

December 4, 2009

Canadian Natural Resources Limited  
2500, 855-2 Street SW  
Calgary, AB T2P 4J8

Attention: Sharon Baker

Dear Ms. Baker:

**RE: ERCB Decision 2009-061 and Interim Shut-In Order 09-003 for the Liege Field (AOSA)**

The Energy Resources Conservation Board (ERCB/Board) has reviewed your letter, dated October 30, 2009, requesting verification of the production status for a number of wells.

With respect to the wells listed on Table A, the ERCB believes all the intervals are in the Liege Wabiskaw A Pool (A Pool). As stated in Decision 2009-061, in addition to the 13 wells in the A Pool that were requested to be shut-in by Sunshine Oil Sands Ltd., 51 wells were also included on the shut-in list because the Board believed that these wells were producing gas from the A Pool. Of the 17 wells listed on Table A, 11 (listed on the attachment to this letter) were not producing gas from the A Pool according to the information available to the Board and so these intervals were not included on the shut-in list. The intervals in the remaining 6 wells, which are producing gas according to the ERCB's information, were not evaluated by the Board at the time Decision 2009-061 was issued so these intervals were not included on the shut-in list. The ERCB has since evaluated these intervals and believes they should be in the A Pool. As stated in Decision 2009-061, the Board believes its conservation approach requires gas production to be dealt with on a pool basis and hence any intervals producing gas from the A Pool should be shut-in. Given the foregoing explanation, CNRL is requested to provide, by December 15, 2009, any reasons it may have for believing that the intervals listed on Table A should not be added to Interim Shut-in Order 09-003. The Board will thereafter consider the matter of adding the Table A wells to Interim Shut-in Order 09-003.

With respect to the wells listed on Table B, the ERCB believes that most of the intervals are in pools that are part of the commingled pool (Liege Commingled Pool 001) that includes the A Pool as well as the Liege Wabiskaw O and the Liege Leduc A pools, all of which were shut in by Decision 2009-061. Regarding commingled pools, Decision 2009-061 states that in overlapping gas pools where one pool is required to be shut in and another is not, there must be segregation between the pools in all wellbores or both pools must be shut in. So the production statuses of the intervals listed in Table B that are in the Liege Commingled Pool 001 are governed by that requirement. The ERCB believes the interval listed for the 00/07-09-091-17W4/0 well on Table B is in the A Pool rather than the Liege McMurray H Pool (H Pool), so this interval should be dealt with in the same manner as the other A Pool intervals discussed in the previous paragraph.

The Board believes the 206.0-211.5 m interval in the 00/11-10-091-17W4/0 well is in the H Pool rather than the Liege McMurray J Pool as shown on Table B, but the H Pool is part of the Liege Commingled Pool 001 so it is governed by the segregation requirement stated above. With respect to the 231.5-232.5 m interval listed for the 00/10-08-092-18W4/0 well, the ERCB notes this interval is exactly the same as the interval listed for well 00/07-09-092-18W4/0 and questions whether the interval listed on Table B is correct. If the intended interval for well 00/10-08-092-18W4/0 is part of the Liege McMurray F Pool (F Pool), it is governed by the segregation requirement stated above since the F Pool is part of the Liege Commingled Pool 001.

Any questions should be directed to Bernadette Law at 403-297-2893.

Yours truly,

*Original signed by*

Gary D Perkins  
Board Counsel

Cc: L. Martinuzzi, Paramount Energy Operating Corp.  
N. Thusoo, EnCana Oil & Gas Ltd.  
D. Brown, Sunshine Oil Sands Ltd.  
N. Sanders, Total E&P Canada Ltd.  
A. Schenkenberger, Athabasca Oil Sands Corp.  
J. Pearce, Grizzly Oilsands ULC  
B. Rennie, Japan Canada Oil Sands Ltd.  
M. Pade, Alberta Department of Energy

**Wells on Table A that are not producing according to the ERCB records**

<b>Well</b>	<b>Pay top, mKB</b>	<b>Pay base, mKB</b>	<b>Production Status</b>
00/10-09-091-17W4/3	184	188	Not producing from this interval
00/12-12-091-17W4/2	180	182	Not producing from this interval
00/03-15-091-17W4/0	186	189	Well not producing
00/06-23-091-17W4/0	181.5	183	Well not producing
00/16-13-091-18W4/0	192	195	Well not producing
00/07-33-091-18W4/0	200	203.5	Not producing from this interval
00/10-05-092-18W4/0	207	210.5	Well not producing
00/07-09-092-18W4/0	205.8	207.6	Not producing from this interval
00/13-09-092-18W4/0	203.6	211	Not producing from this interval
00/10-25-092-18W4/0	207	208	Well not producing
00/07-15-093-18W4/0	233.9	235.5	Well not producing