

**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:  
  
400060191  
  
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: Larry Robbins Phone: (303)860-5822 Fax: (303)860-5838  
 Email: lrobbins@petd.com  
 7. Well Name: Puckett Well Number: 22C-1D  
 8. Unit Name (if appl): \_\_\_\_\_ Unit Number: \_\_\_\_\_  
 9. Proposed Total Measured Depth: 8825

**WELL LOCATION INFORMATION**

10. QtrQtr: SENW Sec: 1 Twp: 7S Rng: 97W Meridian: 6  
 Latitude: 39.474711 Longitude: -108.169506  
 Footage at Surface: 2586 FNL/FSL FNL 2398 FEL/FWL FWL  
 11. Field Name: Grand Valley Field Number: 31290  
 12. Ground Elevation: 8218 13. County: GARFIELD

14. GPS Data:  
Date of Measurement: 08/12/2009 PDOP Reading: 2.4 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 2113 FNL 1616 FWL 2135 FNL 1600 FWL  
 Bottom Hole: FNL/FSL \_\_\_\_\_ FEL/FWL \_\_\_\_\_  
 Sec: 1 Twp: 7S Rng: 97W Sec: 1 Twp: 7S Rng: 97W

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: 10684 ft  
 18. Distance to nearest property line: 6620 ft 19. Distance to nearest well permitted/completed in the same formation: 321 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.)
Williams Fork-Cameo	WFCM	510-21		

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):  
See attached map

25. Distance to Nearest Mineral Lease Line: 2660 ft 26. Total Acres in Lease: 4960

### 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
CONDUCTOR	24	20	53	100	100	100	0
SURF	17+1/2	9+5/8	36	2,000	1,480	2,000	0
1ST	8+3/4	4+1/2	11.6	8,825	1,000	8,825	3,825

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

33. Comments PDC will not be constructing pits for the drilling/completion operations at the Puckett #22C-1D wellsite due to the use of closed loop drilling/completion tank systems.

34. Location ID: 324394

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: Larry Robbins

Title: Regulatory Agent Date: \_\_\_\_\_ Email: lrobbins@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>	Permit Number: _____	Expiration Date: _____
05	<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
400079639	WELL LOCATION PLAT	Puckett #22C-1D Survey Plat.pdf
400079640	DEVIATED DRILLING PLAN	Puckett #22C-1D Directional Plan.pdf
400079641	LEASE MAP	Puckett Lease Map.pdf

Total Attach: 3 Files