

State of Colorado
Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80203 Phone: (303) 894-2100 Fax: (303) 894-2109



Document Number:

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Date Received:

PluggingBond SuretyID

20090078

APPLICATION FOR PERMIT TO:

1. ☒ Drill, ☐ Deepen, ☐ Re-enter, ☐ Recomplete and Operate

2. TYPE OF WELL

OIL ☒ GAS ☐ COALBED ☐ OTHER _____

SINGLE ZONE ☒ MULTIPLE ☐ COMMINGLE ☐

Refiling

Sidetrack

3. Name of Operator: PDC ENERGY INC 4. COGCC Operator Number: 69175
5. Address: 1775 SHERMAN STREET - STE 3000
City: DENVER State: CO Zip: 80203
6. Contact Name: Liz Lindow Phone: (303)831-3974 Fax: ()
Email: liz.lindow@pdce.com
7. Well Name: Richter Well Number: 34R-403
8. Unit Name (if appl): _____ Unit Number: _____
9. Proposed Total Measured Depth: 11730

WELL LOCATION INFORMATION

10. QtrQtr: SESE Sec: 27 Twp: 7N Rng: 64W Meridian: 6
Latitude: 40.537660 Longitude: -104.531480
Footage at Surface: 237 feet FNL/FSL 1320 feet FEL/FW
11. Field Name: Wattenberg Field Number: 9075
12. Ground Elevation: 4870 13. County: WELD

- #### 14. GPS Data:

Date of Measurement: 09/04/2012 PDOP Reading: 1.5 Instrument Operator's Name: Wyatt Hall

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						
<u>500</u>		<u>FNL</u>		<u>1320</u>		<u>FEL</u>		<u>500</u>		<u>FSL</u>		<u>1320</u>		<u>FEL</u>			
Sec:	34	Twp:	7N	Rng:	64W	Sec:	34	Twp:	7N	Rng:	64W	Sec:	34	Twp:	7N	Rng:	64W

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: 225 ft
18. Distance to nearest property line: 237 ft 19. Distance to nearest well permitted/completed in the same formation(BHL): 330 ft

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		320	GWA

- | | | | | | | |
|--|---|--|----------------------------------|---------------------------------|----------|-------|
| 21. Mineral Ownership: | <input checked="" type="checkbox"/> Fee | <input type="checkbox"/> State | <input type="checkbox"/> Federal | <input type="checkbox"/> Indian | Lease #: | _____ |
| 22. Surface Ownership: | <input checked="" type="checkbox"/> Fee | <input type="checkbox"/> State | <input type="checkbox"/> Federal | <input type="checkbox"/> Indian | | |
| 23. Is the Surface Owner also the Mineral Owner? | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No | Surface Surety ID#: | | 19990086 | |
| 23a. If 23 is Yes: Is the Surface Owner(s) signature on the lease? | <input type="checkbox"/> Yes | <input type="checkbox"/> No | | | | |
| 23b. If 23 is No: | <input type="checkbox"/> Surface Owners Agreement Attached or <input checked="" type="checkbox"/> \$25,000 Blanket Surface Bond <input type="checkbox"/> \$2,000 Surface Bond <input type="checkbox"/> \$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):

NE/4, E/2SE/4, W/2SE/4 of Section 34 T7N R64W

25. Distance to Nearest Mineral Lease Line: 0 ft

26. Total Acres in Lease: 318

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 28 or 29 are yes, is this location in a sensitive area (Rule 901.e)? ☐ Yes ☒ No

31. Mud disposal: ☒ Offsite ☐ Onsite

If 28, 29, or 30 are "Yes" a pit permit may be required.

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	Wt/Ft	Csg/Liner Top	Setting Depth	Sacks Cmt	Cmt Btm	Cmt Top
SURF	12+1/4	9+5/8	36	0	875	830	875	0
1ST	8+3/4	7	26	0	7,655	650	7,655	50
1ST LINER	6+1/8	4+1/2	11.6	5800	11,730			

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

33. Comments 7" casing string will be cemented to at least 200' above Niobrara and cement coverage will be verified, but not via CBL. Conductor casing will not be used. Operator requests an exception location per rule 318Aa and rule 318Ac: well will not be drilled in a legal drilling window or twinned with an existing well. Waviers attached. Per rule 318Ae, the Operator requests the proposed spacing unit consisting of 320 acres, E2 of Sec 34 T7N R64W. Proposed spacing unit map and 30-day certificate is attached.

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: Liz Lindow

Title: Regulatory Analyst

Date: _____

Email: liz.lindow@pdce.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.

Data retrieval failed for the subreport 'IntPolicy_NTO' located at: W:\netpub\Net\Reports\policy_nto.rdl. Please check th

Attachment Check List

Att Doc Num	Name
400339904	WELL LOCATION PLAT
400339905	DEVIATED DRILLING PLAN
400339906	DIRECTIONAL DATA
400339918	30 DAY NOTICE LETTER
400339919	EXCEPTION LOC WAIVERS
400352658	PROPOSED SPACING UNIT
400352662	EXCEPTION LOC REQUEST

Total Attach: 7 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>

Total: 0 comment(s)

BMP

<u>Type</u>	<u>Comment</u>

Total: 0 comment(s)