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State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

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801-538-5340

DATE: August 14, 1992

TO: Pamela Grubaugh-Littig, Permit Supervisor

FROM: Wm. J. Malencik, Reclamation Specialist *WJM*

RE: C.V. Spur Mid-Term Review, Status of Documents

007/022 #2

Enclosed are seven copies of C.V. Spur Midterm Review submitted by the permittee on 4/13/92 and approved by the Division. We have reviewed the documents and they fall into two categories i.e., those that have been superseded and those that are current.

DOCUMENTS NOT TO BE FILED IN MRP OR SUPERSEDED BY OTHER APPROVALS:

-Pages 1 - 4, Midterm Review Items is an informal checklist and should not be filed in the MRP.

-Page 7-94 dated 4/15/92, Sediment Cleanout Determination is an outdated document. The permittee submitted a proposal to utilize sediment markers in lieu of surveys in order to determine pond cleanout levels. Believe this has been approved as a subsequent amendment.

DOCUMENTS STILL CURRENT AND SHOULD BE PROCESSED AND FILED IN THE MRP:

-Page 2-1 dated 4/15/92 with the heading of Legal, Financial, Compliance and Related information.

-Page 3-24a dated 4/15/92 concerning roads.

-Maps (3)

- 1) -Surface Facilities and Operations Plan, Plate 3-2.
- 2) -C.V. Spur Water Monitoring Location Map, Plate 7-1.
- 3) -Sediment Pond 006 as constructed, Plate 7-46.

Enclosures (7)

ACT 10071022 #2

Mining and Reclamation Plan
Castle Valley Spur Processing and Loadout Facility Permit
Application

Water Control Measures (continued)

The completed refuse pile is not designed to purposely impound water, but rather to drain the top and side slopes to properly sized structures which convey runoff to Pond 5; however, during the course of pile construction, minor undulations may exist temporarily due to the large surface area of the pile and the periodic nature of material deposition without the consistent import from the wash plant. These areas may impound small amounts of water for short periods of time.

The pile is regraded on a regular basis, and any such undulations will be graded out at least quarterly. The overall slope on the refuse pile will be maintained to provide positive drainage as shown in the plan.

Castle Valley Spur Coal Processing and Loadout Facility Permit
Application

9.3.2.2 Disturbed Community (continued)

Shadscale	<u>Atriplex confertifolia</u>
Matbush	<u>Atriplex corrugata</u>
Indian Ricegrass	<u>Oryzopsis hymenoides</u>
Stemless Evening	
Primrose	<u>Oenothera caespitosa</u>
Saltbush	<u>Atriplex cuneata</u>

In the northeast portion of this area some small areas now exist which are dominated by matbush or saltgrass. Abandoned agricultural land covers 12.9% of C.V. Spur.

9.3.2.3 Plant Species List

Table 9-5 presents the plant species observed at C.V. Spur. Within that table, plants observed or sampled within the reference area and affected areas are marked. Identification was through the use of Cronquist et al. (1972) and Welsh and Moore (1973).

9.3.2.4 Total Acres in Plan Area

There are currently 117.0 acres disturbed in the Mine Plan area, plus an additional 5.28 acres for the river pump and pipeline. Future coal processing activities may disturb an additional 17.69 acres of the salt desert area for future coal refuse area. (This is area 5-d shown on Figure 7-5., p. 7-65).

9.3.2.5 Reference Area

A reference area in the Shadscale Phase of the salt desert community was selected to represent the vegetation of C.V. Spur. The reference area is located within the extreme southwest corner of C.V. Spur. It is bordered on the south primarily by a paved road, on the north and east by an irrigation canal, and on the west by the entrance road to the C.V. Spur.

Exhibit "A" - SURFACE DISTURBANCE
August 1988

Permit Number ACT/007/022
Effective Date Aug. 7, 1989

SURFACE DISTURBANCE

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In accordance with the RECLAMATION AGREEMENT, the OPERATOR intends to conduct coal mining and reclamation activities on or within the surface DISTURBANCE as described hereunder:

Total acres of SURFACE DISTURBANCE 122.28 acres (more or less)

Legal Description of SURFACE DISTURBANCE:

117 ac. in $W\frac{1}{2}SW\frac{1}{4}$ (except 0.24 ac. in NW corner), and $E\frac{1}{2}SW\frac{1}{4}$ (except East 100'), Section 11, T15S, R10E, S.L.B. & M.

5.28 ac. in $SE\frac{1}{4}NW\frac{1}{4}$ and $NW\frac{1}{4}NW\frac{1}{4}$, Section 11, $W\frac{1}{2}SW\frac{1}{4}$, $S\frac{1}{2}NW\frac{1}{4}$ and $NE\frac{1}{4}NW\frac{1}{4}$ Section 2, T.15 S., R.10E., S.L.B. & M. for pipeline and river pump right-of-way.

Note: This page revised by D. Guy on 6/24/92 to reflect actual disturbed acreage instead of total acres.

Mining and Reclamation Plan
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6/24/92

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DATE

Castle Valley Spur Coal Processing and Loadout Facility Permit
Application

9.3.2.2 Disturbed Community (continued)

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