

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:

400395763

Date Received:

04/01/2013

PluggingBond SuretyID

20030107

APPLICATION FOR PERMIT TO:

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

2. TYPE OF WELL

OIL ☐ GAS ☐ COALBED ☐ OTHER Injector
 SINGLE ZONE ☐ MULTIPLE ☒ COMMINGLE ☒

Refiling ☐Sidetrack ☐3. Name of Operator: WPX ENERGY ROCKY MOUNTAIN LLC4. COGCC Operator Number: 968505. Address: 1001 17TH STREET - SUITE #1200City: DENVER State: CO Zip: 802026. Contact Name: Greg Davis Phone: (303)606-4071 Fax: (303)629-8268Email: greg.j.davis@wpxenergy.com7. Well Name: Williams Well Number: GM 931-1D

8. Unit Name (if appl): _____ Unit Number: _____

9. Proposed Total Measured Depth: 7590

WELL LOCATION INFORMATION

10. QtrQtr: SWNE Sec: 1 Twp: 7S Rng: 96W Meridian: 6Latitude: 39.468661 Longitude: -108.056057

Footage at Surface: 1742 feet FNL 1925 feet FEL
 FNL/FSL FEL/FWL

11. Field Name: Grand Valley Field Number: 3129012. Ground Elevation: 5309 13. County: GARFIELD

14. GPS Data:

Date of Measurement: 04/10/2012 PDOP Reading: 1.9 Instrument Operator's Name: J. Kirkpatrick15. 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
821 FNL 1658 FEL 821 FNL 1658 FEL
 Sec: 1 Twp: 7S Rng: 96W Sec: 1 Twp: 7S Rng: 96W

16. Is location in a high density area? (Rule 603b)? ☐ Yes ☒ No17. Distance to the nearest building, public road, above ground utility or railroad: 206 ft18. Distance to nearest property line: 955 ft 19. Distance to nearest well permitted/completed in the same formation(BHL): 2845 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.)
Iles	ILES			
Williams Fork	WMFK	479-13	320	N/2

21. Mineral Ownership: ☒ Fee ☐ State ☐ Federal ☐ Indian Lease #: _____22. Surface Ownership: ☒ Fee ☐ State ☐ Federal ☐ Indian23. 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 ☒ No23b. 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):

WPX owns surface where subject well will be deepened.

25. Distance to Nearest Mineral Lease Line: _____ ft

26. Total Acres in Lease: _____

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 and evaporation

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	25	45	0
SURF	13+1/2	10+3/4	32.75#	0	669	170	669	0
1ST	9+7/8	7	26#	0	4,804	510	4,804	0
2ND	6+1/8	4+1/2	11.6#	0	7,590	390	7,590	

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

33. Comments Closed Loop. WPX owns the surface where the subject well will be deepened. UIC#159297

34. Location ID: 413761

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: Greg Davis

Title: Supervisor Permits

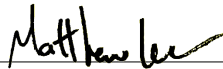
Date: 4/1/2013

Email: greg.j.davis@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: _____



Director of COGCC

Date: 5/1/2013

API NUMBER

05 045 18425 00

Permit Number: _____

Expiration Date: 4/30/2015

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) APPROVAL OF THIS FORM DOES NOT AUTHORIZE INJECTION. AUTHORIZATION TO INJECT REQUIRES APPROVAL OF FORM 31 AND FORM 33.
- (4) BEFORE STIMULATING WELL, CAPTURE WATER SAMPLE FROM THOSE FORMATION(S) REQUESTED FOR INJECTION AND ANALYZE FOR TOTAL DISSOLVED SOLIDS. SUBMIT LAB ANALYSIS TO DENISE ONYSKIW AT DENISE.ONYSKIW@STATE.CO.US.
- (5) cement volume is sufficient to provide continuous coverage from TD up past intermediate shoe. Verify with CBL.

Applicable Policies and Notices to Operators

Piceance Rulison Field - Notice to Operators.

NW Colorado Notification Policy.

Notice Concerning Operating Requirements for Wildlife Protection.

Attachment Check List

Att Doc Num	Name
2157028	VARIANCE REQUEST
2157049	WAIVERS
2157050	OTHER
2157051	OTHER
2157052	OTHER
2157053	OTHER
400395763	FORM 2 SUBMITTED
400396125	WELL LOCATION PLAT
400396153	DIRECTIONAL DATA
400396576	DEVIATED DRILLING PLAN

Total Attach: 10 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Variance request reviewed and approved by Director of COGCC. Attached photos of power line, topple exhibits, and revised Xcel waiver. No LGD or public comments. Final Review--passed.	5/1/2013 2:32:05 PM
Permit	Deepening of existing injection well on UIC Disposal facility #159297. Form 33 received. Related sundry #2486111 approved. 502.b variance entered on spreadsheet.	4/26/2013 8:54:08 AM
Permit	Oper. submitted 502.b variance request and Public Service waiver since location is 206' from overhead transmission line.	4/18/2013 12:30:51 PM
Permit	Corrected longitude to agree with plat.	4/15/2013 2:00:04 PM
LGD	Passed DB	4/12/2013 11:57:22 AM
Engineer	waiting for opr response as to whether or not deepening casing is liner opr (4/3): not liner. will be casing string TD up to surface.	4/2/2013 3:48:11 PM
Engineer	THE 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 160 FEET DEEP.	4/2/2013 3:48:08 PM
Permit	Added related sundry & submitted to eng. for review.	4/2/2013 12:18:26 PM
Permit	Operator corrected distance to nearest wellbore and lease information. This form has passed completeness.	4/2/2013 10:50:31 AM
Engineer	Form 33 has been received.	4/2/2013 9:35:39 AM
Permit	Returned to draft. Requested updated distance to nearest well and for operator to answer #36.	4/2/2013 8:57:44 AM

Total: 11 comment(s)

BMP

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