

**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:  
400079868  
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: Purvis Well Number: 10DD

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

9. Proposed Total Measured Depth: 7596

**WELL LOCATION INFORMATION**

10. QtrQtr: NWSE Sec: 10 Twp: 4N Rng: 67W Meridian: 6  
Latitude: 40.324730 Longitude: -104.874540

Footage at Surface: 1893 FNL/FSL FSL 1915 FEL/FWL FEL

11. Field Name: Wattenberg Field Number: 90750

12. Ground Elevation: 4794 13. County: WELD

14. GPS Data:  
Date of Measurement: 06/08/2010 PDOP Reading: 1.3 Instrument Operator's Name: Michael Chad Dilka

15. If well is  Directional  Horizontal (highly deviated) **submit deviated drilling plan.**  
Footage at Top of Prod Zone: FNL/FSL 1326 FSL 1320 FEL/FWL FEL Bottom Hole: FNL/FSL 1326 FSL 1320 FEL/FWL FEL  
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: 631 ft  
18. Distance to nearest property line: 584 ft 19. Distance to nearest well permitted/completed in the same formation: 44 ft

**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	160	SE/4
Sussex Shannon	SX-SN	N/A	160	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 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: E/2SE/4, SE/4SE/4 less the east 30 feet, W/2SE/4

25. Distance to Nearest Mineral Lease Line: 725 ft 26. Total Acres in Lease: 199

### 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	7,596	525	7,596	0

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

33. Comments Conductor casing will not be used. The Purvis 10DD will be drilled from the same pad as the Purvis 10WD, 10TD, and 10XD. The Purvis 10TD will be twinning the existing Purvis 10-1 well. The wells will be tied into the existing tank battery facility located approximately 87' north.

34. Location ID: 323335

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 Tech 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: \_\_\_\_\_

<b>API NUMBER</b> 05	Permit Number: _____ Expiration Date: _____	
<b>CONDITIONS OF APPROVAL, IF ANY:</b> _____		

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
400079879	TOPO MAP	Purvis SE-10 Topo.pdf
400079880	DEVIATED DRILLING PLAN	Purvis 10DD Deviated Drilling Plan.pdf
400079882	PLAT	Purvis 10DD Plat.pdf
400079883	30 DAY NOTICE LETTER	Purvis SE-10 30-day notice letter.pdf

Total Attach: 4 Files