

FORM
2

Rev
12/05

State of Colorado
Oil and Gas Conservation Commission

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Document Number:

400328522

Date Received:

09/21/2012

PluggingBond SuretyID

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 ☐

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: Howard Harris Phone: (303)606-4086 Fax: (303)629-8268

Email: howard.harris@wpxenergy.com

7. Well Name: Federal Well Number: BCU 532-36-199

8. Unit Name (if appl): Barcus Creek Un Unit Number: COC070700
X

9. Proposed Total Measured Depth: 10173

WELL LOCATION INFORMATION

10. QtrQtr: Lot 12 Sec: 36 Twp: 1N Rng: 99W Meridian: 6

Latitude: 40.015322 Longitude: -108.447392

Footage at Surface: 1426 feet FNL/FSL 1102 feet FEL/FWL FEL

11. Field Name: Sulphur Creek Field Number: 80090

12. Ground Elevation: 6869 13. County: RIO BLANCO

14. GPS Data:

Date of Measurement: 09/15/2011 PDOP Reading: 2.4 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 1468 FNL 1986 FEL 1468 FNL 1986 FEL
Sec: 36 Twp: 1N Rng: 99W Sec: 36 Twp: 1N Rng: 99W

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: 1400 ft

18. Distance to nearest property line: 11600 ft 19. Distance to nearest well permitted/completed in the same formation(BHL): 1365 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			
Sego	SEGO			
Williams Fork	WMFK			

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

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 Attached

25. Distance to Nearest Mineral Lease Line: 671 ft 26. Total Acres in Lease: 916

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	80	50	80	0
SURF	14+3/4	9+5/8	36	0	3,143	1,260	3,143	0
1ST	8+3/4	4+1/2	11.6	0	10,173	976	10,173	

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

33. Comments Top of cement for production casing will be approx 200 feet above the top of Mesaverde. Closed mud system will be used. Fed minerals and surface. This is a new location from which 4 wells are being permitted at this time. See Williams WPX Energy Master 10 Point Drilling Plan dated 3/24/11 for all specific drilling stipulations

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: Howard Harris

Title: Sr. Regulatory Specialist Date: 9/21/2012 Email: howard.harris@wpenergy.com

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: _____

API NUMBER

05

Permit Number: _____ Expiration Date: _____

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.

Attachment Check List

Att Doc Num	Name
400328522	FORM 2 SUBMITTED
400328753	DEVIATED DRILLING PLAN
400328754	LEGAL/LEASE DESCRIPTION
400328755	WELL LOCATION PLAT
400329213	FED. DRILLING PERMIT
400330935	DIRECTIONAL DATA

Total Attach: 6 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>

Total: 0 comment(s)

BMP

Type	Comment
Planning	<p>Share/consolidate corridors for pipeline ROWs to the maximum extent possible.</p> <p>Maximize the utility of surface facilities by developing multiple wells from a single pad (directional drilling), and by co-locating multipurpose facilities (for example, well pads and compressors) to avoid unnecessary habitat fragmentation and disturbance of additional geographic areas.</p> <p>Minimize newly planned activities and operations within 300 feet of the ordinary high water mark of any reservoir, lake, wetland, or natural perennial or seasonally flowing stream or river.</p> <p>Locate roads outside of drainages where possible and outside of riparian habitat.</p> <p>Avoid constructing any road segment in the channel of an intermittent or perennial stream</p> <p>Avoid new surface disturbance and placing new facilities in key wildlife habitats in consultation with CDOW.</p> <p>Use existing roads where possible</p> <p>Combine utility infrastructure (gas, electric, and water) planning with roadway planning to avoid separate utility corridors</p> <p>Combine and share roads to minimize habitat fragmentation</p> <p>Where possible, consolidate pipeline and existing roadways, or roadways that are planned for development</p> <p>Place roads to avoid obstructions to migratory routes for wildlife, and to avoid displacement of wildlife from public to private lands.</p> <p>Design roads with visual and auditory buffers or screens (e.g., topographic barriers, vegetation, and distance).</p> <p>Maximize the use of directional drilling to minimize habitat loss/fragmentation</p> <p>Maximize use of remote telemetry for well monitoring to minimize traffic</p> <p>Restrict oil and gas activities as practical during critical seasonal periods</p>
Drilling/Completion Operations	<p>Install and maintain adequate measures to exclude all types of wildlife (e.g., big game, birds, and small rodents) from all fluid pits (e.g., fencing, netting, and other appropriate exclusion measures).</p>
Construction	<p>Structures for perennial or intermittent stream channel crossings should be constructed using appropriately sized bridges or culverts</p> <p>Design road crossings of streams to allow fish passage at all flows and to minimize the generation of sediment.</p> <p>Design road crossings of streams at right angles to all riparian corridors and streams to minimize the area of disturbance to the extent possible.</p>
Interim Reclamation	<p>Remove well pad and road surface materials that are incompatible with post-production land use and re-vegetation requirements</p> <p>Use only certified weed-free native seed in seed mixes, except for non-native plants that benefit wildlife</p> <p>WPX Energy will use certified, weed free grass hay, straw, hay or other mulch materials used for the reseeding and reclamation of disturbed areas.</p> <p>Install exclusionary devices to prevent bird and other wildlife access to equipment stacks, vents and openings.</p> <p>Reduce visits to well-sites through remote monitoring (i.e. SCADA) and the use of multi-function contractors.</p> <p>Avoid dust suppression activities within 300 feet of the ordinary high water mark of any reservoir, lake, wetland, or natural perennial or seasonally flowing stream or river where possible.</p>
Total: 4 comment(s)	