

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:

400369969

Date Received:

01/15/2013

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 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: Smartt Ranch Well Number: 33-2

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

9. Proposed Total Measured Depth: 5000

WELL LOCATION INFORMATION

10. QtrQtr: NWSE Sec: 2 Twp: 22S Rng: 49W Meridian: 6Latitude: 38.164470Longitude: -102.874690

Footage at Surface: 2340 feet FNL/FSL 1416 feet FEL/FWL FEL

11. Field Name: Wildcat Field Number: 9999912. Ground Elevation: 3934 13. County: BENT

14. GPS Data:

Date of Measurement: 04/26/2011 PDOP Reading: 1.3 Instrument Operator's Name: Holly Tracy15. 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: 2323 ft18. Distance to nearest property line: 1416 ft 19. Distance to nearest well permitted/completed in the same formation(BHL): 5000 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.)
Cherokee	CHRK	N/A	640	All
Kansas City	KSSC	N/A	640	All
Lansing	LNSNG	N/A	640	All
Marmaton	MRTN	N/A	640	All
Morrow	MRRW	N/A	640	All
Topeka	TOPK	N/A	640	All

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):

Township 22 South, Range 49 West, 6th P.M. Section 2:N/2, SE/4

25. Distance to Nearest Mineral Lease Line: 1223 ft 26. Total Acres in Lease: 480

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

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	8+5/8	24	0	829	300	829	0
1ST	7+7/8	4+1/2	11.6	0	4,904	307	4,904	0

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

33. Comments The Smartt Ranch will be a vertical location located in the NWSE of a 640 Acre unit. No conductor casing will be set. A form 2A is not required since no new pits will be dug and the surface disturbance will not increase beyond its original size.

34. Location ID: 420166

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 Analyst Date: 1/15/2013 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: 2/7/2013

API NUMBER

05 011 06194 00

Permit Number: _____ Expiration Date: 2/6/2015

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.

Applicable Policies and Notices to Operators

Notice Concerning Operating Requirements for Wildlife Protection.

Attachment Check List

Att Doc Num	Name
400369969	FORM 2 SUBMITTED

Total Attach: 1 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Final review completed; no public comment received. LGD has posted a comment stating that prior to any activity or movement on this well, the Bent County Land Use Office must be notified.	2/7/2013 6:21:01 AM
LGD	Bent County requires that the Land Use Office be contacted prior to any activity or movement for this well location be made.	1/18/2013 11:45:07 AM
Permit	Operator posted comment that states that no new pits will be dug and the surface disturbance will not increase beyond its original size.	1/18/2013 9:41:45 AM
Public	Bent County must be contacted prior to any movement into or out of the county well sites. Please contact Ronda Bucholz in the Land Use Office at (719) 456 -2223; for all the requirements to be met.	1/17/2013 4:03:27 PM
Public	Bent County must be contacted prior to any movement into or out of the county well sites. Please contact Ronda Bucholz in the Land Use Office at (719) 456 -2223; for all the requirements to be met.	1/17/2013 4:03:26 PM
Permit	Received form 4 recomplete process and wellbore diagram.	1/17/2013 12:41:10 PM
Permit	Operator corrected plugging bond. This form has passed completeness.	1/17/2013 11:50:09 AM
Permit	back to draft: 1) plugging bond req'd.	1/16/2013 9:11:42 AM

Total: 8 comment(s)

BMP

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

Total: 0 comment(s)