

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:

400076889

Plugging Bond Surety

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: 1999 BROADWAY - SUITE 550

City: DENVER State: CO Zip: 80202

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

Email: kim@banko1.com

7. Well Name: SD Federal Well Number: 24-9DL

8. Unit Name (if appl): _____ Unit Number: _____

9. Proposed Total Measured Depth: 8710

WELL LOCATION INFORMATION

10. QtrQtr: NESE Sec: 24 Twp: 12N Rng: 89W Meridian: 6

Latitude: 40.979345 Longitude: -107.319226

Footage at Surface: 2257 FNL/FSL FSL 431 FEL/FWL FEL

11. Field Name: Slater Dome Field Number: 77551

12. Ground Elevation: 7050 13. County: MOFFAT

14. GPS Data:

Date of Measurement: 05/05/2010 PDOP Reading: 3.8 Instrument Operator's Name: David A. Fehringer

15. If well is ☒ Directional ☐ Horizontal (highly deviated) **submit deviated drilling plan.**

Footage at Top of Prod Zone: FNL/FSL 1027 FSL 725 FEL FEL Bottom Hole: FNL/FSL 1027 FSL 725 FEL FEL
Sec: 24 Twp: 12n Rng: 89w Sec: 24 Twp: 12n Rng: 89w

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: 450 ft

18. Distance to nearest property line: 383 ft 19. Distance to nearest well permitted/completed in the same formation: 5280 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.)
Frontier	FRTR			
Niobrara	NBRR			

21. Mineral Ownership: ☐ Fee ☐ State ☒ Federal ☐ Indian Lease #: COC69112

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 R89W Sec. 24: S2; Sec. 25: NE, S2NW, NWSW, NESE, S2S2

25. Distance to Nearest Mineral Lease Line: 383 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: closed loop mud system

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	16	14		40	0	40	0
SURF	12+1/4	9+5/8	36	1,250	405	1,250	0
1ST	8+3/4	7	23	5,760	610	5,760	1,050
1ST LINER	6+1/8	4+1/2	10.5	8,710			

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 Date: 7/16/2010 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: 9/21/2010

API NUMBER

05 081 07624 00

Permit Number: _____ Expiration Date: 9/20/2012

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 00 FEET DEEP.

Attachment Check List

Att Doc Num	Name	Doc Description
1693619	FED. DRILLING PERMIT	LF@2544842 1693619
1693620	EXCEPTION LOC WAIVERS	LF@2544854 1693620
400076889	FORM 2 SUBMITTED	LF@2516557 400076889
400077156	SURFACE CASING CHECK	LF@2508831 400077156
400077232	DRILLING PLAN	LF@2508832 400077232
400077233	SURFACE PLAN	LF@2508833 400077233
400077234	ACCESS ROAD MAP	LF@2508834 400077234
400077240	OTHER	LF@2508835 400077240
400077241	CONST. LAYOUT DRAWINGS	LF@2508836 400077241
400077244	CONST. LAYOUT DRAWINGS	LF@2508837 400077244
400077245	CONST. LAYOUT DRAWINGS	LF@2508838 400077245
400077248	CONST. LAYOUT DRAWINGS	LF@2508839 400077248
400077255	PLAT	LF@2508840 400077255
400077256	DEVIATED DRILLING PLAN	LF@2508841 400077256
400077357	REFERENCE AREA PICTURES	LF@2508842 400077357

Total Attach: 15 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Received Exception Location Request letter and BLM Waivers. Also, received a copy of Federal permit.	9/21/2010 2:55:38 PM
Permit	Requested Exception Location letter and Waivers.	8/17/2010 11:10:21 AM
Permit	Changed Line 31: mud disposal to closed loop mud system as required by the BLM per KR.	8/13/2010 3:15:38 PM

Total: 3 comment(s)

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