

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



DE ET OE ES

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

Refilling   
Sidetrack

Document Number:  
400061223  
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: Larry Robbins Phone: (303)860-5822 Fax: (303)860-5838  
Email: lrobbins@petd.com

7. Well Name: Puckett Well Number: 22A-36D

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

9. Proposed Total Measured Depth: 8830

WELL LOCATION INFORMATION

10. QtrQtr: Lot 3 Sec: 36 Twp: 6S Rng: 97W Meridian: 6  
Latitude: 39.483514 Longitude: -108.169769

Footage at Surface: 621 FNL/FSL FSL 2334 FEL/FWL FWL

11. Field Name: Grand Valley Field Number: 31290

12. Ground Elevation: 8201 13. County: GARFIELD

14. GPS Data:

Date of Measurement: 05/29/2009 PDOP Reading: 1.9 Instrument Operator's Name: Bart Hunting

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 \_\_\_\_\_  
223 FSL 1968 FWL 200 FSL 1950 FWL  
Sec: 36 Twp: 6S Rng: 97W Sec: 36 Twp: 6S 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: 3263 ft

18. Distance to nearest property line: 6715 ft 19. Distance to nearest well permitted/completed in the same formation: 440 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: 1950 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	8,830	1,000	8,830	3,830

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

33. Comments No drilling pits due to closed loop system. Changed surface casing depth and cement volume per e-mail from Larry Robbins 06/17/2010 RE Changed commingle to no per e-mail from Larry Robbins 07/01/2010 RE As established by COGCC Commission Order 510-21, this well location is located in the 219.44 acre Section 36. The well location meets the requirement of ten (10) acre equivalent spacing and will be one (1) of an estimated twenty one (21) ten acre locations in the section. Added per Larry Robbins e-mail 07/19/2010 RE

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: 5/19/2010 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: David S. Nesline Director of COGCC Date: 7/28/2010

Permit Number: \_\_\_\_\_ Expiration Date: 7/27/2012

## API NUMBER

05 045 19726 00

## 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) COMPLIANCE WITH THE MOST CURRENT REVISION OF THE NORTHWEST COLORADO NOTIFICATION POLICY IS REQUIRED.
- 2) GARFIELD COUNTY RULISON FIELD NOTICE TO OPERATORS. NOTE: ALL NOTICES SHALL BE GIVEN VIA E-MAIL. SEE ATTACHED NOTICE
- 3) CEMENT TOP VERIFICATION BY CBL REQUIRED.
- 4) COMPLY WITH ALL PROVISIONS OF THE JUNE 12, 2008 NOTICE TO OPERATORS DRILLING WELLS WITHIN 3/4 MILE OF THE RIM OF THE ROAN PLATEAU IN GARFIELD COUNTY - PIT DESIGN, CONSTRUCTION AND MONITORING REQUIREMENTS. SEE ATTACHED NOTICE.
- 5) THE PROPOSED SURFACE CASING IS MORE THAN 50' BELOW THE DEPTH OF THE DEEPEST WATER WELL WITHIN 1 MILE OF THE SURFACE LOCATION WHEN CORRECTED FOR ELEVATION DIFFERENCES. THE DEEPEST WATER WELL WITHIN 1 MILE IS 605 FEET DEEP.

### Attachment Check List

Att Doc Num	Name	Doc Description
2089281	NRCS MAP UNIT DESC	LF@2500241 2089281
400061223	FORM 2 SUBMITTED	LF@2479853 400061223
400061266	LEASE MAP	LF@2479854 400061266
400061511	WELL LOCATION PLAT	LF@2479855 400061511
400061514	HYDROLOGY MAP	LF@2479856 400061514
400061515	LOCATION PICTURES	LF@2479857 400061515
400061517	REFERENCE AREA PICTURES	LF@2479858 400061517
400061518	REFERENCE AREA MAP	LF@2479859 400061518
400061523	LOCATION DRAWING	LF@2479860 400061523
400061524	CONST. LAYOUT DRAWINGS	LF@2479861 400061524
400061526	CONST. LAYOUT DRAWINGS	LF@2479862 400061526
400061528	CONST. LAYOUT DRAWINGS	LF@2479863 400061528
400061530	MULTI-WELL PLAN	LF@2479864 400061530
400061531	MULTI-WELL PLAN	LF@2479865 400061531
400061539	ACCESS ROAD MAP	LF@2479866 400061539
400061646	DEVIATED DRILLING PLAN	LF@2479867 400061646
400062223	30 DAY NOTICE LETTER	LF@2479868 400062223

Total Attach: 17 Files