

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:

400322187

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: 28W-204

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

9. Proposed Total Measured Depth: 11310

WELL LOCATION INFORMATION

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

Latitude: 40.111140 Longitude: -104.547680

Footage at Surface: 2030 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: 1.4 Instrument Operator's Name: Ben Adsit

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

Footage at Top of Prod Zone: 2432 FNL 819 FEL Bottom Hole: 2432 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): 349 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	7,395	650	7,395	600
1ST LINER	6+1/8	4+1/2	11.6	6190	11,310			

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, N2S2 and S2N2 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 36278 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.

TOP changed to 819' and distance to nearest surface feature as per operator request.

Attachment Check List

Att Doc Num	Name
400322187	FORM 2 SUBMITTED
400322197	30 DAY NOTICE LETTER
400322198	EXCEPTION LOC REQUEST
400322199	EXCEPTION LOC WAIVERS
400322200	PROPOSED SPACING UNIT
400322201	WELL LOCATION PLAT
400322202	DEVIATED DRILLING PLAN
400322203	DIRECTIONAL DATA
400329440	MINERAL LEASE MAP

Total Attach: 9 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Final review completed.	11/8/2012 6:52:07 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 is 500'	10/29/2012 7:18:40 AM
Permit	TOP distance 500 FEL calculates 819 FEL. Distance to nearest ... should be the OHE to the east @ 320'. Requested verification.	10/11/2012 6:58:04 AM
Engineer	Evaluated offset wells for adequate cement coverage.	10/1/2012 11:17:04 AM
Permit	The TOP FEL says 500' but calculates 819 FEL. Distance to the nearest should be the OHE to the east @ about 320'. Must request verification.	9/25/2012 10:13:39 AM

Total: 5 comment(s)

BMP

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

Total: 0 comment(s)