

Example of Water-Flow Causing Drilling Problem

- Pronghorn State T SWD #2 injected into Glorieta from 4810-6880 feet
 Volume injected was 1,643,628 BW from Feb 2004 through Nov 2006
 Maximum of 3000 BWPD; average of 1590 BWPD
- Yates began drilling Door BIW State #1 on June 10, 2006, about 2300 feet SW of injector Hit water-flow at 6257 feet on June 26, 2006 -- 15 to 18 BW per minute Fought water-flow for 23 days - reached depth of 6811 feet & plugged well
- Yates moved rig 50 feet and redrilled #1Y well spud July 22, 2006
 Reached TD of 11,660 in Strawn and cemented casing on Sept 25, 2006
 Used heavy mud through Glorieta and ran extra string of casing across Glorieta
- 4. Yates AFE for original well was \$2.83 million; AFE for redrill was \$3.15 million Actual costs were \$2.90 million for #1 and \$3.65 million for #1Y --> Total \$6.55 million Thus, extra costs were about \$3.5 million due to water-flow



