

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:  
1758050  
Plugging Bond Surety  
20010013

3. Name of Operator: PETROLEUM DEVELOPMENT CORPORATION 4. COGCC Operator Number: 69175

5. Address: 1775 SHERMAN STREET - SUITE 3000  
City: DENVER State: CO Zip: 80203

6. Contact Name: CARRIE EGGLESTON Phone: (303)860-5800 Fax: (303)860-5838  
Email: CEGGLESTON@PETD.COM

7. Well Name: WELLS RANCH Well Number: 34-12

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

9. Proposed Total Measured Depth: 6600

WELL LOCATION INFORMATION

10. QtrQtr: SWSE Sec: 12 Twp: 5N Rng: 63W Meridian: 6  
Latitude: 40.408440 Longitude: -104.381920

Footage at Surface: 662 FNL/FSL FSL 1788 FEL/FWL FEL

11. Field Name: WATTENBERG Field Number: 90750

12. Ground Elevation: 4622 13. County: WELD

14. GPS Data:

Date of Measurement: 01/08/2009 PDOP Reading: 6.0 Instrument Operator's Name: THOMAS G. CARLSON PLS 24657

15. 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  No

17. Distance to the nearest building, public road, above ground utility or railroad: 772 ft

18. Distance to nearest property line: 662 ft 19. Distance to nearest well permitted/completed in the same formation: 1300 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	407-87	80	W2SE4
NIOBRARA	NBRR	407-87	80	W2SE4

21. Mineral Ownership:  Fee  State  Federal  Indian Lease #: COC72477  
 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 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):  
 SE, SEC. 12, T5N, R63W, 6TH PM  
 25. Distance to Nearest Mineral Lease Line: 662 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 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	500	350	500	0
1ST	7+7/8	4+1/2	10.5	6,600	200	6,600	500

32. BOP Equipment Type:  Annular Preventer  Double Ram  Rotating Head  None  
 33. Comments NO CONDUCTOR CASING WILL BE USED. (PER PHONE WITH C. EGGLESTON)

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: JAMES R. SCHAFF  
 Title: VICE PRESIDENT LAND Date: 7/27/2009 Email: jschaff@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: David S. Nashin Director of COGCC Date: 10/20/2009

**API NUMBER**  
 05 123 30708 00

Permit Number: \_\_\_\_\_ Expiration Date: 10/19/2011

**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.**

1) Provide 24 hr notice of spud to Ed Binkley at 970-506-9834 or e-mail at ed.binkley@state.co.us . 2) Set surface casing 500' minimum, per Rule 317d, cement to surface. Setting surface casing less than the approved depth is a permit violation unless prior written approval is obtained from the COGCC. 3) If completed, provide cement coverage from TD to a minimum of 200' above Niobrara. Verify coverage with cement bond log. 4) If dry hole, 40 sks cement 50' above Niobrara top, 50 sks cement ½ out, ½ in surface casing, 10 sks cement top of surface casing, cut 4' below GL, weld on plate, 5 sks cement in rat hole 5 sks cement in mouse hole. Restore surface location.

### **Attachment Check List**

Att Doc Num	Name	Doc Description
1302946	ACCESS ROAD MAP	LF@2110583 1302946
1302947	SURFACE AGRMT/SURETY	LF@2110582 1302947
1302948	TOPO MAP	LF@2110578 1302948
1758064	WELL LOCATION PLAT	LF@2110519 1758064
1758065	TOPO MAP	LF@2110580 1758065
1758066	MINERAL LEASE MAP	LF@2110576 1758066
1758067	SURFACE AGRMT/SURETY	LF@2110520 1758067
1758068	FED. DRILLING PERMIT	LF@2110521 1758068
400012559	APD ORIGINAL	LF@2110518 400012559

Total Attach: 9 Files