

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:

400094537

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: Binder Well Number: 10KDU

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

9. Proposed Total Measured Depth: 7541

WELL LOCATION INFORMATION

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

Latitude: 40.327540 Longitude: -104.877190

Footage at Surface: 2397 FNL/FSL FNL 2624 FEL/FWL FWL

11. Field Name: Wattenberg Field Number: 90750

12. Ground Elevation: 4780 13. County: WELD

14. GPS Data:

Date of Measurement: 10/07/2008 PDOP Reading: 6.0 Instrument Operator's Name: Thomas G. Carlson

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

2610 FNL 1316 FWL 2610 FNL 1316 FWL

Sec: 10 Twp: 4N Rng: 67W Sec: 10 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: 250 ft

18. Distance to nearest property line: 258 ft 19. Distance to nearest well permitted/completed in the same formation: 1150 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#: _____

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 10: N/2

25. Distance to Nearest Mineral Lease Line: 23 ft 26. Total Acres in Lease: 320

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	500	650	0
1ST	7+7/8	4+1/2	10.5	7,541	525	7,541	0

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

33. Comments Conductor casing will not be used. The Binder 10KDU will be drilled from the same pad as the Binder 10-OU, Binder 10SDU, Binder 32-10DU, Binder 22-10DU, Binder 10CDU and Binder 10NDU which are all previously permitted wells. The Binder 10KDU has been added to this multi-well pad per the request of the surface owner.
 Proposed GWA Unit Configuration: S/2NW, N/2SW ; Petroleum Development Corporation requests approval of a Rule 318Aa and Rule 318Ac exception location: Wellhead is to be located outside of a GWA drilling window and will be located more than 50' from an existing well location.

34. Location ID: 415249

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: Permit Specialist Date: 10/4/2010 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: David S. Neslin Director of COGCC Date: 10/31/2010

API NUMBER
05 123 31015 00

Permit Number: _____ Expiration Date: 10/30/2012

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 Bo Brown at 970-397-4124 or e-mail at bo.brown@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 Sussex. Verify coverage with cement bond log.
- 3) Comply with Rule 321. Run and submit Directional Survey from TD to base of surface casing. Ensure that the wellbore complies with setback requirements in commission orders or rules prior to producing the well.

Attachment Check List

Att Doc Num	Name	Doc Description
400094537	FORM 2 SUBMITTED	LF@2597608 400094537
400094559	PROPOSED SPACING UNIT	LF@2597609 400094559
400094560	PLAT	LF@2597610 400094560
400094561	EXCEPTION LOC REQUEST	LF@2597611 400094561
400094562	PROPOSED SPACING UNIT	LF@2597612 400094562
400096621	DEVIATED DRILLING PLAN	LF@2597613 400096621
400097123	30 DAY NOTICE LETTER	LF@2597614 400097123
400097126	EXCEPTION LOC WAIVERS	LF@2597615 400097126

Total Attach: 8 Files

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