



Document Number:  
 400393566  
 Date Received:  
 04/05/2013  
 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: Alm Well Number: 33U-234  
 8. Unit Name (if appl): \_\_\_\_\_ Unit Number: \_\_\_\_\_  
 9. Proposed Total Measured Depth: 11440

**WELL LOCATION INFORMATION**

10. QtrQtr: NENE Sec: 33 Twp: 7N Rng: 65W Meridian: 6  
 Latitude: 40.535470 Longitude: -104.660020  
 Footage at Surface: 908 feet FNL 330 feet FEL  
 11. Field Name: Wattenberg Field Number: 90750  
 12. Ground Elevation: 4792 13. County: WELD

14. GPS Data:  
 Date of Measurement: 01/28/2013 PDOP Reading: 1.7 Instrument Operator's Name: Brian Rottinghaus

15. If well is  Directional  Horizontal (highly deviated) **submit deviated drilling plan.**  
 Footage at Top of Prod Zone: 236 FNL 816 FEL Bottom Hole: 253 FNL 500 FWL  
 Sec: 33 Twp: 7N Rng: 65W Sec: 33 Twp: 7N Rng: 65W

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: 304 ft  
 18. Distance to nearest property line: 330 ft 19. Distance to nearest well permitted/completed in the same formation(BHL): 406 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:  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):  
 NE/4 of Sec 33 T7N R65W 6th PM; horizontal wellbore crosses multiple leases within drilling and spacing unit: distance to mineral lease is 0'; distance to unit boundary 500'.  
 25. Distance to Nearest Mineral Lease Line: 0 ft 26. Total Acres in Lease: 160

**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	7,508	650	7,508	500
1ST LINER	6+1/8	4+1/2	11.6	6306	11,440			

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, around 500' from surface. CBL will only be run in the vertical section of the wellbore. 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. Waivers attached. Per rule 318Ae, the Operator requests the proposed spacing unit consisting of 320 acres, N2N2 of Sec 33 and S2S2 of Sec 28 T7N R65W. 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: 4/5/2013 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** Permit Number: \_\_\_\_\_ Expiration Date: \_\_\_\_\_  
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**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.**

\_\_\_\_\_

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### Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
400393566	FORM 2 SUBMITTED
400393606	WELL LOCATION PLAT
400393607	DEVIATED DRILLING PLAN
400400810	OFFSET WELL EVALUATION
400400811	PROPOSED SPACING UNIT
400400812	30 DAY NOTICE LETTER
400400813	EXCEPTION LOC REQUEST
400400814	EXCEPTION LOC WAIVERS
400401904	DIRECTIONAL DATA

Total Attach: 9 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)