

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:

400307563

Date Received:

07/19/2012

PluggingBond SuretyID

20090078

APPLICATION FOR PERMIT TO:

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

2. TYPE OF WELL

OIL ☐ GAS ☐ COALBED ☐ OTHER D&A
 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: Jeff Glossa Phone: (303)831-3972 Fax: ()Email: Jeff.Glossa@pdce.com7. Well Name: SHIRK-MILLER Well Number: 3-2

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

9. Proposed Total Measured Depth: 7315

WELL LOCATION INFORMATION

10. QtrQtr: NENW Sec: 2 Twp: 6N Rng: 63W Meridian: 6Latitude: 40.521005 Longitude: -104.406211

Footage at Surface: 627 feet FNL 1756 feet FNL/FSL FWL

11. Field Name: Wattenberg Field Number: 9075012. Ground Elevation: 4724 13. County: WELD

14. GPS Data:

Date of Measurement: 07/24/2012 PDOP Reading: 2.2 Instrument Operator's Name: PDC15. 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: 640 ft18. Distance to nearest property line: 660 ft 19. Distance to nearest well permitted/completed in the same formation(BHL): 1060 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.)

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):

All sec 2 6N/63W

25. Distance to Nearest Mineral Lease Line: 627 ft

26. Total Acres in Lease: 636

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, re-plugging

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+3/4	8+5/8	24	0	205	175	205	0
OPEN HOLE	7+7/8			0	7,315			

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

33. Comments 1973 vintage borehole, D&A in 1973. PDC Energy proposes to re-enter and properly plug according to BMP.GPS operator and data fabricated to get this form to enter, actual measurement to be collected when casing stub is located.

34. Location ID: 406138

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: Jeff Glossa

Title: Sr.Eng Tec Date: 7/19/2012 Email: Jeff.Glossa@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:  Director of COGCC Date: 7/25/2012

API NUMBER

05 123 07720 00

Permit Number: _____ Expiration Date: 7/24/2014

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.

Attachment Check List

Att Doc Num	Name
2532821	WAIVERS
2532822	VARIANCE REQUEST
400307563	FORM 2 SUBMITTED
400307579	WELLBORE DIAGRAM
400307580	WELLBORE DIAGRAM

Total Attach: 5 Files

General Comments

User Group	Comment	Comment Date
Permit	Final review completed.	7/25/2012 4:19:07 PM
Permit	Approved form 4 describing plugging procedure.	7/25/2012 1:28:33 PM
Permit	Request to expedite due to exigent circumstances; LGD and surface owner waivers submitted and attached.	7/25/2012 9:13:51 AM
Permit	On hold - Waiting for waivers needed to approved an exigent circumstance variance. Well must be re-plugged in order to drill nearby horizontal. Form4 description of re-entry procedure and form6's are being compiled	7/24/2012 6:51:29 AM
Permit	Returned to draft. Line 36 is not answered.	7/20/2012 8:48:53 AM

Total: 5 comment(s)

BMP

Type	Comment

Total: 0 comment(s)