

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:

400418042

Date Received:

05/16/2013

## 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 LLC4. COGCC Operator Number: 968505. Address: 1001 17TH STREET - SUITE #1200City: DENVER State: CO Zip: 802026. Contact Name: Angela Neifert-Kraiser Phone: (303)606-4398 Fax: (303)629-8268Email: Angela.Neifert-Kraiser@WPXENERGY.COM7. Well Name: Federal Well Number: RGU 31-26-1988. Unit Name (if appl): Ryan Gulch Unit Unit Number: COC068239

X

9. Proposed Total Measured Depth: 12824

## WELL LOCATION INFORMATION

10. QtrQtr: lot 16 Sec: 23 Twp: 1s Rng: 98w Meridian: 6Latitude: 39.944665 Longitude: -108.353759

Footage at Surface: 1025 feet FNL/FSL 663 feet FEL/FWL FEL

11. Field Name: Sulphur Creek Field Number: 8009012. Ground Elevation: 6566 13. County: RIO BLANCO

## 14. GPS Data:

Date of Measurement: 05/07/2013 PDOP Reading: 2.8 Instrument Operator's Name: Michael J Langhorne15. If well is ☒ Directional ☐ Horizontal (highly deviated) **submit deviated drilling plan.**

Footage at Top of Prod Zone: FNL/FSL 287 FNL 1863 FEL 287 FSL 1863 FEL 287 FSL 1863 FEL 287  
 Sec: 23 Twp: 1s Rng: 98w Sec: 23 Twp: 1s Rng: 98w

16. Is location in a high density area? (Rule 603b)? ☐ Yes ☒ No17. Distance to the nearest building, public road, above ground utility or railroad: 9471 ft18. Distance to nearest property line: 5887 ft 19. Distance to nearest well permitted/completed in the same formation(BHL): 682 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 - CAMEO	WFCM			

21. Mineral Ownership: ☐ Fee ☐ State ☒ Federal ☐ Indian Lease #: COC6073222. Surface Ownership: ☐ Fee ☐ State ☒ Federal ☐ Indian

X

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):

Sec 23: Lots 1-16 T1S-R98W, 6th P.M. Sec. 26: Lots 2-16 T1S-R98W, 6th P.M.

25. Distance to Nearest Mineral Lease Line: 663 ft 26. Total Acres in Lease: 1205

### 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: R-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	30	18	48	0	80	50	80	0
SURF	14+3/4	9+5/8	36	0	3,898	1,416	3,898	0
1ST	8+3/4	4+1/2	11.6	0	12,824	1,318	12,824	7,483

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

33. Comments Top of cement will be approx 200 feet above the top of Mesaverde. Closed mud system will be used. Federal minerals and surface. A total of 10 wells will be drilled from the newly constructed RGU 43-23-198 well pad. See WPX Energy Master Drilling Plan dated 4/27/10 for Federal 10 point drilling plan.

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: Angela Neifert-Kraiser

Title: Regulatory Specialist Date: 5/16/2013 Email: Angela.Neifert-

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.**

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

Notice Concerning Operating Requirements for Wildlife Protection.

#### **Attachment Check List**

Att Doc Num	Name
400418361	FED. DRILLING PERMIT
400418578	DEVIATED DRILLING PLAN
400418580	DEVIATED DRILLING PLAN
400418603	LEGAL/LEASE DESCRIPTION
400418790	WELL LOCATION PLAT
400418799	DIRECTIONAL DATA

Total Attach: 6 Files

#### **General Comments**

<b><u>User Group</u></b>	<b><u>Comment</u></b>	<b><u>Comment Date</u></b>
Permit	Passed completeness.	5/17/2013 10:17:45 AM

Total: 1 comment(s)

## BMP

<u>Type</u>	<u>Comment</u>
Construction	<p>CONSTRUCTION BMP's</p> <ul style="list-style-type: none"><li>* Structures for perennial or intermittent stream channel crossings should be constructed using appropriately sized bridges or culverts</li><li>* Design road crossings of streams at right angles to all riparian corridors and streams to minimize the area of disturbance to the extent possible.</li></ul> <p>Construct retention basins and ponds that benefit wildlife</p>
Planning	<p>PLANNING BMP's</p> <ul style="list-style-type: none"><li>* Share/consolidate corridors for pipeline ROWs to the maximum extent possible.</li><li>* Locate roads outside of drainages where possible and outside of riparian habitat.</li><li>* Minimize the number, length, and footprint of oil and gas development roads</li><li>* Use existing roads where possible</li><li>* Combine utility infrastructure (gas, electric, and water) planning with roadway planning to avoid separate utility corridors</li><li>* Combine and share roads to minimize habitat fragmentation</li><li>* Maximize the use of directional drilling to minimize habitat loss/fragmentation</li><li>* Maximize use of remote completion/frac operations to minimize traffic</li><li>* Maximize use of remote telemetry for well monitoring to minimize traffic</li></ul>
Interim Reclamation	<p>PRODUCTION/RECLAMATION BMP's</p> <ul style="list-style-type: none"><li>* Remove well pad and road surface materials that are incompatible with post-production land use and re-vegetation requirements</li><li>* Use only certified weed-free native seed in seed mixes, except for non-native plants that benefit wildlife</li><li>* WPX Energy will use certified, weed free grass hay, straw, hay or other mulch materials used for the reseeding and reclamation of disturbed areas.</li><li>* Install exclusionary devices to prevent bird and other wildlife access to equipment stacks, vents and openings.</li><li>* Reduce visits to well-sites through remote monitoring (i.e. SCADA) and the use of multi-function contractors.</li></ul>
Drilling/Completion Operations	<p>DRILLING/COMPLETIONS BMP's</p> <ul style="list-style-type: none"><li>* Use centralized hydraulic fracturing operations.</li><li>* 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).</li><li>* Conduct well completions with drilling operations to limit the number of rig moves and traffic.</li></ul>

Total: 4 comment(s)