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Alberta Energy & Utilities Board
Oil Sands Resources Application Group
640 – 5th Avenue SW
Calgary, Alberta T2P 3G4

Attention: Frank Levstik

**APPROVAL 9972
UPDATE ON EXPERIMENTAL POLYMER PILOT PERFORMANCE
ATHABASCA OIL SANDS AREA – BRINTNELL**

Dear Mr. Levstik:

The following is an update on the experimental polymer pilot scheme operated by Encana Oil & Gas Ltd in the Brintnell sector of the Athabasca Oil Sands area.

Chronology of events / discussions:

Water was first injected into 104/10-16-83-20W4/2, 105/10-16-83-20W4/2, 00/10-16-83-20W4/2 and 00/7-16-83-20W4/2 on November 1, 2004. Polymer injection commenced on November 10, 2004 in all four injectors. No major operational problems were encountered with the injection. Figure 1 shows the rate profiles of the four injectors.

Well discussions (see Figure 2 for layout):

02/10-16-83-20W4

This producer is bounded by the 04/10-16 and 05/10-16 injectors 25 m on either side. Breakthrough was observed within a few days of injection. The current water cut is about 40 %. As illustrated in Figure 3, the oil production has responded to the injection and is currently about 15 m³/d.

03/10-16-83-20W4

This producer is bounded by the 05/10-16 and 00/10-16 injectors about 100 m on either side. To date, no significant production response has been observed. See Figure 4 for the production plot.

02/07-16-83-20W4

This producer is bounded by the 00/10-16 and 00/07-16 injectors about 200 m on either side. To date, no significant production response has been observed. See Figure 5 for the production plot.

Batch samples of produced effluents have been collected on a monthly basis. They have yet to be analyzed.

Overall, Encana is encouraged by the initial response in oil rate in the 25 m pattern. Response in the other two larger patterns are anticipated over the next several months. We will continue to track response and adjust our injection strategy accordingly.

If you have any questions, please feel free to call me at 645-3722 or Farid Remtulla at 645-5021.

Yours Sincerely,

Encana Oil & Gas Co. Ltd



Chong Chan
Reservoir Engineer. P. Eng

Attachments:

Figure 1

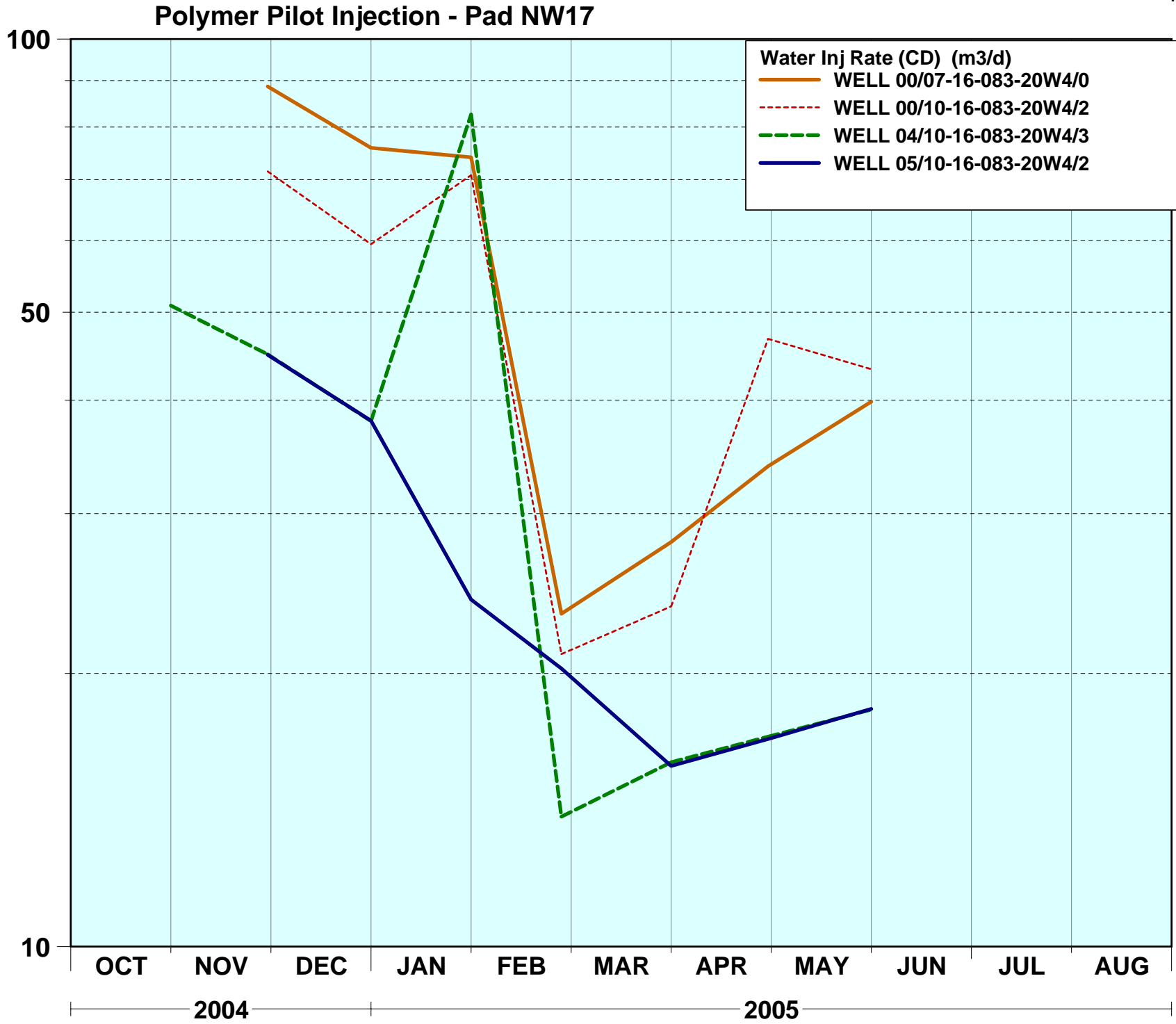


Figure 2

NW17 Polymer Pilot Pattern Configuration

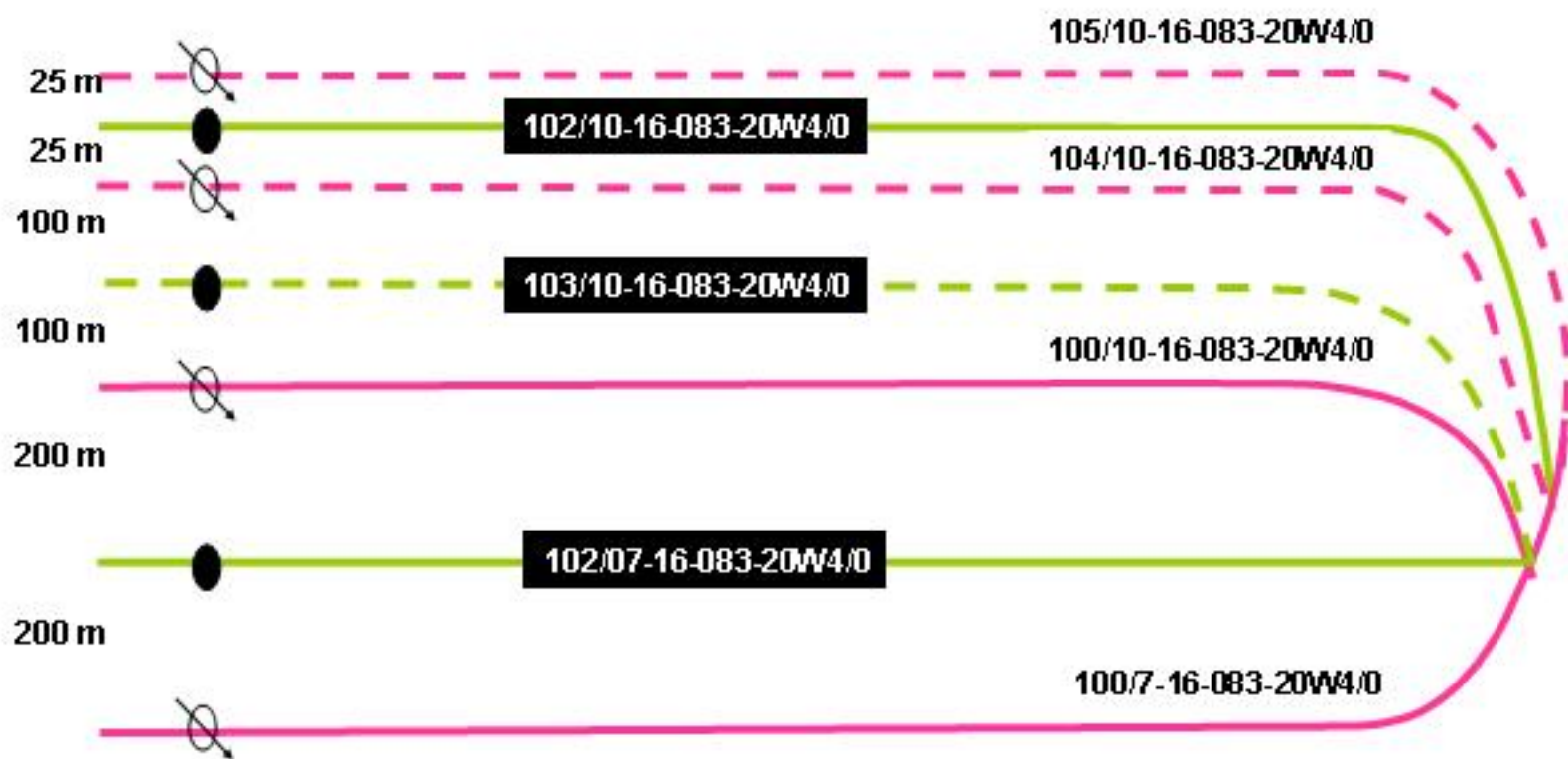


Figure 3

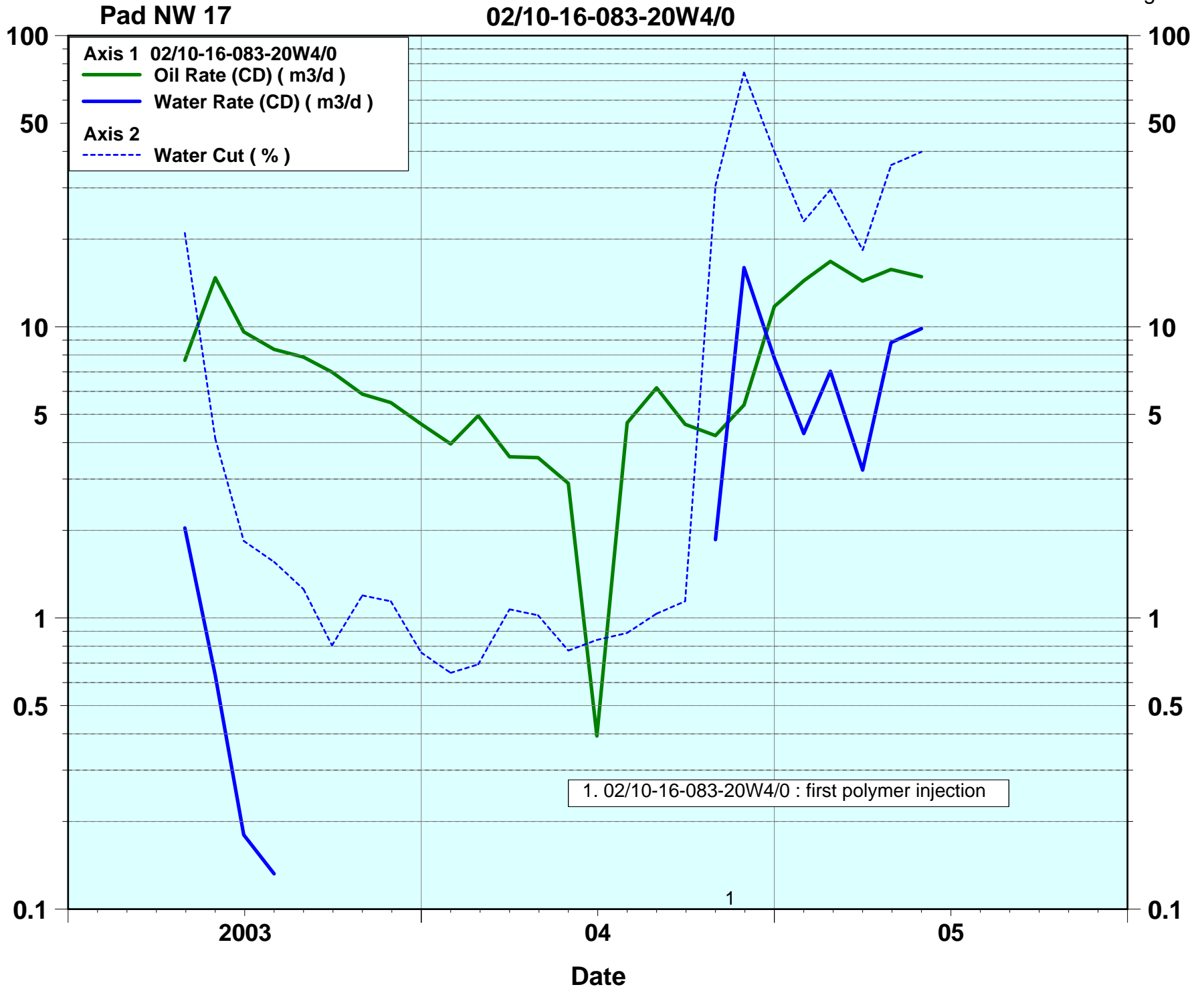


Figure 4

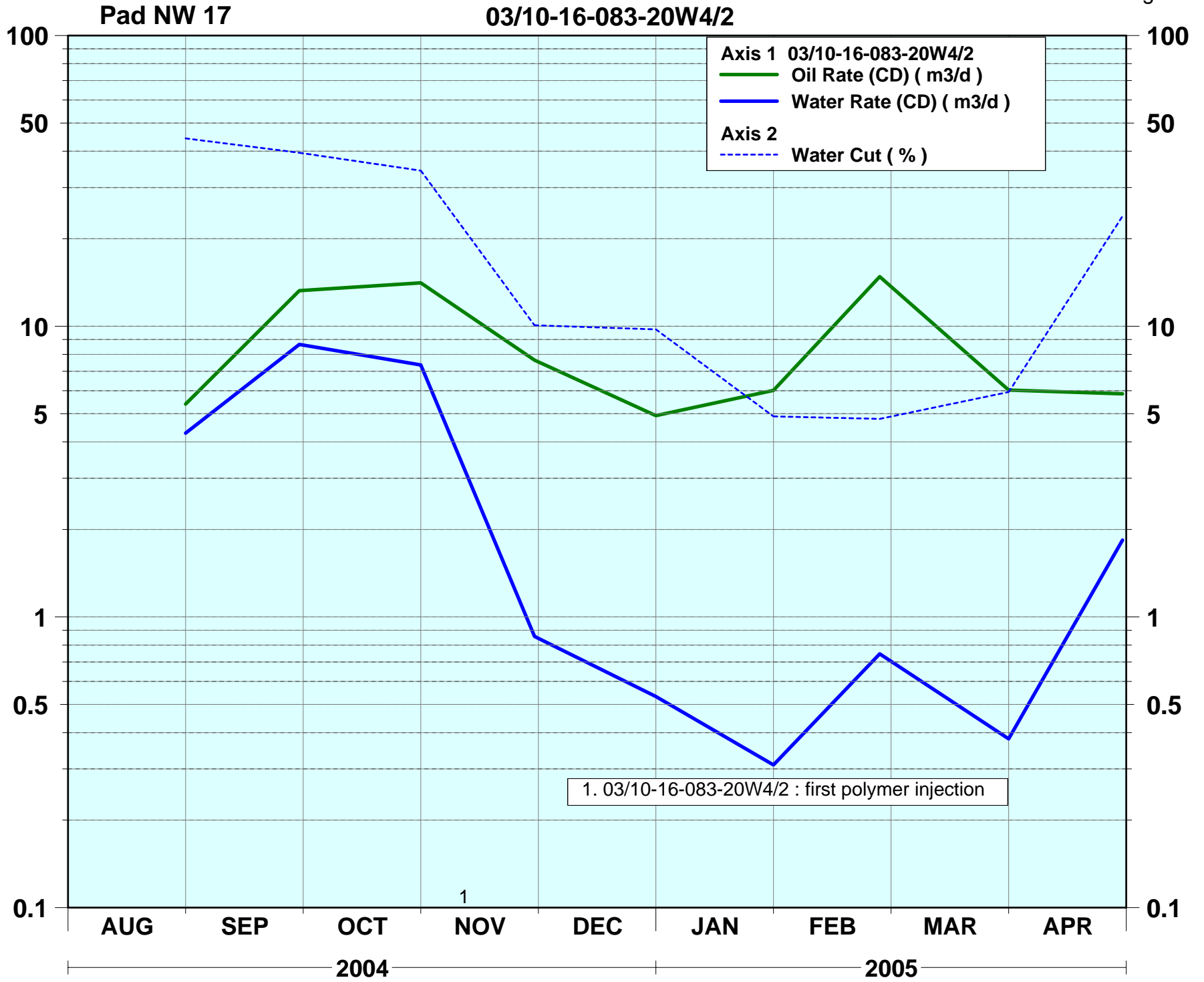


Figure 5

