

Rule Engineering, LLC

Solutions to Regulations for Industry



Facility ID: 426582



June 25, 2014

Mr. Alex Fischer
Colorado Oil and Gas Conservation Commission
1120 Lincoln St, Suite 801
Denver, CO 80203

Re: Centralized E&P Waste Management Facility Annual Report
Facility ID #426582
Encana Oil and Gas (USA) Inc. NPR Solidification Facility

Dear Mr. Fischer:

Rule Engineering, LLC is submitting the 2013 Annual Report for the above referenced facility on behalf of Encana Oil and Gas (USA), Inc. (Encana) for the North Parachute Ranch (NPR) Solidification Facility (NSF). The Form 28 was approved by the Colorado Oil and Gas Conservation Commission (COGCC) in a letter dated July 11, 2012. The APEN with the CDPHE was approved on October 11, 2012 and after construction of the facility per the Form 28, operations began on November 6, 2012.

This report covers the period from January 1, 2013 to December 31, 2013. The waste processed at this facility in 2013 were estimated to include Frac Tank Bottoms of 1,569 cubic yards of solids and 7,300.5 barrels of liquid, Produced Water Tank Bottoms of 34 cubic yards of solids and 155 barrels of liquid, and Pit Bottoms of 119 cubic yards of solids and 3,360 barrels of liquid. After solidification with sawdust an estimated total of 6,774 tons were transported for disposal at the RNI-Bluebell facility in Utah and the ECDC Environmental LLC in East Carbon, Utah.

There have been no spills or upsets at the NSF from the time operations began through the end of 2013.

Surface water and groundwater monitoring are conducted on a regular basis at the locations identified in the Form 28 application for this facility. Monitoring by Encana during 2013 included:

- MW7- Dry on all dates checked 3/19/13, 6/11/13, 9/2/13 and 11/25/13
- MW8- Dry 3/19/13, 6/11/13, 9/2/13, Dry 11/25/13
- MW9- 3/19/13, 6/11/13, 9/2/13 and 11/25/13
- 14ST- 3/19/13, 6/11/13, 9/2/13 and 11/25/13
- 15ST- 3/13/13, 6/12/13, 8/30/13 and 11/25/13
- 26ST- Dry on all dates checked 3/19/13, 6/11/13, 9/2/13 and 11/25/13

There were no significant changes observed and no petroleum hydrocarbons were detected.

If you have any questions please contact me at 303-431-8500 or Brett Middleton of Encana at 970-285-2739.

Sincerely,
Rule Engineering, LLC



Russell V. Knight
Principal Hydrogeologist

cc: Brett Middleton - Encana
Shad Johnson - Rule