

FOR IMMEDIATE RELEASE

Calvalley Petroleum – 2009 First Quarter Results

Calgary, Alberta, May 15, 2009 – Calvalley Petroleum Inc., (TSX: CVI.A)

Calvalley Petroleum Inc. (the “Company” or “Calvalley”), an international junior oil and gas company based in Calgary, Alberta, announces its financial and operating results for the first quarter ended March 31, 2009.

HIGHLIGHTS

Financial

These key financial indicators are discussed in more detail in the Company’s Management’s Discussion and Analysis which is filed on SEDAR.

(in thousands of US dollars)	Three months ended March 31	
	2009	2008
Revenue from crude oil sales (net of royalties)	4,160	12,456
EBITDA ⁽¹⁾	(44)	9,309
Operating income ⁽¹⁾	(1,794)	6,532
Net income (loss)	(2,045)	5,599
Capital expenditures	2,399	7,359
Funds flow from operations ⁽¹⁾	(149)	8,401
Cash flow from operating activities	(962)	309

⁽¹⁾ See “Non-GAAP Measures”

- Calvalley’s revenue from crude oil sales net of royalties was \$4.1 million for the first quarter ended March 31, 2009 (2008 - \$12.5 million). The sales decline was due to soft commodity prices and the timing of lifts.
- Net loss was \$2.0 million for the three months March 31, 2009, as compared to net income of \$5.6 million for the same period of 2008. The net loss was largely attributable to a \$1.1 million expense for facilities usage which was billed retroactively from the commencement of production at Block 9 by the Government of Yemen. A significant portion of this charge, \$1.0 million, related to deliveries that occurred prior to January 1, 2009. Low sales volumes due to the timing of lifts also contributed to this loss.
- Funds flow from operations was \$(0.1) million for the three months ended March 31, 2009, as compared to \$8.4 million for the same period of 2008.
- Calvalley continues to be well financed and capitalized with no outstanding debt and working capital of \$72.6 million.

Operating

(barrels of oil per day)	Three months ended	
	March 31, 2009	March 31, 2008
Total Block 9 production	4,532	4,602
Calvalley working interest (50.0%)	2,266	2,301

- Average daily production from the Block 9 for the three months ended March 31, 2009 was 4,532 gross barrels per day (Calvalley working interest 2,266 bopd), an increase from the previous quarter's average of 3,989 bopd (1,994 bopd working interest share) and comparable to 4,602 bopd (2,301 bopd working interest share) for the first quarter of 2008.
- Construction of water and gas injection facilities at Hiswah continues with completion targeted for mid-2009.
- Calvalley is constructing a heavy crude blending facility at the CPF, which will enable the Company to produce from the currently shut-in Al Roidhat field. Wells at Al Roidhat are being worked over to prepare them for production.

OPERATIONS REPORT

Production Overview

During the first quarter of 2009, daily production from Block 9 averaged 4,532 barrels of oil per day ("bopd") (2007 - 4,602 bopd), with the Company's working interest share being 2,266 bopd (2008 - 2,301 bopd). All of our production came from the partially developed Hiswah oil field, which produces high-quality, lighter sweet crude oil that is sold at a price comparable to Dated Brent Crude.

Despite expected performance from the existing producing wells at the Hiswah field, production has been constrained due to the limitation of sales volume that is accepted by the Safer Facilities at Block 18 ("Safer"). Production from the Hiswah field continues to be limited to an average of sixteen of twenty-three existing horizontal wells due to this limitation. The Facility Usage Agreement at Block 18 dictates that blended crude at the facility shall not exceed 0.12% in sulfur content by weight. The sulfur content of Safer production is 0.09%. After blending Safer production with the production from Block 9, the sulfur content averages 0.12%. Increases or decreases in Safer's production impact the sales volume that can be accepted for blending from Block 9. Safer's production at Block 18 has been continuously declining and consequently, Block 9 has been forced to reduce its crude oil volume to keep overall sulfur content at Safer under 0.12%. Calvalley's crude is sweet and has an average of 0.43% sulfur which is comparable to 0.42% which is the standard for Dated Brent Crude.

Calvalley has initiated a number of alternative solutions to sell blended crude oil from all discoveries at Block 9 including production from wells that are currently shut-in. Two of the alternative sales points are Block 14 or Block 51. Discussions toward delivering Block 9 crude to one of these blocks are proceeding with the operator. The Government of Yemen has formed a "tie-committee" to oversee the progress of these discussions. Once an agreement to evacuate all types of crude from Block 9 is signed, Calvalley will commence the construction process of the main sales pipeline which has been approved by the government.

In anticipation of finding an alternative solution for all kinds of crude discovered at Block 9, Calvalley has substantially completed a heavy crude blending facility at the CPF. The blending facility will enable the Company to process production from the currently shut-in Al Roidhat field. Currently, four wells at Al Roidhat are fully equipped and ready to produce. An additional four wells have been drilled and are undergoing completion. Once fully developed, Al Roidhat is expected to reach peak production of 10,000 bopd based on the existing reserves. However, the Al Roidhat field will remain shut-in until a marketing solution is finalized. We expect to produce from this field prior to yearend.

Hiswah Field Development

During the first quarter, no development wells were drilled at the Hiswah field. However, a number of workover programs were carried out to enhance well performance. The 2009 budget includes the drilling of six horizontal development wells expected to commence in July 2009.

Facilities

The CPF, with a 60,000 barrel per day processing capability, is now fully functional. Construction of key components of water injection and gas re-injection facilities for the Hiswah field has advanced significantly. Water injection facilities have been constructed and delivered to Block 9. On-site construction is expected to be completed during the second quarter and water injection is expected to commence in the third quarter. The gas injection facilities are currently being constructed in Dubai. The Hiswah field currently produces approximately 5.5 mmcf/d of solution gas which is being flared and will be utilized for pressure maintenance once these facilities are completed.

Exploration Drilling Program

No exploration wells were drilled during the third quarter. Testing of the Qarn Qaymah 2 ("QQ-2") well was halted due to lack of specialized downhole equipment including smaller diameter (2 7/8 inch) production tubing. All required equipment has now been received and Calvalley will re-test the fractured granitic basement at QQ-2 commencing in June. Upon full evaluation of fractured basement, we will move up hole to perforate and test the Kohlan sand gas condensate discovery. Completion of QQ-2 will enable us to high-grade and then proceed with drilling a number of very attractive deep wells in the greater Qarn Qaymah area.

Calvalley plans to drill two exploration wells at shallower depths (less than 1500 meters) during 2009. These wells are to be drilled in Ras Nowmah and Salmin prospects, both of which are on a proven oil fairway. Salmin is situated approximately five (5) kilometers

northwest of the Auqban discovery targeting a light oil carbonate structure with an estimated mean oil-in-place volume of 45 million barrels. The Ras Nowmah structure is situated between Hiswah and Al Roidhat with a potential of 149 million barrel of mean oil-in-place.

Future Plans

During 2009, Calvalley plans to drill six horizontal development wells at Hiswah, and two exploration wells at Ras Nowmah and Salmin prospects. Once Calvalley resolves the marketing issue of all its crude from Block 9, we expect to accelerate development and exploration activities substantially to unlock the potential of the block.

Filing of Reports on SEDAR

Calvalley's Management's Discussion and Analysis and Unaudited Financial Statements for the quarter ended March 31, 2009 can be found for viewing by electronic means on The System for Electronic Document Analysis and Retrieval at www.sedar.com.

Calvalley is listed on the Toronto Stock Exchange, trading under the symbol "CVI.A".

THE TORONTO STOCK EXCHANGE HAS NOT REVIEWED AND DOES NOT ACCEPT RESPONSIBILITY FOR THE ADEQUACY OR ACCURACY OF THIS RELEASE.

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Forward-looking statements and other information contained herein concerning the oil and gas industry and Calvalley's general expectations concerning this industry are based on estimates prepared by management using data from publicly available industry sources as well as from reserve reports, market research and industry analysis and on assumptions based on data and knowledge of this industry which Calvalley believes to be reasonable. However, this data is inherently imprecise, although generally indicative of relative market positions, market shares and performance characteristics. While Calvalley is not aware of any misstatements regarding any industry data presented herein, the industry involves risks and uncertainties and is subject to change based on various factors.

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