



PROJECT

POSGCD MONITORING NETWORK

LAST, BUT NOT LEAST

DATE

8-16-2017

SPEAKER

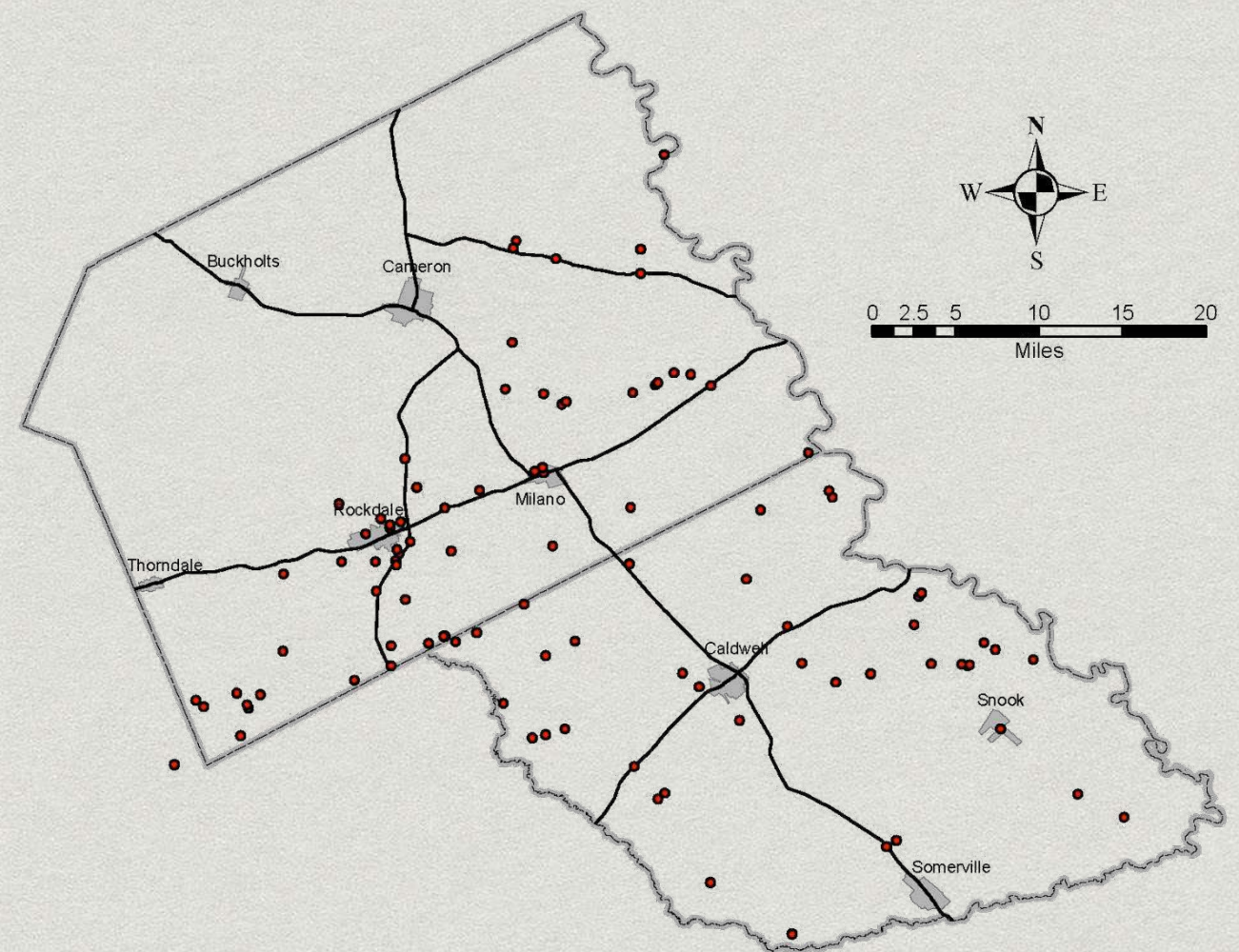
BOBBY BAZAN

Outline

- * What is the Monitoring Network?
- * Why does it matter?
- * Where is it now and where is it going?
- * How is the data collected?
- * When is the data collected?

What is the Monitoring Network?

- * A series of wells which are measured for water level.
- * Most wells are volunteered by well owners
- * Some wells are converted O&G wells



Why is it important?

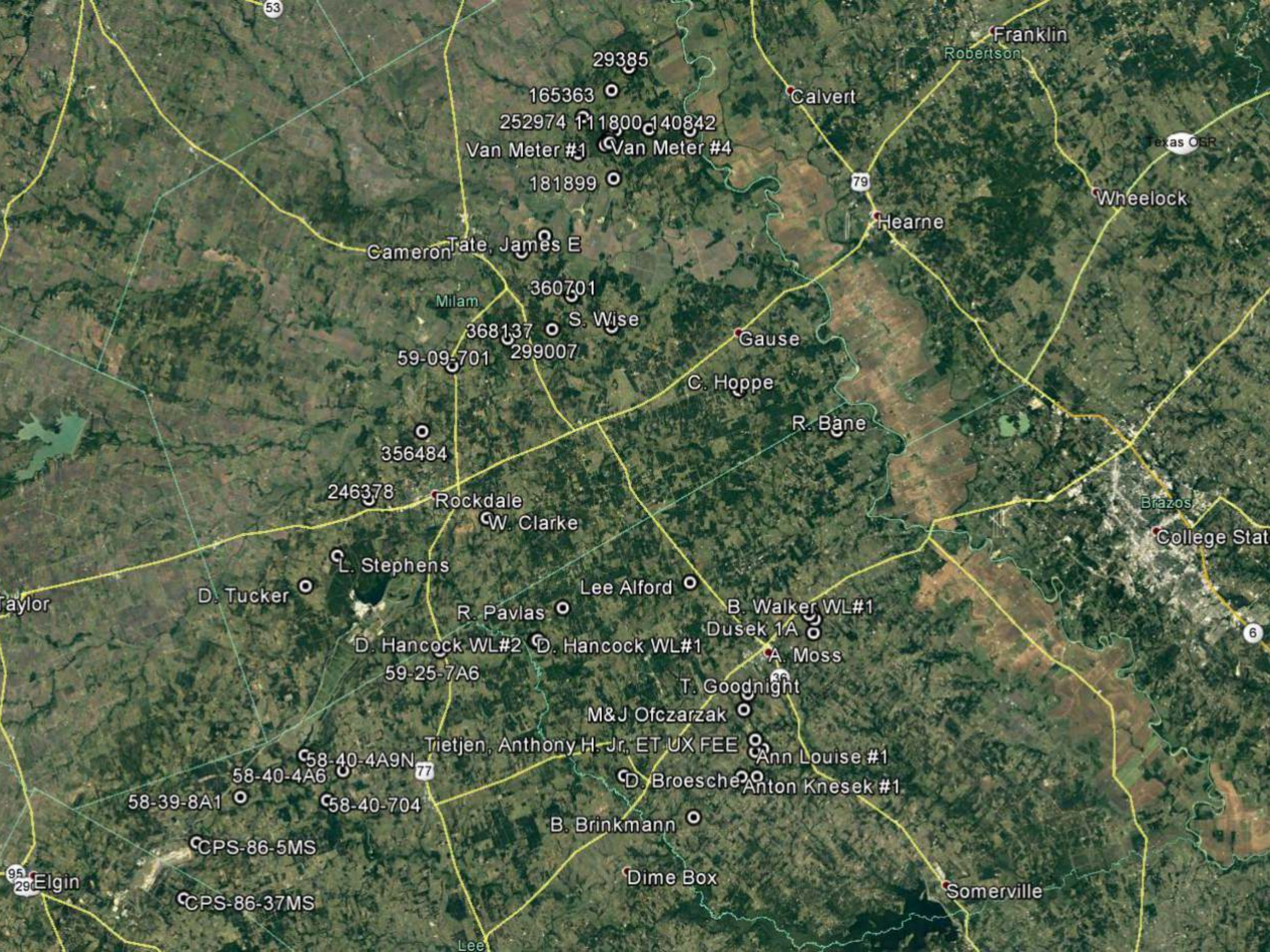
- * **GOOD SCIENCE = GOOD MANAGEMENT**
 - * Data used to help develop District Rules
 - * Data used to help develop District Management Plan
 - * Data used to help develop Regional and State Water Plans

Where are we today?

- * 112 wells currently
 - * All wells measured annually
 - * 16 wells measured continuously
- * Each of 7 formations are monitored

Where are we headed?

- * 50 additional wells by end of Summer '17
 - * Focus on shallow Carrizo-Wilcox Management Zone
- * Increase frequency of measurements
 - * From annually to as much as quarterly
 - * Increase the number of continuous measurement wells
- * Improve data sharing
 - * Collaboration with neighboring districts and state agencies
 - * Web-based data interface



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How do we measure wells?

- * 4 different methods
 - * Steel Tape
 - * Electric Line (e-line)
 - * Sonic Meter
 - * Pressure Transducer

When do we measure wells?

- * Most wells measured once a year
 - * February – March
 - * Increase frequency from once a year to annually
- * Continuous wells measured hourly
 - * Data downloaded every 3-4 months
 - * Will add telemetry to display data daily or weekly.
 - * Add up to 25 additional wells by end of 2017