  
Henry Austin, Office of Surface Mining (OSM)

I participated in the above inspection of the Bear Canyon Mine on June 27, 2001. This site was selected by the joint OSM/DOGM Evaluation Team for a complete inspection during EY 2001. Weather conditions were hot and dry, with only light rain showers recently. Ground conditions were dry throughout the mine area.

I reviewed the approved permit and inspection/enforcement files in the DOGM Salt Lake City offices on both April 2 and June 26, 2001. I also reviewed OSM's Denver office files before the inspection. Documents and findings reviewed included:

4-25-00 DOGM final report on Birch Spring Investigation; 9-25-00 DOGM approval of a subsidence mitigation plan for Bear Canyon Ridge (hand work/minor blasting has been completed to seal subsidence cracks); 11-27-00 DOGM findings regarding the 10-27-00 informal conference concerning the Bear Canyon Mine permit renewal; 11-2-00 DOGM approval of the Bear Canyon Mine Permit Renewal C015/025 with 3 conditions (all conditions were in compliance at the time of the inspection); 1-11-01 Co-Op submittal of 3<sup>rd</sup> Quarter 2000 water monitoring (also submitted electronically); 1-24-01 Co-Op response package for DOGM's 8-2-2000 Technical Analysis of the Wild Horse Ridge significant permit revision; 2-22-01 DOGM partial inspection report and NOV 2001-43-1-1 for failure of alternate sediment control structures at the ballpark reclamation area (identified as a minor off site impact to a land resource for EY 2001); 3-8-01 Co-Op letter to DOGM concerning the ballpark drainage RC-BP1 and discussing the reclamation status of the ballpark area; 4-27-01 Co-Op letter to DOGM addressing the DOGM deficiencies for the Wild Horse Ridge Revision; 5-21-01 USFS / Manti-La Sal letter to DOGM acknowledging that the USFS 3-15-01 comments have been addressed and requesting that spring 16-7-24-3 (just outside the forest boundary) be added to the monitoring list; 3-29-01 Co-Op transmittal of 2000 Annual Report to DOGM (includes subsidence monitoring); and a 4-01 fax from the Castle Valley Special Services District to DOGM acknowledging that the District completed repairs to the Big Bear Spring collection box on April 5 and returned the spring to the system.

Bear Canyon Mine; pg. 2

Records reviewed at the mine included: new surety bond of \$1.8 million, including the Wild Horse Ridge revision, was being finalized during the inspection; liability insurance expires 1-1-02; subsidence certification dated 10-16-00 noted in 2000 Annual Report; SPCC on file and certified; 1<sup>st</sup> Quarter 2001 sediment pond inspections are current and monthly DMR's are current showing no discharges from sediment ponds through May 2001; 5-10-01 letter to Co-Op Mining Company (C. W. Mining) from the Castle Valley Special Service District documenting the work done on Big Bear Spring from 2-00 through 4-2-01; and the current UPDES Permit was effective 5-1-98. This concluded the record review, which was conducted after our field inspection.

We made the following stops and observations on the field inspection: we inspected the three sediment ponds c, b, and a. The ponds were not discharging and pond c was only damp from recent showers. The pond embankments appeared stable, were well vegetated, with no erosion evident. Pond a was cleaned out and recertified during August 2000. The stream buffer zones were clearly marked and the permittee has done a commendable job of keeping these areas in an undisturbed condition, no coal dust or coal / trash evident in the stream buffer zones. The shop area was orderly and well maintained; the south facing canyon / fresh water bypass was clear and well maintained. Disturbed area markers have been enhanced recently and appeared adequate in most areas, Mr. Smith made some suggestions to improve them in a few small areas. Markers should be clearly established before clearing and construction of the new facilities for the Wild Horse Ridge expansion. The coal processing plant wash down water was flowing to pond a as designed, and the processing area / coal stockpiles / truck loadout area was well organized and maintained. The topsoil stockpiles inspected were well vegetated and stable. The portal access roads were well maintained and the culverts inspected were clear and functional. The upper access road to Mine #1 will be reclaimed in approx. 1 year. The fan pads and power substations inspected were stable and well maintained. We concluded the field inspection at the ball field area. The alternate sediment control cited in the above NOV has been replaced and is functional, the NOV has been terminated. Sediment in this area did not reach Bear Creek, and we agreed this violation was a minor impact to a land resource as noted above. As noted above, Co-Op's letter to DOGM dated 3-8-01 discusses plans / proposals for this area. DOGM is evaluating this area to determine if the soil material here will be necessary for future reclamation of existing disturbed areas. Co-Op proposes to leave the area as is, and initiate the phase bond release process here. The permittee should address the bindweed infestation on the ball field area before it gets worse than it is presently. This concluded the field inspection, and we then conducted the mine office records review noted above.

Please address any questions concerning this report to Henry Austin at [haustin@osmre.gov](mailto:haustin@osmre.gov) or to (303) 844-1400 X1466.