

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:
400001962
Plugging Bond Surety
20010031

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: Sarah Garrett Phone: (303)860-5800 Fax: (303)860-5838
Email: sgarrett@petd.com

7. Well Name: Bernhardt Well Number: 13T

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

9. Proposed Total Measured Depth: 7850

WELL LOCATION INFORMATION

10. QtrQtr: SWSE Sec: 13 Twp: 4N Rng: 67W Meridian: 6
Latitude: 40.304920 Longitude: -104.834830

Footage at Surface: 155 FNL/FSL FSL 1427 FEL/FWL FEL

11. Field Name: Wattenberg Field Number: 90750

12. Ground Elevation: 4720 13. County: WELD

14. GPS Data:

Date of Measurement: 05/14/2008 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: 285 ft

18. Distance to nearest property line: 155 ft 19. Distance to nearest well permitted/completed in the same formation: 763 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.)
J-Sand	JSND		160	GWA
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):
T4N-R67W: Sec. 13-SE/4; Sec. 24-NE/4

25. Distance to Nearest Mineral Lease Line: 1230 ft 26. Total Acres in Lease: 321

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	400	240	400	0
1ST	7+7/8	4+1/2	10.5	7,850	200	7,850	6,350
S.C. 1.1	7+7/8	4+1/2	10.5	6,350	450	6,350	0

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

33. Comments Conductor casing will not be used. PDC certifies that the surface use and lease information have not changed from the original permit.

34. Location ID: 302297

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: Sarah Garrett

Title: Landman Date: 8/6/2009 Email: sgarrett@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. Nash Director of COGCC Date: 9/29/2009

API NUMBER: **05 123 28094 00** Permit Number: _____ Expiration Date: 9/28/2011

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 hour notice of MIRU to Ed Binkley at 970-506-9834 or e-mail at ed.binkley@state.co.us 2) Comply with Rule 317.i and provide cement coverage from TD to a minimum of 200' above Niobrara and from 200' below Shannon to 200' above Shannon. Verify coverage with cement bond log.

Use of a closed loop system or lining of drilling pit is required due to shallow groundwater.

Attachment Check List

Att Doc Num	Name	Doc Description
400002220	30 DAY NOTICE LETTER	Bernhardt 13-T_Not Ltr_Refile_with proof.pdf
400002524	WELL LOCATION PLAT	Bernhardt 13T Location Plat.pdf
400002531	EXCEPTION LOC REQUEST	Bernhardt 13T Location Exception Waiver Letter 2.pdf
400002532	EXCEPTION LOC WAIVERS	Bernhardt 13-T_318AE waiver_Revised 072909_scan.pdf
400002543	PROPOSED SPACING UNIT	Bernhardt 13T 20-Day Notice Letter.pdf

Total Attach: 5 Files