

**UPDATE TO FORM 27  
WORKPLAN (PHASE III) HOTCHKISS FEDERAL 1289 #17-13  
GUNNISON ENERGY CORPORATION**

**Project: GEC Hotchkiss Federal 17-13 Pit Investigation**

NWSW Section 17, Township 7 South, Range 89 West

COGCC Remediation Number - **5154**

COGCC NOAV Tracking Number - **200257623**

COGCC Spill/Release Tracking Number-**2608144**

OA 010-1370

**Objectives**

To characterize the potential nature and extent of bedrock brine impact down gradient of the former Hotchkiss Federal 1289 #17-13 pit (the site) by advancing a borehole and collecting a soil/cuttings sample.

**Schedule (fieldwork anticipated to begin in July 2011)**

**Borehole Drilling/Sample Collection**

A borehole will be advanced approximately five (5) feet into the native sandstone which underlies the site in an area to the west-southwest of the #17-13 location (see Figure 1). The depth of the borehole is not expected to exceed 80 feet below ground surface. Olsson will be on location to log soils during drilling activities. Once target depth has been reached, samples of the sandstone will be collected and analyzed for benzene, toluene, ethylbenzene, and xylene (collectively referred to as BTEX), sodium adsorption ratio (SAR), electrical conductivity (EC) and pH. The borehole will be backfilled with cuttings when sample collection is complete.

Although groundwater is not anticipated, if encountered, a temporary monitoring well will be constructed. A groundwater sample will be collected and analyzed for BTEX and specific conductance. Samples of the target sandstone will also be collected and analyzed as previously stated.

**Closure Reporting**

When fieldwork has been completed and analytical results have been received, Olsson will prepare a report which will serve as an addendum to the Form 27 originally submitted to the COGCC in 2010.



0 0.02 0.04 0.08 Miles

1 inch = 208 feet



PROJECT NO:	010-1370
DRAWN BY:	Brian Swedhin
DATE:	6/13/2011

GUNNISON ENERGY CORPORATION  
HOTCHKISS FEDERAL #17-13  
PROPOSED BORE LOCATION  
GUNNISON COUNTY, COLORADO



826 21-1/2 ROAD  
GRAND JUNCTION, CO  
81505  
TEL 970.263.7800  
FAX 970.263.7456

FIGURE
1