MISSISSIPPI GEOLOGICAL SOCIETY eBulletin



missgeo.com

MGS 2006-2007 BOARD OF DIRECTORS

Officers			
President	Bob Schneeflock	Paramount	(601) 853-0701
1st Vice President	Tony Stuart	Independent	(601) 543-0500
2nd Vice President	Karl Kaufmann	Valioso	(601) 936-3601
Secretary	Todd Hines	Moon & Hines	(601) 572-8300
Treasurer	Joe Johnson	Tellus Operating	(601) 898-7444
Editor	Jo F. Everett	Land & Water Resources	(601) 961-5262
Committee Assignments			
Advisory Committee	Jack Moody	Miss. Office of Geology	(601) 359-9278
Website: Missgeo.com	Steve Walkinshaw	Vision Exploration	(601) 607-3227
Advertising	John Cox	Independent	(601) 978-1763
Entertainment	John Marble	MS Office of Geology	(601) 354-6328
Environmental Section	Ken Ruckstuhl	Environmental Mgt. Services	(601) 992-8233
Historian	Stanley King	Independent	(601) 842-3539
Honorary Membership	Charles H. Williams, Jr.	Vaughey & Vaughey	(601) 354-4612
Legislative Committee	Rick L. Ericksen	Board of Reg. Prof. Geologists	(601) 354-6370
Water Resources Committee	Bill Oakley Dee Layman Mike Mallory		(601) 898-0455 (601) 939-4385 (601) 956-9359
Publishing	Lindsey Stewart	Land & Water Resources	(601) 961-5264
Boland Scholarship			
President	Tony Stuart	Independent	(601) 543-0500
Secretary	Dave Cate	Pruet Oil	(601) 948-5279
AAPG Representatives			
Term to June 2010	Rick L. Ericksen	Board of Reg. Prof. Geologists	(601) 354-6370
Term to June 2010	Maurice Birdwell	Independent	(601) 936-6939

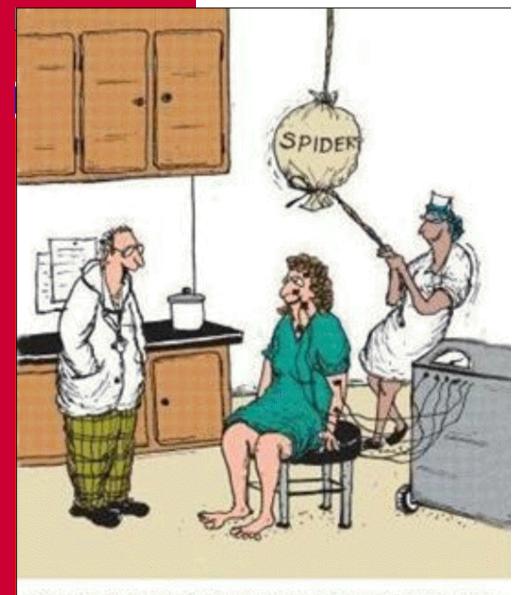
~ PRESIDENT'S LETTER ~ Bob Schneeflock

Society Brethren,

The March meeting will be a little different than most in that there will be no speaker per se.

Instead of trying to cram the Boland Scholarship presentations and a speaker into one meeting, Dave Cate and Tony Stuart will now have time to do it right.

The Boland Scholarship presentations will be followed by the induction of our newest Honorary Member.



That's right! No huffing and puffing for 30 minutes on the treadmill. We've developed a new stress test that is faster and more accurate."

Awards will also be presented to members who have given MGS over 5 continuous years of exemplary service in the most work intensive positions the society has.

Make an effort to come and honor those students and members for their hard work.

til next month

In This Issue:

- Meeting Schedule
- How Low Can You Go
- 2007 Carbonate Field Trip
- Floyd Shale Potential
- 2006-2007 Paid Membership List
- Elephant
- MS Academy of Science Meeting
- Oil & Gas Spot Market Graphs
- MGS Membership Application

MGS MEETING SCHEDULE				
When	What	Where		
September 14, 2006	Fall BBQ	Jackson Yacht Club		
October 19, 2006	David Scott & Lisa Ivshin, MS O&G Board	River Hills		
November 1, 2006	Ernie Mancini, University of AL	River Hills		
December 9, 2006	MAPL/MGS Christmas Party	Colonial Country Club		
January 11, 2007	Nick Tew, Ala Geol Survey	River Hills		
February 8, 2007	Chuck Segrest – Petrophysical Evaluation of Gas Shale Reservoirs	River Hills		
March 8, 2007	Boland Scholarship, Honorary Membership, and Awards	River Hills		
April 12, 2007	TBA	River Hills		
May 10, 2007	Spring Fling	Jackson Yacht Club		

How Low Can You Go?

Don't forget this year's contest on low resistivity production from the Eutaw and Cotton Valley Formations.

Very nice prizes will be awarded.

For more information, contact:

Jack Moody at (601) 359-9278

 \mathbf{or}

Bob Schneeflock at (601) 853-0701

OFFICERS MEETINGS

September 6, 2006

October 3, 2006

November 7, 2006

None in December

January 2, 2007

February 6, 2007

March 6, 2007

April 3, 2007

May 1, 2007

March 8th, 2007 MGS Meeting

Boland Scholarship Awards
Top Students from Millsaps, Ole Miss, State, and Southern

Induction of our newest MGS Honorary Member

Awards to members for long standing exemplary service to MGS.

2007 CARBONATE FIELD TRIP SOUTHERN BAHAMAS

In late May (17-22) 2007, Lawrence R. Baria, with the assistance of Drs. Rick Major and Ezat Heydari, will be leading another carbonate field trip to the Out Islands of the southern Bahamas. Participants will examine fringing reefs, patch reefs, oolite shoals, tidal flats, eolian dunes, beaches, supratidal, intertidal and subtidal stromatolites and many other styles of recent depositional environments and carbonate facies.

Certainly on a trip of this nature, spouses will also be invited to go along. While the participants are out swimming, wading and hiking each day, the spouses can enjoy beautiful pink sand beaches, island tours and laid back Out Island hospitality.

The anticipated cost of this six day trip including round trip airfare from Jackson to Great Exuma, Bahamas, hotel, meals, 3 days of boat rentals and land transportation will be \$2,000.00 per participant, based on double occupancy.

A detailed daily schedule of the proposed field trip can be obtained by calling Larry Baria at (601) 932-0002. Participation will be limited to twelve persons, so sign up as early as possible. A deposit of \$800.00 will be due on April 17, 2007, to guarantee air charters and rooms.

JULIUS M. RIDGWAY

COASTAL EXPLORATION, INC.

1437 OLD SQUARE ROAD, #104 JACKSON, MISSISSIPPI 39211 601-362-0502 FAX: 601-362-5397



MICHAEL L. BLACKWELL H. DON NOBLITT

603 Northpark Drive • Ridgeland, MS 39157 (601) 957-3550



Karl J. Kaufmann President

Suite B 546 Keyway Drive Jackson, MS 39232 601-936-3601 Fax 601-936-3646 coukauf@aol.com

BLAIR & BONDURANT, P.A. ATTORNEYS AT LAW

WILLIAM F. BLAIR

P.O. Box 321423 Jackson, MS 39232 Telephone: (601) 992-4477 Telecopier: (601) 992-9189 1368 Old Fannin Road Suite 300 Brandon, MS 39047 Email: wfblair@netdoor.com



100 N. Van Buren Street Post Office Box 415 Carthage, MS 39051 (601) 298-0200 (601) 298-0201 Fax

E. Wayne Upchurch President



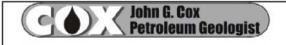
400 TRAVIS - SUITE 500 SHREVEPORT, LOUISIANA 71101-3113

SHERIE VARNEY MANAGER PHONE (318) 227-1641 FAX (318) 227-1642



Lawrence R. Baria

601-932-0002



John G. Cox

Geologist

603 Northpark Drive, Suite 300 Ridgeland, Mississippi 39157 601.978.1763 fax 601.952.0425 john cox@bellsouth.net

MOON & HINESOIL & GAS EXPLORATION

MOON-HINES-TIGRETT OPERATING CO., INC.

PROPERTY MANAGEMENT

P O BOX 3216 RIDGELAND, MS 39158

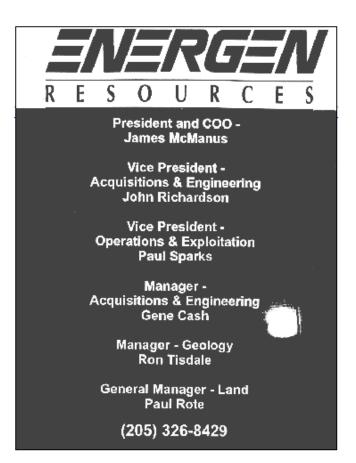
OFFICE (601) 572-8300

FAX (601) 572-8310



ROUNDTREE & ASSOCIATES, INC. OIL AND GAS PRODUCTION

111 Capital Building Suite 270 / Jackson, MS 39201 Phone (601) 355-4530







OPERATING GROUP, LLC

602 Crescent Place, Suite 100 Ridgeland, MS 39157

> 601-898-7444 Voice 601-898-7446 Fax

BRIAN SIMS
EXPLOITATION GEOLOGIC MANAGER

Email: bsims@tellusoperating.com

MISSISSIPPI GEOLOGICAL SOCIETY PAST PRESIDENTS

1939-1940	Henry N. Toler
1940-1941	Urban B. Hughes
1941-1942	J. Tom McGlothlin
1942-1943	Dave C. Harrell
1943-1944	K. K. "Bob" Spooner
1944-1945	L. R. McFarland
1945-1946	J. B. Story
1946-1947	Frederic F. Mellen
1947-1948	H. Lee Spyres
13 13 .0	Robert D. Sprague
1948-1949	Robert D. Sprague
1949-1950	E. T. ""Mike" Monsour
1950-1951	J. Tate Clark
1300 1301	Charles E. Buck
1951-1952	George W. Field
1952-1953	James L. Md11in, Jr.
1953-1954	Wilbur H. Knight
1954-1955	A. Ed Blanton
1955-1956	Gilbert A. Talley
1956-1957	Ben Ploch
1957-1958	Emil Monsour
1958-1959	Charles Brown
1959-1960	M. F. Kirby
1960-1961	Rudy Ewing
1961-1962	Xavier M. Franscogna
1962-1963	Robert B. Ross
1963-1964	William A. Skees
	Marvin Oxley
1964-1965	James F. Bollman
1965-1966	Sankey L. Blanton
1966-1967	Alan Jackson
1967-1968	Julius M. Ridgway

1968-1969	Edward D. Minihan
1969-1970	Kevin E. Cahill
1970-1971	John Lancaster
1971-1972	Larry Boland
1972-1973	Charles Barton
1973-1974	Larry Walter
1974-1975	W. E. "Gene" Taylor
1975-1976	Jerry E. Zoble
1976-1977	P. David Cate
1977-1978	Sarah Childress
1978-1979	Les Aultman
1979-1980	Philip R. Reeves
1980-1981	Marshall Kern
1981-1982	Stephen Oivanki
1982- 1983	Buddy Twiner
1983- 1984	Charles H. Williams
1984- 1985	C. Kip Ferns
1985-1986	Steven S. Walkinshaw
1986-1987	J. R. ""Bob" White
1987-1988	Harry Spooner
1988-1989	Stanley King
1989-1990	Stan Galicki
1990-1991	E. James Files, Jr.
1991-1992	Stephen L. Ingram, Sr.
1992-1993	Michael Noone
	Stanley King
1993-1994	Brian Sims
1994-1995	C. W. "Neil" Barnes
1995-1996	Lester Aultman
1996-1997	Jack S. Moody
1997-1998	George B. Vockroth
1998-1999	Rick L. Ericksen
1999-2000	Stanley King
2000-2001	John C. Marble
2001-2002	Andrew T. Sylte
2002-2003	Aaron Lasker
2003-2004	John G. Cox
2004-2005	James E. Starnes
2005-2006	Todd Hines



BROWNING & WELCH OIL & GAS EXPLORATION

1867 Crane Ridge Drive Suite 124B

Jackson, MS 39216-4910

Phone: 601-713-3153 Fax: 601-713-1081

ENVIRONMENTAL (MANAGEMENT SERVICES, INC.

- · Phase I and Phase II Commercial · Water and Soil Sampling, Property Assessments
- Asbestos and Lead Surveys
- Geological and Hydrogeological
 Legal Support Services subsurface investigations
- Treatment, and Remediation
- Compliance and Permitting
 - Total Site Management

C. Winston Russell, P.G.; Hattiesburg, MS 39401 (601) 544-3674; www.env-mgt.com

SAVANNAH OIL AND GAS I. L.P.

Jeffrey S. Requarth President

16800 Imperial Valley Drive

Suite 355 Houston, Texas 77060 (281) 931-4200 Ext. 226 (281) 931-4232 Fax

jeffr@savannahoil.com

Oil in America, for Americans, by Americans

- Vacuum Trucks High Pressure
- TrenchingDozer w/Winch
- · Winch Trucks
- Tanker Trailers

- · Backhoe/Loader
- Floats/Heavy Trailers
- Dump Truck Mud Tanks
- Hydraulic Bucket-
- Boom/Auger Truck
- · Side Boom Bush Hog

Radzewicz Exploration & Drilling Corporation
OFFICE: Radzewicz Oil Center, 655 Highway 61 South / Natchez, MS 39120
MAILING ADDRESS: P. O. Box 2270 / Natchez, MS 39121
Business 24 hours: 601-445-8659 Pass: 601-445-8652

24 Hour Oilfield Servicing, Exploration & Development

KELTON OPERATING COMPANY, INC. since 1953

605 SUN TRUST TOWER 220 W. GARDEN STREET PENSACOLA, FL 32501 P.O. BOX 230 PENSACOLA, FL 32591

TELEPHONE (850) 434-6830 FACSIMILE (850) 434-6842

SEI®

SEISMIC EXCHANGE, INC.

201 St. Charles Ave., Suite 4300 New Orleans, LA 70170-4300 (504) 581-7153 • Fax (504) 581-9591

HOWARD PATTON

BRUXOIL, INC.

DAVID K. BROOKS - PRESIDENT RAYMOND A. HELFRICH - VICE PRESIDENT DOROTHY M. JAUBERT

> P. O. Box 16929 Jackson, MS 39236 (601) 981-5722 FAX: (601) 366-9490



Jon Q=Petersen, President Autie T. Orjias, V. P. /Land Manager Dean Giles, SecretaryTreasurer Joe R. White, Jr., Chief Geologist S. Cody Lenert, Geologist Ryan Q=Petersen, Land Rhonda White, Admn. Assistant

401 Edwards Street, Suite 1200 Shreveport, LA 71101

P.O. Box 1367 Shreveport, LA 71164

(318) 222-8406 Fax (318) 222-6061

JAMES B. FURRH, Jr., Inc.

Oil & Gas Exploration

1635 Lelia Dr., Suite 201, Jackson, MS 39216 (601) 982-9393 Fax (601) 354-982-9785

OWLCO

Oil Well Logging Company P. O. Box 1692 Madison, MS 39130

(601) 477-8315

VANTAGE OIL COMPANY

7170 Tank Road Terry, MS 39170 (601) 878-0593

MGS Honorary Members

Esther Applin* Paul Applin* Lawrence F. Boland*

Verne Culbertson H. Leroy Francis* David C. Harrell

Oleta R. Harrell* Ralph Hines Dudley J. Hughes

Urban B. Hughes* Wendell B. Johnson * Walter P. Jones*

Harold Karges* Wilbur H. Knight* Winnie McGlammery*

Thomas McGlothin* Frederic F. Mellen* Maurice E. Miesse*

Emil Monsour William H. Moore* Marvin E. Norman*

Marvin L. Oxley* Richard R. Priddy* Thurston Connell Rader*

Baxter Smith* Henry Toler* Jerry Zoble

* deceased

1906-07 Boland Scholarship Contributors

John Allen

Ben Byerly

Jim Furrh

Paul Gribas

Darrel Schmitz

Bob Scheeflock

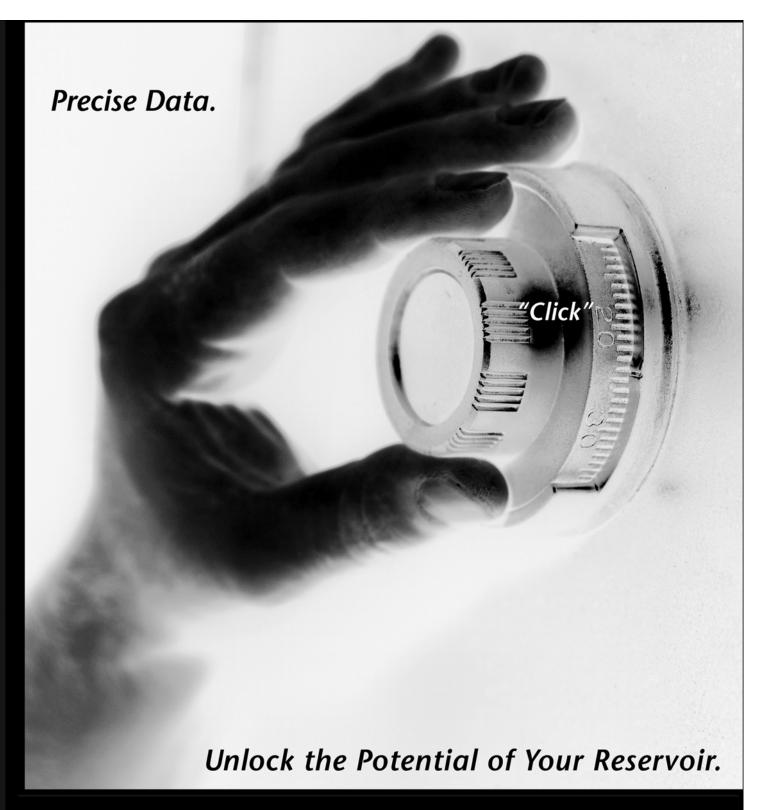
Tony Stuart

Bill Tedesco

Vaughan Watkins – In memory of

Marvin Oxley

If you would like to contribute, please contact Dave Cate at 601-718-9397 or one of the Society officers.



oday's reservoirs are more challenging than ever. To unlock their potential requires absolutely precise data. OMNI Laboratories has established higher standards, more thorough protocols, and meticulous quality control measures to ensure unsurpassed accuracy. Plus, we have assembled the finest scientists in the field to provide superior interpretation and analysis. When precise data is paramount, choose OMNI Laboratories.

At OMNI, We've Got the Answers.



Floyd Shale Potential in the Black Warrior Basin Executive Summary

(republished by permission of Wood Mackenzie/Upstream Insights)

The Mississippian Floyd and Neal shales of the Black Warrior Basin are known to be the main source rocks for the region's conventional reservoirs. Following the success of the Barnett Shale in Texas and a general heightened interest in unconventional plays, a number of operators have recently accumulated large acreage positions in this region.

The scramble to increase lease holdings in the Black Warrior's shales might suggest they could be the next big shale play in the Lower 48. However, the economic viability of emerging shale plays has yet to be proven, and many risks and uncertainties remain unsolved.

This report provides a technical and commercial review of the Floyd and Neal plays. We have identified the main players and the challenges they will likely face when trying to explore, develop, and commercialize these plays.

Black Warrior Shales

Following the success of the Barnett Shale in Texas, focus is now turning to other domestic shale plays. The commerciality of the Floyd and Neal shales has yet to be proven. A decline in CBM production from the Black Warrior Basin has left a number of operators looking for new ways to further monetise their acreage. These shales offer significant potential to existing land holders. New entrants have also been accumulating land in Alabama and Mississippi, where acreage is considered prone to shale gas (see map on next page).

The Floyd and Neal shales are found at depths of 1,400 to 2,700 meters (4,000-9,000 ft), and have a thickness of 30 to 150 meters (100-500 ft). Limestone and carbonate beds enclose the shales, thus providing them with an ideal seal and fracture barrier. The shales are also known to be source rocks for many of the conventional Black Warrior reservoirs. Operators are hoping that Black Warrior shales have similar geologic characteristics to the prolific Barnett Shale.

Current Activity

Leasing activity in the various shale plays in Alabama and Mississippi surged in 2006. Lease bonus payments rose from an average of US\$50 per acre in 2005 to as high as US\$1,000 per acre in 2006. Also, royalty rates jumped from an average of 15% to 25%, while the duration of a typical lease declined to three years.

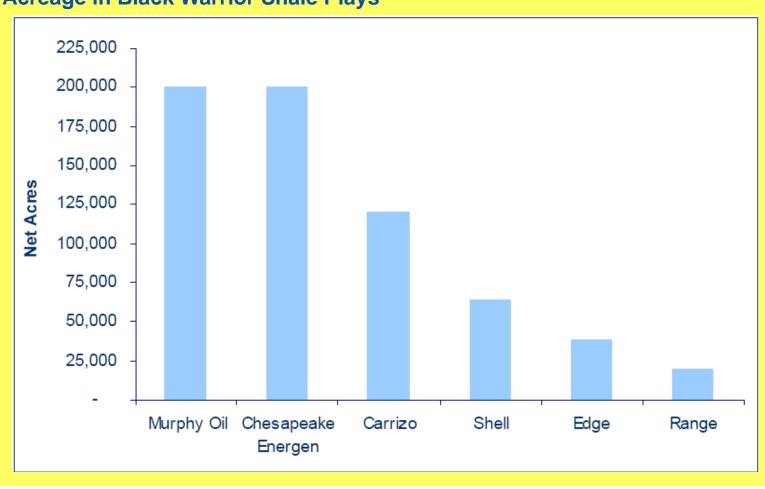
Murphy Oil has accumulated one of the largest acreage positions in the play. The company partnered with Noble to drill five exploration wells in Pickens County, Alabama, during 2006. Energen and Chesapeake have a joint lease ownership amounting to 200,000 acres. Chesapeake entered the area by purchasing 50% of Energen's 200,000 net acres in Alabama for US\$75 million, equivalent to US\$750 per acre. Chesapeake has also committed to pay US\$15.0 million of Energen's initial drilling costs. Shell holds a sizable position, but is pursuing a sale of its holdings.

Among the smaller independents, Carrizo has more than 100,000 net acres. Also, Edge Petroleum and Range Resources have accumulated 40,000 and 20,000 net acres, respectively. No wells have been drilled by these three companies, but each has announced plans to explore the shale play in 2007.

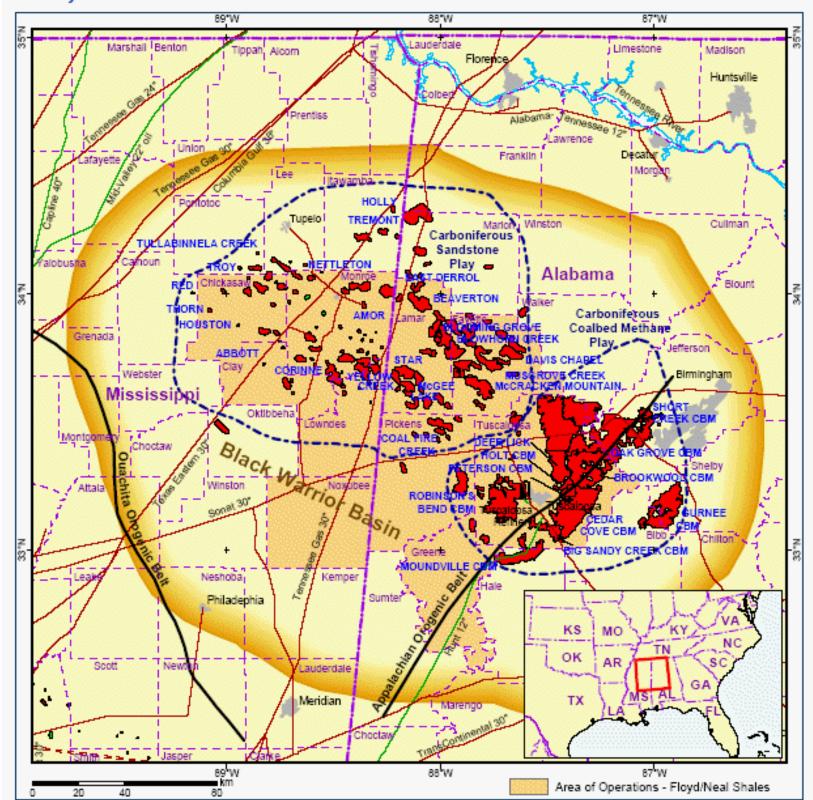
Two other companies, EOG and Denbury, have drilled wells in the shale play. However, their acreage position is unknown. Neither of the companies is reporting gas sales or giving guidance on their lease positions.

The following chart shows the net acreage position of the main operators in the Alabama and Mississippi shale plays.

Acreage in Black Warrior Shale Plays



The Floyd/Neal Shale Counties



Challenges to the Play's Development

Wood Mackenzie has identified the major risks that are affecting the development of the Black Warrior Basin's shales.

These are a lack of well control, uncertain economics, and infrastructure constraints.

Well Control

Dominion, Energen, Carrizo, Chesapeake, Murphy, Denbury, Edge, and EOG are among the small number of operators which are known to be shooting seismic and drilling shale targeted wells in the Black Warrior Basin. The limited amount of data available means that the viability of the shales cannot be confirmed.

Horizontal wells costing up to US\$3.0 million are expected to be the preferred method of development. In the Barnett Shale, advancements in drilling and completion technologies have been key to recent successes. Also, operators have formed alliances with service companies to control costs and share knowledge. By working closely together in the Barnett, companies have managed to lower drill time and optimise completion design. We predict that companies exploring Black Warrior shales will face similar challenges to early Barnett Shale operators.

Economic Risk

The Barnett Shale is the most successful shale play in North America. In a previous Insight report (Shale Shines in the Lone Star State – October 2006), we suggested that the break-even gas price for the Barnett Shale is approximately US\$5.00/mcf. The Black Warrior's shales are generally of an inferior quality to the Barnett, both in terms of their thickness and gas yield. As a result, initial well production rates and reserves will generally be lower than in the Barnett Shale.

Indicatively, a well with initial production of 1.2 mmcfd and reserves of 0.9 bcf will have break-even economics of US\$7.00/mcf. This is significantly higher than the Barnett Shale, and at the upper end of many companies' view of the long term gas price.

Infrastructure

There currently is limited infrastructure in the basin. Without the construction of gathering and transmission pipelines,

and the addition of gas processing and compression, a full-scale development programme remains unlikely. Any future

commitment to building a large-scale midstream project will involve lengthy feasibility studies and a large capital

commitment. This is unlikely to occur prior to companies becoming comfortable with the potential of the region.

Conclusion

In our opinion, the dash to secure leases in the shale gas plays of the Black Warrior Basin has peaked. Following a surge in leasing in 2005 and 2006, the resulting rise in costs is cooling activity in these plays. Up to now, companies have been acquiring leases on a largely speculative basis. The large lease bonuses were paid during a period of record commodity prices.

The Floyd and Neal shales have some favorable attributes. However, there is currently no commercial production from either of these plays, and none is imminent. We view these plays as being high-risk for investors, and their successful development will be dependent on a period of sustained high gas prices. More importantly, operators are waiting for well data which will support further investment. They are looking for confirmation that the geology is conducive to building a sustainable productive resource. Once companies become comfortable with the potential of these plays, then they may be more willing to divert capital into the development of the much needed infrastructure.

The play has many unknowns, and at this early stage in its development, operators have yet to laude its success. Considering the numerous challenges involved, these plays may remain on the margins of most company's portfolios. Investment in lower-risk, lower-cost opportunities may remain the order of the day in the Lower 48.

A truly honorable man helps a young elephant, Read on,

In 1986, Mkele Mbembe was on holiday in Kenya after graduating from Northwestern University. On a hike through the bush, he came across a young bull elephant standing with one leg raised in the air. The elephant seemed distressed, so Mbembe approached it very carefully. He got down on one knee and inspected the elephant's foot, and found a large piece of wood deeply embedded in it. As carefully and as gently as he could, Mbembe worked the wood out with his hunting knife, after which the elephant gingerly put down its foot. The elephant turned to face the man, and with a rather curious look on its face, stared at him for several tense moments. Mbembe stood frozen, thinking of nothing else but being trampled. Eventually the elephant trumpeted loudly, turned, and walked away. Mbembe never forgot that elephant or the events of that day.

Twenty years later, Mbembe was walking through the Chicago Zoo with his teenaged son.

As they approached the elephant enclosure, one of the creatures turned and walked over to near where Mbembe and his son Tapu were standing. The large bull elephant stared at Mbembe, lifted its front foot off the ground, then put it down. The elephant did that several times then trumpeted loudly, all the while staring at the man. Remembering the encounter in 1986, Mbembe couldn't help wondering if this was the same elephant. Mbembe summoned up his courage, climbed over the railing and made his way into the enclosure. He walked right up to the elephant and stared back in wonder. The elephant trumpeted again, wrapped its trunk around one of Mbembe's legs and slammed him against the railing, killing him instantly.

Probably wasn't the same elephant.....

The Mississippi Geological Society would like to thank the following members for remembering to pay their 2006 – 2007 dues:

Frank Adams Xavier Allemandou Ethan E. Allen John E. Allen Jr W. Lester Aultman William D. Bagnall Claude C. Baker Harold D. Baker **Neil Barnes** Ray Louis Bellande Forrest Berry Maurice N. Birdwell Mike Blackwell Michael Bograd Lynn D. Boone Bernard H. Booth **Christopher Bowen** Joe C. Bradley Charles A. Brinkley Benjamin E. Byerly Alvin Byrd **Donald Caldwell** Pittman Calhoun J.C. Carlisle Paul David Cate Roger M. Chapman Tyrol B. Coley Graham F. Cook Philip L. Cook Jr.

H. Mack Cox

John G. Cox

Steven H. Craft

James Crawford

Phillip T. Crawford

Verne Culbertson **

James L. Cummings Jr. Paul Day Carl Dillistone Will Dobler **David Dockery** Jak Douglas Myrl "Bob" Douglas Gary T. Dunlap Rick L. Ericksen Leisa Estes Jo F. Everett * Jay Ferris Jim Files Deane Foss James B. Furrh Jr. Robert S. Gaston Donald C. Gifford Max Gilpin Thomas A. Giosa Keith Gourgues Henry W. H. Greaves

John W. Green
Paul J. Gribas
Phillip Gunter
R. B. Gustafson Jr.
Mike Harmount
Wilbur L. Harper
George S. Haymans
Daniel E. Herlihy
David R. Higginbotham
E. Ralph Hines **
Todd Hines *

Johnny Holifield

Bernard A. Holman

L. Edward Hollingsworth

Woodie T. Huffman Dudley J. Hughes ** Stephen L. Ingram Sr. Logan Irvin E. Geoffrey Jefferys W. Kevin Jeffreys Ron Jinkins Frank E. Johnson Joseph R. Johnson Jr. * Lars Johnson Fred Katzenmeyer Karl J. Kaufman * Stanley King S. Cragin Knox **Donnie Lambert** Dee W. Layman Cody Lenert Joe A. Lott Ken R. Magee Ernest A. Mancini John C. Marble Pat G. Mason Terry A. Mattalino Joseph H. McDuff James R. McElroy Tom McMillan Phillip E. Meadows Maurice A. Meylan James T. Michael **Bryant Miller** David W. Miller Dean Miller Emil Monsour **

Jack S. Moody *

Patrick J. Moore

The Mississippi Academy of Sciences Annual Meeting

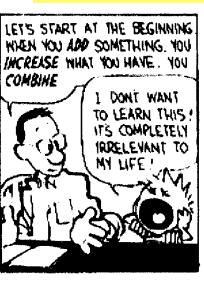
February 22-23rd, 2007 Starkville, Mississippi

For more information see our website @ http://www.msacad.org

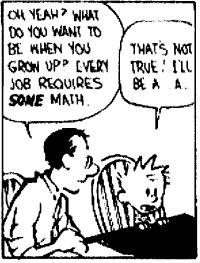
William Morris **Charles Morrison** Lew Murray James M. Nix Michael A. Noone James M. Norris William T. Oakley Brian Panetta **Howard Patton** Einar N. Pederson, Jr. Frank Perkins Jeanne S. F. Phelps Billy Powell Jim C. Provost George Puckett Philip R. Reeves Armando T. Ricci Jr. Julius M. Ridgway William B. Ridgway Jr. Ken D. Ruckstuhl Winston Russell **Howard Samsel** Darrell W. Schmitz Robert Schneeflock *

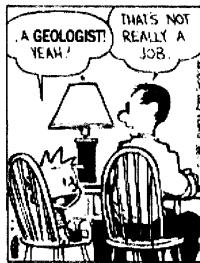
Wallace Harvey Scoggins George W. Self Jr. Thad N. Shows John D. Silvernail **Brian Sims** Jim Sinclair Charles M. Smith Donald L. Smith George T. Smith Jimmy Sparks Harry Spooner Michal Spooner James O. Stephens Lindsey Stewart * Edwin E. Sticker Tony R. Stuart * Andrew T. Sylte **Thomas Sylte** Michael W. Taylor Mark Teague William A. Tedesco Stan C. Thieling **Bob Thomas** David E. Thompson

Daniel Trotter Watts C. Ueltschev Wayne E. Upchurch Jeremy Van Slyke Janet Verret George B. Vockroth Robert Walker Steve Walkinshaw * **Eddy Waller** Johnnie Wagner Vaughn Watkins John C. Weaver Stewart W. Welch ** Joe R. White Jr. Rex Wilkinson Charles H. Williams Jr. William (Butch) Wilson Robert Womack Jr. James Robert Woolsev Michael J. Wright Mark R. Wyatt Jim Young ** honorary members * board members



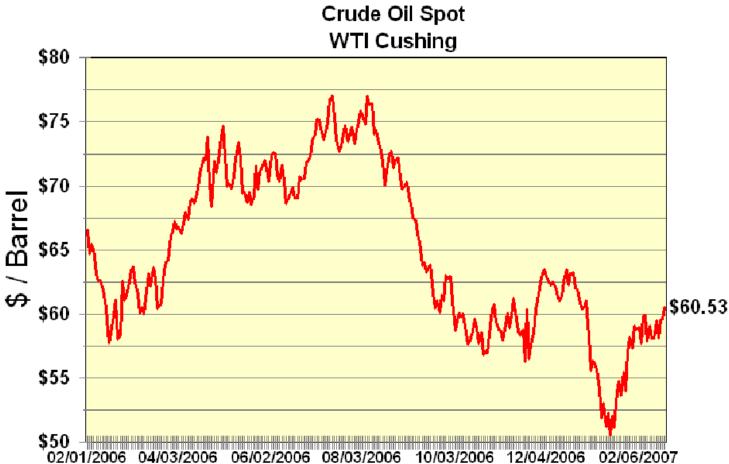






While shopping for vacation clothes, Earl & Louise passed a display of bathing suits. It had been at least ten years and twenty pounds since Louise considered buying a bathing suit, so she sought Earl's advice.

"What do you think?" she asked. "Should I get a bikini or an all-in-one?" "Better get a bikini," Earl replied. "You'd never get it all in one."



03/03/2006 05/03/2006 07/05/2006 09/01/2006 11/01/2006 01/05/2007 Feb 1, 2006 - Feb 23, 2007 WTRG Economics ©2007

Natural Gas Spot



03/03/2006 05/03/2006 07/05/2006 09/01/2006 11/01/2006 01/05/2007

Feb 1, 2006 - Feb 23, 2007

WTRG Economics @2007

North American Rotary Rig Counts

The U.S. rotary rig count was up 15 rigs to 1,746 for the week of February 16, 2007 and is 13.0 percent higher than last year.

The number of rotary rigs drilling for oil is up 15 at 267. The number of rigs targeting oil is 52 rigs higher than last year's level of activity. Rigs currently drilling for oil represent 15.3% percent of total drilling activity.

Rigs directed toward natural gas were unchanged at 1,473. The number of rigs currently drilling for gas is 146 greater than last year's level of 1,327.

Year-over-year oil exploration in the US is up 24.2 percent. Gas exploration is up 11.0 percent. The weekly average of crude oil spot prices is 1.75 percent lower than last year and natural gas spot prices are 13.4 percent higher. Daily crude oil and natural gas futures and spot prices are available on our site.

Canadian rig activity* was down 5 at 635 for the week of February 16, 2007 and is 82 lower than last year's rig count. Canadian drilling falls rapidly in the spring to avoid environmental damage during the spring thaw and rainy season.

*The Canadian drilling industry experiences wide seasonal swings and even year over year comparisons can lead to incorrect conclusions.

North American Rig Count

				Change		Percent Change	
	02/16/07	02/09/07	02/17/06	Weekly	Annual	Weekly	Annual
Total U.S.	1,746	1,731	1,545	15	201	0.9%	13.0%
Offshore	88	83	79	5	9	6.0%	11.4%
Land	1,658	1,648	1,466	10	192	0.6%	13.1%
Inland Waters	26	26	21	0	5	0.0%	23.8%
Oil	267	254	215	13	52	5.1%	24.2%
Percent	15.3%	14.7%	13.9%	0.6%	1.4%		
Gas	1,473	1,473	1,327	0	146	0.0%	11.0%
Percent	84.4%	85.1%	85.9%	-0.7%	-1.5%		
Directional	369	361	363	8	6	2.2%	1.7%
Horizontal	345	346	255	-1	90	-0.3%	35.3%
Gulf of Mexico	84	80	78	4	6	5.0%	7.7%
Gulf Oil	3	3	8	0	-5	0.0%	-62.5%
Percent	3.6%	3.8%	10.3%	-0.2%	-6.7%		
Gulf Gas	81	77	70	4	11	5.2%	15.7%
Percent	96.4%	96.3%	89.7%	0.2%	6.7%		
Canada	636	641	718	(5)	(82)	-0.8%	-11.4%
North America	2,382	2,372	2,263	10	119	0.4%	5.3%



CONTRACT DRILLING 3000 – 13,000 FEET MS - LA - AR - AL - FL

Pat Burns, Jr. Ed Ellis 601 / 446-5259

P.O. Box 905 413 Liberty Road Natchez, MS 39210

PRUET OIL COMPANY, LLC

OIL & GAS EXPLORATION

217 WEST CAPITOL STREET JACKSON, MS 39201

OFFICE: (601) 948-5279 FAX: (601) 944-1281



Member: AAPL . MAPL . PLANO

ROBERT E. WALKER, J.D., CPL/ESA
Land and Right-of-Way Consultant
Phase One Environmental Assessments
Title Work • Leasing • Curative • Due Diligence

Sixteen Stillwell Place Hattiesburg, MS 39402 e-mail: nobugbob@bellsouth.net

Ph: (601) 264-5911 Fax: (601) 261-3351



MORROW OIL & GAS CO.

P.O. BOX 6718 JACKSON, MISSISSIPPI 39282-6718

FAX: (601) 372-6765

OFFICE: (601) 372-6613

James L. Cummings, Jr. Geologist

Waller Bros., Inc. Oil & Gas Properties 524 E. Pascagoula St. Jackson, MS 39201

(601) 352-6556



Jerry P. Ogden

OIL AND GAS EXPLORATION AND PRODUCTION CONSULTING PETROLEUM ENGINEER

P. O. Box 101 Natchez, MS 39121 Office (601) 446-8105 Fax (601) 446-8844

SPOONER PETROLEUM COMPANY

210 East Capitol St., Suite 956 Jackson, Mississippi 39201

Oil & Gas Production & Exploration Contract Operations

601-969-1831

ANNANDALE PRODUCTION CO., INC.

P O Box 2236, Jackson, MS 39255 Office (601) 856-1028 fax (601) 898-7958

W. LESTER AULTMAN

125 South Congress St., Suite 1212, Jackson, MS 39201 Office (601) 353-2738 Res. (601) 924-4830

MEMBERSHIP APPLICATION / RENEWAL FORM

MISSISSIPPI GEOLOGICAL SOCIETY P.O. BOX 422, JACKSON, MISSISSIPPI 39205-0422

2006-2007

Membership year is June through May

New Membership (\$20/yr)	Renewal (\$20/yr)	Student (\$5/yr)	Associate (\$20/yr)	
Boland Scholarship Fund	Donation \$	Total Amount Enclo	osed \$	
Last Name:	First:_		MI:	
Mailing Address:				
Office Phone:	Home Phone:	FA	X:	
E-mail Address:				
College/University Attended:				
Degree(s) Obtained and Year(s) Awarded:				
Professional Associations, Certifications, & Licenses:				

MGS ADVERTISING ORDER FORM

September 2006 – May 2007

I. Bulletin Advertisements:

Size	Rate/Year	Amt. Remitted
Full Page Ad (6" x 8")	\$500	\$
1/2 Page Ad (6" x 4")	\$300	\$
1/4 Page Ad (3" x 4")	\$200	\$
Business Card Ad (1 1/2" x 3")	\$100	\$
Professional Listing (1/2" x 3")	\$ 50	\$

II. Web Page Advertisements (www.missgeo.com):

Type of Web Page Ad	Rate/Year	Amt. Remitted
Front Page Sponsor		
(Banner Ad – limit of 5)	\$500	\$
Second Page Banner Ad	\$250	\$
Professional Listing/Link	\$100	\$

(Note: Please contact Steve Walkinshaw at (601) 607-3227 or mail@visionexploration.com for details concerning placing your ad on the MGS web site.)

Total Remitted \$

Please make checks payable to the Mississippi Geological Society. If you have any questions, contact Lindsey Stewart at (601) 961-5264 or lindsey_stewart@deq.state.ms.us.



118 LOWER WOODVILLE ROAD NATCHEZ, MS 39120

SHAMROCK DRILLING, INC. CONTRACT DRILLING

3,000' - 10,000' LA-MS-AR-TX-AL

Ph: 601-442-0785

Call Stephen Guido or Fax Drilling Proposal: 601-446-9907 Email: shamrockdrilling@bellsouth.net

* Turnkey Contract

* Will consider Working Interest Participation