

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:

400449565

Date Received:

07/23/2013

PluggingBond SuretyID

20090102

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 DIAMOND MINERALS LLC

4. COGCC Operator Number: 10244

5. Address: 1600 STOUT ST STE 1710

City: DENVER State: CO Zip: 80202

6. Contact Name: Mary Griggs Phone: (303)973-3228 Fax: (303)346-4893

Email: mgriggs@bdminerals.com

7. Well Name: TPR Well Number: 112-6

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

9. Proposed Total Measured Depth: 16422

WELL LOCATION INFORMATION

10. QtrQtr: SWSE Sec: 25 Twp: 7S Rng: 94W Meridian: 6

Latitude: 39.404367 Longitude: -107.832617

Footage at Surface: 603 feet FNL/FSL FSL 1885 feet FEL/FWL FEL

11. Field Name: Mamm Creek Field Number: 52500

12. Ground Elevation: 9131 13. County: GARFIELD

14. GPS Data:

Date of Measurement: 04/18/2008 PDOP Reading: 3.7 Instrument Operator's Name: Ben Johnson

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
684 FNL 240 FWL 684 FNL 240 FWL
Sec: 6 Twp: 8S Rng: 93W Sec: 6 Twp: 8S Rng: 93W

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: 2514 ft

18. Distance to nearest property line: 2016 ft 19. Distance to nearest well permitted/completed in the same formation(BHL): 1400 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.)
MANCOS	MNCS			
NIOBRARA	NBRR			
Williams Fork	WMFK	139-90	10	SW/4 of NE/4 of SE/4

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#:

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):
SEE ATTACHED SHEET

25. Distance to Nearest Mineral Lease Line: 784 ft 26. Total Acres in Lease: 1664

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	24+0/10	18+0/10	32	0	109		109	0
SURF	14+3/4	9+5/8	36	0	2,623	1,420	2,623	0
1ST	8+3/4	7	29	0	11,422	580	11,422	6,000
1ST LINER	6+1/8	4+1/2	15.5	10500	16,422	650	16,422	10,500
NEW	14+3/4	1+9/10	0	0	2,300			

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

33. Comments TPR Well Pad 25A has been constructed and no further surface disturbance will be necessary to drill, complete, and produce this well. Conductor and surface casing pipe has been set. No new Form 2A is submitted due to the following reasons: 1. The pad has been built. 2. The pit has been constructed. 3. The refiled well will not require any expansion/additional surface disturbance of the pad. 4. The location does not require a variance from any of the rules listed in Rule 306.d(1).(A).(ii); consultation with CDPHE is not required. 5. The location is not in a wildlife restricted surface occupancy area (RSO); consultation with CDOW is not required. The surface hole location was not correct on the COGCC website, as it showed the well on Pad 36A. The well is on Pad 25A. The depth and bottom hole location has changed. A new plat is attached. Two additional formations for production have been added (Mancos & Niobrara) and a request to co-mingle. The operator owns all minerals rights. A well design plan is attached. "New Casing String" - A 1.9" Parasite string will be tied into the surface casing at a depth of approximately 2,300 ft. There is no change in the mineral ownership from the original application.

34. Location ID: 334457

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: Mary C. Griggs

Title: Reg/Environmental Date: 7/23/2013 Email: mgriggs@bdminerals.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

05 045 16951 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.

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Attachment Check List

Att Doc Num	Name
400449565	FORM 2 SUBMITTED
400450506	DEVIATED DRILLING PLAN
400450507	DIRECTIONAL DATA
400450508	LEASE MAP
400455745	DEVIATED DRILLING PLAN
400455749	MULTI-WELL PLAN
400455754	PLAT

Total Attach: 7 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Returned to DRAFT. The Deviated drilling plan doesn't have the horizontal and vertical profiles. The Well location Plat does not have the BHL section included.	7/25/2013 7:33:14 AM
Permit	Returned to draft. Incorrect plugging bond number. Asked opr to check GPS coordinates. This plots in the next qtr-qtr	7/24/2013 2:02:44 PM

Total: 2 comment(s)

BMP

<u>Type</u>	<u>Comment</u>

Total: 0 comment(s)