

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB NO. 1004-0135  
Expires: July 31, 2010

**SUNDRY NOTICES AND REPORTS ON WELLS**  
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.*

5. Lease Serial No.  
COC24603

6. If Indian, Allottee or Tribe Name

**SUBMIT IN TRIPLICATE - Other instructions on reverse side.**

7. If Unit or CA/Agreement, Name and/or No.

1. Type of Well  
 Oil Well  Gas Well  Other

8. Well Name and No.  
Multiple--See Attached

2. Name of Operator **WPX ENERGY ROCKY MOUNTAIN LLC** Contact: **REED HADDOCK**  
Mail: **reed.haddock@wpxenergy.com**

9. API Well No.  
Multiple--See Attached

3a. Address  
1001 17TH ST., SUITE 1200  
DENVER, CO 80202

3b. Phone No. (include area code)  
Ph: 303-606-4086  
Fx: 303-629-8268

10. Field and Pool, or Exploratory  
GRAND VALLEY

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
Multiple--See Attached

11. County or Parish, and State  
GARFIELD COUNTY, CO

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other Change to Original APD
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

WPX Energy request to use a synthetic based mud to drill the curve and lateral portion of the GM 706-4 HN2 and GM 703-4 HN1 wells after setting and cementing intermediate casing. The synthetic based mud will be better suited for the high temperatures that we are seeing in the laterals and will also provide lubricity to reduce torque and drag. The best practices listed below will be used for surface management of the fluid. Cuttings will be managed on surface to achieve the standards listed in Table 910-1 of the COGCC Rules. If these standards cannot be met, the cuttings will be hauled to a commercial solid waste disposal facility. See attached documents.

14. I hereby certify that the foregoing is true and correct.

**Electronic Submission #257754 verified by the BLM Well Information System  
For WPX ENERGY ROCKY MOUNTAIN LLC, sent to the Glenwood Springs  
Committed to AFMSS for processing by JENNIFER ROBINSON on 08/20/2014 (14JNR6314SE)**

Name (Printed/Typed) REED HADDOCK

Title REGULATORY SPECIALIST STAFF

Signature (Electronic Submission)

Date 08/20/2014

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved By ALLEN CROCKETT

Title SUPERVISORY NRS

Date 09/12/2014

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office Glenwood Springs

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

## Additional data for EC transaction #257754 that would not fit on the form

### Wells/Facilities, continued

<b>Agreement</b>	<b>Lease</b>	<b>Well/Fac Name, Number</b>	<b>API Number</b>	<b>Location</b>
COC24603	COC24603	GM 706-4-HN2(28-4)		Sec 4 T7S R96W Lot 5 1975FNL 1390FWL 39.467842 N Lat, 108.117422 W Lon
COC24603	COC24603	GM 703-4-HN1(28-4)	05-045-22453-00-X1	Sec 4 T7S R96W Lot 5 1977FNL 1405FWL 39.467862 N Lat, 108.117360 W Lon

## Revisions to Operator-Submitted EC Data for Sundry Notice #257754

	<b>Operator Submitted</b>	<b>BLM Revised (AFMSS)</b>
Sundry Type:	APDCH SR	APDCH NOI
Lease:	COC24603	COC24603
Agreement:		
Operator:	WPX ENERGY 1001 17TH STREET, SUITE 1200 DENVER, CO 80202 Ph: 303-606-4086	WPX ENERGY ROCKY MOUNTAIN LLC 1001 17TH ST., SUITE 1200 DENVER, CO 80202 Ph: 303.572.3900
Admin Contact:	REED HADDOCK REGULATORY SPECIALIST STAFF E-Mail: reed.haddock@wpxenergy.com  Ph: 303-606-4086 Fx: 303-629-8268	REED HADDOCK REGULATORY SPECIALIST STAFF E-Mail: reed.haddock@wpxenergy.com  Ph: 303-606-4086 Fx: 303-629-8268
Tech Contact:	REED HADDOCK REGULATORY SPECIALIST STAFF E-Mail: reed.haddock@wpxenergy.com  Ph: 303-606-4086 Fx: 303-629-8268	REED HADDOCK REGULATORY SPECIALIST STAFF E-Mail: reed.haddock@wpxenergy.com  Ph: 303-606-4086 Fx: 303-629-8268
Location:		
State:	CO	CO
County:	GARFIELD	GARFIELD
Field/Pool:	GRAND VALLEY	GRAND VALLEY
Well/Facility:	MULTI WELLS GM MV 28-4 PAD Sec 4 T7S R96W Mer 6PM FNL FWL	GM 706-4-HN2(28-4) Sec 4 T7S R96W Lot 5 1975FNL 1390FWL 39.467842 N Lat, 108.117422 W Lon GM 703-4-HN1(28-4) Sec 4 T7S R96W Lot 5 1977FNL 1405FWL 39.467862 N Lat, 108.117360 W Lon

# BUREAU OF LAND MANAGEMENT

Colorado River Valley Field Office  
2300 River Frontage Road  
Silt, CO 81652

## **Sundry Notice Conditions of Approval**

Synthetic-Based Drilling Fluid

Operator: WPX Energy Rocky Mountain LLC  
Case Number: COC24603  
Well(s): GM 703-4-HN1 well and 706-4-HN2 well (MV 28-4 pad)  
Surface Location: Garfield County; Lot 5 Sec. 4 T7S R96W

The use of synthetic-based drilling mud (SBM) to drill the horizontal legs of the two Niobrara wells (GM 703-4-HN1 and GM 706-4-HN2) on the MV 28-4 pad shall be conducted consistent with the protocols outlined in the Sundry Notice and with the attached COAs. Such approval for the use of SBM is expressly limited to the horizontal legs of these two Federal wells.

### Air Monitoring

1. Air quality monitoring shall be conducted during the use of SBM in the drilling of the horizontal bores. Ambient air quality testing shall be designed to estimate the VOC emissions from the use of the mud. Air quality testing designed to estimate the exposure of workers to VOC shall be conducted during the use of SBM. The procedure for both types of air quality testing must be submitted to the BLM for review prior to the use of the mud.
2. The results of the air quality testing on the SBM shall be submitted to the BLM within 30 days of the end of the testing period.

### Cuttings Management

3. All cuttings developed during the use of SBM shall be segregated from other cuttings and shall be stored in lined and bermed area(s) on the GM 41-4 pad.
4. Cuttings shall be tested separately for levels in the COGCC Table 910-1 and testing results shall be submitted to BLM for review upon request.

### Synthetic-Based Mud (SBM) Operations

5. Mud hoses shall be new or like new with hydraulically crimped-on hose ends. King nipples or hose clamps shall not be used.
6. The drilling system shall be equipped with appropriate drip pans, liners, and catchments under reasonably anticipated leak sources as needed to prevent the SBM and cuttings from the contaminating ground surface of the drill pad.
7. Any cuttings dropped or mud spilled shall be immediately cleaned up and placed in the approved containment device.
8. All spills in excess of one barrel outside the containment devices shall be reported to the BLM within 24 hours. A spill kit specific to SBM shall be staged onsite or at the nearby GM 32-4 pad.
9. Prior to skidding or moving the drill rig to another well or well pad, the pumps, pump lines and tanks shall be cleaned to ensure that no SBM is in the system during surface drilling operations of the new well.
10. The BLM shall be notified 24 hours prior to the use of SBM by calling the PET notification phone number (970) 876-9064. For work to commence on a Monday, notice shall be provided to the BLM no later than close of business (COB) on the previous Thursday.

### Post-Assessment Review

11. WPX and representatives shall participate in a post-assessment meeting with the BLM to discuss and review the drilling process for the two MV 28-4 Niobrara wells. The meeting will focus on information sharing, remedies for problems, approaches for future use, etc. If the situation warrants during the drilling process, WPX may request, and the BLM may require, a meeting to jointly discuss methods to remedy unforeseen circumstances or events related to the use of SBM.