

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:

400267082

Date Received:

04/20/2012

PluggingBond SuretyID

20090127

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: ENTEK GRB LLC

4. COGCC Operator Number: 10323

5. Address: 535 16TH STREET #620

City: DENVER State: CO Zip: 80202

6. Contact Name: Kimberly Rodell Phone: (303)840-4480 Fax: (303)820-4124

Email: kim@banko1.com

7. Well Name: FRU Federal Well Number: 11-14

8. Unit Name (if appl): Focus Ranch Unit Number: COC63212X

9. Proposed Total Measured Depth: 7800

WELL LOCATION INFORMATION

10. QtrQtr: SESW Sec: 11 Twp: 11N Rng: 88W Meridian: 6

Latitude: 40.922583 Longitude: -107.231317

Footage at Surface: 607 feet FNL/FSL FSL 2342 feet FEL/FWL FWL

11. Field Name: Wildcat Field Number: 99999

12. Ground Elevation: 7623 13. County: ROUTT

14. GPS Data:

Date of Measurement: 09/09/2011 PDOP Reading: 2.6 Instrument Operator's Name: Dave Fehringer

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: 5280 ft

18. Distance to nearest property line: 607 ft 19. Distance to nearest well permitted/completed in the same formation(BHL): 6475 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.)
Deep Creek	DPCK			
Frontier	FRTR			
Niobrara	NBRR			

21. Mineral Ownership: ☐ Fee ☐ State ☒ Federal ☐ Indian Lease #: COC59203

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 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):
T11N R88W Sec. 11: All; Sec. 12: N2, NWSW, SE

25. Distance to Nearest Mineral Lease Line: 607 ft 26. Total Acres in Lease: 1160

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: _____

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
CONDUCTOR	20	16		0	60		60	0
SURF	12+1/4	9+5/8	36#	0	2,500	995	2,500	0
1ST	8+3/4	7	23#	0	7,800	355	7,800	0

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

33. Comments A closed loop drilling system will be utilized. The dry cuttings will be buried onsite in an approved pit.

34. Location ID: _____

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: Kimberly Robell

Title: Permit Agent Date: 4/20/2012 Email: kim@banko1.com

Operator must have a valid water right or permit allowing for industrial use or purchased water from a seller that has a valid water right or permit allowing for industrial use, otherwise an application for a change in type of use is required under Colorado law. Operator must also use the water in the location set forth in the water right decree or well permit, otherwise an application for a change in place of use is required under Colorado law. Section 37-92-103(5), C.R.S. (2011).

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: Matthew Lee Director of COGCC Date: 12/5/2012

API NUMBER

05 107 06251 00

Permit Number: _____ Expiration Date: 12/4/2014

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)COMPLIANCE WITH THE MOST CURRENT REVISION OF THE NORTHWEST COLORADO NOTIFICATION POLICY IS REQUIRED.

2)THE PROPOSED SURFACE CASING IS MORE THAN 50' BELOW THE DEPTH OF THE DEEPEST WATER WELL WITHIN 1MILE OF THE SURFACE LOCATION WHEN CORRECTED FOR ELEVATION DIFFERENCES. THE DEEPEST WATER WELL WITHIN 1 MILE IS 000 FEET DEEP.

Applicable Policies and Notices to Operators

NW Colorado Notification Policy.

Notice Concerning Operating Requirements for Wildlife Protection.

Attachment Check List

Att Doc Num	Name
12930862	CORRESPONDENCE
400267082	FORM 2 SUBMITTED
400274984	WELL LOCATION PLAT
400274986	TOPO MAP
400274988	DRILLING PLAN

Total Attach: 5 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Distance to nearest unit boundary is greater than one mile. COGCC response to LGD comments attached. No public comments. Final Review--passed.	11/30/2012 1:11:48 PM
LGD	<p>Routt County has a permitting process for all oil/gas operations. The consultant for this application has been contacted and is aware that the applicant must make application for a Special Use Permit.</p> <p>This site is mapped for wildlife concerns which include Elk Production and Summer Concentration and Greater Sage Grouse Production and Brood Area. Elk Production restrictions are 3/15 – 6/30 with Greater Sage Grouse restrictions 3/1-6/30. All operations must meet the requirements/restrictions placed by the CPW.</p> <p>Best Management Practices must be adhered to to prevent any contamination of waterbodies. Any access roads and well pad must have a comprehensive BMP and SWAMP plan and continually monitored for protection of these water sources from erosion and contaminants. The access road will cross waterbodies and the well pad is located between two drainages.</p> <p>Routt County requests information from the COGCC after drilling operations are complete for the location of aquifers and showing that casing was completed per minimum requirements of the COGCC regulations to protect all aquifers.</p> <p>Routt County requests that the operator be required, at a minimum to comply with COGA Voluntary Baseline Groundwater Quality Sampling Program.</p> <p>There is a grazing lease and hunting lease. Care should be taken protect livestock from vehicles and fencing should be considered at the well site. Hunting operations should be honored and drilling not take place during this time.</p> <p>Continued best management practices should be used to test or monitor air quality. The COGCC should work with the CDPHE to develop monitoring system requirements and schedules for all operators. New technology should be used to prohibit emissions from tanks, equipment and flares at the onset of production.</p>	3/7/2012 1:04:08 PM
Permit	Second request for extension of comment period for public & LGD to 6/8/2012 negotiated with oper. & CPW.	5/21/2012 10:12:05 AM
Permit	Checked "commingled".	5/17/2012 1:13:00 PM
Permit	Request for extension of comment period rec'd from Routt County. Adjusted comment periods accordingly.	5/7/2012 11:37:07 AM

Total: 5 comment(s)

BMP

<u>Type</u>	<u>Comment</u>
<input type="text"/>	<input type="text"/>

Total: 0 comment(s)