

0004

MEC

Mangum
Engineering
Consultants

*File ACT/015/025
#2*

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RECEIVED
JAN 22 1991

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**DIVISION OF
OIL, GAS & MINING**

21 January 1991

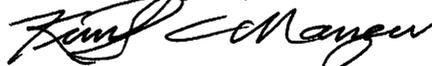
Ref: Division Order, Bear Canyon Mine, Co-Op Mining Company,
ACT/015/025, Emery County, Utah

Attached with this letter are 4 copies of revised pages and Plates. These Plates and pages have been adjusted following suggestions from the Division Order comments, received 7 December 1990, (ltr dated Nov 27, 1990). Additional copies of this material will be forwarded to the Division upon request.

Many of the items address issues that involve the new maps that are being generated. As has been stated in a letter concerning the new maps and related NOV #90-34-1-1, these maps have not been completed. Closing related issues are contingent upon completion of these maps.

Completion of the new maps and related issues is expected to take over two months. New hydrology calculations must be completed, mass balance calculations have to be made, as well as on-site investigations to verify map information. Co-Op is actively pursuing completion of all issues. If a stipulated permit can be issued allowing adequate time for completion of open issues, it may prove to be expedient.

Thank you,



Kimly C. Mangum, P.E.
Permitting & Compliance Consultant.

Enclosure(s)
cc: Co-Op Mining Co.

PAGE 1

Items #1 & #2

p 2-2 thru
2-5, 2B-20

Text has been updated to more clearly define the relationship between C.O.P. and Co-Op. A written statement of consent, from the coal lease assignee to mine coal, is added to Appendix 2-B.

Item #3

This issue involves completion of the new maps.

PAGE 2

Item #4

App. 8-C

A reconnaissance inspection was performed by the U.S. Department of Agriculture, Soil Conservation Service in Nov. 1990. The letter received from SCS did not address every section within the permit area as requested and SCS promised to send a new letter in Dec 1990. No response has been received. The investigation showed no Prime Farmlands within the area.

Item #5

App. 8-B

An Order 1, Soil Survey was conducted on the entire operational area, in Nov. 1990 by the U.S. Department of Agriculture, Soil Conservation Service. The copy of the report was not of good enough quality to reproduce. I requested a better copy in Dec 1990 and have been promised a new one. No response has been received.

Item #6

p 3-45

Text has been corrected on page 3-45. The referenced statement was not found on page 8-24 (10/90) or any others. If you are aware of any additional locations in the text, please advise and they will be corrected.

Item #7

p 8-23

Description of measures used to protect topsoil material from wind and water is found in Section 8.7. "Immediate seeding and mulching" was incorporated into submitted text, prior to receipt of the Division Order, (see Section 8.7.1.3, #4). Construction of a berm is now specifically identified in Section 8.7.1.3, #3.

Item #8

This issue involves completion of the new maps.

PAGE #3

Item #9

References calling for compaction of redistributed plant growth material, were removed from submitted text, prior to receipt of the Division Order (10/90).

Item #10

Plate 3-3 was submitted, showing 8 raptor nest locations, prior to receipt of the Division Order (10/90).

Item #11

p 4A-2

A new letter from the legal owner, C.O.P. Coal Development Company is included.

Item #12

Annual inspection is called for, as required in section 7.2.7.4, p 7-66, submitted prior to receipt of the Division Order (10/90).

Item #13

The issues concerning "non-coal waste", "spoil", "coal processing waste", "underground development waste", or "coal mine waste", were addressed and corrections made and submitted prior to receipt of the Division Order. See Sections 3.5.8, and 3.6.3.2, etc. (10/90).

PAGE #4

Item 14

This issue involves completion of the new maps.

Item 15

This issue involves completion of the new maps.

Item 16

Tables 7.1-8 shows monitoring for years 1990 and 1991 (p 7-41 3/90), and Table, 7.1-9 shows monitoring for years 1992 thru 1995 (p 7-42 3/90), as previously coordinated with the Division. If there are any specific discrepancies, please identify them for correction.

Item 17

This issue involves completion of the new maps.

PAGE #5

Item 18

This issue involves completion of the new maps.