

FORM  
2

Rev  
12/05

State of Colorado  
Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80203 Phone: (303) 894-2100 Fax: (303) 894-2109



Document Number:

400399549

Date Received:

05/06/2013

APPLICATION FOR PERMIT TO:

1. ☒ Drill, ☐ Deepen, ☐ Re-enter, ☐ Recomplete and Operate

2. TYPE OF WELL

OIL ☐ GAS ☒ COALBED ☐ OTHER \_\_\_\_\_  
SINGLE ZONE ☒ MULTIPLE ☐ COMMINGLE ☐

Refiling ☒

Sidetrack ☐

PluggingBond SuretyID

3. Name of Operator: WPX ENERGY ROCKY MOUNTAIN LLC

4. COGCC Operator Number: 96850

5. Address: 1001 17TH STREET - SUITE #1200

City: DENVER State: CO Zip: 80202

6. Contact Name: Greg Davis Phone: (303)606-4071 Fax: (303)629-8268

Email: greg.j.davis@wpxenergy.com

7. Well Name: Federal Well Number: PA 524-12

8. Unit Name (if appl): \_\_\_\_\_ Unit Number: \_\_\_\_\_

9. Proposed Total Measured Depth: 8662

WELL LOCATION INFORMATION

10. QtrQtr: NESW Sec: 12 Twp: 7S Rng: 95W Meridian: 6

Latitude: 39.452070 Longitude: -107.949852

Footage at Surface: 2585 feet FSL 1769 feet FWL

11. Field Name: Parachute Field Number: 67350

12. Ground Elevation: 6507 13. County: GARFIELD

14. GPS Data:

Date of Measurement: 04/26/2010 PDOP Reading: 1.4 Instrument Operator's Name: J. Kirkpatrick

15. If well is ☒ Directional ☐ Horizontal (highly deviated) **submit deviated drilling plan.**

Footage at Top of Prod Zone: FNL/FSL FEL/FWL Bottom Hole: FNL/FSL FEL/FWL  
168 FSL 2039 FWL 168 FSL 2039 FWL  
Sec: 12 Twp: 7S Rng: 95W Sec: 12 Twp: 7S Rng: 95W

16. Is location in a high density area? (Rule 603b)? ☐ Yes ☒ No

17. Distance to the nearest building, public road, above ground utility or railroad: 1472 ft

18. Distance to nearest property line: 1440 ft 19. Distance to nearest well permitted/completed in the same formation(BHL): 308 ft

20. LEASE, SPACING AND POOLING INFORMATION

Objective Formation(s)	Formation Code	Spacing Order Number(s)	Unit Acreage Assigned to Well	Unit Configuration (N/2, SE/4, etc.)
Williams Fork	WMFK	139-64	640	Sec. 12: All

21. Mineral Ownership: ☐ Fee ☐ State ☒ Federal ☐ Indian Lease #: COC05173

22. Surface Ownership: ☐ Fee ☐ State ☒ Federal ☐ Indian

23. Is the Surface Owner also the Mineral Owner? ☒ Yes ☐ No Surface Surety ID#:

23a. If 23 is Yes: Is the Surface Owner(s) signature on the lease? ☒ Yes ☐ No

23b. If 23 is No: ☐ Surface Owners Agreement Attached or ☐ \$25,000 Blanket Surface Bond ☐ \$2,000 Surface Bond ☐ \$5,000 Surface Bond

24. Using standard QtrQtr, Sec, Twp, Rng format enter entire mineral lease description upon which this proposed wellsite is located (attach separate sheet/map if you prefer):

See lease description that was attached to original APD

25. Distance to Nearest Mineral Lease Line: 2039 ft

26. Total Acres in Lease: 2365

### DRILLING PLANS AND PROCEDURES

27. Is H2S anticipated? ☐ Yes ☒ No If Yes, attach contingency plan.

28. Will salt sections be encountered during drilling? ☐ Yes ☒ No

29. Will salt (>15,000 ppm TDS CL) or oil based muds be used during drilling? ☐ Yes ☒ No

30. If questions 28 or 29 are yes, is this location in a sensitive area (Rule 901.e)? ☐ Yes ☒ No

31. Mud disposal: ☐ Offsite ☒ Onsite

If 28, 29, or 30 are "Yes" a pit permit may be required.

Method: ☐ Land Farming ☐ Land Spreading ☐ Disposal Facility Other: Re-Use, Evap & Backfill

Note: The use of an earthen pit for Recompletion fluids requires a pit permit (Rule 905b). If air/gas drilling, notify local fire officials.

Casing Type	Size of Hole	Size of Casing	Wt/Ft	Csg/Liner Top	Setting Depth	Sacks Cmt	Cmt Btm	Cmt Top
CONDUCTOR	24	18	48	0	45	50	45	0
SURF	13+1/2	9+5/8	32.3	0	969	258	969	0
1ST	7+7/8	4+1/2	11.6	0	8,662	641	8,662	5,018

32. BOP Equipment Type: ☒ Annular Preventer ☒ Double Ram ☒ Rotating Head ☐ None

33. Comments Top of cement for production casing will 200 feet or more above the top of Mesaverde. Closed mud system will be used. Federal minerals and surface. Pad is constructed; 2A expires 5/5/2014. No changes will be made to the drilling plan. Surface and bottomhole locations will remain the same. See WPX energy Master APD Dated 4/27/06 for Federal 10 Point Drilling Plan. CA COC072179

34. Location ID: 334765

35. Is this application in a Comprehensive Drilling Plan ? ☐ Yes ☒ No

36. Is this application part of submitted Oil and Gas Location Assessment ? ☐ Yes ☒ No

I hereby certify all statements made in this form are, to the best of my knowledge, true, correct, and complete.

Signed: \_\_\_\_\_ Print Name: Howard Harris

Title: Sr. Regulatory Specialist Date: 5/6/2013 Email: howard.harris@wpxenergy.com

Operator must have a valid water right or permit allowing for industrial use or purchased water from a seller that has a valid water right or permit allowing for industrial use, otherwise an application for a change in type of use is required under Colorado law. Operator must also use the water in the location set forth in the water right decree or well permit, otherwise an application for a change in place of use is required under Colorado law. Section 37-92-103(5), C.R.S. (2011).

Based on the information provided herein, this Application for Permit-to-Drill complies with COGCC Rules and applicable orders and is hereby approved.

COGCC Approved: Matthew Lee Director of COGCC Date: 6/13/2013

#### API NUMBER

05 045 20662 00

Permit Number: \_\_\_\_\_ Expiration Date: 6/12/2015

#### CONDITIONS OF APPROVAL, IF ANY:

All representations, stipulations and conditions of approval stated in the Form 2A for this location shall constitute representations, stipulations and conditions of approval for this Form 2 Permit-to-Drill and are enforceable to the same extent as all other representations, stipulations and conditions of approval stated in this Permit-to-Drill.

- (1) COMPLIANCE WITH THE MOST CURRENT REVISION OF THE NORTHWEST COLORADO NOTIFICATION POLICY IS REQUIRED.
- (2) COMPLIANCE WITH THE MOST CURRENT REVISION OF THE GARFIELD COUNTY RULISON-FIELD NOTICE TO OPERATORS IS REQUIRED.
- (3) EMAIL NOTIFICATION SHALL BE SENT TO COGCC FIELD INSPECTION STAFF, AT THE TIME OF SPUD NOTICE, TO IDENTIFY THE WELL'S LOCATION WITH RESPECT TO BOTH THE SECTOR AND TIER AS DEFINED BY THE RULISON SAMPLING AND ANALYSIS PLAN. SUBMIT FORM 42: OTHERS AS SPECIFIED BY PERMIT CONDITION.
- (4) OPERATOR SHALL COMPLY WITH ALL PROVISIONS OF THE MOST RECENT COGCC-APPROVED REVISION OF THE RULISON SAMPLING AND ANALYSIS PLAN.

### **Applicable Policies and Notices to Operators**

Piceance Rulison Field - Notice to Operators.

NW Colorado Notification Policy.

### **Attachment Check List**

Att Doc Num	Name
400399549	FORM 2 SUBMITTED
400414397	FED. DRILLING PERMIT

Total Attach: 2 Files

### **General Comments**

<b><u>User Group</u></b>	<b><u>Comment</u></b>	<b><u>Comment Date</u></b>
Permit	Corrected contact info for oper. No LGD or public comments. Final Review--passed.	6/10/2013 11:22:20 AM
Permit	Corrected spacing unit designation. Corrected distance to prop. line. Location built w/ 2 PR wells. BHL within Tier II Rulison. DOE review and request for Rulison SAP sampling in well file.	5/17/2013 8:12:03 AM
Engineer	surface is outside Rulison 3-mile zone, but bottom-hole is within 3-mile of Rulison	5/14/2013 1:59:08 PM
Engineer	THE PROPOSED SURFACE CASING IS MORE THAN 50' BELOW THE DEPTH OF THE DEEPEST WATER WELL WITHIN 1-MILE OF THE SURFACE LOCATION WHEN CORRECTED FOR ELEVATION DIFFERENCES. THE DEEPEST WATER WELL WITHIN 1-MILE IS 390 FEET DEEP.	5/14/2013 1:59:06 PM
Permit	Operator made corrections. This form has passed completeness.	5/10/2013 9:04:00 AM
Permit	Returned to draft. Requested corrected comments, corrected SHL, and objective formation information.	5/7/2013 11:10:17 AM

Total: 6 comment(s)

### **BMP**

<b><u>Type</u></b>	<b><u>Comment</u></b>