



STATE OF UTAH  
NATURAL RESOURCES  
Oil, Gas & Mining

Scott M. Matheson, Governor  
Temple A. Reynolds, Executive Director  
Dianne R. Nielson, Ph.D., Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

July 13, 1984

Mr. Dan Guy, Manager  
Permitting and Compliance  
Beaver Creek Coal Company  
P. O. Box 1378  
Price, Utah 84501

Dear Mr. Guy:

RE: Final Technical Analysis and Decision Document, C. V. Spur  
Preparation Plant, ACT/007/022, Folder #2, Carbon County, Utah

Enclosed please find the Division's Final Technical Analysis  
(TA) and Decision Document for Beaver Creek Coal Company's C. V.  
Spur Preparation Plant.

The Division is now prepared to issue approval of the Mining and  
Reclamation Plan for the C. V. Spur Preparation Plant under the  
Approved Utah State Program. This approval will be issued after  
your review of the enclosed documents, written acceptance of  
Stipulations contained therein and posting of the bond.

Should you have any questions regarding these documents, please  
contact the Division at your earliest convenience.

Sincerely,

  
Dianne R. Nielson  
Director

DRN/mmb:btb

Enclosures

cc: Allen Klein, OSM  
Barbara Roberts, Attorney General's Office  
R. Daniels, DOGM  
J. Smith, DOGM  
M. Boucek, DOGM  
J. Whitehead, DOGM

86900

STIPULATIONS DOCUMENT

Beaver Creek Coal Company  
C. V. Spur Preparation Plant  
ACT/007/022, Carbon County, Utah

July 13, 1984

Stipulations 817.46-(1-2)-JW

1. The applicant must commit in writing, within 30 days of permit approval, to re-establishing the 10-year, 24-hour storm runoff detention volumes in all sediment ponds within 30 days after a storm event or when plant water overflows occupy any of the volume needed to contain the 10-year, 24-hour storm event.
2. The applicant must submit, within 30 days of permit approval, either: (1) revised drawings and calculations demonstrating that pond #6 can contain the 10-year, 24-hour storm runoff volume and one year of sediment volume; or (2) complete plans including cross-sections and supporting calculations to increase the size of pond #6 to contain the 10-year, 24-hour storm runoff volume and one year of sediment volume.

Stipulations 817.48-(1)-JW

1. The applicant shall submit once each year, by January 1, to the regulatory authority a chemical analysis of each individual coal seam that will be or is being processed in the cleaning plant. The analysis shall depict pH, percent sulphur, and neutralization potential as tons of Ca, Co, equivalent per 1,000 tons of material.

In addition, on an annual basis, by January 1, the applicant will submit analysis of refuse material from a representative sampling of the refuse disposal area depicting the previously mentioned constituents.

## FINDINGS DOCUMENT

Beaver Creek Coal Company  
C. V. Spur Preparation Plant  
ACT/007/022, Carbon County, Utah

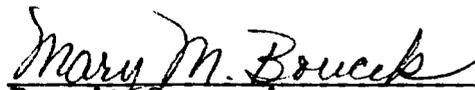
July 13, 1984

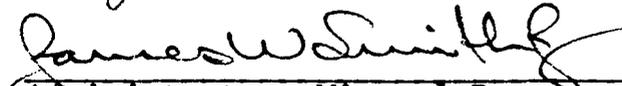
1. The plan and the permit application are accurate and complete and all requirements of the approved Utah State Program have been complied with (786.19[a]).
2. The applicant proposes acceptable practices for the reclamation of disturbed lands. These practices have been shown to be effective in the short-term; there are no long-term reclamation records utilizing native species in the western United States. Nevertheless, the Utah Division of Oil, Gas and Mining (DOGM) staff has determined that reclamation, as required by the Act, can be feasibly accomplished under the Mining and Reclamation Plan (MRP) (see Technical Analysis [TA], Section UMC 817.111-.117) (UMC 786.19[b]).
3. The assessment of the probable cumulative impacts of all anticipated coal mining in the general area on the hydrologic balance has been made by the regulatory authority. The mining operation proposed under the application has been designed to prevent damage to the hydrologic balance in the permit area and in the associated off-site areas (UMC 786.19[c]). (See Cumulative Hydrologic Impact Analysis (CHIA) Section, attached to this Findings Document.)
4. The proposed permit area is:
  - A. Not included within an area designated unsuitable for underground coal mining operations (MRP, page 2-16).
  - B. Not within an area under study for designated lands unsuitable for underground coal mining operations (MRP, page 2-16).
  - C. Not on any lands subject to the prohibitions or limitations of 30 CFR 761.11(a) (national parks, etc.), 761.11(f) (public buildings, etc.) and 761.11(g) (cemeteries) (MRP, page 2-16, Section 3.4.1.2, 3.4.2, Section 5, Plate 4-1).
  - D. Not within 100 feet of the outside right-of-way line of a public road, except for site access which is allowed (UMC 761.11) (MRP, page 2-16).
  - E. Not within 300 feet of any occupied dwelling (UMC 786.19[d]) (MRP, page 2-16).

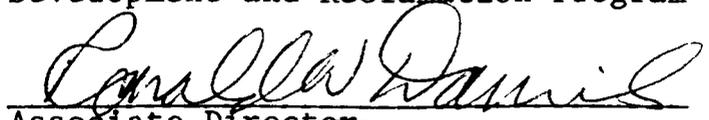
5. The regulatory authority's issuance of a permit is in compliance with the National Historic Preservation Act and implementing regulations (36 CFR 800) (UMC 786.19[e]). See attached letter from SHPO dated November 7, 1983.
6. The applicant has the legal right to enter the permit area through one Special Warranty Deed, dated November 11, 1977, which conveys surface ownership to the applicant (MRP, Section 4.3.4). This is a coal preparation and loadout facility which does not involve underground or surface mining on-site (UMC 786.19[f]).
7. The applicant has shown that prior violations of applicable law and regulations have been corrected (MRP, Section 2.0, Table 2-3) (UMC 786.19[g]).
8. Neither Beaver Creek Coal Company nor its parent company, Atlantic Richfield Company, are delinquent in payment of fees for the Abandoned Mine Reclamation Fund for active mining operations (UMC 786.19[h]) (personal communication, John Sender, OSM, Albuquerque, January 12, 1984 and April 9, 1984).
9. The applicant does not control and has not controlled mining operations with a demonstrated pattern of willful violations of the Act of such nature, duration and with such resulting irreparable damage to the environment as to indicate an intent not to comply with the provisions of the Act (UMC 786.19[i]) (see MRP, Section 2.0 and Table 2-3).
10. Underground coal mining and reclamation operations to be performed under the permit will not be inconsistent with other such operations anticipated to be performed in areas adjacent to the proposed permit area (UMC 786.19[j]). This is a coal preparation and loadout facility located on surface owned by the applicant, and there are no mining operations in the immediate vicinity.
11. A detailed analysis of the proposed bond had been made. The bond estimate in the amount of \$2,001,525.40 (1984 dollars) has been deemed adequate by the regulatory authority and is attached to the TA. The regulatory authority has made appropriate adjustments to reflect costs which would be incurred by the State, if it was required to contract the final reclamation activities for the minesite and the regulatory authority feels that this is adequate. The bond shall be posted (UMC 786.19[k]) with the regulatory authority prior to final permit issuance. An interim bond in the amount of \$550,000.00 is currently on file with the State.

12. No lands designated as prime farmlands occur on the permit area (MRP, Section 8.3.3, Figure 8-1). As this is a coal preparation plant and loadout, distinct from underground mining operations, alluvial valley floor criteria do not apply (UMC 786.19[1]).
13. The proposed postmining land-use of the permit area has been approved by the regulatory authority (see TA, Section UMC 817.133) (UMC 786.19[n]).
14. The regulatory authority has made all specific approvals required by the Act, and the approved State Program (UMC 786.19[n]).
15. The proposed operation will not affect the continued existence of any threatened or endangered species or result in the destruction or adverse modification of their critical habitats (MRP, Section 9.4, Section 10.3.3; see attached Division of Wildlife Resources [DWR] letter dated December 13, 1983) (UMC 786.19[o]).
16. All procedures for public participation required by the Act, and the approved Utah State Program have been complied with (UMC 741.21[a][2][ii]).
17. The regulatory authority has determined that the operations to be conducted are in compliance with the requirements of UMC 827.

Prior to the permit taking effect, the applicant must forward a letter stating its compliance with the special stipulations in the permit and post the performance bond for reclamation activities.

  
\_\_\_\_\_  
Permit Supervisor

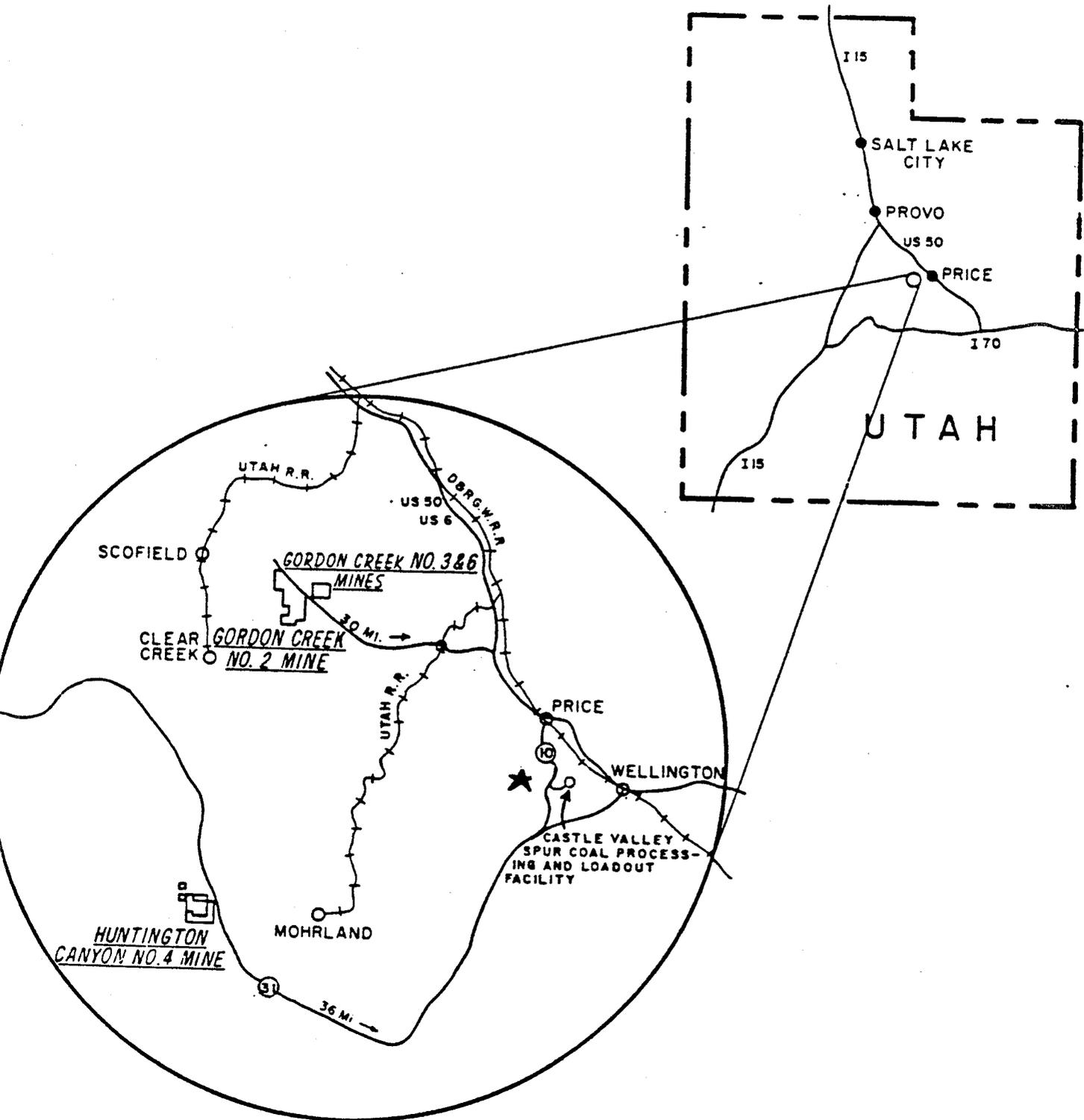
  
\_\_\_\_\_  
Administrator, Mineral Resource  
Development and Reclamation Program

  
\_\_\_\_\_  
Associate Director

  
\_\_\_\_\_  
Director

# BEAVER CREEK COAL COMPANY

## AREA OF OPERATIONS



MINE PLAN INFORMATION

Castle Valley Spur Coal  
 Mine Name Processing and Loadout Facility State ID: ACT/007/022  
 Operator BEAVER CREEK COAL CO. County Carbon  
 Controlled By J. Herickhoff, President  
 Contact Person(s) Dan Guy/Scott Raymond Position Permits Mgr./Env. Coordinator  
 Telephone: (801) 637-5050

New/Existing Existing Mining Method N/A

Fed. Lease No.(s) N/A  
 Legal Description(s) \_\_\_\_\_  
 \_\_\_\_\_

State Lease No.(s) N/A  
 Legal Descriptions(s) \_\_\_\_\_  
 \_\_\_\_\_

Other Leases (identify) See attached sheet.

Legal Descriptions \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Ownership Data:

<u>Surface Resources(acres)</u>	<u>Existing Permit Area</u>	<u>Proposed Permit Area</u>	<u>Total Life of Mine Area</u>
Federal	-	-	-
State	-	-	-
Private	160	160	160
Other	-	-	-
TOTAL	160	160	160

Coal Ownership(Acres)

Federal	-	-	-
State	-	-	-
Private	160	160	160
Other	-	-	-
TOTAL	160	160	160

<u>Coal Resource Data</u>	<u>Total Reserves</u>	<u>Total Recoverable Reserves</u>
Federal	_____	_____
State	_____	_____
Private	_____	_____
Other	_____	_____
TOTAL	N/A	N/A

<u>Recoverable Reserve Data</u>	<u>Name</u>	<u>Thickness</u>	<u>Depth</u>
Seam	N/A	N/A	N/A
Seam	_____	_____	_____
Seam	_____	_____	_____
Seam	_____	_____	_____
Seam	_____	_____	_____
Seam	_____	_____	_____

Mine Life 30 years  
Average Annual Production 1 million tons/year Percent Recovery 82% (washing recover  
Date Projected Annual Rate Reached 1981  
Date Production Begins 1978 Date Production Ends 2008  
Reserves recoverable by: (1) Surface Mining N/A  
(2) Underground Mining N/A  
Reserves Lost Through Management Decision N/A  
Coal Market Power Generation (Steam)

<u>Modifications that have been approved:</u>	<u>Date:</u>
Raw Coal Handling Facility (Trail Mtn.)	8/18/80
Thickener Overflow Pond	9/24/81
Shop/Lab/Warehouse	9/8/81
Raw Coal Handling and Storage	3/15/83
Plant Overflow Pond	4/21/83
Sediment Control Modification	10/20/82
_____	_____
_____	_____
_____	_____
_____	_____