



THE OHIO GEOLOGICAL SOCIETY



The Newsletter of the Ohio Geological Society

February 2005

An Affiliate (1963) of the American Association of Petroleum Geologists (AAPG)

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Dear Society Members,

The 7th Annual Winter gala was a huge success! The food was great, music with Bill Foley was great, meeting the people was great and all had an enjoyable time.

Our next meeting will be held at the Ramada Plaza Hotel, Columbus, Ohio on Thursday, February 10th. John Thomas will be speaking about "Characterization of the Overton Pool: Upper Cambrian Copper Ridge Sandstone Play, Wayne County, Ohio".

We hope to see you there!

Ohio Geological Society
P.O. Box 14304 · Columbus, OH 43214
<http://www.ohgeosoc.org/>

OGS MEETING

Thursday, February 10th

Lunch at Justin's Place at 11:30, talk at 12:30 pm.

Please RSVP for lunch no later than February 9th to Nicole Venteris at knoxnicole@yahoo.com or 740-927-6731.

Ramada Plaza Hotel
4900 Sinclair Road
Columbus, OH 43229
614-846-0300

<http://www.ramadahotelcolumbus.com/>

Characterization of the Overton Pool: Upper Cambrian Copper Ridge Sandstone Play Wayne County, Ohio

THOMAS, JOHN B., Belden & Blake Corporation, North Canton, OH

The Overton Pool in Wayne County, Ohio was discovered in 1994 and lies along the present day Killbuck Creek drainage system believed to originate from the Cambridge Cross-Strike Structural Discontinuity. The producing reservoirs are the Copper Ridge (Trempealeau) sandstones that are present throughout north-central Wayne County. These sands, informally named the Copper Ridge "A" and "B" units were deposited possibly as tidal channels resulting from syndepositional activity along the Cambridge Arch. These units may be stacked, in which case they are separated by 25 to 30 feet of nonporous dolomite. The basal "B" unit is usually better developed with an average thickness of 20 feet and a maximum of 30 feet. The "A" unit has an average thickness of 6 feet and a maximum of 12 feet. Porosity is better developed in the "B" unit, probably a function of grain size and overall reservoir thickness. The configuration of the pool is defined by shallow mapping; however, high quality seismic data is key in defining the stratigraphic and structural details. Preserved Knox section, anomalous seismic amplitude, and waveform character can usually be observed. Copper Ridge sand outliers preserved away from the main pool tend to be more seismically definable but are often limited in reservoir size and areal extent.

Estimated ultimate recovery for the pool is 25+ BCFG and 1,300,000 BO with additional potential lying north and south of the main pool in preserved sand outliers. Because estimates of primary recovery are in the 15-20 percent range, the potential of an enhanced oil recovery project should be seriously considered.



OHIO GEOLOGICAL SOCIETY

P.O. Box 14304

COLUMBUS, OHIO 43214

2005 APPLICATION FORM

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EDUCATION			
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	OTHER:						

MEMBERSHIP DUES				
(CHECK ONE)	<input type="checkbox"/> NEW	<input type="checkbox"/> RENEWAL		
(CHECK ONE)	<input type="checkbox"/> ACTIVE \$20/YR.	<input type="checkbox"/> ASSOCIATE \$20/YR.	<input type="checkbox"/> STUDENT \$5/YR.	<input type="checkbox"/> HONORARY \$0/YR.

For Society use only				
Received _____	Cash _____	Check # _____	Dated _____	Amount _____

AAPG Eastern Section 2005 Meeting

Call for Papers

Abstracts are due by April 1, 2005.

www.wvgs.wvnet.edu/www/esaapg05/callforpapers.html

CALENDAR

Ohio Geological Society

Information available for OGS meetings at: www.ohgeosoc.org
or contact Nicole Venteris at knoxnicole@yahoo.com, 740-927-6731.

February 10	OGS Luncheon Meeting, Ramada Plaza Hotel, Columbus, OH.
February 28 – March 2	2005 SME Annual Meeting & Exhibit, Salt Lake City, UT. www.smenet.org or 800-915-0618.
March 23	OGS Meeting, Easton Hilton, Columbus, OH.
March 23-25	OOGA Annual Winter Meeting, Easton Hilton, Columbus, OH. www.ooga.org or 740-587-0444.
April	TBD
May	TBD
September 18-20	AAPG Eastern Section 2005 Meeting, Radisson Waterfront Hotel and Conference Center, Morgantown, WV. www.wvgs.wvnet.edu/www/esaapg05/index.html

Check the PTTC website at <http://karl.nrcce.wvu.edu/> for other meetings and events.