

Melius & Hockenberry Environmental Services, Inc.

Project Summary

MHES was subcontracted through HF Lenz Co./STV Corporation to complete a ground water development project to serve as a public water supply for the proposed Forest County State Prison. As part of the project, test wells were sited, three production wells were drilled and are in the process of being tested. Blown yields consisted of 275 gpm in Well 1, 425 gpm in Well 2 and 540 gpm in Well 3 after drilling.

As part of the well project, extensive monitoring of streams, water resources, and wetland areas was conducted within a 2500' radius around the well. This monitoring entailed installation of shallow piezometers, pressure transducers, and stream gauges. Flow measurements were recorded utilizing Gurley Meters. Monitoring was conducted prior to, during, and after completion of all pump testing.



Top of well assembly for 48-hour pump test.

The project began in the Fall of 2000 and was completed in 2001

PROJECT PROFILE: *Forest County Prison Groundwater Development Project*

Services Provided

- ◆ Background Investigation
- ◆ Fracture Trace Mapping
- ◆ Preparation of Pre-Drilling Plan
- ◆ Preparation of Bid Documents and Well Construction Specification Packages
- ◆ Extensive Background Monitoring of 13 Sites in the National Forest
- ◆ Drill Inspection and Pump Testing
- ◆ Project Coordination and Management of Subcontractors

Subcontractors

Eichelbergers, Inc.
Mountain Research, Inc.
Harp Excavating



Blown yield of Well No. 2 during drilling.