

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:

400070184

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: 11C-36D

8. Unit Name (if appl): _____ Unit Number: _____

9. Proposed Total Measured Depth: 8975

WELL LOCATION INFORMATION

10. QtrQtr: Lot 4 Sec: 36 Twp: 6S Rng: 97W Meridian: 6

Latitude: 39.484994 Longitude: -108.174722

Footage at Surface: 647 FNL/FSL 937 FEL/FWL FWL

11. Field Name: Grand Valley Field Number: 31290

12. Ground Elevation: 8369 13. County: GARFIELD

14. GPS Data:

Date of Measurement: 11/14/2008 PDOP Reading: 2.1 Instrument Operator's Name: Jesse Jenkins

15. If well is ☐ Directional ☐ Horizontal (highly deviated) **submit deviated drilling plan.**

Footage at Top of Prod Zone: FNL/FSL 727 FNL 178 FWL FWL Bottom Hole: FNL/FSL 750 FNL 160 FWL 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: 6725 ft

18. Distance to nearest property line: 8223 ft 19. Distance to nearest well permitted/completed in the same formation: 315 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 Bond ☐ \$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: 160 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	8,975	1,000	8,975	3,975

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 11C-36D wellsite due to the use of closed loop drilling/completion tank systems. 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: _____

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: 6/23/2010 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: 8/13/2010

Permit Number: _____ Expiration Date: 8/12/2012

API NUMBER

05 045 19810 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
400070184	FORM 2 SUBMITTED	LF@2495853 400070184
400070243	ACCESS ROAD MAP	LF@2495854 400070243
400070244	MULTI-WELL PLAN	LF@2495855 400070244
400070245	CONST. LAYOUT DRAWINGS	LF@2495856 400070245
400070246	HYDROLOGY MAP	LF@2495857 400070246
400070247	LOCATION DRAWING	LF@2495858 400070247
400070248	LOCATION PICTURES	LF@2495859 400070248
400070249	LOCATION DRAWING	LF@2495860 400070249
400070250	LOCATION DRAWING	LF@2495861 400070250
400070251	DEVIATED DRILLING PLAN	LF@2495862 400070251
400070252	WELL LOCATION PLAT	LF@2495863 400070252
400070253	LEASE MAP	LF@2495864 400070253
400070255	CONST. LAYOUT DRAWINGS	LF@2495865 400070255
400070256	REFERENCE AREA MAP	LF@2495866 400070256
400070257	REFERENCE AREA PICTURES	LF@2495867 400070257
400070259	NRCS MAP UNIT DESC	LF@2495868 400070259
400070261	SURFACE PLAN	LF@2495869 400070261
400070262	TOPO MAP	LF@2495870 400070262
400072150	30 DAY NOTICE LETTER	LF@2495871 400072150

Total Attach: 19 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	PERMITTING PASSED Commingle was blank and added pad name to Related Forms Corrections approved verbally by Larry Robbins	8/11/2010 10:33:32 AM

Total: 1 comment(s)

Error: Subreport could not be shown.