

**GEOLOGY SECTION FALL 2012 SEMINAR  
AN EXAMINATION OF ENERGY, WATER AND ENVIRONMENTAL TOPICS  
Sedgwick County Extension Education Center  
21<sup>st</sup> and Ridge Road, Wichita, Kansas  
September 6, 2012**

**AGENDA**

8:00 a.m. – 8:30 a.m.	<i>Registration</i>
8:30 a.m.– 8:45 a.m.	<i>Housekeeping, Information</i>
8:45 a.m. – 9:00 a.m.	<i>KDHE Geology Section, EPA Program Updates, Mike Cochran, Cynthia Khan, Richard Harper, Mark Jennings, David Garrett EPA Region 7</i>
9:00 a.m. – 9:30 a.m.	<i>Oil and Gas Industry in Kansas by Edward Cross, Kansas Independent Oil &amp; Gas Association</i>
9:30 a.m. – 10:00 a.m.	<i>Closed Loop Geothermal Wells by Darin Duncan, Associated Drilling</i>
10:00 a.m. – 10:30 a.m.	<b>BREAK</b>
10:30 a.m. – 11:30 a.m.	<i>Horizontal Drilling and Hydraulic Fracturing – The Process and the Issues by Damonica Pierson, Shell</i>
11:30 – Noon	<i>The Economic Vigor (or Fragility?) of Unconventional Oil and Gas in Kansas by Dave Newell, Kansas Geological Survey</i>
Noon – 1 p.m.	<b>BBQ LUNCH PROVIDED</b>
1 p.m. – 1:30 p.m.	<i>Equus Beds Recharge Project Update by Deb Ary, City of Wichita</i>
1:30 p.m. – 2 p.m.	<i>Using Direct Push Techniques to Understand Elevated Uranium in an Alluvial Aquifer and Community Water Supply by Wes McCall, Geoprobe</i>
2:00 p.m. – 2:30 p.m.	<i>Preserving Oil, Gas and Other Well Samples in Kansas, by Mike Dealy, Manager Wichita Operations, Kansas Geological Survey</i>
2:30 p.m. – 2:45 p.m.	<b>BREAK</b>
2:45 p.m. – 3:15 p.m.	<i>In the Dark and Lovin' It by Gayle Ferrell, Kansas Underground Salt Museum</i>
3:15 p.m. – 3:45 p.m.	<i>Water Well Problems – Procedures for Fixing by James Seley, Layne Christensen</i>
3:45 p.m. – 4:15 p.m.	<i>Coalbed Methane Production in Kansas by David Bleakley, Colt Energy</i>
4:15 p.m. – 4:30 p.m.	<i>Questions, Comments, Suggestions</i>

6.0 hours of presentations