



State of Utah
 DEPARTMENT OF NATURAL RESOURCES
 DIVISION OF OIL, GAS AND MINING

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**DIVISION OF OIL GAS & MINING
 FIELD VISIT FORM, TECHNICAL**

#2

Date: July 9, 1996 **Time:** 10a **Mine:** Castle Gate Crandall Canyon **File No.:** ACT/007/004

DOGM Staff: Mike Suflita, Hydrologist & Paul Baker, Plant Biologist

Other Attendees: Ben Grimes & Johnny Pappas, Cyprus Plateau and Eric (?), Minchey Digging and Patrick Collins, Mt. Nebo Scientific

Purpose: Inspect culvert and drainage ditch cleanout work.

Observations:

This work is being done as a result of inspections last fall which showed significant plugging of the culverts at the site which led to a DOGM request for cleanout and maintenance.

The following culverts have been cleaned :

The three main cmps through the operations area which convey all of Crandall Creek.

The 7ft. +/- cmp leading from the power substation under the operations pad. The channel below the cmp outlet was cleared out also. This should minimize future plugging.

The slide area in Crandall Creek at the upper pad area has been cleared out and the material used to build up the berm at the pad perimeter. The above culvert work and the slide were concerns in that a storm event could have led to washouts of portions of the pad area.

Drainage ditches from the undisturbed drainage areas on the perimeter of both sides of the operations area have been cleared of rock and sediment. Berms have been rebuilt from the propane tanks down to the upper pad area. The low berm at the edge of Crandall Creek has been built up using material cleared from an adjacent filled-in stretch of stream. Berms have been built up at the lower pad area. New Stream Buffer signs have been erected along the entire creek.

Some work remains, notably clearing the inlets and outlets of the several smaller cmps (18" +/-) which cross the road below the operations area, clearing a cmp inlet below the power substation, and removal of some boulders at the upper cmp conveying Crandall Creek. The Operator assured us these would be done this day after we left.



Recommendations/Conclusions:

The work has basicly restored the site to its design condition and the culverts and ditches can be expected to pass their design flows.

Signature: 

Original: Folder #2. cc: Daron Haddock, Pete Hess, Paul Baker

fldvisit.wpd

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