



# SUN RESOURCES NL

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26 May 2009

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## TESTING AT MEEK CONTINUES

- **Production equipment installed at Meek Location**
- **Testing of lowest zone in Middle Meek Sands continues after some gas to surface**
- **Testing may commence on next interval in the near term**

Sun Resources NL ("Sun Resources") has been advised by Mueller Exploration Inc ("MEI"), the operator of the AHGU #1 well at the Meek Prospect, onshore Southern Texas (Sun Resources 12.5%), that testing operations are continuing on the deepest zone of interest in the AHGU #1 well.

MEI advises that production equipment was installed at the location during March and early April 2009, and that testing of the interval 3,606-3,611 metre, within the Middle Meek Sands of the Middle Wilcox Formation, commenced on 3 April 2009. The well failed to flow gas to surface immediately following the initial perforation of the zone. A fracture stimulation process was performed across the perforated interval on 10 April 2009 after shut-in casing pressures had built back up to 4,475psi. The well was subsequently tested without further success in flow. Subsequent to this, the well was shut in by the Operator for an extended pressure build-up test and a shut-in casing pressure of 6,350psi was achieved by 10 May 2009.

The well was opened to flow again on 11 May 2009 and by 16.00hrs, gas was flowing to surface at a maximum rate of 805mcf/d on a 7/64" choke with a flowing casing pressure of 3,069psi. However, by 06.30hrs on 12 May 2009, the flow rate had dropped to only 78mcf/d. The well was shut in and the operator applied a chemical treatment to the well to increase the relative permeability to gas and re-test the zone. The well has flowed fluid intermittently since 13 May 2009 while MEI manages various mechanical issues in the well bore, and continues with attempts to stimulate gas flow from the perforations. Without commercial success from the testing of this zone, the operator has advised Sun that the next stage of testing the AHGU #1 well will be to plug the zone currently being tested and enter the next shallower interval of interest at 3,530-3,539 metres for testing.

### Background

During 2008, Sun Resources farmed in to take a 12.5% working Interest (10%NRI) in the Meek Prospect in Wharton County of Southern Texas. The Meek Prospect targets 16 bcfg with 269,000 bo (18 bcfge) in stacked, highly productive, Middle Wilcox (Meek) sands. The Operator, Mueller Exploration Inc (MEI) spudded the Ammann Heirs Gas Unit #1 well (AHGU #1) on the Meek Prospect, on 6 February 2009.

Three separate zones of elevated gas readings were recorded over the interval 3,530-3,612m while drilling through the primary target Meek Sands of the Middle Wilcox Formation. Two intervals of most interest from the wireline logs are a 9m interval in the Upper Meek Sands between 3,530-3,539m and a 13m interval in the Middle Meek Sands between 3,600-3,613m. Two of the eight separate zones of elevated gas readings recorded over the interval 3,176-3,399m in the secondary Upper Wilcox Formation, are considered to be of most interest from the wireline logs. The first is a 30m interval between 3,198-3,223m and the second is a 50m interval between 3,275-3,325m.

Yours sincerely

**SUN RESOURCES NL**

**A P Woods**  
**COMPANY SECRETARY**