

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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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

Document Number:  
400097134  
Plugging Bond Surety  
20090078

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: Binder Well Number: 21-10DU

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

9. Proposed Total Measured Depth: 7740

WELL LOCATION INFORMATION

10. QtrQtr: SWNW Sec: 10 Twp: 4N Rng: 67W Meridian: 6

Latitude: 40.329440 Longitude: -104.885260

Footage at Surface: 1751 FNL/FSL FNL 386 FEL/FWL FWL

11. Field Name: Wattenberg Field Number: 90750

12. Ground Elevation: 4760 13. County: WELD

14. GPS Data:

Date of Measurement: 10/31/2008 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 660 FNL 1800 FWL FWL Bottom Hole: FNL/FSL 660 FNL 1800 FWL FWL  
Sec: 10 Twp: 4N Rng: 67W Sec: 10 Twp: 4N Rng: 67W

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: 361 ft

18. Distance to nearest property line: 118 ft 19. Distance to nearest well permitted/completed in the same formation: 300 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	NB-CD	407-87	80	E/2NW/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 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):  
 Township 4 North, Range 67 West, 6th P.M. Section 10: N/2

25. Distance to Nearest Mineral Lease Line: 660 ft 26. Total Acres in Lease: 320

### 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	500	650	0
1ST	7+7/8	4+1/2	10.5	7,740	525	7,740	0

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

33. Comments The Binder 21-10DU will be drilled from the same pad as the Binder 10ADU, 12-10DU and 11-10DU wells (all of which have been permitted) and the Binder 1 well (a plugged and abandoned well). The wells will be tied into a tank battery facility located approximately 175' WNW. Petroleum Development Corporation requests approval of a Rule 603.a.(2) exception location: Wellhead is to be located less than 150' from a property line. Petroleum Development Corporation requests approval of a Rule 318Aa and Rule 318Ac exception location: Wellhead is to be located outside of a GWA drilling window and will be located more than 50' from an existing well location.

34. Location ID: 319109

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: Permit Specialist Date: 10/6/2010 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: David S. Neslin Director of COGCC Date: 10/31/2010

API NUMBER **05 123 32494 00** Permit Number: \_\_\_\_\_ Expiration Date: 10/30/2012

**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) Provide 24 hour notice of MIRU to Bo Brown at 970-397-4124 or e-mail at bo.brown@state.co.us.
- 2) Comply with Rule 317.i and provide cement coverage from TD to a minimum of 200' above Niobrara and from 200' below Shannon to 200' above Sussex. Verify coverage with cement bond log.
- 3) Comply with Rule 321. Run and submit Directional Survey from TD to base of surface casing. Ensure that the wellbore complies with setback requirements in commission orders or rules prior to producing the well.

**Attachment Check List**

Att Doc Num	Name	Doc Description
400097134	FORM 2 SUBMITTED	LF@2599474 400097134
400097142	30 DAY NOTICE LETTER	LF@2599475 400097142
400097144	PLAT	LF@2599476 400097144
400097145	EXCEPTION LOC WAIVERS	LF@2599477 400097145
400097146	EXCEPTION LOC WAIVERS	LF@2599478 400097146
400097148	EXCEPTION LOC REQUEST	LF@2599479 400097148
400097149	EXCEPTION LOC REQUEST	LF@2599480 400097149
400098071	DEVIATED DRILLING PLAN	LF@2599481 400098071

Total Attach: 8 Files

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