



BUREAU OF ECONOMIC GEOLOGY

THE UNIVERSITY OF TEXAS AT AUSTIN

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### MONTHLY PROGRESS REPORT

**Date** September 7, 2011

**Reporting Period** August 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 August, BEG staff continued efforts to determine log locations, scan criteria-matching logs, and conduct data entry and continued scanning logs in the TCEQ surface casing collection and the Bureau's IGOR collection to supplement logs being scanned and entered from the historical collection of unscanned and uninventoried logs.

Progress continued in the effort to identify API numbers for criteria-matching logs, determine locations, and scan logs from select counties. As of 8/30, 24,015 logs have been scanned (at 300 dpi for color and 400 dpi for gray scale or black-and-white). Data entry has been completed for 19,875 of the scanned logs. These logs are distributed among 251 counties (see attached map) and fill 10,946 2.5-minute grid cells. Through August, we employed eight temporary staff members to identify historical and IGOR logs for scanning, determine log locations, check for cell matches, scan logs at the BEG and at TCEQ, and enter data. We completed selecting, scanning, and conducting data entry for the 2004 IGOR logs that had database entries within unfilled cell locations. We continued selecting and scanning gamma logs from the historical log collection for cells where we have found no electrical (resistivity or induction) log. We continued to deploy staff members and two scanners to the TCEQ Surface Casing offices to identify and scan logs in counties for which we have poor coverage until that office was closed for their organizational move to the Railroad Commission of Texas offices in central Austin. We received more than 40,000 scanned logs from the University Lands collection that are being evaluated for inclusion in the BRACS database. A no-cost extension was granted by TWDB that extended the ending date from 8/31/2011 to 12/31/2011 to allow continued scanning and database entry activities.

During September, we will continue our efforts to scan and enter the candidate logs already identified, add criteria-matching IGOR logs to the BRACS collection, identify suitable Surface Casing Estimator logs from past and current counties, scan logs at TCEQ that supplement coverage in numerous low-count counties, and incorporate suitable University Lands logs into the BRACS database. The number of temporary staff will be reduced to three as the project winds down to completion in December.

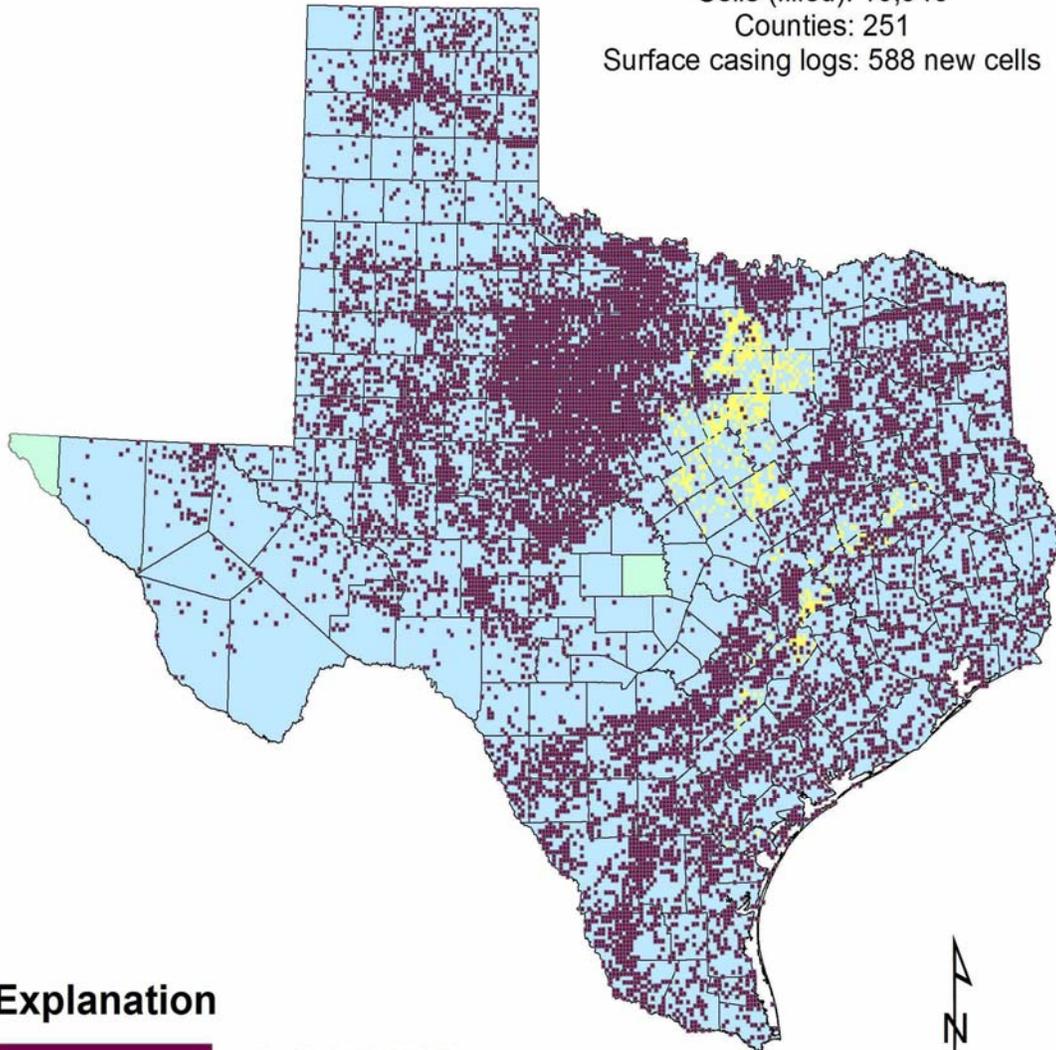
**Summary Table (through August 30, 2011)**

Scanned logs (through 8/30)	24,015
Database entries (through 8/30)	19,875
Filled 2.5 minute grid cells	10,946
Counties with at least one entry	251

Attached is a map showing the distribution of filled 2.5 minute cells, currently empty cells that could be filled with logs scanned for the TCEQ Surface Casing Estimator project, and counties with at least one filled cell.

## BRACS Geophysical Log Progress

Counties and 2.5 minute cells with logs  
as of 8/30/2011  
Scans: 24,015  
Data entries: 19,875  
Cells (filled): 10,946  
Counties: 251  
Surface casing logs: 588 new cells



### Explanation

	filledCells20110830
	surfaceCasingLogCells20110616
	countiesWithLogs20110830

0 62.5125 250 Kilometers  
