



August 30, 2013

Mr. Brandon Danforth  
Environmental Specialist  
WPX Energy  
1058 County Road 215  
Parachute, Colorado 81635

**RE: RGU 11-26-198 Drill Pad Baseline Water Quality Evaluation**

Dear Mr. Danforth,

Western Water & Land, Inc. (WWL) has completed a hydrologic water source evaluation for the WPX Energy Rocky Mountain LLC (WPX) RGU 11-26-198 Drill Pad in accordance with COGCC Rule 609. Drill pad RGU 11-26-198 is located in NW1/4 NW1/4, Section 26, Township 1S, Range 98W, 6th P.M. The evaluation considered all water sources as defined in Rule 609 within a 0.5-mile radius of the referenced drill pad. Water sources located on the basis of section quarters were included in the evaluation if the any portion of the section quarter(s) lies within the 0.5-mile radius area. A preliminary screening of the water sources was completed to identify the sources considered to be potentially available for sampling pending results of the owner questionnaire and field inspections to verify sampling feasibility and the consent of the structure owners. Each potentially available water source was then evaluated to identify the preferred sources for the baseline program. If the resulting number of potentially available sources was four or less, all of the sources were included in the list of preferred sources. If more than four sources were potentially available, the sources were prioritized based on WWL's hydrologic knowledge of the region, general hydrologic rationale, and in accordance with the guidelines specified in Rule 609.

**Water Sources**

Water sources as defined in Rule 609 include Colorado Division of Water Resources (DWR) registered water wells (water wells with existing valid well permits), permitted or adjudicated springs, and monitoring wells installed for baseline sampling and monitoring under COGCC Rules 318A.e(4), 608, or 609. Water sources located within a 0.5-mile radius of the RGU 11-26-198 Drill Pad are shown in Figure 1. Monitoring Hole permits (MH designation), and expired, canceled, or denied permits of any type are not shown in Figure 1 unless otherwise described in this report. According to DWR's Aquamap website, one permitted well (Permit No. 130133) is located within 0.5-mile radius of the drill pad; however, permit records indicate that the permit is actually expired, and therefore, the well is not shown in Figure 1. No water sources were identified within the 0.5-mile radius area.

If you have any questions or concerns, please contact me at (970) 242-0170.

Sincerely,

Mr. Brandon Danforth

August 30, 2013

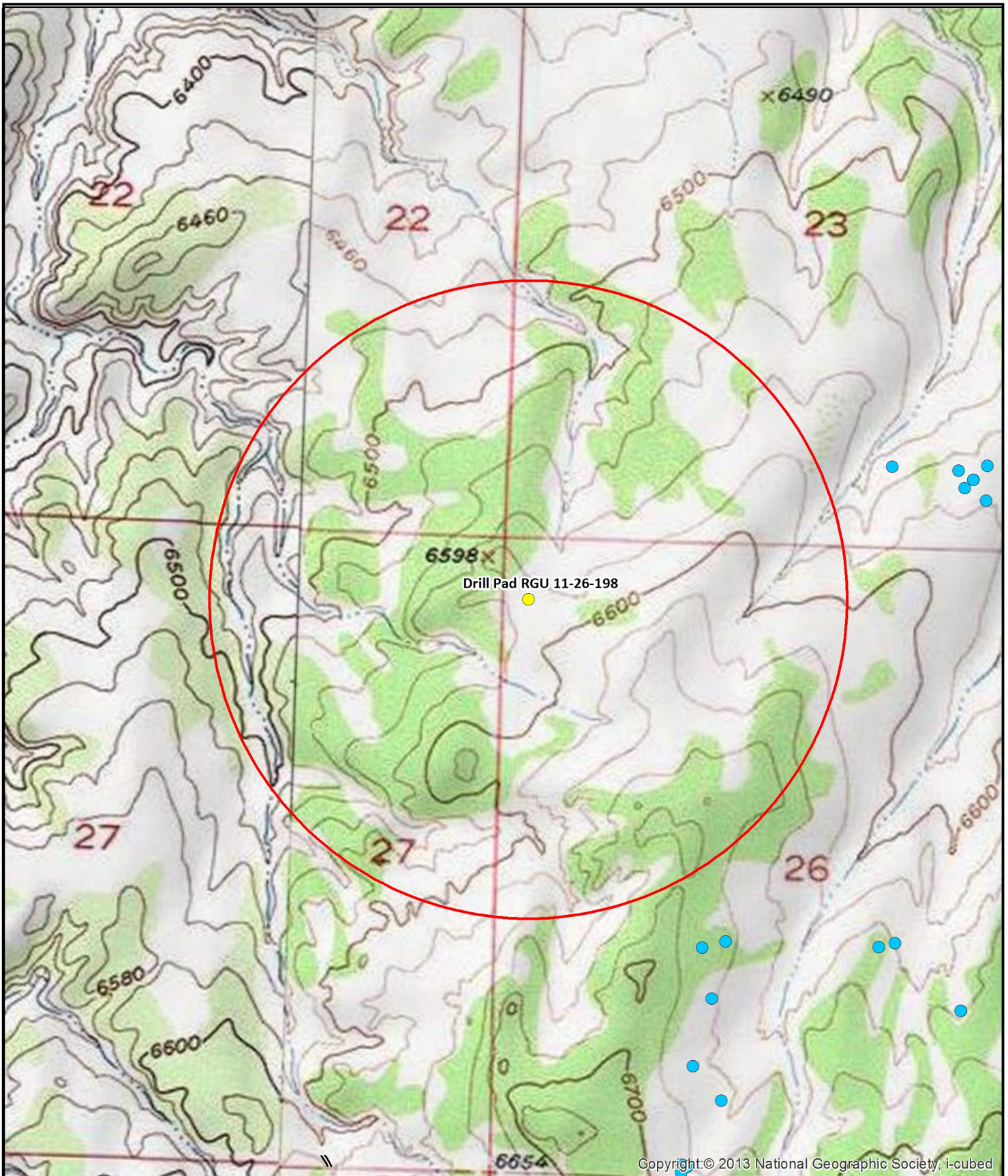
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A handwritten signature in black ink, appearing to read "Bruce D. Smith". The signature is fluid and cursive, with the first name "Bruce" being more legible than the last name "Smith".

Bruce D. Smith

Principal Hydrogeologist

WESTERN WATER & LAND, INC.



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#### Legend

- Decree
- Drill Pad RGU 11-26-198
- Constructed well
- 0.5-Mile Radius Evaluation Area
- Outside sources
- No permit or not completed



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**Figure 1: Drill Pad Location RGU 11-26-198  
0.5 Mile Radius Water Source Evaluation  
NW1/4, NW1/4, S26, T1S, R98W, 6 PM**

Rio Blanco County, Colorado

WPX Energy Rocky Mountain LLC

Basemap Source: Esri ArcGIS Online



Western Water & Land, Inc.  
Applications in Earth Science