

FORM

2

Rev
12/05

State of Colorado

Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80205 Phone: (303) 894-2100 Fax: (303) 894-2109



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APPLICATION FOR PERMIT TO:

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

2. TYPE OF WELL

OIL ☐ GAS ☒ COALBED ☐ OTHER _____
SINGLE ZONE ☒ MULTIPLE ZONE ☐ COMMINGLE ZONE ☐Refiling ☒Sidetrack ☐

Document Number:

1692479

Plugging Bond Surety

20060159

3. Name of Operator: BLACK RAVEN ENERGY INC

4. COGCC Operator Number: 10203

5. Address: 1125 17TH ST STE 2300

City: DENVER State: CO Zip: 80202

6. Contact Name: JANICE ALDSTADT Phone: (303)308-1330X1 Fax: (303)308-1590

Email: JALDSTADT@PRBENERGY.COM

7. Well Name: VIESELMEYER Well Number: 943-33-11

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

9. Proposed Total Measured Depth: 3000

WELL LOCATION INFORMATION

10. QtrQtr: NWNW Sec: 33 Twp: 9N Rng: 43W Meridian: 6

Latitude: 40.718260 Longitude: -102.148140

Footage at Surface: 600 FNL/FSL FNL 915 FEL/FWL FWL

11. Field Name: UNNAMED Field Number: 85251

12. Ground Elevation: 3651 13. County: PHILLIPS

14. GPS Data:

Date of Measurement: 07/24/2007 PDOP Reading: 2.5 Instrument Operator's Name: NEAL MCCORMICK

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

Sec: Twp: Rng: Sec: Twp: Rng:

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: 150

18. Distance to nearest property line: 600 19. Distance to nearest well permitted/completed in the same formation: 1423

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.)
NIOBRARA	NBRR			

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 Bon ☐ \$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):
NW SEC 33, T9N R43W; L. 4,5,6,11,12, S2 SEC 2 AND SE SEC 4, T8N-R43W; L 5,6,9 SENW SEC 6, T8N-R42W

25. Distance to Nearest Mineral Lease Line: _____ 600 _____ 26. Total Acres in Lease: _____ 1014 _____

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 27 or 28 are yes, is this location in a sensitive area (Rule 903)? ☐ Yes ☐ No If 28, 29, or 30 are "Yes" a pit permit may be required.

31. Mud disposal: ☐ Offsite ☐ Onsite

Method: ☐ Land Farming ☐ Land Spreading ☐ Disposal Facility Other: EVAPORATION & BURIAL

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	Weight Per Foot	Setting Depth	Sacks Cement	Cement Bottom	Cement Top
SURF	9+7/8	7	17	450	180	450	0
1ST	6+1/4	4+1/2	10.5	3,000	80	3,000	1,900

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

33. Comments NO CONDUCTOR CASING WILL BE USED. NOTHING ON SURFACE HAS CHANGED SINCE ORIGINAL APD WAS SUBMITTED AND APPROVED UNDER API # 05-095-06159-00.

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: JANICE ALDSTADT

Title: LANDMAN Date: _____ Email: JALDSTADT@PRBENERGY.C

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: _____

Permit Number: _____ Expiration Date: _____

API NUMBER

05 095 06159 00

CONDITIONS OF APPROVAL, IF ANY:

Attachment Check List

Att Doc Num	Name	Doc Description
1692479	APD ORIGINAL	LF@2163448 1692479
1692485	WELL LOCATION PLAT	LF@2163449 1692485
1692486	TOPO MAP	LF@2163451 1692486

Total Attach: 3 Files