



March 18, 2014

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

RE: Status Report: Baseline Water Quality Sampling – PA 341-35 Drill Pad

Dear Mr. Danforth,

Western Water & Land, Inc. (WWL) completed a hydrologic Water Source evaluation for the WPX Energy Rocky Mountain LLC (WPX) PA 341-35 Drill Pad in accordance with COGCC Rule 609. Drill Pad PA 341-35 is located in NE1/4, NE1/4, Section 35, Township 6 S, Range 95 W, 6th P.M. This status report addresses field revisions and the sampling location status as relevant to the original executed Baseline Water Quality Evaluation dated October 10, 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 PA 341-35 Drill Pad are shown in Figure 1. Please see the original Baseline Water Quality Evaluation (October 10, 2013) for complete details on how the evaluation was conducted.

Water Source Identification

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. Each Water Source identified within the 0.5-mile radius area is considered to be a potentially Available Water Source unless existing information suggests that the Water Source would not be suitable for the baseline water quality program. The original Baseline Water Quality Evaluation identified two potentially Available Water Sources located within 0.5 miles of the PA 341-35 Drill Pad (see Figure 1). Well permits with the status “Permit issued; Completion status unknown” were not initially included as potentially Available Water Sources. However, because DWR databases are not always up to date, or may have errors, WWL has since revised this approach and includes permits with this status as potentially Available Water Sources.

The identified potentially Available Water Sources are summarized as follows:

- Water Well Permit No. 124680- -A: permit held and property owned by Joseph & Velma Weinreis
- Ortiz Gravel Pit Well: water right held and property owned by Joseph & Velma Weinreis

Preferred Water Sources

In accordance with Rule 609, all potentially 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. Each potentially Available Water Source identified was evaluated based on WWL's hydrologic knowledge of the region, general hydrologic rationale, and in accordance with the guidelines specified in Rule 609 to identify the preferred sources for the baseline program. Since only two potentially Available Water Sources were identified they are considered to be preferred Water Sources. The preferred potentially Available Water Sources are as follows:

- Water Well Permit No. 124680- -A
- Ortiz Gravel Pit Well

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 potentially Available Water Sources were sent on October 10, 2013 via USPS certified mail to the well permit holders according to DWR databases and to the property owners according to county records. No access was granted to sample these water sources. Access request letters, certified mailing receipts, and mailings that were returned to sender are included in Attachment A.

Field Results

No access was granted to sample the Preferred Water Sources and the Preferred Water Sources were the only water sources identified within the 0.5 mile radius of Drill Pad PA 341-35. Therefore, no baseline water quality sampling was conducted for Drill Pad PA 341-35.

Each identified potentially Available Water Source and its reason for inclusion or exclusion as an Available Water Source is summarized as follows:

- Water Well Permit No. 124680- -A: permit held and property owned by Joseph & Velma Weinreis
 - Access was not granted to sample this Water Source.
- Ortiz Gravel Pit Well: water right held and property owned by Joseph & Velma Weinreis
 - Access was not granted to sample this Water Source.

Mr. Brandon Danforth
March 18, 2014
Page 3

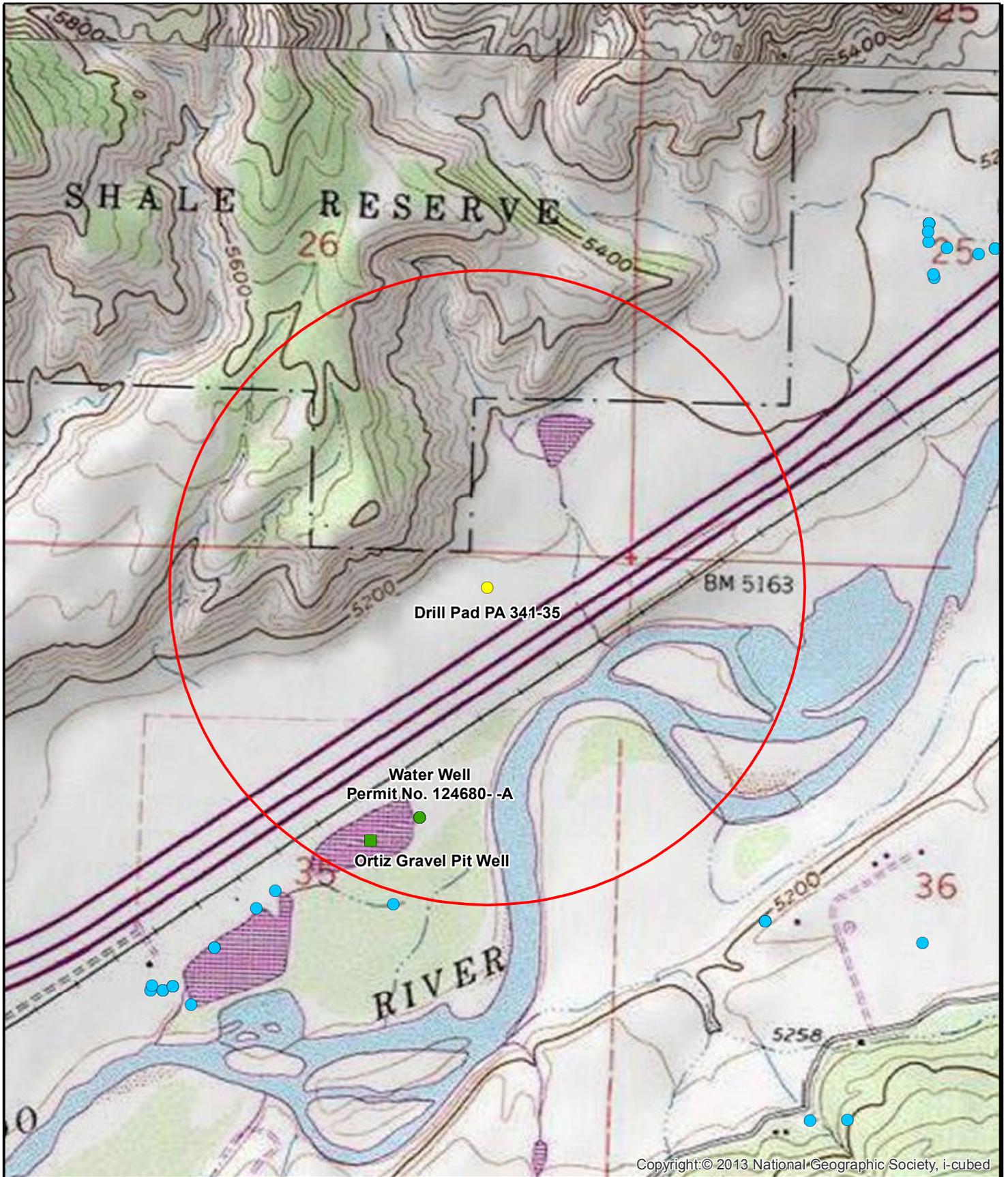
If you have any questions or concerns, please contact me at (970) 242-0170.

Sincerely,

A handwritten signature in black ink that reads "Bruce D. Smith". The signature is written in a cursive style with a large, stylized initial "B".

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

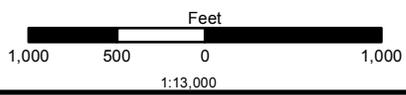
Attachments



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Legend

- Decree
- Constructed well
- Outside sources
- Drill Pad PA 341-35
- 0.5-Mile Radius Evaluation Area



**Figure 1: Drill Pad PA 341-35
0.5 Mile Radius Water Source Evaluation
NE1/4, NE1/4, S35, T6S, R95W, 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



October 10, 2013

Joseph & Velma Weinreis
14704 Highway 6&24
Parachute, CO 81635

RE: Baseline Groundwater Monitoring Program

Dear Mr. & Mrs. Weinreis:

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 NE1/4, NE1/4, Section 35, Township 6S, Range 95W, 6th P.M. 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 at 970-285-9377 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: _____

English

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Tracking Number: 70123050000236558405

Expected Delivery Day: **Saturday, October 12, 2013**

Product & Tracking Information

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DATE & TIME	STATUS OF ITEM	LOCATION
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October 11, 2013, 1:14 pm	Notice Left	PARACHUTE, CO 81635
October 11, 2013, 8:45 am	Out for Delivery	PARACHUTE, CO 81635
October 11, 2013, 8:35 am	Sorting Complete	PARACHUTE, CO 81635
October 11, 2013, 8:33 am	Arrival at Unit	PARACHUTE, CO 81635
October 10, 2013, 5:25 pm	Dispatched to Sort Facility	GRAND JUNCTION, CO 81501
October 10, 2013, 5:02 pm	Acceptance	GRAND JUNCTION, CO 81501

*PA 341-35
Access Request*

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Sent To: *Joseph + Velma Weinters*
Street, Apt, No. or PO Box No.: *704 Highway 6 #24*
City, State, ZIP+4: *Parachute, CO 81635*

PS Form 3800, August 2006 See Reverse for Instructions



October 10, 2013

Joseph & Velma Weinreis
5454 CR 346
Silt, CO 81652

RE: Baseline Groundwater Monitoring Program

Dear Mr. & Mrs. Weinreis:

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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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 at 970-285-9377 with any questions you may have. We appreciate your time and cooperation.

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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.

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Print Name: _____

Address: _____

Phone: _____

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October 13, 2013	Depart USPS Sort Facility	DENVER, CO 80266
October 13, 2013 , 8:45 pm	Processed at USPS Origin Sort Facility	DENVER, CO 80266
October 11, 2013 , 9:10 am	Undeliverable as Addressed	SILT, CO 81652
October 11, 2013 , 9:04 am	Sorting Complete	RIFLE, CO 81650
October 11, 2013 , 6:53 am	Arrival at Unit	RIFLE, CO 81650
October 10, 2013 , 5:25 pm	Dispatched to Sort Facility	GRAND JUNCTION, CO 81501
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PA 341-35
Access Request

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Sent To: **Joseph + Velma Weiners**

Street, Apt. No. or PO Box No.: **5454 CR 346**

City, State, ZIP+4: **SILT, CO 81652**

PS Form 3800, August 2006 See Reverse for Instructions

4668 559E 2000 050E 7012 3050 0002 3655 8399

Date: October 30, 2013

Bruce Smith:

The following is in response to your October 30, 2013 request for delivery information on your Certified Mail™ item number 70123050000236558399. The delivery record shows that this item was delivered on October 15, 2013 at 1:18 pm in GRAND JUNCTION, CO 81506. The scanned image of the recipient information is provided below.

Signature of Recipient :

Delivery Section	
rs	
id	William G. Smith

Address of Recipient :

dry sss	743 Horizon Ct. 330
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Thank you for selecting the Postal Service for your mailing needs.

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Sincerely,
United States Postal Service

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

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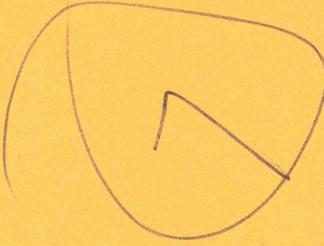
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