0001

December 20, 1985

TO: Tom Munson, Rick Smith, Kathy Mutz, Ev Hooper and Pam Grubaugh-Littig

FROM: JW John Whitehead, Permit Supervisor/Reclamation Hydrologist

RE: Beaver Creek Coal Company, Gordon Creek #2, Revision G, (#8 Mine Portal) ACT/007/016, Folder No. 3, Carbon County, Utah

This memo is to provide guidance on the current review of this revision and to transmit an assignment sheet for regulations to be reviewed (see attached).

This revision involves a change in accessing coal reserves which are already a part of the #2 mine permit. It has been determined a revision because the disturbed acreage encompasses more than 5% of the presently disturbed area.

Our first objective is to determine if the plan is complete using the 780 regulations. In addition please include all Technical Deficiencies using the 817 regulations. The product we will submit to Beaver Creek will be a DOC/TD letter by regulation.

Not all regulations will be applicable in this review. Only those regulations which apply to the installation of the portals and the related surface disturbance should be covered. If a regulation on the assignment sheet is not applicable, please note it as such on your write up.

As we discussed in our team meeting of December 18, 1985, we will also, proceed with the mid-term review of the Gordon Creek #2 permit at this time. Please consult the 817 regulation assignment sheet for the regs you will be responsible for in the midterm. More specific detail on the scope of our mid-term will be forthcoming shortly.

Thanks for your effort on this review.

jvb
0141R-45

APPARENT COMPLETENESS REVIEW

Lead Reviewer: John Whitehead

Co-lead Reviewer: Kathy Mutz

Plan: Beaver Creek Coal #8 mine Revision G

Operator: Beaver Creek Coal Co.

Contact Person: Dave Guy

ACT/007/016

Date Plan Received: _____

Date Copies Sent to Cooperative Agencies: 12/16/85

OSM: 8

DWR: 1

Hist: 1

Wat. Res.: 1

Health: 1

Objective Date for Completeness Review: 1-3-86

Engineering Pam Grubaugh-Littig

Hydrology Tom Munson

Veg/Wildlife Kathy Mutz

Soils Ev Hooper

Geology Rick Smith

STATE REVIEW STATUS

Organization	Person	Objective Date	Date Completed
1. Wildlife Resources			
2. History			
3. Water Resources			
4. Health			
5. Division of Oil, Gas & Mining			
A. General			
771.23 General requirements for format and contents	All		
771.25 Permit fees ($5 fee on submission)	JW		
771.27 Verification of application (under oath)	JW		
B. Legal Compliance			
782.13 Identification of interests	JW		
782.14 Compliance information	JW		
782.15 Right of entry and operation information	Km		
782.16 Relation to areas designated unsuitable for mining	Km		
782.17 Permit term information	Km		
782.18 Personal injury and property damage insurance information	PGL		
782.19 Identification of other licenses and permits	Km		
782.20 Identification of location of public office for filing of application	Km		
782.21 Newspaper advertisement and proof of publication	Km		
C. Environmental Resource Information			
783.11 General requirements	All		
783.12 General environmental resources information	All		
783.13 Description of hydrology and geology	—		
a. ground water	RVS		
(1) location and quantity	↓		
(2) quality	↓		
b. surface water	TM		
(1) location and quantity	↓		
(2) quality	↓		

State Review Status (continued

Organization		Person	Objective Date	Date Completed
C.	Environmental Resource Information (continued)			
783.14	Geology description	RVS		
783.15	Ground water information	RVS		
783.16	Surface water information	TM		
783.17	Alternative water supply information	TM		
783.18	Climatological information	KM		
783.19	Vegetation information	KM		
783.20	Fish and wildlife resources information	KM		
783.21	Soil resources information	EH		
783.22	Land-use information	EH		
783.24	Maps: general requirements	PGL		
783.25	Cross sections, maps and plans	PGL		
783.27	Prime farmland investigation	EH		
D.	Requirements for Operation Plan			
784.11	Operation plan: general requirements	All		
784.12	Operation plan: existing structures	NA		
784.23	Operation plan: maps and plans	All		
784.24	Transportation facilities	PGL		
784.26	Air pollution control plan	KM		
E.	Requirements for Reclamation Plan			
784.13	General requirements	All		
784.14	Protection of hydrologic balance	TM		
784.22	Diversions	TM		
784.15	Postmining land uses	KM		
784.16	Ponds, impoundments, banks, dams and embankments	TM		
784.17	Protection of public parks and historic places	KM		
784.18	Relocation or use of public roads	PGL		
784.19	Underground development waste	PGL		
784.20	Subsidence control plan	RVS		
784.21	Fish and wildlife plan	KM		
784.25	Return of coal processing waste to abandoned underground workings	PGL		

PERMANENT PROGRAM PERFORMANCE STANDARDS

Technical Analysis (TA)
Conducted by the Division of Oil, Gas, and Mining
#8 Mine Revision G

Company Name Beaver Creek Coal Company ACT/007/016

Company Contact Person Dan Guy

Plan Review Lead John Whitehead Co-lead Kathy Mutz

Date Initiated _____ Date Completed _____

	Review Person	Date Completed
Division of Wildlife Resources		
State Historic Preservation Office		
Division of Water Resources		
Department of State Health		
Office of Surface Mining		
United States Geological Survey		
United States Forest Service		
Bureau of Land Management		
817.1 Scope.	JW	
817.11 Signs and Markers.	EH	
817.13 Casing and Sealing of Exposed Underground Openings: General Requirements.	RVS	
817.14 . . .: Temporary.	↓	
817.15 . . .: Permanent.	↓	
817.21 Topsoil: General Requirements.	EH	
817.22 . . .: Removal.	↓	
817.23 . . .: Storage.	↓	
817.24 . . .: Redistribution	↓	
817.25 . . .: Nutrients and Soil Amendments.	↓	
817.41 Hydrologic Balance: General Requirements.	TM	
817.42 . . .: Water Quality Standards and Effluent Limitations.	↓	

		Review Person	Date Completed
817.43	Hydrologic Balance: Diversions and Conveyance of Overland Flow, Shallow Ground Water Flow, and Ephemeral Streams.	TM	
817.44	. . .: Stream Channel Diversions.		
817.45	. . .: Sediment Control Measures.		
817.46	. . .: Sedimentation Ponds.		
817.47	. . .: Discharge Structures.		
817.48	. . .: Acid-forming and Toxic-forming Materials.	EH	
817.49	. . .: Permanent and Temporary Impoundments.	TM	
817.50	. . .: Underground Mine Entry and Access Discharges.	RVS	
817.52	. . .: Surface and Ground Water Monitoring.	TM/RVS	
817.53	. . .: Transfer of Wells.	RVS	
817.54	. . .: Water Rights and Replacements.	N.A.	
817.55	. . .: Discharge of Water into an Underground Mine.	TM	
817.56	. . .: Postmining Rehabilitation of Sedimentation Ponds, Diversions, Impoundments, and Treatment Facilities.	TM	
817.57	. . .: Stream Buffer Zones.	TM	
817.59	Coal Recovery.	PGL	
817.61	Use of Explosives: General Requirements.	PGL	
817.62	. . .: Preblasting Survey.		
817.65	. . .: Surface Blasting Requirements.		
817.67	. . .: Seismographic Measurements.		
817.68	. . .: Records of Blasting Operations.		
817.71	Disposal of Underground Development Waste and Excess Spoil and Nonacid and Nontoxic-forming Coal Processing: General Requirements.		
817.72	. . .: Valley Fills.		

		Review Person	Date Completed
817.73	Disposal of Underground Development Waste and Excess Spoil and Nonacid and Nontoxic-forming Coal Processing: Head-of-hollow Fills.	PGL	
817.74	. . .: Durable Rock Fills.		
817.81	Coal Processing Waste Banks: General Requirements.		
817.82	. . .: Site Inspection.		
817.83	. . .: Water Control Measures.		
817.85	. . .: Construction Requirements.		
817.86	. . .: Burning.		
817.87	. . .: Burned Waste Utilization.		
817.88	. . .: Return to Underground Workings.		
817.89	Disposal of Non-coal Wastes.		
817.91	Coal Processing Waste: Dams and Embankments: General Requirements.		
817.92	. . .: Site Preparation.		
817.93	. . .: Design and Construction.		
817.95	Air Resources Protection.	Km	
817.97	Protection of Fish, Wildlife, and Related Environmental Values.		
817.99	Slides and Other Damage.	PGL	
817.100	Contemporaneous Reclamation.	Km	
817.101	Backfilling and Grading: General Requirements.	PGL	
817.103	. . .: Covering Coal and Acid- and Toxic-forming Materials.	EH	
817.106	Regrading or Stabilizing Rills and Gullies.	PGL	
817.111	Revegetation: General Requirements.	Km	
817.112	. . .: Use of Introduced Species.		
817.113	. . .: Timing.		

		Review Person	Date Completed
817.114	Revegetation: Mulching and Other Soil Stabilizing Practices.	KM	
817.115	. . .: Grazing.		
817.116	. . .: Standards for Success.		
817.117	. . .: Tree and Shrub Stocking for Forest Land.		
817.121	Subsidence Control: General Requirements.	RVS	
817.122	. . .: Public Notice.		
817.124	. . .: Surface Owner Protection.		
817.126	. . .: Buffer Zones.		
817.131	Cessation of Operations: Temporary.	PGL	
817.132	. . .: Permanent.	PGL	
817.133	Postmining Land Use.	KM	
817.150	Roads: Class I: General.	PGL	
817.151	. . .: Location.		
817.152	. . .: Design and Construction.		
817.153	. . .: Drainage.		
817.154	. . .: Surfacing.		
817.155	. . .: Maintenance.		
817.156	. . .: Restoration.		
817.160	Roads: Class II: General.		
817.161	. . .: Location.		
817.162	. . .: Design and Construction.		
817.163	. . .: Drainage.		
817.164	. . .: Surfacing.		
817.165	. . .: Maintenance.		
817.166	. . .: Restoration.		

	Review Person	Date Completed
817.170 Roads: Class III: General.	PGL	
817.171 . . .: Location.		
817.172 . . .: Design and Construction.		
817.173 . . .: Drainage.		
817.174 . . .: Surfacing.		
817.175 . . .: Maintenance.		
817.176 . . .: Restoration.		
817.180 Other Transportation Facilities.		
817,181 Support Facilities and Utility Installations.		

Additional Information
Addendums or Modifications Submitted by Operator

Title	Date Reviewed