

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:

400390891

Date Received:

03/13/2013

PluggingBond SuretyID

20090078

APPLICATION FOR PERMIT TO:

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

2. TYPE OF WELL

OIL ☒ GAS ☐ COALBED ☐ OTHER re-plug
 SINGLE ZONE ☐ MULTIPLE ☐ COMMINGLE ☐

Refiling ☐Sidetrack ☐3. Name of Operator: PDC ENERGY INC4. COGCC Operator Number: 691755. Address: 1775 SHERMAN STREET - STE 3000City: DENVER State: CO Zip: 802036. Contact Name: Jenifer Hakkarinen Phone: (303)8605800 Fax: (303)8605838Email: Jenifer.Hakkarinen@pdce.com7. Well Name: Goodell Well Number: 1

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

9. Proposed Total Measured Depth: 8115

WELL LOCATION INFORMATION

10. QtrQtr: NENE Sec: 21 Twp: 7N Rng: 66W Meridian: 6Latitude: 40.565132 Longitude: -104.776973

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

11. Field Name: Wildcat Field Number: 9999912. Ground Elevation: 4961 13. County: WELD

14. GPS Data:

Date of Measurement: 01/01/1999 PDOP Reading: 6.0 Instrument Operator's Name: PDC Energy15. 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

Sec: _____ Twp: _____ Rng: _____ Sec: _____ Twp: _____ Rng: _____

16. Is location in a high density area? (Rule 603b)? ☐ Yes ☒ No17. Distance to the nearest building, public road, above ground utility or railroad: 75018. Distance to nearest property line: 990 ft 19. Distance to nearest well permitted/completed in the same formation(BHL): 5280

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.)
J Sand	JSND		160	320

21. Mineral Ownership: ☒ Fee ☐ State ☐ Federal ☐ Indian Lease #: _____22. Surface Ownership: ☒ Fee ☐ State ☐ Federal ☐ Indian23. 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 ☐ No23b. 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 21 7N 66W 6PM

25. Distance to Nearest Mineral Lease Line: 990 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: No mud system will be used

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	8+5/8	24	0	229	150	229	0
1ST	7+7/8	4+1/2	11.6	0	8,105	250	8,105	7,105

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

33. Comments 1972 vintage borehole, D&A in 1972. PDC Energy proposed to re-enter and properly plug according to BMP. GPS operator and data fabricated to get this form to enter, as built measurement to be collected when casing stub is located. This well is being re-entered and re-plugged in accordance with the COA for PDC's Thornton wells in 21 7N 66W. In the event the plugging operation fails based on the hole's current condition or contents PDC will ensure the plugging of this well in a manner equal to or better than its current condition

34. Location ID: 405994

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: Jenifer Hakkarinen

Title: Regulatory Tech

Date: 3/13/2013

Email: Jenifer.Hakkarinen@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: 4/4/2013

API NUMBER

05 123 07417 00

Permit Number: _____ Expiration Date: 4/3/2015

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.

As drilled GPS data is required for the form 6 Notice of Intent.

During the plugging operations cement shall be provided or confirmed (with CBL) across and to 200' above the Niobrara formation. The Niobrara top appears to be about 7180'. Cement shall also be provided from 650' to at least 50' above the surface casing shoe with a surface plug to isolate all ground water.

Attachment Check List

Att Doc Num	Name
400390891	FORM 2 SUBMITTED

Total Attach: 1 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Form 4 for re-plug submitted and approved. Ready to pass.	3/28/2013 7:44:43 AM
Permit	Corrected lease description to NE sec 21 per operator. Operator confirmed animal hospital at 750' Operator confirmed no wells in the same formation within one mile. On hold for submittal of form 4.	3/27/2013 10:23:16 AM
Engineer	Requested the required Form 4 from the operator.	3/20/2013 7:45:58 AM
Permit	Lease is described as NENE sec 21 which would be 40 acres. Did operator mean NE sec 21? It looks like there is a building about 750' NNW of the wellbore. Asked for operator confirmation. Asked for confirmation that there are no wells completed in the same formation within a mile.	3/19/2013 9:54:54 AM
Permit	Well is being re-plugged as offset to potential horizontal well. Has passed completeness.	3/14/2013 1:59:03 PM

Total: 5 comment(s)

BMP

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

Total: 0 comment(s)