



BUREAU OF ECONOMIC GEOLOGY

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MONTHLY PROGRESS REPORT

Date June 3, 2011

Reporting Period May 2011

Project Title Locate and Acquire Digital Geophysical Wells Logs and Conduct Data Entry

TWDB Contract No. 1100011198

Sub-grantee Bureau of Economic Geology, The University of Texas at Austin

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During May, BEG staff transitioned from predominantly log sorting and highgrading activities to determining log locations, scanning logs, and conducting data entry. Bureau staff met with TWDB staff to discuss project activities and progress in early May.

The collection of paper logs that have been sorted into counties and meet the TWDB criteria reached a total of more than 67,000. This is the collection of logs that are being located, scanned, and entered into the Access database for delivery to TWDB at the end of the project. These logs are distributed across 249 of Texas' 254 counties.

Progress was also made in the effort to identify API numbers for criteria-matching logs, determine locations, and scan logs from select counties. As of 6/3, 8,315 logs have been scanned (at 300 dpi for color and 400 dpi for gray scale). Data entry has been completed for 5,853 of the scanned logs. These logs are distributed among 193 counties (see attached map) and fill 3,414 2.5-minute grid cells. Through May, we employed two temporary staff members to identify historical logs for scanning. Five others determined log locations, checked for cell matches, scanned logs, and entered data.

During June, we will continue our efforts to locate, scan, and enter the candidate logs, with further ramping up of effort expended on scanning and data entry. We now have four available log-locating service licenses available to us, two scanners operating at full capacity, and ten temporary employees working on the project. For June, this will include one person who sorts logs and provides logs for scanning, three persons who are determining log locations, two persons scanning logs, and four persons who are conducting data entry. We have begun to supplement these logs by scanning previously unscanned, criteria-matching logs from the IGOR collection in counties that have yielded few historical logs. We will continue to evaluate 20,000 scanned logs donated by The University of Texas at El Paso for inclusion in the BRACS database.

Summary Table (through the end of May 2011)

Logs that are scanning candidates	67,319
Counties having candidate logs	249
Scanned logs (through 6/4)	8,315
Database entries (through 6/4)	5,853
Filled 2.5 minute grid cells	3,414

Attached is a map showing the distribution of filled 2.5 minute cells and counties with at least one filled cell as an aid to visualizing status.

BRACS Geophysical Log Progress

Counties and 2.5 minute cells with logs
as of 6/3/2011
Scans: 8,315
Data entries: 5,853
Cells: 3,414
Counties: 197

