

FORM

2

Rev  
12/05

## State of Colorado

## Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80205 Phone: (303) 894-2100 Fax: (303) 894-2109



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## APPLICATION FOR PERMIT TO:

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

## 2. TYPE OF WELL

 OIL  GAS  COALBED  OTHER \_\_\_\_\_  
 SINGLE ZONE  MULTIPLE ZONE  COMMINGLE ZONE 
Refiling Sidetrack 

Document Number:

400064141

Plugging Bond Surety

20090078

3. Name of Operator: PETROLEUM DEVELOPMENT CORPORATION 4. COGCC Operator Number: 691755. Address: 1775 SHERMAN STREET - STE 3000City: DENVER State: CO Zip: 802036. Contact Name: Kelly Huffman Phone: (303)831-3974 Fax: (303)860-5838Email: khuffman@petd.com7. Well Name: Schaefer Well Number: 7RD

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

9. Proposed Total Measured Depth: 7496

## WELL LOCATION INFORMATION

10. QtrQtr: NWNE Sec: 7 Twp: 6N Rng: 66W Meridian: 6Latitude: 40.508760 Longitude: -104.818600
 Footage at Surface: 165 FNL 1926 FEL  
FNL/FSL FEL/FWL
11. Field Name: Eaton Field Number: 1935012. Ground Elevation: 4880 13. County: WELD

## 14. GPS Data:

Date of Measurement: 04/27/2010 PDOP Reading: 6.0 Instrument Operator's Name: Thomas G. Carlson15. If well is  Directional  Horizontal (highly deviated) **submit deviated drilling plan.**Footage at Top of Prod Zone: 25 FNL 1444 FEL Bottom Hole: 25 FNL 1444 FELSec: 7 Twp: 6N Rng: 66W Sec: 7 Twp: 6N Rng: 66W16. Is location in a high density area? (Rule 603b)?  Yes  No17. Distance to the nearest building, public road, above ground utility or railroad: 165 ft18. Distance to nearest property line: 165 ft 19. Distance to nearest well permitted/completed in the same formation: 518 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.)
Niobrara Codell	NB-CD	407-87	160	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#: 19990086

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 Bon  \$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 6 North, Range 66 West, 6th P M Section 7: E/2

25. Distance to Nearest Mineral Lease Line: 25 ft 26. Total Acres in Lease: 330

### 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 27 or 28 are yes, is this location in a sensitive area (Rule 903)?  Yes  No **If 28, 29, or 30 are "Yes" a pit permit may be required.**

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	Weight Per Foot	Setting Depth	Sacks Cement	Cement Bottom	Cement Top
SURF	12+1/4	8+5/8	24	650	390	650	0
1ST	7+7/8	4+1/2	10.5	7,496	193	7,496	6,096

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

33. Comments Conductor casing will not be used. The Schaefer 7RD well will be drilled from the same pad as the Schaefer 41-7D, 7CD, 31-7D and 7MD wells. The well will be tied into a tank battery facility located on site.

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: Kelly Huffman

Title: Contract Land Technician Date: 7/29/2010 Email: khuffman@petd.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.

### **Attachment Check List**

Att Doc Num	Name	Doc Description
400064161	PLAT	Schaefer 7RD Plat.pdf
400064162	TOPO MAP	Schaefer 7RD Topo.pdf
400076828	30 DAY NOTICE LETTER	Schaefer 7 E2, 30-day notice.pdf
400076829	EXCEPTION LOC WAIVERS	Schaefer 7 E2, SLW.pdf
400076830	EXCEPTION LOC REQUEST	Schaefer 7-NWNE SLW Letter to Director.pdf
400076831	DEVIATED DRILLING PLAN	Schaefer 7RD Deviated Drilling Plan.pdf
400076832	UNIT CONFIGURATION MAP	Schaefer 7RD BHL Map.pdf
400076849	CORRESPONDENCE	Schaefer 7RD, 20-Day 318Ae Certification to Dir.pdf

Total Attach: 8 Files