



SAMSON OIL & GAS PROVIDES OPERATIONS UPDATE

Denver 1700 hours October 2nd, Perth 0700 hours October 3rd, 2011

HAWK SPRINGS PROJECT UPDATE

Defender US33 #2-29H, Goshen County, Wyoming, Samson 37.5% working interest (carried)

Samson Oil & Gas Limited (ASX: SSN; NYSE AMEX: SSN) advises that various preparations for the fracture stimulation of Defender US33 #2-29H are progressing such as the running the cement bond log and the placement of water tanks and the loading of frac fluid. The fracture stimulation is planned for the end of October. The Defender US33 #2-29H is the first Niobrara appraisal well in Samson's Hawk Springs project.

Spirit of America US34 #1-29H, Goshen County, Wyoming, Samson 100% working interest

Evergreen Rig 22 has been rigged up over the Spirit of America US34 #1-29H location and drilling operations have commenced with this rig. Current operation is drilling out the 9 5/8 inch casing shoe which had previously been set at 2,230 feet.

The Spirit of America well will be appraising the multiple conventional targets identified in the North Platte 3D seismic data. These targets consist of a Permian age stratigraphic trap and a Pennsylvanian age structural trap. This well will be a vertical well drilled to an anticipated total depth of 11,000 feet at which point it will be logged to assess the rock quality and hydrocarbon saturation.

Samson's Ordinary Shares are traded on the Australian Securities Exchange under the symbol "SSN". Samson's American Depository Shares (ADSs) are traded on the New York Stock Exchange AMEX under the symbol "SSN". Each ADS represents 20 fully paid Ordinary Shares of Samson. Samson has a total of 1,996 million ordinary shares issued and outstanding (including 250 million options exercisable at AUD 1.5 cents), which would be the equivalent of 99.8 million ADSs. Accordingly, based on the NYSE AMEX closing price of US\$2.26 per ADS on September 30, 2011 the Company has a current market capitalization of approximately US\$222.19 million. Correspondingly, based on the ASX closing price of A\$0.125 on September 30th, 2011, the Company has a current market capitalization of A\$242.86 million. The options have been valued at their closing price of A\$0.105 on September 30th, 2011 and translated to US\$ at the current exchange of 0.98 for purposes of inclusion in the US\$ market capitalization calculation.

For and on behalf of the board of
SAMSON OIL & GAS LIMITED

TERRY BARR
Managing Director

For further information please contact, Terry Barr, CEO on
303 296 3994 (US office) or 970 389 5047 (US cell)

www.samsonoilandgas.com.au

Samson Oil & Gas USA

1331, 17th Street, Suite 710, Denver Colorado 80202 Tel + 1 303 295 0344 Fax + 1 303 295 1961

Samson Oil & Gas Limited

Level 36, Exchange Plaza, 2 The Esplanade, Perth Western Australia 6000 PO Box 7654, Cloisters Square, Perth Western Australia 6850 Tel + 61 8 9220 9830 Fax + 61 8 9220 9820
ABN 25 009 069 005 ASX Code SSN



Statements made in this release that are not historical facts may be forward looking statements, including but not limited to statements using words like “may”, “believe”, “expect”, “anticipate”, “should” or “will.”

Actual results may differ materially from those projected in any forward-looking statement. There are a number of important factors that could cause actual results to differ materially from those anticipated or estimated by any forward looking information, including uncertainties inherent in estimating the methods, timing and results of exploration activities.

A description of the risks and uncertainties that are generally attendant to Samson and its industry, as well as other factors that could affect Samson’s financial results, are included in the Company’s report to the U.S. Securities and Exchange Commission on Form 10-K, which is available at www.sec.gov/edgar/searchedgar/webusers.htm.

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