

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:

400061920

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: 691755. Address: 1775 SHERMAN STREET - STE 3000City: DENVER State: CO Zip: 802036. Contact Name: Larry Robbins Phone: (303)860-5822 Fax: (303)860-5838Email: lrobbins@petd.com7. Well Name: Puckett Well Number: 32B-36D

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

9. Proposed Total Measured Depth: 8940

## WELL LOCATION INFORMATION

10. QtrQtr: Lot 3 Sec: 36 Twp: 6S Rng: 97W Meridian: 6Latitude: 39.483617 Longitude: -108.169606
 Footage at Surface: 659 FNL/FSL FSL 2381 FEL/FWL FWL
11. Field Name: Grand Valley Field Number: 3129012. Ground Elevation: 8201 13. County: GARFIELD

## 14. GPS Data:

Date of Measurement: 05/29/2009 PDOP Reading: 1.3 Instrument Operator's Name: Bart Hunting15. 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 \_\_\_\_\_

227 FSL 1983 FEL 200 FSL 2000 FELSec: 36 Twp: 6S Rng: 97W Sec: 36 Twp: 6S Rng: 97W16. Is location in a high density area? (Rule 603b)?  Yes  No17. Distance to the nearest building, public road, above ground utility or railroad: 3263 ft18. Distance to nearest property line: 6715 ft 19. Distance to nearest well permitted/completed in the same formation: 480 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.) |
|------------------------|----------------|-------------------------|-------------------------------|--------------------------------------|
| 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: 3275 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              | 2,700         | 2,000        | 2,700         | 0          |
| 1ST         | 8+3/4        | 4+1/2          | 11.6            | 8,940         | 1,000        | 8,940         | 3,940      |

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

33. Comments No drilling pits due to closed loop system.

34. Location ID: 324334

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                       |
|-------------|-------------------------|---------------------------------------|
| 400061982   | LEASE MAP               | Puckett Lease Map.pdf                 |
| 400061983   | 30 DAY NOTICE LETTER    | 30 day notice letter.pdf              |
| 400062207   | DEVIATED DRILLING PLAN  | Puckett #32B-36D Directional Plan.pdf |
| 400062208   | PLAT                    | Puckett #32B-36D Survey Plat.pdf      |
| 400062211   | HYDROLOGY MAP           | Hydrology Map.pdf                     |
| 400062212   | LOCATION PICTURES       | Puckett Section 36 wellpad photos.pdf |
| 400062213   | REFERENCE AREA PICTURES | Reference Area photos.pdf             |
| 400062215   | REFERENCE AREA MAP      | Reference Area Map.pdf                |
| 400062216   | LOCATION DRAWING        | Location Drawing.pdf                  |
| 400062217   | CONST. LAYOUT DRAWINGS  | Construction Layout.pdf               |
| 400062218   | SURFACE PLAN            | Surface Plan.pdf                      |
| 400062219   | OTHER                   | Reclamation.pdf                       |
| 400062220   | LOCATION DRAWING        | Proximity Drawing.pdf                 |
| 400062221   | DRILLING PLAN           | Bottom Hole Locations.pdf             |
| 400062222   | ACCESS ROAD MAP         | Access Road Map.pdf                   |

Total Attach: 15 Files