

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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Document Number:  
400073101

Plugging Bond Surety  
20090078

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

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

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

6. Contact Name: Kelly Huffman Phone: (303)831-3974 Fax: (303)860-5838  
Email: khuffman@petd.com

7. Well Name: LAJCO Well Number: 17ND

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

9. Proposed Total Measured Depth: 7508

WELL LOCATION INFORMATION

10. QtrQtr: SENE Sec: 17 Twp: 4N Rng: 67W Meridian: 6

Latitude: 40.316440 Longitude: -104.910100

Footage at Surface: 1366 FNL 1172 FEL  
FNL/FSL FEL/FWL

11. Field Name: Wattenberg Field Number: 90750

12. Ground Elevation: 4790 13. County: WELD

14. GPS Data:

Date of Measurement: 04/16/2010 PDOP Reading: 1.2 Instrument Operator's Name: Michael Chad Dilka

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

Footage at Top of Prod Zone: 1328 FNL 2420 FEL Bottom Hole: 1328 FNL 2420 FEL  
FNL/FSL FEL/FWL  
 Sec: 17 Twp: 4N Rng: 67W Sec: 17 Twp: 4N Rng: 67W

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: 1010 ft

18. Distance to nearest property line: 958 ft 19. Distance to nearest well permitted/completed in the same formation: 710 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	NBCD	407-87	160	W/2NE, E/2NW

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 4 North, Range 67 West, 6th P.M. Section 17: All that part of the NE/4 lying North and West of the Great Western Railroad tracts, less & except a strip of land in the E/2 situated adjacent to the centerline of the section being 92.69 feet, more or less, on the North line and 151 feet, more or less, on the South line; That certain parcel of land situated in the NE/4 described in deed from Michael McLaughlin, et ux to the Northern Construction Company dated February 20, 1905 and recorded February 23, 1905 in Book 73, Page 282, Records of Weld County, Colorado; A strip of land in the NE/4 situate adjacent to the centerline of the section being 92.69 feet, more or less, on the North line and 151 feet, more or less, on the South line; That part of the NE/4 lying South and East of the Great Western Railroad right-of-way

25. Distance to Nearest Mineral Lease Line: 69 ft 26. Total Acres in Lease: 542

### 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
S.C. 1.1	7+7/8	4+1/2	10.5	7,508	195	7,508	6,108

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

33. Comments Conductor casing will not be used. The LAJCO 17ND will be drilled from the same pad as the LAJCO 17C, 17RD and 17SD. The well will be tied into a tank battery facility located at the well site which will also service the Comings 17-3 and 17-4 wells.

34. Location ID: 302671

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 Tech Date: \_\_\_\_\_ 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: \_\_\_\_\_

**API NUMBER**

05

Permit Number: \_\_\_\_\_ Expiration Date: \_\_\_\_\_

**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	Doc Description
400073105	PLAT	LAJCO 17ND Plat.pdf
400073106	DEVIATED DRILLING PLAN	LAJCO 17ND Deviated Drilling Plan.pdf
400073108	UNIT CONFIGURATION MAP	Lajco 17ND BHL Map.pdf
400073109	30 DAY NOTICE LETTER	LAJCO NE-17 30 Day Notice.pdf
400073110	EXCEPTION LOC WAIVERS	LAJCO NE-17 SLW.pdf
400073400	EXCEPTION LOC REQUEST	LAJCO NE-17 SLW Letter to Director.pdf
400073401	CORRESPONDENCE	LAJCO 17ND 20-Day 318Ae Certification to Dir.pdf
400073405	TOPO MAP	Lajco 17ND Topo.pdf

Total Attach: 8 Files