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orig Mine file
cc file (letter only)
S. Linner

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January 8, 1985

ACT/007/009
#14 #2

Ms. Diane Nelson
Utah Division of Oil, Gas & Mining
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

RE: Act/007/009
UT 0041

Dear Ms. Nelson:

In response to a telephone conversation with Ms. Susan Linner on January 8, 1985, the attached page (7 copies) is submitted to revise our Sage Point/Dugout Canyon permit package. The response addresses Permit Condition No. 14: the applicant shall notify the regulatory authority of any slide or surface failures which may occur during operations. The submitted page will completely replace in the permit package text, page I-243 of Volume 1.

If you have additional questions, please call me.

Sincerely,

C. W. Durrett
Environmental Coordinator

CWD/blb

Enclosures

6. SUBSIDENCE CONTROL PLAN (784.20)

6.1 SURFACE FEATURES AND FACILITIES SUBJECT TO SUBSIDENCE

A limited number of surface facilities and renewable resource lands are located in the area where subsidence may be expected to occur. A survey of these areas, which include the area overlying the proposed mine and lands adjacent to that area, has identified those features and facilities that could be adversely affected by subsidence. If due to mining a slide or surface failure occurs during operations the applicant will notify the regulatory agency.

Each owner of property or resident within the area above a underground mining block and adjacent area that could be affected by subsidence if it occurred will be notified by mail at least six months prior to mining. The notification shall contain:

a. Identification of specific areas in which mining will take place;

b. Dates of underground operations that could cause subsidence and affect specific structures; and

c. Measures to be taken to prevent or control adverse surface effects.

6.1.1 GRAZING LANDS

The majority of the area subject to subsidence is currently used for low-intensity grazing of cattle. Steep slopes and cliff areas are not grazed; they are not used for the development of any resources at this time. Subsidence should have no effect on grazing, which is expected to continue during mining operations. No other renewable resources exist in this area.

6.1.2 RECREATIONAL LANDS

The only recreational use of the subsidence area is deer hunting. Since game fish do not occupy any of the streams in the permit area, fishing does not occur. Subsidence should have no effect on any recreational use of the area.

6.1.3 EXISTING STRUCTURES

The only existing structure in the subsidence area is a natural gas pipeline owned by the Mountain Fuels Supply Company. The pipeline is presently in use and will continue to operate during mining. The subsidence control plan has been designed so as to prevent any damage to the pipeline (see Measures to Prevent Subsidence).

At least one year prior to initiation of mining under the pipeline the applicant will provide to the regulatory authority a letter stating that the Mountain Fuel Supply Company has been made aware of potential subsidence under their pipeline.

6.1.4 ROADS

A single, dirt road passes through the subsidence area. This road, which is part of Soldier Creek Road, is used only occasionally by deer hunters and ranchers. Subsidence should not result in any damage to the road; however, if damage does occur, it would be slight and easily repaired.

6.1.5 STREAMS

Streams in the project area are described in detail in Section IV-B.3, Surface Water. The nature of subsidence resulting from the proposed mine plan should not significantly affect any streams. Surface fracturing should be limited or non-existent, and any fractures would be shallow and readily filled. Monitoring stations will be established to monitor subsidence in the vicinity of Pine Creek, the only stream likely to experience measurable subsidence.