

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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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 ☐

Document Number:

400073444

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: Kelly Huffman Phone: (303)831-3974 Fax: (303)860-5838

Email: khuffman@petd.com

7. Well Name: Rickards Well Number: 41-10H

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

9. Proposed Total Measured Depth: 10711

WELL LOCATION INFORMATION

10. QtrQtr: NENE Sec: 10 Twp: 6N Rng: 61W Meridian: 6

Latitude: 40.509862 Longitude: -104.189252

 Footage at Surface: 48 FNL/FSL 990 FEL/FWL
 FNL FEL

11. Field Name: Krieger Field Number: 47570

12. Ground Elevation: 4709 13. County: WELD

14. GPS Data:

Date of Measurement: 06/17/2010 PDOP Reading: 6.0 Instrument Operator's Name: Jerry R. Harcek

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
 625 FNL 990 FEL 500 FSL 1020 FEL
 Sec: 10 Twp: 6N Rng: 61W Sec: 10 Twp: 6N Rng: 61W
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: 1011 ft

18. Distance to nearest property line: 48 ft 19. Distance to nearest well permitted/completed in the same formation: 5 mi

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.)
Niobrara	NBRR	Pending	640	Section 10

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):
Township 6N, Range 61W, 6th P.M., Seciton 10: W/2, NE/4, SE/4

25. Distance to Nearest Mineral Lease Line: _____ 48 ft _____ 26. Total Acres in Lease: _____ 642 _____

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
SURF	12+1/4	9+5/8	36	400	159	400	0
1ST	8+3/4	7+0/0	26	6,539	809	6,539	600
1ST LINER	6+1/8	4+1/2	11.6	10,321			

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

33. Comments Please note that the spacing order for a 640 acre unit for section 10 is pending. A verbal approval was received for Docket No. 1007-SP-21, Cause No. 407.

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: Kelly Huffman

Title: Contract Land Tech Date: _____ Email: khuffman@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: _____

API NUMBER

05

Permit Number: _____ Expiration Date: _____

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.

Attachment Check List

Att Doc Num	Name	Doc Description
400073477	PLAT	RICKARDS 41-10H 6N61W10 Well Cert.pdf
400073478	TOPO MAP	RICKARDS 41-10H 6N61W10 Topo.pdf
400075274	30 DAY NOTICE LETTER	Rickards 41-10H 30-day notice.pdf
400079544	EXCEPTION LOC REQUEST	Rickards 41-10H PLW Letter to Dir. - PDC.pdf
400079545	EXCEPTION LOC REQUEST	Rickards 41-10H SLW Letter to Director.pdf
400079628	EXCEPTION LOC WAIVERS	Rickards 41-10H PLW.PDF
400079629	EXCEPTION LOC WAIVERS	Rickards 41-10H SLW.PDF
400079656	SURFACE AGRMT/SURETY	Rickards 41-10H SDA Memo.pdf
400079657	DEVIATED DRILLING PLAN	Rickards 41-10H Deviated Drilling Plan.pdf

Total Attach: 9 Files