

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:

1759004

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: JANICEALDSTADT Phone: (303)308-1330X1 Fax: (303)308-1590
Email: JALDSTADT@BLACKRAVENENERGY.COM

7. Well Name: OLTJENBRUNS Well Number: 843-6-41-L1

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

9. Proposed Total Measured Depth: 3000

WELL LOCATION INFORMATION

10. QtrQtr: NENE Sec: 6 Twp: 8N Rng: 43W Meridian: 6

Latitude: 40.701410 Longitude: -102.184950

Footage at Surface: 1300 FNL/FSL FNL 600 FEL/FWL FEL

11. Field Name: WILDCAT Field Number: 99999

12. Ground Elevation: 3708 13. County: PHILLIPS

14. GPS Data:

Date of Measurement: 12/29/2007 PDOP Reading: 3.4 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: 600 ft

18. Distance to nearest property line: 600 ft 19. Distance to nearest well permitted/completed in the same formation: 1300 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 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):
T8N 43W SEC 6 (LOTS 1,2 AND 3), 7 SW4, 17 S2, 18 NW4 SW4, 19 NW4 AND T8N R44W SEC 24 NE4

25. Distance to Nearest Mineral Lease Line: 370 ft 26. Total Acres in Lease: 1117

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	1,900

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 2500'. NOTHING ON THE SURFACE HAS CHANGED SINCE THE ORIGINAL APD WAS SUBMITTED AND APPROVED UNDER API #05-095-06222-00.

34. Location ID: 314130

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: 9/4/2009 Email: JALDSTADT@BLACKRAVENE

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 S. Neslin Director of COGCC Date: 11/4/2009

API NUMBER

05 095 06222 00

Permit Number: _____ Expiration Date: 11/3/2010

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.

1) PROVIDE 24 HOUR NOTICE OF MIRU TO COLBY HORTON AT 970-467-2517 OR COLBY.HORTON@STATE.CO.US. 2) SET SURFACE CASING AT LEAST 50' INTO PIERRE SHALE FOR AQUIFER COVERAGE (450' MINIMUM). CEMENT TO SURFACE. SETTING SURFACE CASING LESS THAN THE APPROVED DEPTH SHOWN ABOVE IS A PERMIT VIOLATION UNLESS PRIOR WRITTEN APPROVAL IS OBTAINED FROM COGCC. 3) IF COMPLETED, PROVIDE CEMENT COVERAGE FROM TD TO A MINIMUM OF 200' ABOVE NIOBRARA. VERIFY COVERAGE WITH CEMENT BOND LOG. 4) IF DRY HOLE, SET 35 SKS CEMENT ABOVE NIOBRARA, 35 SKS CEMENT ½ IN ½ OUT OF SURFACE CASING, 10 SKS CEMENT TOP OF SURFACE CASING, CUT 4' BELOW GL, WELD ON PLATE, 5 SKS CEMENT IN RAT HOLE 5 SKS CEMENT IN MOUSE HOLE.

Attachment Check List

Att Doc Num	Name	Doc Description
1759004	APD APPROVED	1759004.pdf
1759005	30 DAY NOTICE LETTER	LF@2138866 1759005
400015831	APD ORIGINAL	LF@2138865 400015831

Total Attach: 3 Files