

Chesapeake Energy Corporation Provides Operational Update

Company Reports 2009 Second Quarter Production of 2.453 Bcfe per Day, an Increase of 4% over 2009 First Quarter Production and 5% over 2008 Second Quarter Production

OKLAHOMA CITY--(BUSINESS WIRE)--Jul. 30, 2009-- Chesapeake Energy Corporation (NYSE:CHK) today provided a comprehensive update on its operational activities. For the 2009 second quarter, daily production averaged 2.453 billion cubic feet of natural gas equivalent (bcfe), an increase of 86 million cubic feet of natural gas equivalent (mmcfe), or 4%, over the 2.367 bcfe produced per day in the 2009 first quarter and an increase of 125 mmcfe, or 5%, over the 2.328 bcfe produced per day in the 2008 second quarter. Adjusted for the company's voluntary production curtailments due to low natural gas and oil prices (which averaged approximately 74 mmcfe per day during the 2009 second quarter), the company's three 2008 volumetric production payment sales (which averaged approximately 139 mmcfe per day during the 2009 second quarter) and the estimated impact from the company's 2008 sales of Woodford Shale and Fayetteville Shale properties (which would have averaged approximately 81 mmcfe per day during the 2009 second quarter), Chesapeake's sequential and year-over-year production growth rates would have been 4% and 16%, respectively, after making similar adjustments to prior quarters. The company is not currently curtailing production, but may do so again later this summer or fall as market conditions dictate. The company also expects that rising pipeline and gathering system pressures during the next few months will likely result in involuntary natural gas production curtailments across the industry.

Chesapeake's average daily production for the 2009 second quarter consisted of 2.245 billion cubic feet of natural gas (bcf) and 34,637 barrels of oil and natural gas liquids (bbls). The company's 2009 second quarter production of 223.2 bcfe was comprised of 204.3 bcf (92% on a natural gas equivalent basis) and 3.152 million barrels of oil and natural gas liquids (mmbbls) (8% on a natural gas equivalent basis).

Company Increases Proved Natural Gas and Oil Reserves by 0.7 Tcfe to 12.5 Tcfe, Anticipates Reporting 2009 Second Quarter Drilling and Net Acquisition Costs of Less Than \$1.00 per Mcfe; Company Record Set for Organic Reserve Additions and Reserve Replacement Over a Six-Month Period; Year-End Proved Reserve Targets for 2009 and 2010 Reaffirmed at 14 and 16 Tcfe, Respectively

Chesapeake began the 2009 second quarter with estimated proved reserves of 11.851 trillion cubic feet of natural gas equivalent (tcfe) and ended the 2009 second quarter with 12.525 tcfe, an increase of 674 bcfe, or 5.7%. During the 2009 second quarter, Chesapeake replaced 223 bcfe of production with an estimated 897 bcfe of new proved reserves for a reserve replacement rate of 402%. The quarter's reserve movement includes 493 bcfe of extensions, 343 bcfe of positive performance revisions, 156 bcfe of positive revisions resulting from natural gas and oil price increases between March 31, 2009 and June 30, 2009 and 95 bcfe of net divestitures.

During the 2009 first half, Chesapeake increased its estimated proved reserves by 474 bcfe, or 3.9%, from 12.051 tcfe at year-end 2008. For the 2009 first half, Chesapeake replaced 436 bcfe of production with an estimated 910 bcfe of new proved reserves for a reserve replacement rate of 209%. The reserve movement in the 2009 first half includes 920 bcfe of extensions, 740 bcfe of positive performance revisions, 664 bcfe of downward revisions resulting from natural gas and oil price decreases between December 31, 2008 and June 30, 2009 and 86 bcfe of net divestitures. Chesapeake's 1,660 bcfe of extensions and performance revisions in the 2009 first half set a company record for the highest level of organic reserve additions over a six-month period and its organic reserve replacement rate of 381% for the six-month period was also the highest in the company's history.

Chesapeake anticipates reporting total drilling and net acquisition costs for the 2009 second quarter of less than \$1.00 per mcfe. This estimate excludes costs for the acquisition of unproved properties and leasehold, capitalized interest on unproved properties, seismic and costs relating to asset retirement obligations, and also excludes positive revisions of proved reserves from higher natural gas and oil prices. The estimate includes the benefit of drilling carries associated with the Haynesville (\$118 million), Fayetteville (\$166 million) and Marcellus (\$27 million) joint ventures. A complete reconciliation of 2009 second quarter proved reserves and finding and acquisition costs will be provided on August 3, 2009 in conjunction with the company's release of financial and operational results for the 2009 second quarter.

Chesapeake continued the industry's most active drilling program during the 2009 first half, and drilled 580 gross operated wells (432 net wells with an average working interest of 74%) and participated in another 581 gross wells operated by other companies (44 net wells with an average working interest of 8%). The company's drilling success rate was 99% for both company-operated and non-operated wells. Also during the 2009 first half, Chesapeake used an average of 104 operated rigs and an average of 53 non-operated rigs.

As of June 30, 2009, the present value of future net cash flows, discounted at 10% per year, of Chesapeake's estimated proved reserves (PV-10) was \$11.076 billion using field differential adjusted prices based on NYMEX quarter-end prices of \$3.89 per thousand cubic feet (mcf) and \$70.00 per bbl. Chesapeake's PV-10 changes by approximately \$400 million for every \$0.10 per mcf change in natural gas prices and approximately \$65 million for every \$1.00 per bbl change in oil prices.

By comparison, the December 31, 2008 PV-10 of the company's proved reserves was \$15.601 billion (\$11.833 billion applying the SFAS 69 standardized measure) using field differential adjusted prices based on NYMEX year-end prices of \$5.71 per mcf and \$44.61 per bbl. The June 30, 2008 PV-10 of the company's proved reserves was \$51.5 billion using field differential adjusted prices based on NYMEX quarter-end prices of \$13.10 per mcf and \$140.02 per bbl.

Chesapeake's Leasehold and 3-D Seismic Inventories Total 14.3 Million Net Acres and 22.7 Million Acres; Risked Unproved Reserves in the Company's Inventory Total 62 Tcfe and Unrisked Unproved Reserves Total 172 Tcfe

Since 2000, Chesapeake has built the largest combined inventories of onshore leasehold (14.3 million net acres) and 3-D seismic (22.7 million acres) in the U.S. and the largest inventory of U.S. Big 4 shale play leasehold (2.7 million net acres). On its leasehold at June 30, 2009, Chesapeake had identified an estimated 12.5 tcf of proved reserves, approximately 62 tcf of risked unproved reserves and 172 tcf of unrisked unproved reserves. The company is currently using 95 operated drilling rigs to further develop its inventory of approximately 36,000 net drillsites, which represents more than a 10-year inventory of drilling projects.

The following table summarizes Chesapeake's ownership and activity in its Big 4 shale plays, its two primary Anadarko Basin Granite Wash plays and its other plays. Chesapeake uses a probability-weighted statistical approach to estimate the potential number of drillsites and unproved reserves associated with such drillsites.

Play Type/Area	CHK Net Acreage	Est. Drilling Density (Acres)	Risk Factor	Risk Net Undrilled Wells	Est. Avg. Reserves Per Well (bcfe)	Total Proved Reserves (bcfe)	Risk Unproved Reserves (bcfe)	Total Proved and Risked Unproved Reserves (bcfe)	Unrisked Unproved Reserves (bcfe)	Est. IRR at \$7 Gas/\$70 Oil	Current Daily Production (mmcf)	Current Operat Rig Count
Big 4 Shale Plays:												
Haynesville Shale	510,000	80	40%	3,750	6.50	870	17,900	18,770	30,100	42%	175	29
Marcellus Shale	1,450,000	80	75%	4,550	4.20	125	16,100	16,225	64,600	71%	30	15
Barnett Shale	310,000	60	15%	2,750	2.65	3,202	4,700	7,902	6,300	32%	655	19
Fayetteville Shale	440,000	80	20%	4,100	2.40	1,018	7,800	8,818	9,800	24%	240	20
Big 4 Shale Play Subtotals	2,710,000			15,150		5,215	46,500	51,715	110,800		1,100	83
Colony Granite Wash	60,000	160	15%	300	5.70	316	1,100	1,416	1,250	140%	90	2
Texas Panhandle	40,000	80	25%	200	4.75	464	400	864	700	135%	70	1
Granite Wash Other	11,490,000	Various	Various	20,100	Various	6,530	13,600	20,130	59,650	Various	1,225	9
Total	14,300,000			35,750		12,525	61,600	74,125	172,400	Various	2,485	95

Haynesville Shale (Northwest Louisiana, East Texas): Chesapeake is the largest leasehold owner and most active driller of new wells in the Haynesville Shale play in Northwest Louisiana and East Texas. Chesapeake now owns approximately 510,000 net acres of leasehold in the Haynesville Shale play, an increase of approximately 40,000 net acres since March 31, 2009. Chesapeake and its 20% partner, Plains Exploration & Production Company (NYSE:PX) (which owns approximately 113,000 additional net acres), have drilled and completed 74 Chesapeake-operated horizontal wells in the Haynesville play and continue to experience outstanding drilling results. During the 2009 second quarter, Chesapeake's average daily net production of 135 mmcf in the Haynesville increased approximately 85% over the 2009 first quarter and approximately 865% over the 2008 second quarter. Chesapeake is currently producing approximately 175 mmcf net per day (285 mmcf gross operated) from the Haynesville and anticipates exceeding approximately 275 mmcf net per day (575 mmcf gross operated) by year-end 2009 and approximately 450 mmcf net per day (1.025 bcfe gross operated) by year-end 2010. To further develop its 510,000 net acres of Haynesville leasehold, Chesapeake is currently drilling with 29 operated rigs and anticipates operating an average of approximately 33 rigs in the second half of 2009 and 36 rigs in 2010 to drill approximately 75 and 180 net wells, respectively. During the first half of 2009, approximately \$204 million of Chesapeake's drilling costs in the Haynesville were paid for by its joint venture partner PX. During the second half of 2009 and in 2010, 50% of Chesapeake's drilling costs in the Haynesville will be paid for by PX, or approximately \$275 million and \$675 million in each year, respectively.

The following chart illustrates Chesapeake's aggregate drilling results from 56 company-operated horizontal wells drilled in the Haynesville since January 1, 2008 and completed using at least 10-stage fracture stimulations. To date, initial production rates from horizontal wells completed with at least 10-stage fracture stimulations have exceeded the company's expectations. As a result, Chesapeake has recently adjusted its targeted type curve while maintaining an estimated average estimated ultimate recovery (EUR) of 6.5 bcfe per well, but now recognizing higher initial production rates (IPs), faster recovery rates and enhanced present value from each well, as illustrated in the chart below.

Assuming flat NYMEX natural gas prices of \$7.00 per mcf over the life of the well (compared to a recent 10-year NYMEX strip price of approximately \$7.02 per mcf), the company's estimated pre-tax rate of return from a 6.5 bcfe horizontal Haynesville well drilled for \$7.5 million is approximately 42% excluding the benefit of drilling carries and more than 345% including the benefit of drilling carries. Chesapeake's 50% drilling carry from PX will provide CHK with an estimated return from its Haynesville drilling that is more than 800% greater than the returns other companies will likely experience without the benefit of drilling carries. This should result in Chesapeake delivering lower finding costs, higher returns on invested capital and higher production growth levels than other companies will likely deliver from the Haynesville. In addition, Chesapeake's leasehold investment in the Haynesville to date has been approximately \$4.7 billion, of which approximately \$1.7 billion, or 35%, has been recouped to date by selling a 20% interest in the company's leasehold to PX. The company's net investment in its Haynesville leasehold is now about \$6,000 per net acre on average.

Three notable wells completed by Chesapeake in the Haynesville during the 2009 second quarter are as follows:

- The CLD 23 H-1 in Caddo Parish, LA commenced production on June 22, 2009 and achieved a peak rate of 29.1 mmcf per day and a pipeline-constrained first 30-day average rate of 15.3 mmcf per day.
- The Frith 29 H-1 in De Soto Parish, LA commenced production on June 27, 2009 and achieved a pipeline-constrained peak rate of 23.7 mmcf per day and a pipeline-constrained first 30-day average rate of 14.2 mmcf per day.
- The Chesapeake Royalty LLC 30 H-1 in De Soto Parish, LA commenced production on June 27, 2009 and achieved a pipeline-constrained peak rate of 22.6 mmcf per day and a pipeline-constrained first 30-day average rate of 15.2 mmcf per day.

Marcellus Shale (West Virginia, Pennsylvania and New York): Having increased its leasehold ownership by 150,000 net acres to 1.45 million net acres during the 2009 second quarter, Chesapeake has solidified its position as the largest leasehold owner in the Marcellus Shale play that spans from northern West Virginia across much of Pennsylvania into southern New York. The company's joint venture partner, StatoilHydro (NYSE:STO, OSE:STL), owns approximately 625,000 net acres of additional Marcellus leasehold. Chesapeake remains the most active driller and expects to become the largest gross producer of natural gas from the play by year-end 2009. During the 2009 second quarter, Chesapeake's average daily net production of approximately 30 mmcf in the Marcellus increased approximately 155% over the 2009 first quarter and approximately 600% over the 2008 second quarter. Chesapeake is currently producing approximately 30 mmcf net per day (50 mmcf gross operated) from the Marcellus and anticipates reaching approximately 80 mmcf net per day (200 mmcf gross operated) by year-end 2009 and approximately 200 mmcf net per day (500 mmcf gross operated) by year-end 2010. To further develop its 1.45 million net acres of Marcellus leasehold, Chesapeake is currently drilling with 15 operated rigs and anticipates operating an average of approximately 19 rigs in the second half of 2009 and 28 rigs in 2010 to drill approximately 60 and 165 net wells, respectively. During the first half of 2009, approximately \$39 million of Chesapeake's drilling costs in the Marcellus were paid for by STO. During the second half of 2009 and in 2010, 75% of Chesapeake's drilling costs in the Marcellus will be paid for by STO, or approximately \$200 million and \$550 million in each year, respectively.

Since January 1, 2008, Chesapeake has drilled and completed 25 company-operated horizontal wells in the Marcellus. To date, production rates and reserve recoveries in the Marcellus have exceeded the company's expectations while decline rates have been lower than anticipated. Based on drilling results by Chesapeake and others in the industry, the company has recently increased its targeted average EUR in the Marcellus from 3.75 bcfe per well to 4.2 bcfe per well. Assuming flat NYMEX natural gas prices of \$7.00 per mcf (compared to a recent 10-year NYMEX strip price of approximately \$7.02 per mcf), the company's estimated pre-tax rate of return from a 4.2 bcfe horizontal Marcellus well drilled for \$4.5 million is approximately 71% excluding the benefit of drilling carries and more than 1,000% including the benefit of drilling carries. Chesapeake's 75% drilling carry from STO will provide CHK with an estimated return from its Marcellus drilling that is more than 1,000% greater than the returns other companies will likely experience without the benefit of drilling carries. This should result in Chesapeake delivering lower finding costs, higher returns on invested capital and higher production growth levels than other companies will likely deliver from the Marcellus. In addition, Chesapeake's leasehold investment in the Marcellus to date has been approximately \$1.3 billion, of which \$1.2 billion, or 91%, has been recouped to date by selling a 32.5% interest in the company's leasehold to STO. The company's net investment in its Marcellus leasehold is now about \$80 per net acre on average.

Three notable wells completed by Chesapeake in the Marcellus during the 2009 second quarter are as follows:

- The Vargson 1H in Bradford County, PA commenced production on April 13, 2009 and achieved a peak rate of 7.0 mmcf per day and a first 30-day average rate of 4.6 mmcf per day.
- The Evanchick 2H in Bradford County, PA commenced production on May 6, 2009 and achieved a peak rate of 6.9 mmcf per day and a first 30-day average rate of 5.3 mmcf per day.
- The James Messenger 3H in Wetzel County, WV commenced production on April 10, 2009 and achieved a peak rate of 5.1 mmcf per day and a first 30-day average rate of 3.4 mmcf per day.

Barnett Shale (North Texas): The Barnett Shale is currently the largest natural gas producing field in the U.S. and is producing approximately 70% of all shale gas in the U.S. In this play, Chesapeake is the second-largest producer, the most active driller and the largest leasehold owner in the Core and Tier 1 sweet spots of Tarrant and Johnson counties. During the 2009 second quarter, Chesapeake's average daily net production of approximately 650 mmcf in the Barnett was flat compared to the 2009 first quarter and increased approximately 40% over the 2008 second quarter. Chesapeake is currently producing approximately 655 mmcf net per day (925 mmcf gross operated) from the Barnett and anticipates reaching approximately 725 mmcf net per day (1,050 mmcf gross operated) by year-end 2009 and approximately 750 mmcf net per day (1,100 mmcf gross operated) by year-end 2010. To further develop its 310,000 net acres of leasehold, of which 280,000 net acres are located in the prime Core and Tier 1 areas, Chesapeake anticipates operating an average of approximately 18 rigs in the second half of 2009 and 20 rigs in 2010 to drill approximately 145 and 310 net wells, respectively. If Chesapeake is successful in finding a joint venture partner in the second half of 2009 for some or all of its Barnett Shale leasehold, the company plans to significantly increase Barnett drilling activity and production in 2010 and beyond. Assuming flat NYMEX natural gas prices of \$7.00 per mcf (compared to a recent 10-year NYMEX strip price of approximately \$7.02 per mcf), the company's estimated pre-tax rate of return from a 2.65 bcfe horizontal Barnett well drilled for \$2.6 million is approximately 32%.

The following chart illustrates Chesapeake's aggregate drilling results from 849 company-operated horizontal wells with laterals at least 2,500 feet drilled in the Barnett since January 1, 2008.

Three notable wells completed by Chesapeake in the Barnett during the 2009 second quarter are as follows:

- The Armet Dale Street 7H in Tarrant County, TX commenced production on June 3, 2009 and achieved a peak rate of 7.8 mmcf per day and a first 30-day average rate of 4.4 mmcf per day.
- The Chevy 2H in Johnson County, TX commenced production on June 12, 2009 and achieved a peak rate of 7.4 mmcf per day and a first 30-day average rate of 5.8 mmcf per day.
- The Gann 4H in Johnson County, TX commenced production on June 5, 2009 and achieved a peak rate of 7.0 mmcf per day and a first 30-day average rate of 5.4 mmcf per day.

In addition, Chesapeake has drilled two of the best three wells ever drilled in the Barnett, the Donna Ray 1H and Donna Ray

3H. These two wells averaged 9.6 and 8.8 mmcf per day, respectively, during their first 30 days of production.

Fayetteville Shale (Arkansas): The Fayetteville Shale is currently the second most productive shale play in the U.S. and one of the nation's 10-largest natural gas fields of any type. In the Fayetteville, Chesapeake is the second-largest leasehold owner in the Core area of the play with 440,000 net acres. During the 2009 second quarter, Chesapeake's average daily net production of 220 mmcf in the Fayetteville increased approximately 15% over the 2009 first quarter and approximately 60% over the 2008 second quarter. Chesapeake is currently producing approximately 240 mmcf net per day (325 mmcf gross operated) from the Fayetteville and anticipates reaching approximately 300 mmcf net per day (400 mmcf gross operated) by year-end 2009 and approximately 375 mmcf net per day (500 mmcf gross operated) by year-end 2010. To further develop its 440,000 net acres of Core Fayetteville leasehold, Chesapeake anticipates operating an average of approximately 18 rigs in the second half of 2009 and 16 rigs in 2010 to drill approximately 80 and 140 net wells, respectively. During the first half of 2009, approximately \$337 million of Chesapeake's drilling costs in the Fayetteville were paid for by its joint venture partner BP America (NYSE:BP). During the second half of 2009, nearly all of Chesapeake's drilling costs, or approximately \$300 million, will be paid for by BP.

The following chart illustrates Chesapeake's aggregate drilling results from 239 company-operated horizontal wells drilled in the Fayetteville since January 1, 2008. To date, production rates and reserve recoveries have exceeded the company's expectations.

As a result of continued strong drilling results, Chesapeake has increased its targeted average EUR in the Fayetteville from 2.2 bcf per well to 2.4 bcf per well. Assuming flat NYMEX natural gas prices of \$7.00 per mcf (compared to a recent 10-year NYMEX strip price of approximately \$7.02 per mcf), the company's estimated pre-tax rate of return from a 2.4 bcf horizontal Fayetteville well drilled for \$3.0 million is approximately 24% excluding the benefit of drilling carries and is infinite including the benefit of drilling carries. During the last few months of 2008 and throughout 2009, Chesapeake's 100% drilling carry from BP has provided Chesapeake with an infinitely greater return from its Fayetteville drilling than the returns other companies will likely experience without the benefit of drilling carries. This has resulted in lower finding costs, higher returns on invested capital and higher production growth levels than other companies have been able to deliver from the Fayetteville. In addition, Chesapeake's leasehold investment in the Fayetteville to date has been approximately \$525 million. By selling a 25% interest in the company's leasehold to BP for \$883 million, the company has more than recouped its entire leasehold investment in the Fayetteville.

Three notable wells completed by Chesapeake in the Fayetteville during the 2009 second quarter are as follows:

- The Maxwell 8-8 4-34H in White County, AR commenced production on May 29, 2009 and achieved a peak rate of 5.0 mmcf per day and a first 30-day average rate of 3.5 mmcf per day.
- The Terry Bomar 8-9 3-17H in White County, AR commenced production on April 27, 2009 and achieved a peak rate of 3.5 mmcf per day and a first 30-day average rate of 2.8 mmcf per day.
- The Don Shipp 9-15 1-11H in Conway County, AR commenced production on April 18, 2009 and achieved a peak rate of 4.1 mmcf per day and a first 30-day average rate of 2.4 mmcf per day.

Anadarko Basin Granite Wash (western Oklahoma and Texas Panhandle): In the various Wash plays of the Anadarko Basin, Chesapeake is the largest leasehold owner with approximately 360,000 net acres and also the most active driller and largest producer. The Colony Granite Wash and the Texas Panhandle Granite Wash plays highlighted below are two particularly prolific areas within the Anadarko Basin Granite Wash and have become the two highest rate-of-return plays in the company.

Colony Granite Wash (western Oklahoma): Discovered by Chesapeake in February 2007, the Colony Granite Wash play is located in Custer and Washita counties, Oklahoma and is a subset of the greater Granite Wash plays of the Anadarko Basin. In the Colony Granite Wash, Chesapeake is the largest leasehold owner with 60,000 net acres and is also the most active driller and largest producer in the play. During the 2009 second quarter, Chesapeake's average daily net production of 75 mmcf in the Colony Granite Wash increased approximately 30% over the 2009 first quarter and approximately 85% over the 2008 second quarter. Chesapeake is currently producing approximately 90 mmcf net per day (165 mmcf gross operated) from the Colony Granite Wash and anticipates reaching approximately 105 mmcf net per day (190 mmcf gross operated) by year-end 2009 and approximately 140 mmcf net per day (250 mmcf gross operated) by year-end 2010. To further develop its 60,000 net acres of Colony Granite Wash leasehold, Chesapeake anticipates operating an average of approximately four rigs in the second half of 2009 to drill approximately 10 net wells and seven rigs in 2010 to drill approximately 40 net wells. Due in large part to the play's high oil and natural gas liquids content, the Colony Granite Wash is Chesapeake's highest rate of return play. Assuming flat NYMEX natural gas and oil prices of \$7.00 per mcf and \$70 per bbl, respectively (compared to recent 10-year NYMEX strip natural gas and oil prices of approximately \$7.02 per mcf and \$82 per bbl), the company's estimated pre-tax rate of return from a 5.7 bcf horizontal Colony Granite Wash well drilled for \$6.25 million is approximately 140%.

The following chart illustrates Chesapeake's aggregate drilling results from 58 company-operated horizontal wells drilled in the Colony Granite Wash. To date, production rates and reserve recoveries have exceeded the company's expectations.

Three notable wells completed by Chesapeake in the Colony Granite Wash during the 2009 second quarter are as follows:

- The Balzar 2-7H in Washita County, OK commenced production on June 11, 2009 and achieved a peak rate of 23.6 mmcf per day (including 1,800 bbls per day of oil) and a first 30-day average rate of 17.1 mmcf per day (including 1,300 bbls per day of oil).
- The Miller 1-21H in Washita County, OK commenced production on June 27, 2009 and achieved a peak rate of 22.7 mmcf per day (including 1,500 bbls per day of oil) and a first 30-day average rate of 16.0 mmcf per day (including 900 bbls per day of oil).
- The Martin 1-16H in Washita County, OK commenced production on May 30, 2009 and achieved a peak rate of 19.7 mmcf per day (including 1,400 bbls per day of oil) and a first 30-day average rate of 15.4 mmcf per day (including 1,100 bbls per day of oil).

Texas Panhandle Granite Wash: The Texas Panhandle Granite Wash play is located in Hemphill and Wheeler counties, Texas and is a subset of the greater Granite Wash plays of the Anadarko Basin. In the Texas Panhandle Granite Wash, Chesapeake is one of the largest leasehold owners with 40,000 net acres and also one of the most active drillers and largest producers in

the play. During the 2009 second quarter, Chesapeake's average daily net production of 70 mmcf in the Texas Panhandle Granite Wash increased approximately 5% over the 2009 first quarter and approximately 15% over the 2008 second quarter. Chesapeake is currently producing approximately 70 mmcf net per day (95 mmcf gross operated) from the Texas Panhandle Granite Wash and anticipates reaching approximately 75 mmcf net per day (100 mmcf gross operated) by year-end 2009 and approximately 80 mmcf net per day (110 mmcf gross operated) by year-end 2010. To further develop its 40,000 net acres of Texas Panhandle Granite Wash leasehold, Chesapeake anticipates operating an average of two rigs in the second half of 2009 and in 2010 to drill approximately 10 and 20 net wells, respectively. Assuming flat natural gas and oil prices of \$7.00 per mcf and \$70 per bbl, respectively (compared to recent 10-year NYMEX strip natural gas and oil prices of approximately \$7.02 per mcf and \$82 per bbl), the company's estimated pre-tax rate of return from a 4.75 bcfe horizontal Texas Panhandle Granite Wash well drilled for \$5.5 million is approximately 135%.

The following chart illustrates Chesapeake's aggregate drilling results from 12 company-operated horizontal wells drilled in the Texas Panhandle Granite Wash. To date, production rates and reserve recoveries have exceeded the company's expectations.

Three notable wells completed by Chesapeake in the Texas Panhandle Granite Wash during the 2009 second quarter are as follows:

- The Stiles Ranch 23-11H in Wheeler County, TX commenced production on June 24, 2009 and achieved a peak rate of 6.6 mmcf per day (including 650 bbls per day of oil) and a first 30-day average rate of 3.2 mmcf per day (including 200 bbls per day of oil).
- The Reed 70-6H in Wheeler County, TX commenced production on June 25, 2009 and achieved a peak rate of 4.8 mmcf per day (including 220 bbls per day of oil) and a first 30-day average rate of 3.6 mmcf per day (including 130 bbls per day of oil).
- The Lott 2 4H in Wheeler County, TX commenced production on May 31, 2009 and achieved a peak rate of 4.5 mmcf per day (including 350 bbls per day of oil) and a first 30-day average rate of 3.2 mmcf per day (including 210 bbls per day of oil).

Management Comments

Aubrey K. McClendon, Chesapeake's Chief Executive Officer, commented, "We are once again pleased to highlight a strong quarterly operational performance by our company. Chesapeake owns an unrivalled U.S. asset base and, through our joint ventures, we have now constructed an unrivalled financing plan for the development of these assets – a plan that over the next four years should enable us to deliver the lowest finding costs, highest returns on capital and highest growth rates among large-cap E&P companies in the U.S. The company's performance this quarter provides a great deal of insight into what is to come for Chesapeake's investors in the years ahead. We are particularly proud of our strong organic reserve additions of 836 bcfe and our outstanding drilling and net acquisition costs below \$1.00 per mcf. In addition, our 2009 first half organic reserve additions of 1.7 tcf and reserve replacement rate of 381% set a remarkable six-month record for the company. We believe this is likely the best reserve growth performance in the industry during the 2009 first half.

"Furthermore, despite voluntary production curtailments and asset sales during the quarter, we achieved strong production growth of 4% sequentially and 5% year-over-year, led by production growth in the Haynesville, Marcellus, Fayetteville and the Colony Granite Wash plays. Notably, we were successful in holding our production levels flat in the Barnett Shale and in our non-Big 4 shale plays, despite substantially reduced drilling activity levels during the past year. We remain on track to reach estimated proved reserves of 14 tcf by year-end 2009 and 16 tcf by year-end 2010. This proved reserve growth of 33% from our year-end 2008 proved reserve levels will reduce our debt per mcf of proved reserves by approximately 25% in just two years, resulting in substantial deleveraging. In addition, we remain optimistic that we will also be able to reduce the absolute levels of our debt as we reduce our relative debt levels.

"Our drilling activities in each of our Big 4 shale plays continue to generate outstanding results and we have raised our recovery expectations in the Marcellus and Fayetteville Shale plays. Additionally, our Colony Granite Wash and Texas Panhandle Granite Wash plays are delivering exceptional rates of return even in the current low commodity price environment. We have been very successful in reducing our drilling and operating costs and are also benefiting from substantially lower oilfield service prices relative to year-ago levels. We look forward to providing additional details on 2009 second quarter results next week."

2009 Second Quarter Financial and Operational Results and Conference Call Information

Chesapeake is scheduled to release its 2009 second quarter Financial and Operational Results after the close of trading on the New York Stock Exchange on Monday, August 3, 2009. Also, a conference call to discuss this release and the August 3 release has been scheduled for Tuesday morning, August 4, 2009, at 9:00 a.m. EDT. The telephone number to access the conference call is **913-981-5574** or toll-free **888-596-2560**. The passcode for the call is **3824854**. We encourage those who would like to participate in the call to dial the access number between 8:50 and 9:00 a.m. EDT. For those unable to participate in the conference call, a replay will be available for audio playback from 1:00 p.m. EDT on August 4, 2009 through midnight EDT on August 18, 2009. The number to access the conference call replay is **719-457-0820** or toll-free **888-203-1112**. The passcode for the replay is **3824854**. The conference call will also be webcast live on the Internet and can be accessed by going to Chesapeake's website at www.chk.com in the "Events" subsection of the "Investors" section of our website. The webcast of the conference call will be available on our website for one year.

This press release includes "forward-looking statements" within the meaning of Section 27A of the Securities Act of 1933 and Section 21E of the Securities Exchange Act of 1934. Forward-looking statements give our current expectations or forecasts of future events. They include estimates of natural gas and oil reserves, expected natural gas and oil production and ultimate recoveries, assumptions regarding future natural gas and oil prices, planned drilling activity and costs, as well as statements concerning anticipated cash flow and liquidity, business strategy and other plans and objectives for future operations. We caution you not to place undue reliance on our forward-looking statements, which speak only as of the date of this press release, and we undertake no obligation to update this information.

Factors that could cause actual results to differ materially from expected results are described under "Risk Factors" in Item 1A of our 2008 Annual Report on Form 10-K we filed with the U.S. Securities and Exchange Commission on March 2, 2009. These risk factors include the volatility of natural gas and oil prices; the limitations our level of indebtedness may have on

our financial flexibility; impacts the current financial crisis may have on our business and financial condition; declines in the values of our natural gas and oil properties resulting in ceiling test write-downs; the availability of capital on an economic basis, including planned asset monetization transactions, to fund reserve replacement costs; our ability to replace reserves and sustain production; uncertainties inherent in estimating quantities of natural gas and oil reserves and projecting future rates of production and the amount and timing of development expenditures; exploration and development drilling that does not result in commercially productive reserves; leasehold terms expiring before production can be established; hedging activities resulting in lower prices realized on natural gas and oil sales and the need to secure hedging liabilities; uncertainties in evaluating natural gas and oil reserves of acquired properties and potential liabilities; the negative impact lower natural gas and oil prices could have on our ability to borrow; drilling and operating risks, including potential environmental liabilities; transportation capacity constraints and interruptions that could adversely affect our cash flow; potential increased operating costs resulting from legislative and regulatory changes such as those proposed with respect to commodity derivatives trading, natural gas and oil tax incentives and deductions, hydraulic fracturing and climate change; and adverse results in pending or future litigation.

Our production forecasts are dependent upon many assumptions, including estimates of production decline rates from existing wells and the outcome of future drilling activity. Although we believe the expectations and forecasts reflected in these and other forward-looking statements are reasonable, we can give no assurance they will prove to have been correct. They can be affected by inaccurate assumptions or by known or unknown risks and uncertainties.

The SEC has generally permitted natural gas and oil companies, in filings made with the SEC, to disclose only proved reserves that a company has demonstrated by actual production or conclusive formation tests to be economically and legally producible under existing economic and operating conditions. We use the terms "riskd and unriskd unproved reserves" and "estimated ultimate recovery (EUR)" to describe volumes of natural gas and oil reserves potentially recoverable through additional drilling or recovery techniques that the SEC's guidelines may prohibit us from including in filings with the SEC. These estimates are by their nature more speculative than estimates of proved reserves and accordingly are subject to substantially greater risk of actually being realized by the company. While we believe our calculations of unproved drillsites and estimation of unproved reserves have been appropriately riskd and are reasonable, such calculations and estimates have not been reviewed by third-party engineers or appraisers.

The company calculates the standardized measure of future net cash flows of proved reserves in accordance with SFAS 69 only at year end because applicable income tax information on properties, including recently acquired natural gas and oil interests, is not readily available at other times during the year. As a result, the company is not able to reconcile interim period-end PV-10 values to the standardized measure at such dates. The only difference between the two measures is that PV-10 is calculated before considering the impact of future income tax expenses, while the standardized measure includes such effects.

Chesapeake Energy Corporation is the largest independent producer of natural gas in the U.S. Headquartered in Oklahoma City, the company's operations are focused on the development of onshore unconventional and conventional natural gas in the U.S. in the Barnett Shale, Haynesville Shale, Fayetteville Shale, Marcellus Shale, Anadarko Basin, Arkoma Basin, Appalachian Basin, Permian Basin, Delaware Basin, South Texas, Texas Gulf Coast and East Texas regions of the United States. Further information is available at www.chk.com.

Photos/Multimedia Gallery Available: <http://www.businesswire.com/cgi-bin/mmg.cgi?eid=6019307&lang=en>

Source: Chesapeake Energy Corporation

Chesapeake Energy Corporation

Investor Contact:

Jeffrey L. Mobley, CFA, 405-767-4763

Senior Vice President –

Investor Relations and Research

jeff.mobley@chk.com

or

Media Contact:

Jim Gipson, 405-935-1310

Director – Media Relations

jim.gipson@chk.com

<https://investors.chk.com/2009-07-30-chesapeake-energy-corporation-provides-operational-update>