

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:

400301687

Date Received:

10/17/2012

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: L Clar Well Number: 4

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

9. Proposed Total Measured Depth: 5815

## WELL LOCATION INFORMATION

10. QtrQtr: NWSW Sec: 13 Twp: 1N Rng: 58W Meridian: 6

Latitude: 40.048830 Longitude: -103.826388

Footage at Surface: 1650 feet FNL/FSL FSL 1040 feet FEL/FWL FWL

11. Field Name: Adena Field Number: 700

12. Ground Elevation: 4594 13. County: MORGAN

### 14. GPS Data:

Date of Measurement: 10/13/2011 PDOP Reading: 2.5 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: 980 ft

18. Distance to nearest property line: 990 ft 19. Distance to nearest well permitted/completed in the same formation(BHL): 1260 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	26-60	1200	see order 26-60

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):

SW/4 of section 13, N/2 of NW/4 of section 24, and S/2 of SE/4 of section 14 of T1N R58W, 6th Prime Meridian

25. Distance to Nearest Mineral Lease Line: 990 ft 26. Total Acres in Lease: 320

### 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	12+1/4	8+5/8	28	0	96	100	96	0
1ST	7+7/8	5+1/2	15.5	0	5,812	250	5,812	4,369

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

33. Comments Nearest surface utility (980') is a power line that runs north-south along the east side of Morgan County Road 17. Nearest property line (990') is to the northern edge of the SW/4 of section 13, T1N R57W. Nearest well permitted/completed in the same formation (1260') is the L Clar #2. This permit is being submitted with a Form 33, Injection Well Permit Application. The L Clar #4 will be converted to a D sand water injection well in the D Sand Enhanced Recovery Unit that was approved under COGCC order 26-60 on May 21, 1990. A Form 2A is not required for this recompletion because no pit will be constructed and there will be no additional surface disturbance beyond the originally disturbed area. No conductor casing was used when this well was drilled; the casing consists of surface casing and a production string.

34. Location ID: 313700

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: 10/17/2012 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 05286 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
400301687	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)