

### Document Information Form

Mine Number: C1041/002

File Name: Internal

To: DOGM

From:

Person N/A

Company N/A

Date Sent: JULY 29, 1983

Explanation:

INSPECTION MEMO TO COAL FILE.

cc:

File in: C1 041 , 002 , Internal

- Refer to:
- Confidential
  - Shelf
  - Expandable

Date \_\_\_\_\_ For additional information

July 29, 1983

Inspection Memo  
to Coal File

RE: Southern Utah Fuel Company  
Convulsion Canyon Mine  
ACT/041/002, Folder #7  
Sevier County, Utah

On July 18, 1983, Sandy Pruitt and Doug Maier toured the Convulsion Canyon Mine with Bob Oshner. The following areas were checked:

1. The three breakouts on the southwest slope of Quitchupah Canyon.
2. Outcrops of strata along Quitchupah stream banks which overlies the coal seam and which to the north constitute the roofrock in the accessway beneath the creek.
3. Workings in the Quitchupah Creek accessway.
4. Mine "leachfield" by Quitchupah Creek.

In addition, discussions were held with the operator to determine the status of plans to mine beneath canyon slopes in the Quitchupah drainage area.

The breakouts appear to be well managed and no violations were evident. Buffer zone markers have been posted as requested. All portals were barricaded with fencing or gates with the exception of the southern Quitchupah portal where the cement foundation and PVC pipe for the mine water discharge are located. A new barricade should be constructed to prevent access into the mine as required by UMC 817.13 and UMC 817.14(a).

The outcrops mentioned above were photographed and samples were taken in order to better evaluate the lithology and stability of the roof overlying the accessway. These considerations will be incorporated into the technical analysis portion of the mine plan review along with the results of the observations made in the accessway workings. Regarding the mining under canyon slopes, further developments will have to take place before decisions by the operator or the Division will be made.

Mike Davis accompanied Sandy Pruitt on an inspection of surface facilities. The mine leach-field is undersized (by capacity for 50 people) and it may be plugged or have a broken line also. Sewage is surfacing over the entire field and is nearly a foot deep at the lower end. It did not appear that any sewage had drained from the area or very close to Quitchupah

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Creek (about 600 feet away). SUFCO has submitted plans to the State Department of Health and to the Forest Service, Richfield District. A copy of these plans were also received for DOGM review. The Health Department has requested that the new field be completed by August 1, 1983, but SUFCO representatives indicated the Forest Service is unable to review the plans and permit the construction by that date. DOGM is currently reviewing the plans. The access road is to be relocated, topsoil would be removed from the new field and redistributed for contemporaneous reclamation of the old field and a borrow area may be established. It was requested that buffer zone markers be posted along this section of Quitchupah Creek before construction begins.

The sediment pond was decanted on July 15, 1983. (Notification received from Kerry Frame) in order to survey the pond and modify the discharge pipe. Samples of the discharge were taken before and during the decant. Discharge from the sediment trap by-passed the pond directly into the decant pipe. At the time of this inspection, the quality of the water retained in the sediment trap appeared to be good. No samples of discharge from the sediment trap have been taken yet. It was recommended that at least two samples be taken during the by-pass and at any time the water quality changes. Sometime after the decant was completed the dam for the by-pass from the sediment trap failed and the sediment pond filled with water again. Another decant operation is therefore necessary. SUFCO intends to remove the boulder in the sediment pond and will probably remove sediment (for disposal to the Salina landfill) to enhance the pond volume capacity.

DOUG MAIER  
ENGINEERING GEOLOGIST

SANDY PRUITT   
FIELD SPECIALIST

DM/SP:gl

cc: Tom Ehmett, OSM  
Joe Helfrich, DOGM  
Sue Linner, DOGM  
Mike Davis, SUFCO

Statistics: See J.B. King memo dated July 29, 1983