

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:

400060807

Plugging Bond Surety

20090078

## 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: PETROLEUM DEVELOPMENT CORPORATION

4. COGCC Operator Number: 69175

5. Address: 1775 SHERMAN STREET - STE 3000

City: DENVER State: CO Zip: 80203

6. Contact Name: Kelly Huffman Phone: (303)831-3974 Fax: (303)860-5838

Email: khuffman@petd.com

7. Well Name: Bauer Debus Well Number: 22ND

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

9. Proposed Total Measured Depth: 7073

## WELL LOCATION INFORMATION

10. QtrQtr: NENW Sec: 22 Twp: 5N Rng: 64W Meridian: 6

Latitude: 40.390470 Longitude: -104.538630

Footage at Surface: 599 FNL/FSL FNL 1901 FEL/FWL FWL

11. Field Name: Wattenberg Field Number: 90750

12. Ground Elevation: 4575 13. County: WELD

## 14. GPS Data:

Date of Measurement: 04/08/2010 PDOP Reading: 6.0 Instrument Operator's Name: Thomas G. Carlson

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  
 1295 FNL 2594 FWL 1295 FNL 2594 FWL  
 Sec: 22 Twp: 5N Rng: 64W Sec: 22 Twp: 5N Rng: 64W
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: 572 ft

18. Distance to nearest property line: 599 ft 19. Distance to nearest well permitted/completed in the same formation: 62 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.)
Niobrara Codell	NBCD	407-87	160	E/2NW, W/2NE

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#: 19990086

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 Bon ☐ \$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):  
Please see attached map.

25. Distance to Nearest Mineral Lease Line: 31 ft 26. Total Acres in Lease: 117

### 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: \_\_\_\_\_

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
SURF	12+1/4	8+5/8	24	650	390	650	0
S.C. 1.1	7+7/8	4+1/2	10.5	7,073	123	7,073	5,673

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

33. Comments Conductor casing will not be used. The Bauer Debus 22ND will be drilled from the same pad as the Bauer Debus 22MD, 22JD and 22AD. The well will be tied into the Bauer Debus tank battery which will be added to the existing tank battery facility located at the Joshua #1 well.

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: Kelly Huffman

Title: Contract Land Technician Date: \_\_\_\_\_ Email: khuffman@petd.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

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	Doc Description
400060809	PLAT	Bauer Debus 22ND Plat.pdf
400060810	TOPO MAP	Bauer Debus 22ND, TOPO.pdf
400063076	UNIT CONFIGURATION MAP	Bauer Debus 22ND BHL Map.pdf
400063079	DEVIATED DRILLING PLAN	Bauer Debus 22ND Deviated Drilling Plan.pdf
400066141	CORRESPONDENCE	Bauer Debus 22ND 20-Day 318Ae Certification to Dir.pdf
400066144	EXCEPTION LOC REQUEST	Bauer Debus NW-22 SLW Letter to Director.pdf
400068226	EXCEPTION LOC WAIVERS	Bauer Debus SLW.pdf
400068227	30 DAY NOTICE LETTER	Bauer Debus Notice Letter.pdf
400068229	LEASE MAP	Bauer Debus Pad, Lease Map.pdf

Total Attach: 9 Files