



0012

STATE OF UTAH
NATURAL RESOURCES & ENERGY
Oil, Gas & Mining

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Cleon B. Feight, Division Director

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

August 26, 1982

Mr. Andrew C. King, Mine Engineer
Natomas Trail Mtn. Coal Company
P. O. Box 551
Orangeville, Utah 84537

RE: Response to Request for
Culvert Design Changes
Natomas Trail Mtn. Mine
ACT/015/009
Emery County, Utah

Dear Mr. King:

The Division is in receipt of your August 15 letter requesting approval to make a minor revision in the placement and alignment of the previously approved 66-inch culvert, as yet to be installed.

It is the Division's opinion that this minor alteration will not pose any significant impact to the hydrologic system or constitute the need for a change in our previous approval for this modification. However, we do offer the following comments for clarification and response:

1. It is our understanding that the alignment change will constitute a minor extension of the primary discharge pipe which will connect with the 66-inch culvert.
2. The body of your latest letter states that only one bend will be eliminated from the culvert. However, the accompanying design drawing suggests that two bends will be eliminated or straightened (at Stations 4+80 and 6+30).
3. The Division considers the request for approval to construct a temporary inlet culvert acceptable with the following conditions:
 - A. All previous concerns as outlined in the previous December 7, 1981 approval must be met.

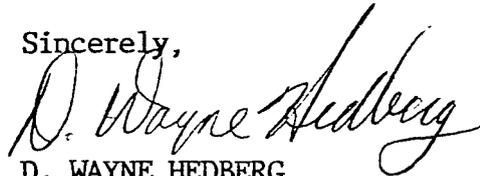
Mr. Andrew C. King, Mine Engineer
ACT/015/009
August 26, 1982
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- B. The temporary inlet must be adequately protected from erosion and channel scour which may result during peak spring runoff flow conditions.
- C. The applicant must submit a general design drawing(s) depicting the type of temporary trash rack and inlet erosional control device(s) to be implemented.
- D. The final permanent inlet structure must be constructed during low flow conditions. This time frame also applies to the possible future extension of the 66-inch culvert not yet decided upon by the operator, nor approved by this Division.

The Division requests a written response to these items within 30 days of receipt of this letter.

If you have any questions pertaining to this letter or its contents, please call me. Thank you for your cooperation.

Sincerely,



D. WAYNE HEDBERG
RECLAMATION HYDROLOGIST

DWH/btb

cc: Shirley Lindsay, OSM
Ken Wyatt, DOGM
Pam Littig, DOGM

copy to Wayne
File! ACT/015/009

NATOMAS
TRAIL
MOUNTAIN
COAL
COMPANY

August 13, 1982

The State of Utah
Natural Resources & Energy
Oil, Gas, & Mining
4241 State Office Building
Salt Lake City, Utah 84114

Attention: Mr. Wayne Hedberg

RE: Culvert Design Changes (Proposed)

Dear Mr. Hedberg:

We would like to submit the enclosed proposed culvert design changes for approval. The change would not affect any surface design changes. The only disturbance would be to the toe of the fill area, which would then be backfilled upon burial. The design change would eliminate one bend in the culvert, thereby improving the water flow characteristics.

looks like 2 bends eliminated

We would also like to submit for approval a request for a temporary delay on the inlet structure. We would like to construct a temporary trash rack at the mouth of the 66 inch culvert. This would give the company more time to decide upon the upper portion of the culvert (i.e. Emergency lease request). Upon making a firm decision on the upper portion, the extension would take place or the permanent headwall would be installed. We would like to have nine (9) months in order to build in the spring or summer of 1983.

We would appreciate your consideration and welcome any questions you may have. Should you need further information, please contact us. Thank you for your kindness in this matter.

Sincerely,

NATOMAS TRAIL MOUNTAIN COAL COMPANY

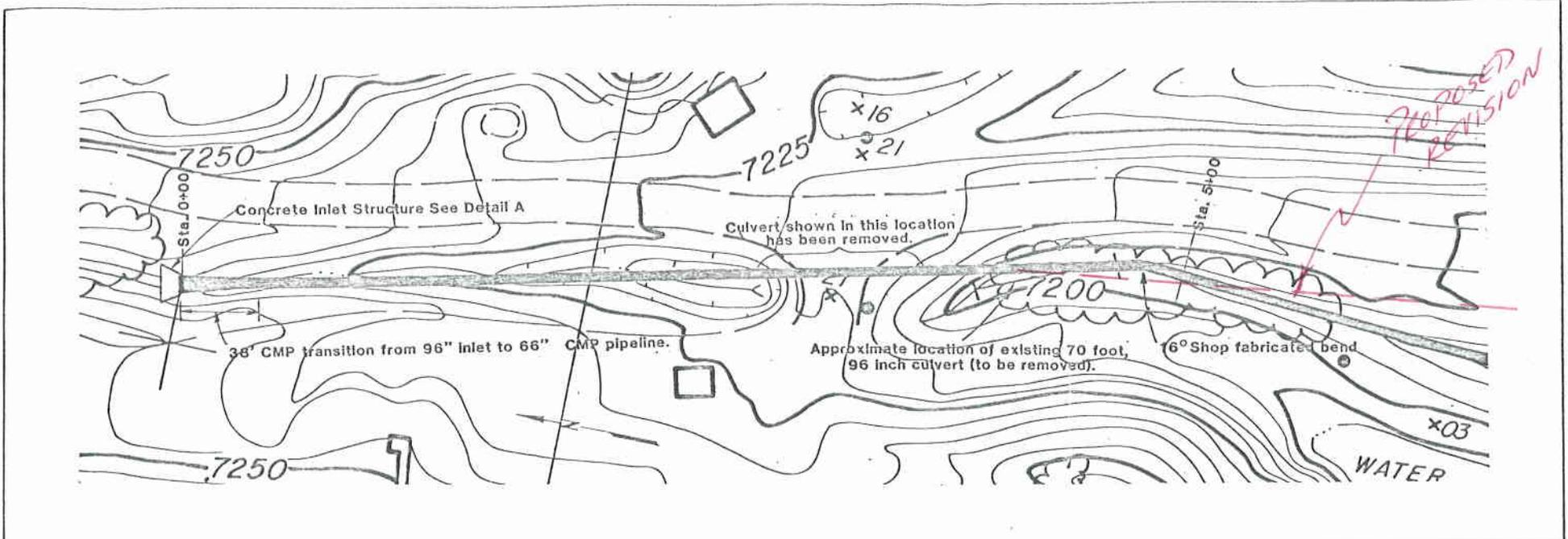
Andrew C. King
Andrew C. King
Mine Engineer

ACK:bt

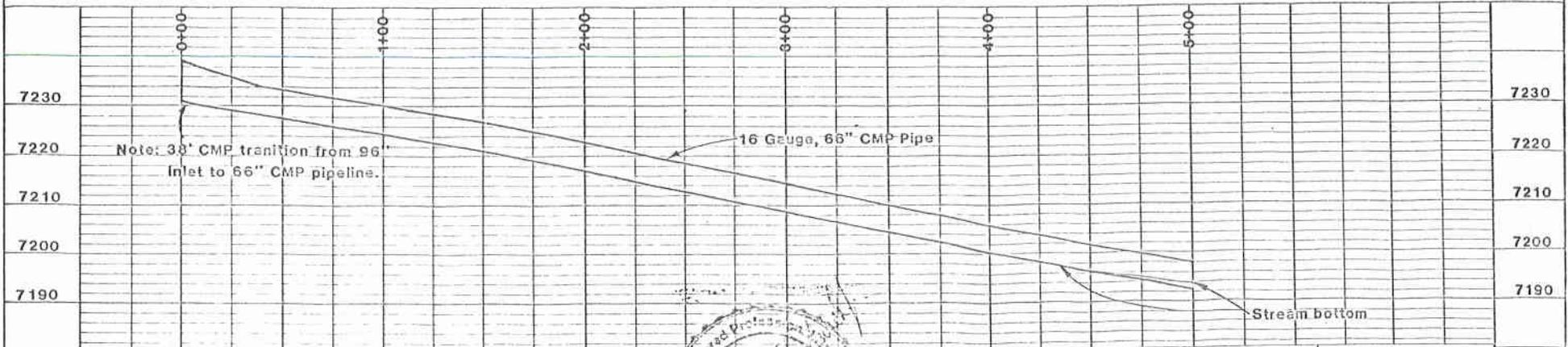
RECEIVED

AUG 17 1982

DIVISION OF
OIL, GAS & MINING



720' PROPOSED REVISION



Note: 38' CMP transition from 96" Inlet to 66" CMP pipeline.

Note: See Detail C for Backfill and Bedding requirements. An 8-inch CMP drainline is to be installed in the bedding beneath the 66-inch culvert from Sta. 5+20 to Sta. 8+20. See Detail C



DESIGNED BY
DRAWN JVL
DATE 9/81
CHECKED
SHEET NO.
A

NATOMAS TRAIL MOUNTAIN
FIGURE 7-13a.
CULVERT DETAILS

Prepared by
VAUGHN HANSEN
ASSOCIATES
Salt Lake City, Utah