

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



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Document Number:

400046206

Plugging Bond Surety

20090127

APPLICATION FOR PERMIT TO:

1. ☒ Drill, ☐ Deepen, ☐ Re-enter, ☐ Recomplete and Operate

2. TYPE OF WELL

OIL ☐ GAS ☒ COALBED ☐ OTHER _____
SINGLE ZONE ☐ MULTIPLE ZONE ☒ COMMINGLE ZONE ☐

Refiling ☐

Sidetrack ☐

3. Name of Operator: ENTEK GRB LLC

4. COGCC Operator Number: 10323

5. Address: 5120 WOODWAY DR - SUITE 5004

City: HOUSTON State: TX Zip: 77056

6. Contact Name: David Christian Phone: (713)490-1030 Fax: (303)820-4480
Email: davechristian@austin.rr.com

7. Well Name: Butter Lake Federal Well Number: 32-10

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

9. Proposed Total Measured Depth: 8700

WELL LOCATION INFORMATION

10. QtrQtr: NWSE Sec: 32 Twp: 12N Rng: 88W Meridian: 6

Latitude: 40.956837 Longitude: -107.284222

Footage at Surface: 2482 FNL/FSL FSL 1738 FEL/FWL FEL

11. Field Name: Slater Dome Field Number: 77551

12. Ground Elevation: 7518 13. County: ROUTT

14. GPS Data:

Date of Measurement: 09/17/2009 PDOP Reading: 3.2 Instrument Operator's Name: David Sims

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: 375 ft

18. Distance to nearest property line: 1738 ft 19. Distance to nearest well permitted/completed in the same formation: 4 mi

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.)
Frontier	FRTR		40	
Mancos	MNCS		40	
Niobrara	NBRR		40	

21. Mineral Ownership: ☐ Fee ☐ State ☒ Federal ☐ Indian Lease #: COC59666

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):
T12N R88W Sec. 32: All; Sec. 33: SW

25. Distance to Nearest Mineral Lease Line: 1745 ft 26. Total Acres in Lease: 800

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 27 or 28 are yes, is this location in a sensitive area (Rule 903)? ☐ Yes ☒ No If 28, 29, or 30 are "Yes" a pit permit may be required.

31. Mud disposal: ☐ Offsite ☒ Onsite

Method: ☐ Land Farming ☐ Land Spreading ☐ Disposal Facility Other: Buried in pit

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	Weight Per Foot	Setting Depth	Sacks Cement	Cement Bottom	Cement Top
CONDUCTOR	18+0/0	16+0/0	Conductor	40		40	0
SURF	12+1/4	9+5/8	40#	1,350	700	1,350	0
2ND	8+3/4	7+0/0	23#	6,950	800	6,950	1,050
1ST LINER		4+1/2	liner	8,700	0	0	0

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

33. Comments _____

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 J. Rodell

Title: Permit Agent for Entek Date: 3/26/2010 Email: kim@banko1.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: David S. Neslin Director of COGCC Date: 6/7/2010

API NUMBER 05 107 06239 00	Permit Number: _____ Expiration Date: <u>6/6/2012</u>
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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) CEMENT TOP VERIFICATION BY CBL REQUIRED.
- 3) THE PROPOSED SURFACE CASING IS MORE THAN 50' BELOW THE DEPTH OF THE DEEPEST WATER WELL WITHIN 1 MILE OF THE SURFACE LOCATION WHEN CORRECTED FOR ELEVATION DIFFERENCES. THE DEEPEST WATER WELL WITHIN 1 MILE IS 000 FEET DEEP.

Attachment Check List

Att Doc Num	Name	Doc Description
400049970	WELL LOCATION PLAT	LF@2444995 400049970
400049971	DRILLING PLAN	LF@2444996 400049971
400049972	SURFACE PLAN	LF@2444997 400049972
400050528	FORM 2 SUBMITTED	LF@2444998 400050528

Total Attach: 4 Files