

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



DE	ET	OE	ES
Document Number: 400211934			
PluggingBond SuretyID 20060159			

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 ☐

3. Name of Operator: BLACK RAVEN ENERGY INC 4. COGCC Operator Number: 10203
 5. Address: 1331 17TH STREET - #350
 City: DENVER State: CO Zip: 80202
 6. Contact Name: Scott Ritger Phone: (303)887-9266 Fax: (303)308-1590
 Email: sritger@ticdenver.com
 7. Well Name: Davis, R.Y. Well Number: 4
 8. Unit Name (if appl): _____ Unit Number: _____
 9. Proposed Total Measured Depth: 5670

WELL LOCATION INFORMATION

10. QtrQtr: NWNE Sec: 6 Twp: 1N Rng: 57W Meridian: 6
 Latitude: 40.084929 Longitude: -103.798548
 Footage at Surface: 899 feet FNL/FSL FNL 1650 feet FEL/FWL FEL
 11. Field Name: Adena Field Number: 700
 12. Ground Elevation: 4482 13. County: MORGAN

14. GPS Data:

Date of Measurement: 10/05/2011 PDOP Reading: 4.4 Instrument Operator's Name: Theresa McCollom

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: 420 ft
 18. Distance to nearest property line: 3520 ft 19. Distance to nearest well permitted/completed in the same formation(BHL): 1031 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	DSAND	26	40	NW4NE4 Section

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#: 20110164
 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):

NE4 and N2SE4 of Section 6, T1N, R57W, 6th Meridian

25. Distance to Nearest Mineral Lease Line: 899 ft

26. Total Acres in Lease: 240

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	24#	0	109	75	109	
1ST	7+7/8	5+1/2	15.5#	0	5,655	225	5,655	

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

33. Comments Nearest surface utility (420') is a power line that runs between the Black Raven Glenn Biddle #7 well and the Black Raven Davis #7 well. The closest well in the same formation is the Black Raven Davis #7 well. The casing (8 5/8 surface casing and 5 1/2 production casing) was installed by the operator when the well was initially drilled and completed; there are no plans to alter the casing.

34. Location ID: 313758

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: 10/7/2011 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 05464 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
400211934	FORM 2 SUBMITTED

Total Attach: 1 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)