

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:

400439990

Date Received:

07/11/2013

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: Puckett Well Number: GM 701-28-HN1

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

9. Proposed Total Measured Depth: 16319

WELL LOCATION INFORMATION

10. QtrQtr: Lot 4 Sec: 28 Twp: 6S Rng: 96W Meridian: 6

Latitude: 39.498867 Longitude: -108.119486

Footage at Surface: 1314 feet FNL/FSL 1035 feet FEL/FWL
 FNL FWL

11. Field Name: Grand Valley Field Number: 31290

12. Ground Elevation: 5598 13. County: GARFIELD

14. GPS Data:

Date of Measurement: 04/13/2012 PDOP Reading: 1.8 Instrument Operator's Name: Robert Kay

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
 639 FNL 985 FWL 535 FNL 629 FWL
 Sec: 28 Twp: 6S Rng: 96W Sec: 21 Twp: 6S Rng: 96W

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: 388 ft

18. Distance to nearest property line: 229 ft 19. Distance to nearest well permitted/completed in the same formation(BHL): 5130 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.)
MANCOS	MNCS			
NIOBRARA	NBRR			

21. Mineral Ownership: ☐ Fee ☐ State ☒ Federal ☐ Indian Lease #: COC2409922. 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):

Attached is Federal Lease COC24099 for the GM 701-28-HN1 well. The well is a horizontal wellbore being completed in one federal lease as described in the attachment. The shortest distance from the productive wellbore to the nearest mineral lease is 435'. This is an exception location to Rule 318(a) and exception location letter and waiver are attached to the Form 2.

25. Distance to Nearest Mineral Lease Line: 435 ft 26. Total Acres in Lease: 857

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	20	47.44#	0	100	50	100	0
SURF	17+1/2	13+3/8	68#	0	2930	877	2930	0
1ST	9+7/8	7+5/8	33.7#	0	10920	891	10920	
2ND	6+1/2	5+1/2	23#	0	9769		9769	0
TAPER	6+1/2	4+1/2	15.1#	9769	16319	481	16319	10420

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

33. Comments Closed Loop. Cmt 200' above uppermost mvrd sand. Production string will be tapered. 5 1/2" to 9769' tapered to 4 1/2" to 16319' Cement top will be 10420'

34. Location ID: _____

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: 7/11/2013 Email: greg.j.davis@wpenergy.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: 8/18/2013

API NUMBER

05 045 22154 00

Permit Number: _____ Expiration Date: 8/17/2015

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.

COA Type	Description
	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, WITH THE FOLLOWING EXCEPTION: ALL FIELD NOTICE REQUIREMENTS SPECIFIED IN THIS NOTICE TO OPERATORS ARE SUPERSEDED BY THE REQUIREMENTS OF THE MOST CURRENT REVISION OF THE NORTHWEST COLORADO NOTIFICATION POLICY (SEE CONDITION OF APPROVAL #1). 3) PROVIDE CEMENT ON INTERMEDIATE CASING FROM THE INTERMEDIATE CASING SHOE TO A MINIMUM OF 200' ABOVE THE TOP OF THE MESA VERDE FORMATION (OR 200' ABOVE THE OHIO CREEK FORMATION IF PRESENT). INTERMEDIATE CASING CEMENT TOP VERIFICATION BY CBL IS REQUIRED.

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

<u>Att Doc Num</u>	<u>Name</u>
2157173	LEASE/LEASE DESCRIPTION
2157174	EXCEPTION LOC REQUEST
400439990	FORM 2 SUBMITTED
400441792	SURFACE AGRMT/SURETY
400441806	TOPO MAP
400441900	DEVIATED DRILLING PLAN
400441906	DIRECTIONAL DATA
400443882	WELL LOCATION PLAT
400444944	FED. DRILLING PERMIT
400446004	EXCEPTION LOC WAIVERS

Total Attach: 10 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	No LGD or public comments. Final Review--passed.	8/13/2013 1:39:09 PM
Permit	Oper. sub. revised Top PZ footages and location. Horizontal well design is "toe-down".	3/8/2013 3:06:29 PM
Permit	Req'd description of lands in SUA. Correct section for Top PZ?	8/6/2013 12:07:09 PM
LGD	pass, gdb	7/30/2013 4:46:20 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 120 FEET DEEP.	7/29/2013 4:13:20 PM
Permit	Oper. submitted lease description and exception loc. comment. Attached revised exc. loc. req. ltr.	7/23/2013 9:11:16 AM
Permit	Req'd re-write of exc. loc. req. ltr. Removed plugging bond. No lease description.	7/22/2013 1:30:19 PM
Permit	Operator removed Location ID. This form has passed completeness.	7/16/2013 1:02:08 PM
Permit	Location ID still needs to be removed.	7/16/2013 11:54:46 AM
Permit	Missing plugging bond and needs location ID removed.	7/12/2013 11:27:30 AM

Total: 10 comment(s)

Best Management Practices

<u>No</u>	<u>BMP/COA Type</u>	<u>Description</u>