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

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AG 7

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

Date : November 6, 1996

Time: 4:00 p.m.- 5:45 p.m. HZ

Mine: Horizon (HZ)

File Number: ACT/007/020, Folder #2

DOGM Staff: Sharon Falvey, Susan White, Bob Davidson

Other Attendees: Vicky Bailey, Pat Johnston Horizon Consultants, Robinson Construction

Purpose:

To determine if the sediment control measures were provided on the site so termination of violation N96-35-1-1 could be conducted. Conduct site visit to observe hydrology related issues and ensure appropriate installation.

Observations:

The sediment control measures were in place in the area previously identified as "untreated". However, there were portions of the disturbed area adjacent to the sediment pond embankment which were not being treated with sediment control measures.

Other observations included the following:

Stockpiled river rock was placed for use in the splash basin below the culvert. The basin was elevated and not at a low point in the surrounding area. The riprap was placed one cobble size thick. The material was not properly graded or angular in form. The filter blanket material was not appropriately installed. Because this area is a low gradient which will receive sediment and fill in, it was not requested that this area be reconstructed. However, in the future, should maintenance be required this area should be appropriately installed. Vicky Baily was informed that the remainder of the riprap placement needed to meet the appropriate standards of the plan.

There were a series of three channels dug from the end of the basin that were not described



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in the plan. The plan calls for implementation of the reclaimed channel section. Vicky Baily was informed that grading of the site needed to be conducted in order to prevent runoff from flowing down the previous county road and flowing over the new county road which would be of a negative environmental nature. A silt fence is used along the length of the disturbed area with no clear flow path. Concerns were presented; should a large runoff event occur, the use of the silt fence without incorporating an appropriate channel structure is likely to cause failure of the silt fences. Additional measures should be considered.

The spillway was not yet in place.

Recommendations/Conclusions:

It is recommended that Bill Malencik from the field office visit the site to determine if the violation can be terminated. An additional site visit is necessary to ensure the grading and drainage is adequately completed and the disturbed area silt fences are adequately adjusted for drainage configuration.

Signature: Sharon Falvey on November
14, 1996
Sharon Falvey, Senior Reclamation Hydrologist

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