



October 30, 2013

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

RE: Status Report: Baseline Water Quality Sampling – GM 34-14 Drill Pad

Dear Mr. Danforth,

Western Water & Land, Inc. (WWL) completed a hydrologic water source evaluation for the WPX Energy Rocky Mountain LLC (WPX) GM 34-14 Drill Pad in accordance with COGCC Rule 609. Drill Pad GM 34-14 is located in SE1/4, SW1/4, Section 14, Township 7 S, Range 96 W, 6th P.M. This letter report addresses field revisions and the sampling location status as relevant to the original executed Baseline Water Quality Evaluation dated June 7, 2013.

The original evaluation considered all water sources as defined in Rule 609 within a 0.5-mile radius of the referenced drill pad. Water sources located within a 0.5-mile radius of the GM 34-14 Drill Pad are shown in Figure 1. Please see the original Baseline Water Quality Evaluation (June 7, 2013) for complete details on how the evaluation was conducted.

Preferred Water Sources

In accordance with Rule 609, all available water sources within a 0.5-mile radius of the drill pad are to be identified and up to a maximum of four sources must be included in the baseline and subsequent monitoring program. The original Baseline Water Quality Evaluation identified one potentially available water source located within 0.5 miles of the GM 34-14 Drill Pad (see Figure 1). This water source was considered to be a preferred water source. The preferred potentially available water source identified is as follows:

- Warren Well (water rights held by Frank & Fern Warren; property owned by Mary Anne Bosely)

Preferred water sources are incorporated into the baseline water quality monitoring program provided the structures exist, and the structure owner, or land owner if the structure owner is not known, grants approval to sample the source and inspection of the structure confirms that a representative sample can be obtained from the structure.

Access Request Results

Letters requesting access to sample the potentially available source were sent on June 14, 2013 via USPS certified mail to water right holders according to DWR databases and to the property owners

according to county records. Mary Anne Bosely granted access to sample the Warren Well but also informed WWL that there is no pump installed in the Warren Well. Access request letters, certified mailing receipts, and mailings that were returned to sender are included in Attachment A. As a result of these events, no water source sampling sites will be included in the baseline water quality sampling program.

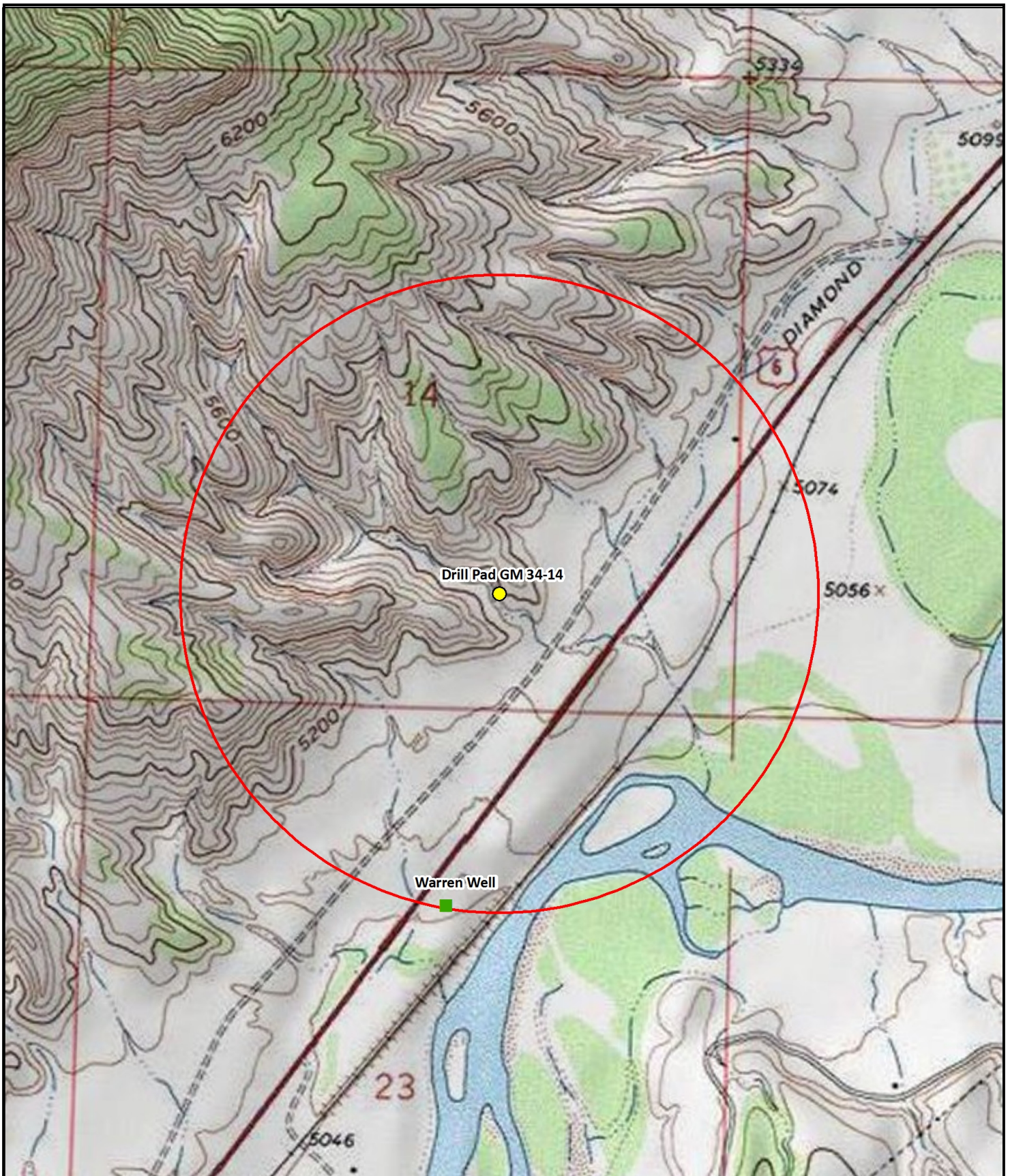
If you have any questions or concerns, please contact me at (970) 242-0170.

Sincerely,

A handwritten signature in black ink, appearing to read "Bruce D. Smith". The signature is written in a cursive style with a large initial "B" and a stylized "S".

Bruce D. Smith
Principal Hydrogeologist
WESTERN WATER & LAND, INC.

Attachments



Legend

- Decree
- Drill Pad GM 34-14
- Constructed well
- 0.5-Mile Radius Evaluation Area
- Monitoring hole
- No permit or not completed

Feet


1,000 500 0 1,000

1:13,000

**Figure 1: Drill Pad Location GM 34-14
0.5 Mile Radius Water Source Evaluation
SW1/4, SE1/4, S14, T7S, R96W, 6 PM**

Garfield County, Colorado
WPX Energy Rocky Mountain LLC

Basemap Source: Esri ArcGIS Online



Western Water & Land, Inc.
Applications in Earth Science

Attachment A

Access Request Documentation

#



June 14, 2013

Mary Anne Bosely
PO Box 26
Woody Creek, CO 81656

RE: Baseline Groundwater Monitoring Program

Dear Mrs. Bosley:

Under Colorado Oil and Gas Conservation Commission (COGCC) Rule 609, all oil and gas operators are required to conduct baseline groundwater sampling and monitoring within one-half mile of a well pad containing new production well(s) or injection well(s). The rule was promulgated to gather baseline water quality data prior to oil and gas development occurring within a particular area and to gather additional water quality data after drilling and completion operations.

WPX Energy Rocky Mountain, LLC (WPX) is planning on constructing a well pad in the SE1/4, SW1/4, S14, T7S, R96W, 6 PM. Our research of state databases indicates that there may be one or multiple permitted wells or springs located on your property that could qualify for baseline sampling and monitoring under Rule 609. If you do not have a well or spring on your property, or if you choose not to have your well or spring sampled for baseline water quality under Rule 609, please indicate so in the signature section at the end of this letter.

If you are willing to include your well or spring in the Baseline Groundwater Sampling and Monitoring Program, please complete the attached questionnaire prepared by WPX to evaluate the groundwater source(s). The questionnaire is intended to assist WPX in the assessment of the best potential baseline groundwater monitoring sites. Up to four groundwater sampling sites will be included in the baseline sampling and monitoring program within the one-half mile radius of the well pad. Sampling of these groundwater sites will occur three times; once within 12 months prior to drilling the first well on the pad, once between 6 and 12 months after completion of the last well on the pad, and once between 60 and 72 months after completion of the last well on the pad. Final water quality results of each sample will be provided to the well or spring owner and to COGCC.

Sampling sites may be registered water wells or permitted or adjudicated springs. Final selection of sampling sites may be partially dependent on the results of the attached questionnaire. Completing this questionnaire does not guarantee that your well or spring will be selected for the baseline sampling and monitoring program, and completion of the form is not required for consideration of your well or spring for the program. Completed questionnaires will be confidential except for information that is required to be reported to the state.

If you agree to have your well or spring become a monitoring site for the program, and said well or spring is selected for sampling and monitoring, water quality data results will be provided to you and to COGCC within 3 months of sample collection. Please note that COGCC will make the results public by posting the results on the agency's public database and that by signing below agreeing to have your well sampled, you are also providing WPX permission to provide the data results to COGCC and COGCC's public database.

Please sign and date the attached Acknowledgment form indicating your choice of participation in the program and return using the included pre-addressed envelope. If WPX does not receive this executed letter within 30 days from the date above, WPX will consider that you do not want to participate in the program. Please contact your WPX land representative, Mr. Justin Hall, at 970-309-0167 with any questions you may have. We appreciate your time and cooperation.

Baseline Groundwater Quality Monitoring Program Acknowledgment

I _____ (print name), acknowledge that I have been contacted by WPX regarding the possible qualification of my well or spring as a Water Source for baseline groundwater sampling and monitoring under COGCC Rule 609. If I agree to have my well or spring water sampled for water quality parameters, I understand that the resulting data will be submitted to the COGCC and will be part of a public database. I understand that if my well or spring is selected as an Available Water Source, I will be contacted by WPX representatives to schedule sample collection. I understand that the baseline groundwater program involves three separate sampling events over a period of time.

I DO / DO NOT (circle one) want my well or spring to be monitored for baseline groundwater quality in accordance with Rule 609 of the COGCC regulations.

Signature: _____ Date: _____

Print Name: _____

Address: _____

_____ #

Phone: _____

#

Baseline Groundwater Quality Monitoring Program Acknowledgment

I Mary Anne Bossely (print name), acknowledge that I have been contacted by WPX regarding the possible qualification of my well or spring as a Water Source for baseline groundwater sampling and monitoring under COGCC Rule 609. If I agree to have my well or spring water sampled for water quality parameters, I understand that the resulting data will be submitted to the COGCC and will be part of a public database. I understand that if my well or spring is selected as an Available Water Source, I will be contacted by WPX representatives to schedule sample collection. I understand that the baseline groundwater program involves three separate sampling events over a period of time.

I DO / DO NOT (circle one) want my well or spring to be monitored for baseline groundwater quality in accordance with Rule 609 of the COGCC regulations.

Signature: _____ Date: 6/15/13

Print Name: MARY ANNE BOSSELY

Address: Box 26
Woody Creek, CO 81656

Phone: 970.925.8676

#



June 14, 2013

Frank & Fern Warren
PO Box 206
Grand Valley, CO 81635

RE: Baseline Groundwater Monitoring Program

Dear Mr. and Mrs. Warren:

Under Colorado Oil and Gas Conservation Commission (COGCC) Rule 609, all oil and gas operators are required to conduct baseline groundwater sampling and monitoring within one-half mile of a well pad containing new production well(s) or injection well(s). The rule was promulgated to gather baseline water quality data prior to oil and gas development occurring within a particular area and to gather additional water quality data after drilling and completion operations.

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I DO / DO NOT (circle one) want my well or spring to be monitored for baseline groundwater quality in accordance with Rule 609 of the COGCC regulations.

Signature: _____ Date: _____

Print Name: _____

Address: _____

_____ #

Phone: _____

#



Western Water & Land, Inc.
743 Horizon Ct. - Suites 330
Grand Junction, CO 81506

7012 3050 0002 3659 9705

PLACE STICKER AT TOP OF ENVELOPE TO THE RIGHT
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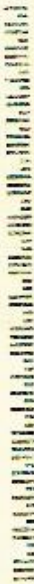
NIXIE

816356005-1N

06/20/13

RETURN TO SENDER
UNABLE TO FORWARD
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Frank & Fern W
PO Box 206
Grand Valley, CO



B/C

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Restricted Delivery Fee (Endorsement Required)		\$0.00
Total Postage & Fees	\$	\$4.82



Sent To Frank + Fern Warren
 Street, Apt. No.; or PO Box No. PO Box 206
 City, State, ZIP+4 Grand Valley, CO 81635

PS Form 3800, August 2006 See Reverse for Instructions

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Return Receipt Fee (Endorsement Required)		\$0.00
Restricted Delivery Fee (Endorsement Required)		\$0.00
Total Postage & Fees	\$	\$4.82



Sent To Mary Anne Bosely
 Street, Apt. No.; or PO Box No. PO Box 24
 City, State, ZIP+4 Woody Creek, CO 81656

PS Form 3800, August 2006 See Reverse for Instructions

GM 34-14
Access Request Letters