

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:

400310957

Date Received:

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

20060159

3. Name of Operator: BLACK RAVEN ENERGY INC4. COGCC Operator Number: 102035. Address: 1331 17TH STREET - #350City: DENVER State: CO Zip: 802026. Contact Name: Scott Ritger Phone: (303)887-9266 Fax: (303)308-1590Email: sritger@ticdenver.com7. Well Name: C.H. O'Neill Well Number: 3

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

9. Proposed Total Measured Depth: 5630

WELL LOCATION INFORMATION

10. QtrQtr: NENW Sec: 5 Twp: 1N Rng: 57W Meridian: 6Latitude: 40.086478 Longitude: -103.786741

Footage at Surface: 330 feet FNL/FSL 1658 feet FEL/FWL FWL

11. Field Name: Adena Field Number: 70012. Ground Elevation: 4470 13. County: MORGAN

14. GPS Data:

Date of Measurement: 10/12/2011 PDOP Reading: 3.0 Instrument Operator's Name: Theresa McCollom15. 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 ☒ No17. Distance to the nearest building, public road, above ground utility or railroad: 960 ft18. Distance to nearest property line: 4850 ft 19. Distance to nearest well permitted/completed in the same formation(BHL): 938 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.)
D sand	DSND	26-15	40	NENW Section 5

21. Mineral Ownership: ☒ Fee ☐ State ☐ Federal ☐ Indian Lease #: _____22. Surface Ownership: ☒ Fee ☐ State ☐ Federal ☐ Indian23. Is the Surface Owner also the Mineral Owner? ☐ Yes ☒ No Surface Surety ID#: 2011016423a. If 23 is Yes: Is the Surface Owner(s) signature on the lease? ☐ Yes ☐ No23b. 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):

NW/4 Section 5, Township 1N, Range 57W, 6th Prime Meridian

25. Distance to Nearest Mineral Lease Line: 330 ft

26. Total Acres in Lease: 160

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: No drilling mud will be used

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
SURF		8+5/8	28	0	97	80	97	
1ST	7+7/8	5+1/2	15.5	0	5,630	250	5,630	

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

33. Comments Nearest above ground utility (960') is the power line that provides power to the Glenn Biddle A-10 in section 32 of T2N R57W. Nearest property line (4850') is the northern boundary of section 8, T1N R57W. Nearest well in the same formation (938') is the Glenn Biddle A-10 in section 32, T2N R57W. Nearest mineral lease line (330') is the southern boundary of Section 32, T2N R57W. A location assessment is not required for this recompletion because the surface disturbance will be limited to the original disturbed area around the wellbore.

34. Location ID: 313763

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: Scott Ritger

Title: Geologist

Date: _____

Email: sritger@ticdenver.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

05 087 05475 00

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

Total Attach: 0 Files

General Comments

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

Total: 0 comment(s)

BMP

<u>Type</u>	<u>Comment</u>

Total: 0 comment(s)