

**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

Document Number:  
 400206291

PluggingBond SuretyID  
 20060159

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: GLENN-BIDDLE Well Number: A-4

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

9. Proposed Total Measured Depth: 5636

**WELL LOCATION INFORMATION**

10. QtrQtr: SWSW Sec: 32 Twp: 2N Rng: 57W Meridian: 6  
 Latitude: 40.088290 Longitude: -103.789150

Footage at Surface: \_\_\_\_\_ feet FNL/FSL \_\_\_\_\_ feet FEL/FWL \_\_\_\_\_ feet

11. Field Name: Adena Field Number: 700

12. Ground Elevation: 4474 13. County: MORGAN

14. GPS Data:  
 Date of Measurement: 08/30/2011 PDOP Reading: 1.4 Instrument Operator's Name: Scott Ritger

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: 970 ft

18. Distance to nearest property line: 1 mi 19. Distance to nearest well permitted/completed in the same formation(BHL): 975 ft

**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	SWSW Sec 32

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):

SW4 Section 32 T2N R57W 6th 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		10+3/4	32.75	0	114	75	114	0
1ST	7+7/8	5+1/2	17	0	5,630	250	5,630	

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

33. Comments The Glenn-Biddle A-4 is already drilled and cased and completed in the J Sand. Plan to set a CIBP to isolate the J Sand and recomplete in the D Sand.

34. Location ID: 313768

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 05490 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)