

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
----	----	----	----

Document Number:

400070431

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: 12B-36D

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

9. Proposed Total Measured Depth: 9030

WELL LOCATION INFORMATION

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

Latitude: 39.484892 Longitude: -108.174811

Footage at Surface: 684 FNL/FSL 911 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 143 FSL 179 FEL/FWL 120 FSL 160 FEL/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	9,030	1,000	9,030	4,030

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 12B-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 19808 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
400070431	FORM 2 SUBMITTED	LF@2495915 400070431
400070442	ACCESS ROAD MAP	LF@2495916 400070442
400070443	MULTI-WELL PLAN	LF@2495917 400070443
400070444	CONST. LAYOUT DRAWINGS	LF@2495918 400070444
400070445	HYDROLOGY MAP	LF@2495919 400070445
400070446	LOCATION DRAWING	LF@2495920 400070446
400070447	LOCATION PICTURES	LF@2495921 400070447
400070448	LOCATION DRAWING	LF@2495922 400070448
400070451	LOCATION DRAWING	LF@2495923 400070451
400070453	DEVIATED DRILLING PLAN	LF@2495924 400070453
400070454	WELL LOCATION PLAT	LF@2495925 400070454
400070455	LEASE MAP	LF@2495926 400070455
400070456	CONST. LAYOUT DRAWINGS	LF@2495927 400070456
400070457	REFERENCE AREA MAP	LF@2495928 400070457
400070458	REFERENCE AREA PICTURES	LF@2495929 400070458
400070459	NRCS MAP UNIT DESC	LF@2495930 400070459
400070461	SURFACE PLAN	LF@2495931 400070461
400070463	TOPO MAP	LF@2495932 400070463
400072169	30 DAY NOTICE LETTER	LF@2495933 400072169

Total Attach: 19 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	PERITTING PASSED Commingle was blank, bhl footages were measured from the wrong section line, added pad name to Related Forms Corrections approved by Larry Robbins verbal	8/11/2010 10:25:29 AM

Total: 1 comment(s)

Error: Subreport could not be shown.