

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:

400405541

Date Received:

## 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

PluggingBond SuretyID

20090078

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: Anderson Well Number: 34M-403

8. Unit Name (if appl): \_\_\_\_\_ Unit Number: \_\_\_\_\_

9. Proposed Total Measured Depth: 11816

## WELL LOCATION INFORMATION

10. QtrQtr: NENW Sec: 34 Twp: 7N Rng: 66W Meridian: 6

Latitude: 40.537730 Longitude: -104.765360

Footage at Surface: 346 feet FNL 2461 feet FWL

11. Field Name: Eaton Field Number: 19350

12. Ground Elevation: 4915 13. County: WELD

### 14. GPS Data:

Date of Measurement: 03/28/2013 PDOP Reading: 1.6 Instrument Operator's Name: Tom Carlson

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

Footage at Top of Prod Zone: 734 FNL 2422 FWL Bottom Hole: 500 FSL 2600 FWL  
Sec: 34 Twp: 7N Rng: 66W Sec: 34 Twp: 7N Rng: 66W

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: 471 ft

18. Distance to nearest property line: 316 ft 19. Distance to nearest well permitted/completed in the same formation(BHL): 334 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.)
Codell	CODL		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):  
 NENW of Sec 34 T7N R66W: Horizontal wellbore crosses multiple lease lines within drilling and spacing unit. Distance to mineral lease line is 0'. Distance to unit boundary is 500'. Operator certifies it holds all leases along the wellbore.

25. Distance to Nearest Mineral Lease Line: 0 ft                      26. Total Acres in Lease: 30

**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	7,929	650	7,929	500
1ST LINER	6+1/8	4+1/2	11.6	6614	11,816			

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, E2W2 and W2E2 of Sec 34 T7N R66W. Proposed spacing unit map and 30-day certificate is attached. Distance to nearest well measured by Anti-Collision Report in the Deviated Drilling Plan.

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: \_\_\_\_\_                      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: \_\_\_\_\_

<b>API NUMBER</b>	Permit Number: _____	Expiration Date: _____
05	<b>CONDITIONS OF APPROVAL, IF ANY:</b>	

**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.**

\_\_\_\_\_

Data retrieval failed for the subreport 'rptPolicy\_NTC' located at: W:\mstrub\Net\Reports\policy\_ntr.rdl. Please check th

### Attachment Check List

Att Doc Num	Name
400409153	PROPOSED SPACING UNIT
400409154	WELL LOCATION PLAT
400420837	30 DAY NOTICE LETTER
400420838	EXCEPTION LOC REQUEST
400420839	EXCEPTION LOC WAIVERS
400420840	DEVIATED DRILLING PLAN
400420841	DIRECTIONAL DATA
400433792	OFFSET WELL EVALUATION

Total Attach: 8 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)