

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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Document Number:

2079619

Plugging Bond Surety

20060159

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 ☐

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)308-1330 x1 Fax: (303)308-1590  
Email: JALSTADT@BLACKRAVENENERGY.COM

7. Well Name: OLTJENBRUNS FARMS Well Number: 844-12-31

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

9. Proposed Total Measured Depth: 3000

WELL LOCATION INFORMATION

10. QtrQtr: NWNE Sec: 12 Twp: 8N Rng: 44W Meridian: 6

Latitude: 40.682570 Longitude: -102.211240

Footage at Surface: 1295 FNL/FSL FNL 2275 FEL/FWL FEL

11. Field Name: UNNAMED Field Number: 85251

12. Ground Elevation: 3722 13. County: PHILLIPS

14. GPS Data:

Date of Measurement: 10/21/2008 PDOP Reading: 2.1 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: 1295 ft

18. Distance to nearest property line: 376 ft 19. Distance to nearest well permitted/completed in the same formation: 1527 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.)
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 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):  
T8N-R44W, SEC.2: NW,S2, LESS 10 ACRES IN THE SWSWSW; SEC.10: NW; SEC.11: SW; SEC.12: NE; SEC.13: N2NW, E2; SEC.14: NW, S2; SEC.15: E2, SEC.22: N2,SE, SEC.23: ALL

25. Distance to Nearest Mineral Lease Line: 376 ft 26. Total Acres in Lease: 3270

### 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: EVAP & 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	200

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

33. Comments NO CONDUCTOR CASING WILL BE USED. THE PERFORATED INTERVAL IS ESTIMATED TO BE SHALLOWER THAN 2,500'. NOTHING ON SURFACE HAS CHANGED SINCE ORIGINAL APD WAS SUBMITTED & APPROVED UNDER API# 05-095-06240.

34. Location ID: 314148

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: 12/3/2009 Email: JALSTADT@BLACKRAVENEN

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: David & Neslin Director of COGCC Date: 1/8/2010

API NUMBER

05 095 06240 00

Permit Number: \_\_\_\_\_ Expiration Date: 1/7/2012

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.**

COGCC ENG COA 1. Provide 24 hr notice of spud to Colby Horton at 970-467-2517 or colby.horton@state.co.us. 2. Set surface casing per Rule 317d, cement to surface. Setting surface casing less than the approved depth is a permit violation unless prior written approval is obtained from the COGCC. 3. If completed, provide cement coverage from TD to 200' above Niobrara. Verify coverage with cement bond log. 4. If well is a dry hole set the following plugs: a) 35 sks cement from 50' above Niobrara top up, b) 35 sks cement ½ out, ½ in surface casing c) 10 sks cement at top of surface casing, cut casing 4' below GL, weld on plate, 5 sks cement in rat hole and 5 sks cement in mouse hole. Restore surface location.

### **Attachment Check List**

Att Doc Num	Name	Doc Description
1725430	SURFACE CASING CHECK	LF@2207044 1725430.00000
2079620	WELL LOCATION PLAT	LF@2188983 2079620
2079621	30 DAY NOTICE LETTER	LF@2188984 2079621
400019709	FORM 2 SUBMITTED	LF@2196584 400019709
400029437	APD ORIGINAL	LF@2188982 400029437

Total Attach: 5 Files