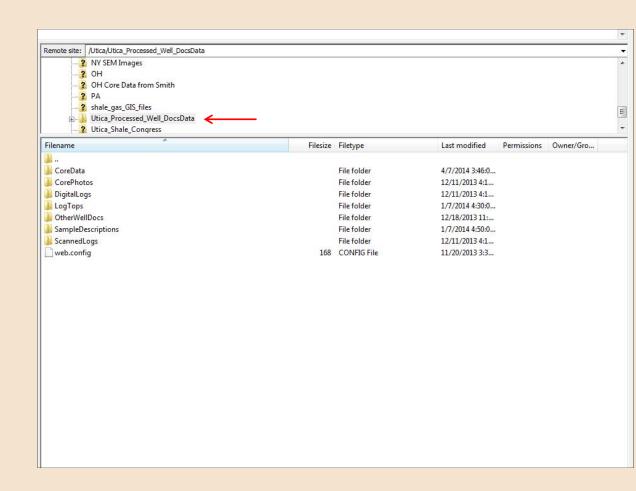


DATABASE CONSTRUCTION

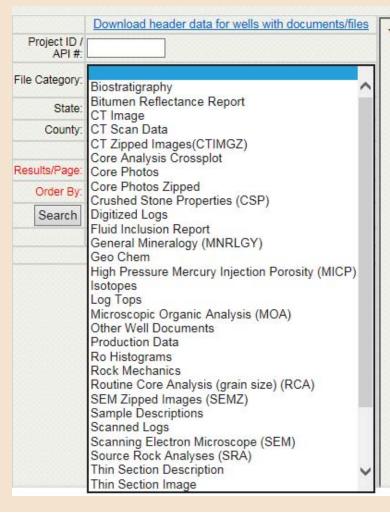
- Flexible, iterative process that can be modified depending on project needs
- Uses format and template derived from previous work
- Database will be built to ensure maximum efficiency of technology transfer

FTP/DROPBOX SITE

- Researchers will submit information as it is gathered/interpreted
- Each folder organized by state
- Linked to online searchable database



WELL FILE DOCUMENT SEARCH



Welcome to the document search page.

Linked to root file on FTP server

 Creates customized searches on multiple criteria

LEGACY PROJECTS

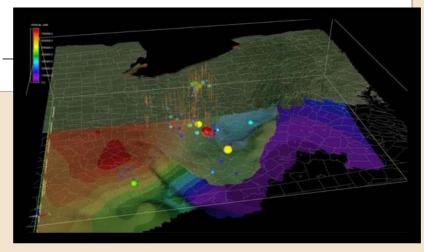
		Appalachian Basin Tight Gas Reservoirs Project Appalachian Oil and Natural Gas Research Consortium (About) Contact/Comments Contact/Comments						
	Pro	ject Info	System Overview	Interactive Mapping	Well Header Data	Well-Ba E-Files		
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Details	Clinton-Medina		1982 Diecchio, R.J.				N xsec Diecchio 1983.pdf	
Details	Clinton-Medina		,	kovsky G.O. Opritza S.T. Ri	lev R A Wolfe M F Larsen G F		N_xsec_McCormac_1996_p158_figScm-5.pdf	
Details	Clinton-Medina						N_xsec_McCormac_1996_p157_figScm-4.pdf	
Details	Clinton-Medina		2000 Ryder, R.T.	orony, c.c., opines, c.r., ra	, , , , , , , , , , , , , , , , , , , ,		N_xsec_Ryder_2000_i-2726_Sheet1.pdf	
Details	Clinton-Medina	Report	2004 Burruss, R.C., and Ryde	er, R.T.			N_rprt_USGS_2003.pdf	
Details	Clinton-Medina	Report	1982 Diecchio, R.J.				N_rprt_Diecchio_1982.pdf	
Details	Clinton-Medina	Report	1984 Finley, R.J.			MDII	N_rprt_Finley_1982.pdf	
<u>Details</u>	Clinton-Medina	Stratigraphy	1996 McCormac, M.P., Mychl	kovsky, G.O., Opritza, S.T., Ri	ley R.A., Wolfe, M.E., Larsen, G.E	., and Baranoski, M.T. MDII	N_strd_McCormac_1996_p157_figScm-3.pdf	

LEGACY PROJECTS

Final Report to



Development of Subsurface Brine Disposal Framework in the Northern Appalachian Basin



http://www.rpsea.org/projects/11122-73/

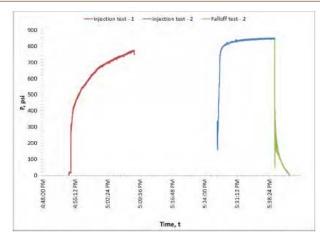


Figure 2-15. Wellhead pressure monitoring results from Clinton-Medina brine disposal well in the east-central Appalachian Basin.

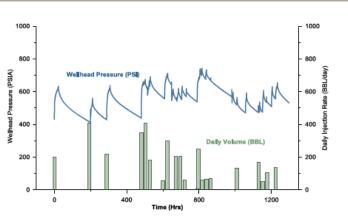
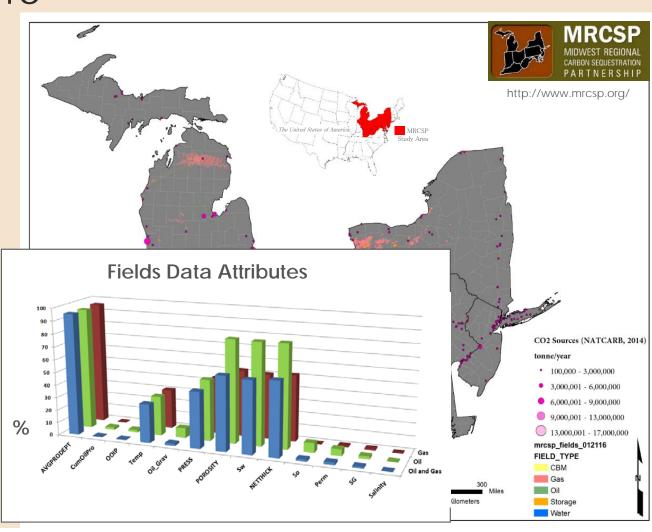
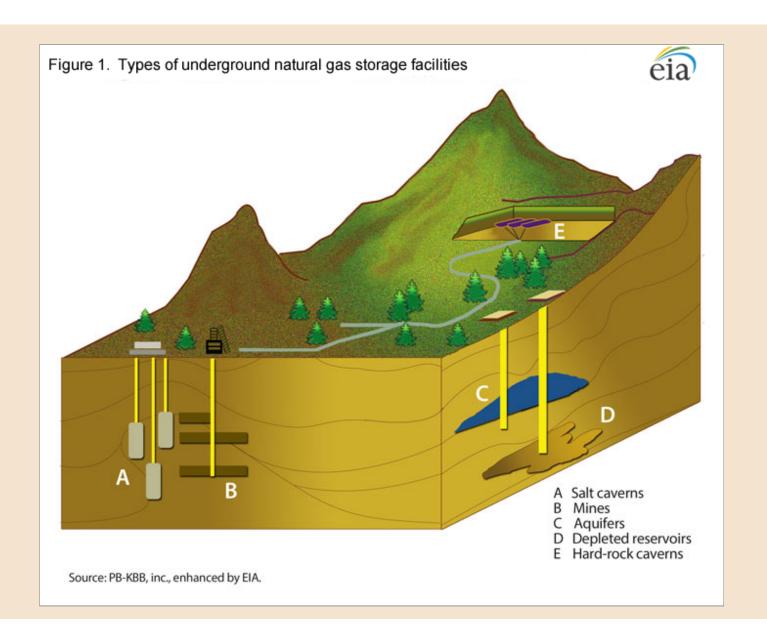


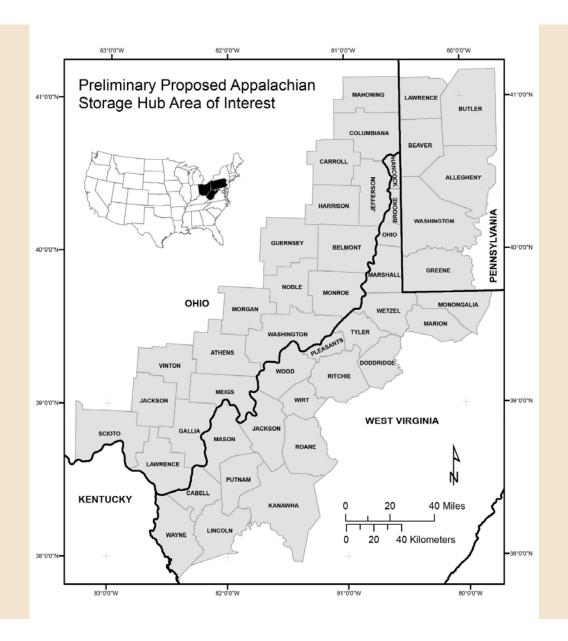
Figure 2-16. Wellhead pressure monitoring results from Newburg brine disposal well in the east-central Appalachian Basin.

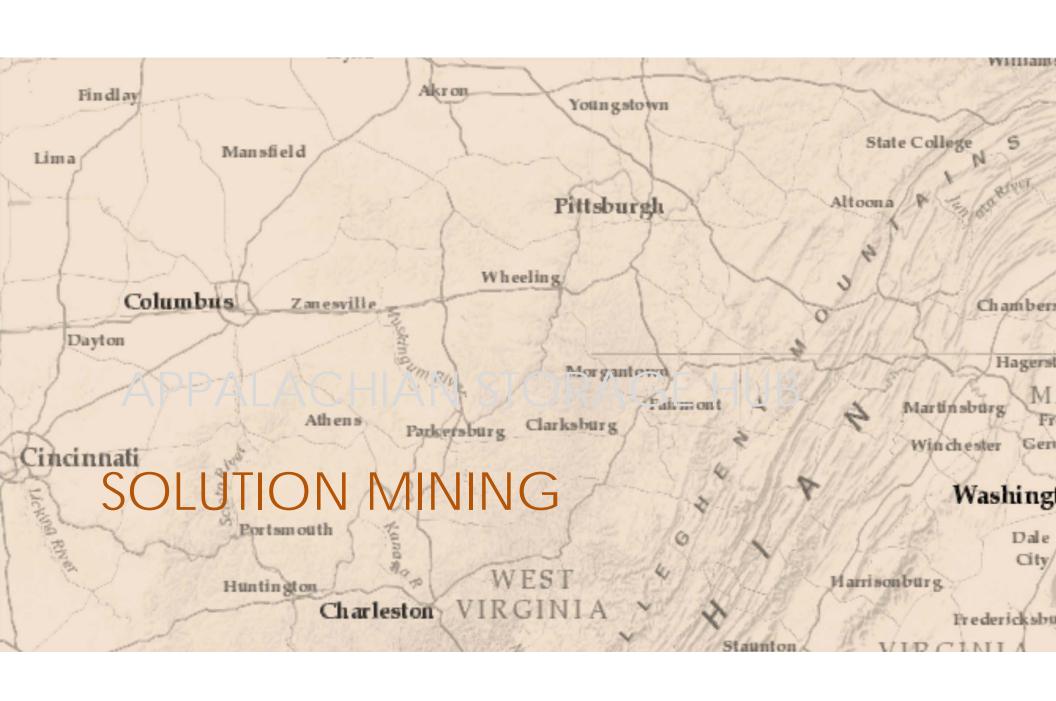
LEGACY PROJECTS

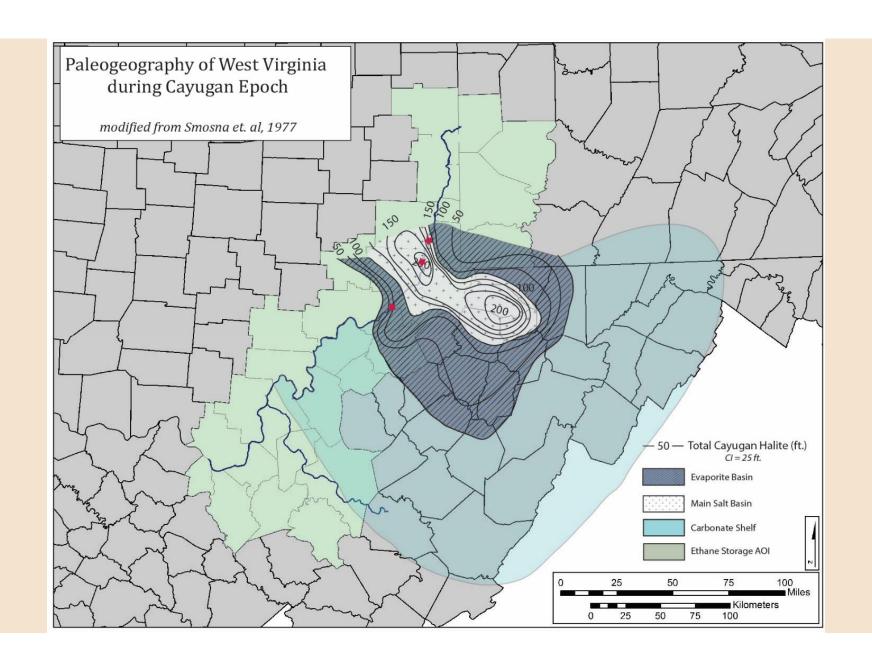
- Midwest Regional Carbon Sequestration Partnership (MRCSP)
- Ongoing, collaborative research encompassing a ten-state region
- Project managed by Battelle Memorial Laboratory
- Includes detailed reservoir data and regional crosssections









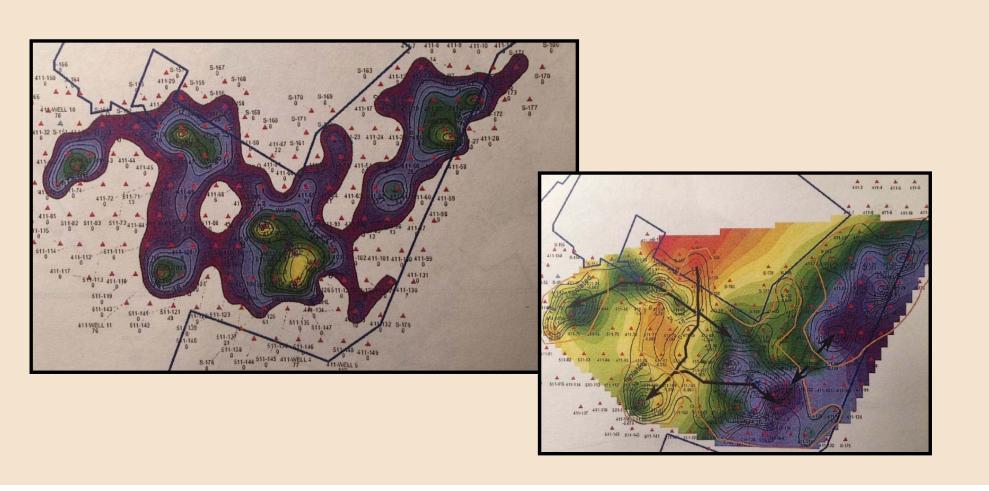


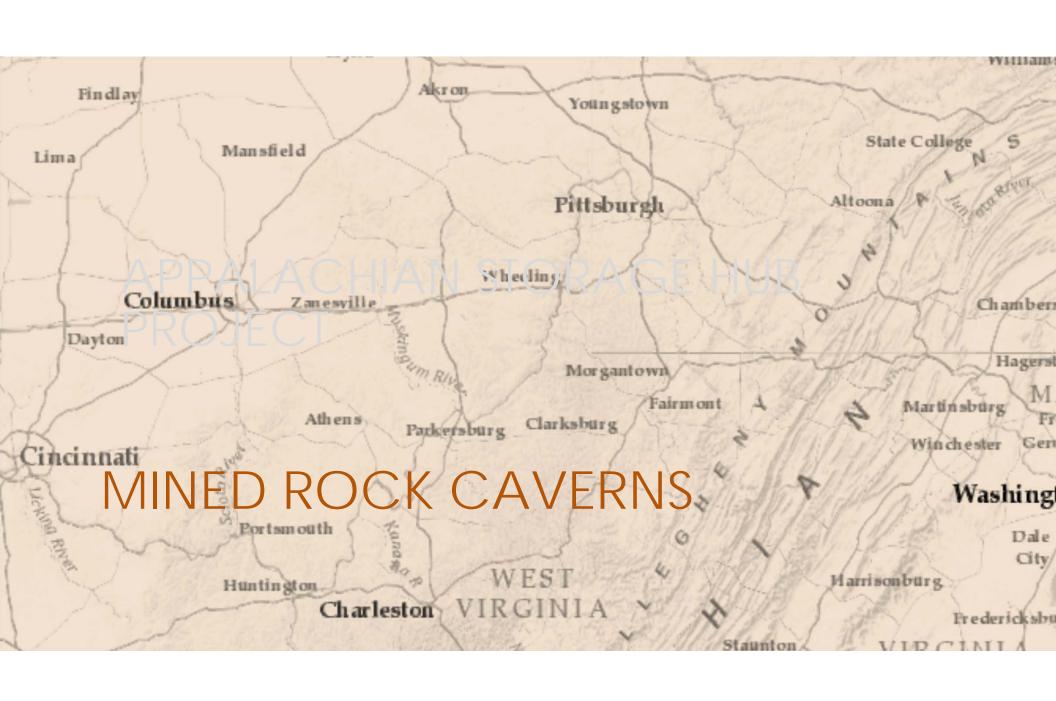
PPG INDUSTRIES--NATRIUM, WV

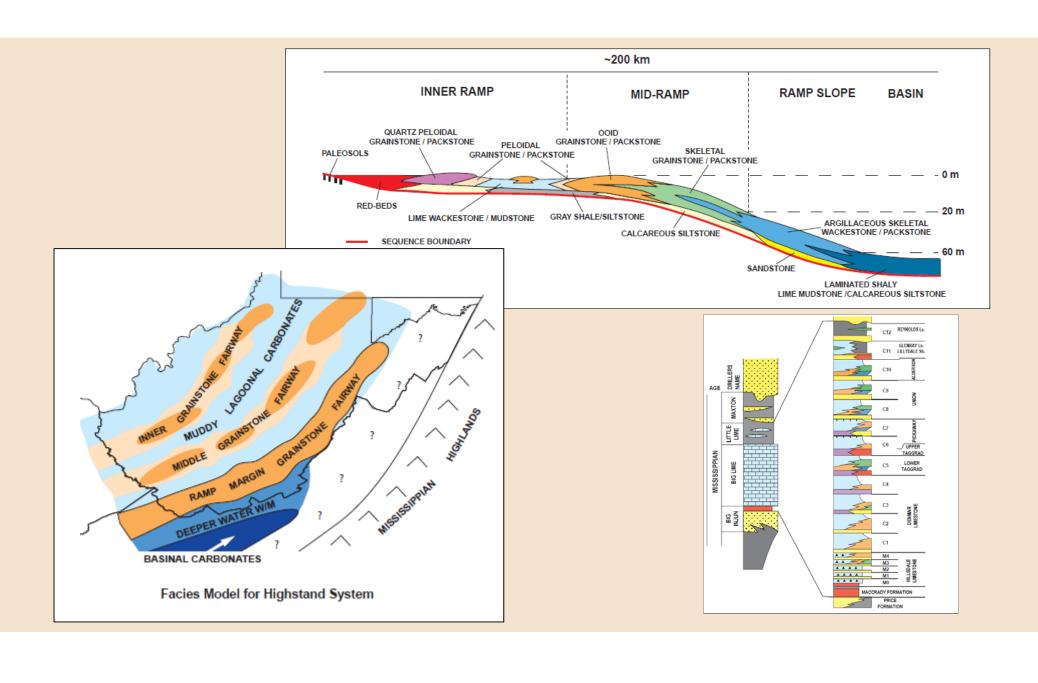
- Cavern Maps and Analyses
- 4" diameter core
- Chemical analyses and maps from UIC permit applications



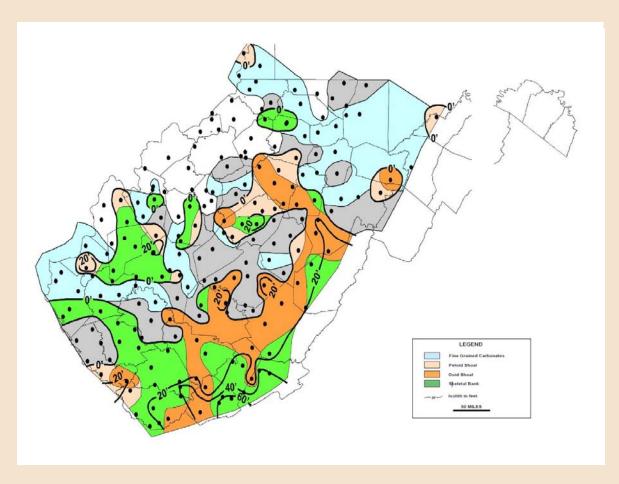
BENS RUN SALT BRINE CAVERNS



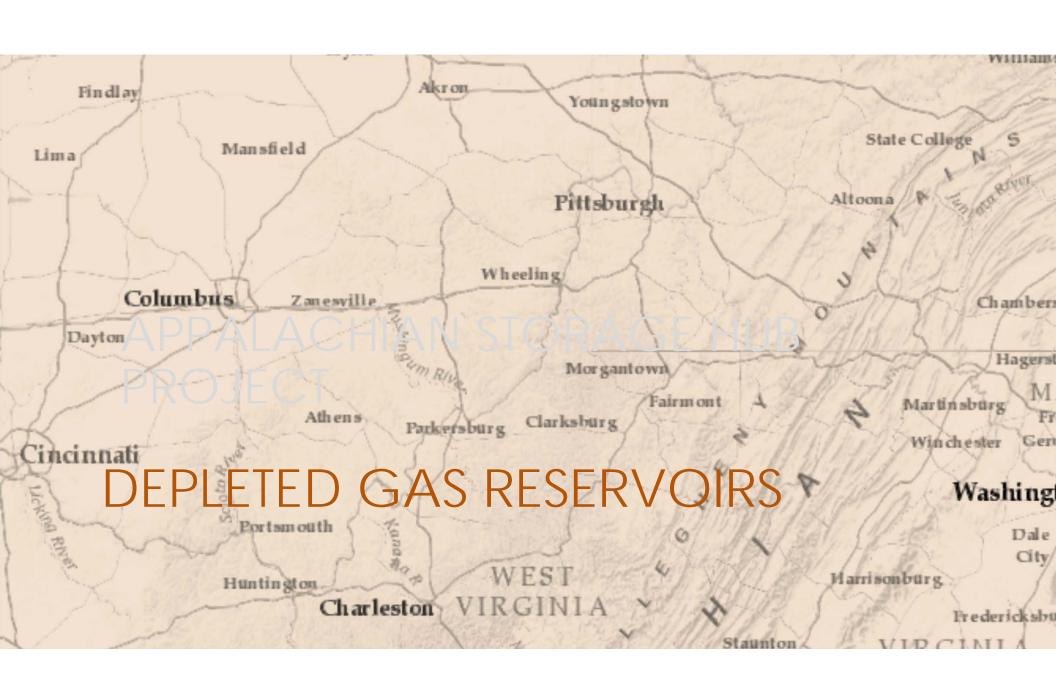




CARBONATE RESERVOIR HETEROGENEITY

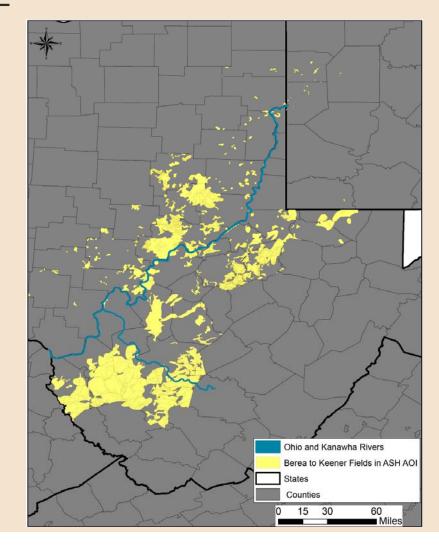


Wynn 2003



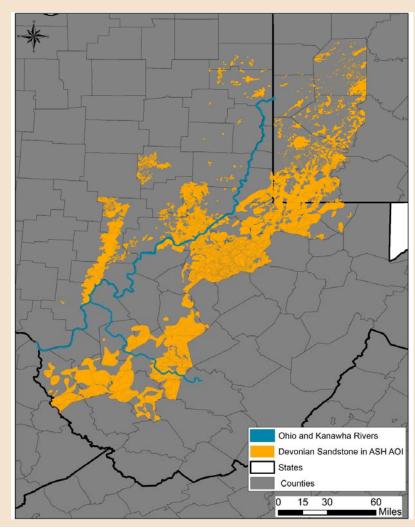
BEREA TO KEENER INTERVAL

- Includes conventional drillers' targets such as the "Big Injun", "Squaw", and "Weir" sands
- Many small fields within the larger, regional trends



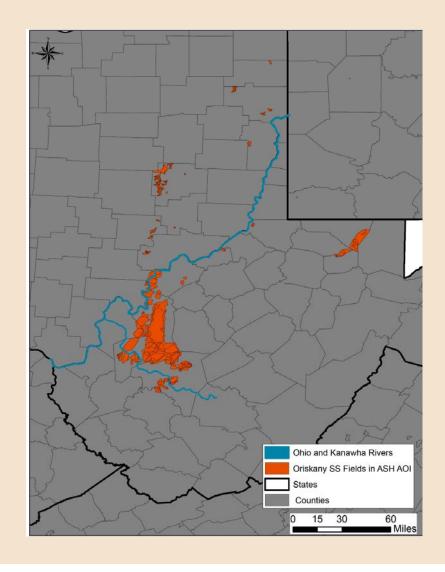
DEVONIAN SANDSTONE INTERVAL

- Historical drilling targets in northern WV and SW PA
- Sand bodies become more discontinuous to west
- Shales replace siliciclastics to west and south



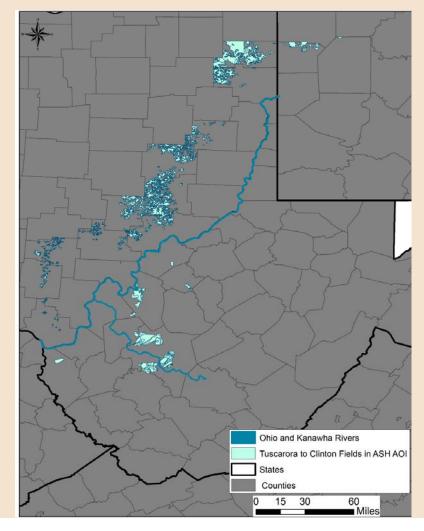
ORISKANY SANDSTONE

- Some pools/fields demonstrate excellent porosity and permeability
- Variable reservoir composition and quality
- Becomes highly fractured to east



TUSCARORA TO CLINTON INTERVAL

- Excellent production history in Ohio
- Deeper, and less frequently targeted, in eastern portions of the basin
- Food-grade CO₂ produced from Indian Creek field (Kanawha County, WV)



SUMMARY

- Database construction has begun, and database will continue to be populated as project moves forward
- Robust legacy dataset available
- Variable geographic footprint
- Variable lithologic character within and between reservoirs

