Chevron

Chevron Resources Company
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January 17, 1983

James W. Smith, Jr.
Coordinator of Mined Land Development
Utah Division of Oil Gas and Mining
4241 State Office Building
Salt Lake City, Utah 84114

Dear Mr. Smith:

This letter provides you with Chevron Resources response to your letter of January 13, 1983, to O. L. Fyock, concerning the Vernal Phosphate Operation. Accompanying this letter is a draft copy of the addendum to the Mining and Reclamation Plan requested by you. Many of Chevron's responses are contained within the test and attachments of the draft plan and will therefore also be provided with the final plan as well.

1. Please provide details on the slurry ditch involving previously undistrubed acres being implemented downstream from the tailings dam.

   Details concerning the location and design of the slurry ditch are discussed page 12 (Seepage Control Section) of the draft plan.

2. Details regarding the seed mix, mulch rate and application of netting on the fill slopes near Brush Creek should be provided.

   Details concerning the Brush Creek reclamation are discussed in Appendix I, page 14 of the draft.

3. A map showing all surface and ground water monitoring points should be submitted, including a narrative describing sampling frequency and the parameters sampled, as well as data accumulated to date to document the effectiveness of sediment control procedures.

   Chevron's water quality program is discussed in the Water Quality section page 10 of the Mining and Reclamation plan and a map showing the monitoring points is presented as Figure 1 of that section.

4. A map delineating the extent of all buffer zones should be submitted.

   Figure 2 of the Mining and Reclamation plan shows the buffer zones and areas of disturbance to date at the Vernal Phosphate Operation.

5. Toxicity data taken of overburden materials should be provided.

   Details concerning the toxicity of overburden and tailings at the facility are discussed on page 14 of the Toxicity section within the Mining and Reclamation plan. All lab data and field notes are presented as Appendix III.

6. Soils data on the McIntrye tongue, as well as all soils data compiled by Native Plants relative to a November 28, 1982 letter from Mr. Fyock, and all details regarding the procedures for topsoil management should be provided.

   All soils data is presented as Appendix II of the Mine and Reclamation plan. Top soil management is presented on page 5 of the Mining and Reclamation sequence of the plan.

7. A mining and reclamation plan relative to the sagmill must be submitted.

   Details concerning the SAG Mill are discussed in both the Mining and Reclamation and the Processing section of the Mining and Reclamation plan. Figure 3 of that plan shows the location of the SAG Mill and related facilities and studies.

8. All material necessary for updating the bond to reflect current modifications must be provided also.

   This material is presented thoughout addendum Mining and Reclamation plan presented with this letter.

9. An update including any relevant correspondence between your office and the Division of Wildlife Resources (DWR) demonstrating that DWR concerns regarding Chevron's operation as being a potential wildlife migration barrier and having an adverse impact on the fishery have been satisfied, should be provided.

   There has been no written correspondence between the DWR and Chevron. Mr. Clay Perchon, DWR, Vernal confirmed by a phone conversation between he and I on January 14, 1983, that he will respond to the above question in the next few weeks.

Chevron is currently compiling the information required for the annual operations and progress report. It will be submitted in the near future.

I sincerely hope that the information presented with this letter will answer your concerns about the Vernal Phosphate Operations. I will be expecting comments on the draft Mining and Reclamation addendum in the next few weeks so Chevron can submit a final approved version.

Sincerely,

CHEVRON RESOURCES COMPANY

O. L. Fyock
Coordinator
Vernal Phosphate Operation

OLF/bp

cc: R. D. Haddenham