

**Monthly Progress Report for January 2011
Acquiring and Digitizing Geophysical Well Logs
TWDB Contract No. 1100011198**

Submitted to:

**Texas Water Development Board
P.O. Box 13231
Austin, Texas 78711**

Week of January 18

Significant activities began on the geophysical log scanning project last week – January 18, 2011. Here’s a brief summary of our activity through the end of the week.

We hired five full-time temporary staff to begin sorting boxes of uncataloged geophysical logs into individual counties and identifying "keeper" logs with resistivity or induction logs that reach within 200 to 300 ft of the ground surface. Their first day was Tuesday, January 18. By the end of the first week, they had identified and separated criteria-matching log candidates for 134 counties and had filled at least a banker box with logs from nine of those counties (Atascosa, Borden, Brazoria, Frio, Haskell, Live Oak, Medina, Tyler, and Webb).

The two new log scanners arrived on January 20 and are being set up with dedicated computers in the Bureau's geophysical log facility.

We requested and received commission-level approval from the Railroad Commission of Texas to receive current versions of their GIS well database to aid identification and location of wells for which we have geophysical logs.

This week, we’ll continue the log sorting and highgrading activities and hope to get started scanning a few sample logs to get the process and workflow down.

Week of January 25

Work continued on the geophysical log scanning project last week. Here’s a brief summary of our activity through Friday, Jan. 29, the first full week of project activities.

Under the direction of Daniel Ortuno, five temporary staff continued to sort uncataloged geophysical logs into individual county boxes and to segregate “keeper” logs with resistivity or induction logs that reach within 200 to 300 ft of the ground surface. During the week, 119

boxes were processed, which yielded 3,385 logs that are candidates for scanning. These logs are distributed across 169 counties. When combined with keeper logs from the previous week, there is now at least one candidate log from 196 counties (compared to 134 for the previous week).

The Neuralog scanners were set up with two dedicated computers in the Geophysical Log Facility offices and are ready for scanning to begin. Aaron Averitt is constructing a web application that will allow staff to enter limited log header information from individual logs, identify potential well matches from the new version of the RRC well database, and populate matching fields with API and location information. He is also working on a way to update overall status for geographic coverage relative to the 2.5-minute grid cells as locating and scanning logs progresses.

This week, we are continuing the log sorting and highgrading activities and will begin locating and scanning sample logs to get the process and workflow down.