

FORM  
2

Rev  
12/05

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:

400322158

Date Received:

09/21/2012

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: Stonebraker Well Number: 28V-234

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

9. Proposed Total Measured Depth: 11326

WELL LOCATION INFORMATION

10. QtrQtr: SENE Sec: 28 Twp: 2N Rng: 64W Meridian: 6

Latitude: 40.111220 Longitude: -104.547680

Footage at Surface: 2000 feet FNL 250 feet FEL

11. Field Name: Wattenberg Field Number: 90750

12. Ground Elevation: 4958 13. County: WELD

14. GPS Data:

Date of Measurement: 06/19/2012 PDOP Reading: 2.0 Instrument Operator's Name: Ben Adsit

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  
1800 FNL 824 FEL 1800 FNL 500 FWL  
Sec: 28 Twp: 2N Rng: 64W Sec: 28 Twp: 2N 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: 320 ft

18. Distance to nearest property line: 250 ft 19. Distance to nearest well permitted/completed in the same formation(BHL): 380 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.)
Niobrara	NBRR		320	GWA

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 mineral lease map.

25. Distance to Nearest Mineral Lease Line: 0 ft

26. Total Acres in Lease: 319

### 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	1,030	730	1,030	0
1ST	8+3/4	7	26	0	7,413	650	7,413	600
1ST LINER	6+1/8	4+1/2	11.6	6203	11,326			

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

33. Comments 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, N2 of Sec 28 T2N R64W. Proposed spacing unit map and 30-day certificate is attached.

34. Location ID: 305083

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: 9/21/2012 Email: liz.lindow@pdce.com

Operator must have a valid water right or permit allowing for industrial use or purchased water from a seller that has a valid water right or permit allowing for industrial use, otherwise an application for a change in type of use is required under Colorado law. Operator must also use the water in the location set forth in the water right decree or well permit, otherwise an application for a change in place of use is required under Colorado law. Section 37-92-103(5), C.R.S. (2011).

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: Matthew Lee Director of COGCC Date: 11/9/2012

#### API NUMBER

05 123 36280 00

Permit Number: \_\_\_\_\_ Expiration Date: 11/8/2014

#### 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)Note surface casing setting depth change from 875' to 1030'. Increase cement coverage accordingly and cement to surface.  
 2)Provide notice of MIRU via an electronic Form 42.  
 3)Comply with Rule 317.i and provide cement coverage from the 7" casing TD to a minimum of 200' above the Niobrara. Verify coverage with a cement bond log.

### **Attachment Check List**

Att Doc Num	Name
400322158	FORM 2 SUBMITTED
400322161	DEVIATED DRILLING PLAN
400322162	WELL LOCATION PLAT
400322163	DIRECTIONAL DATA
400322167	EXCEPTION LOC WAIVERS
400322168	EXCEPTION LOC REQUEST
400322170	PROPOSED SPACING UNIT
400329439	MINERAL LEASE MAP

Total Attach: 8 Files

### **General Comments**

<b><u>User Group</u></b>	<b><u>Comment</u></b>	<b><u>Comment Date</u></b>
Permit	Final review completed.	11/8/2012 6:53:02 AM
Permit	Horizontal well will produce from multiple leases and cross multiple lease lines. Distance to the lease line is 0 feet. Distance to the unit boundary 500'	10/29/2012 7:17:04 AM
Permit	Distance of TOP and to nearest feature changed as per operator.	10/15/2012 6:19:14 AM
Engineer	Evaluated offset wells for adequate cement coverage.	10/1/2012 11:39:37 AM
Permit	Requested review of the TOP of 500 FEL, calculations from Deviated Drilling Plan are closer to 821 FEL, distance to the nearest feature should be the OHE at 320' which doesn't match the 417' given as nearest feature.	9/26/2012 6:24:25 AM
Permit	Operator removed 30-day letter.	9/25/2012 4:49:00 PM
Permit	Return to Draft: 1. 30 day notice letter does not match well name submitted (surface owner also noted different well name for operations consult).	9/25/2012 2:22:03 PM
Permit	Return to Draft: 1. 30 day notice letter does not match well name submitted.	9/24/2012 5:55:26 PM

Total: 8 comment(s)

### **BMP**

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

Total: 0 comment(s)