

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:

400064005

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: Chesnut Well Number: 22KD

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

9. Proposed Total Measured Depth: 7095

WELL LOCATION INFORMATION

10. QtrQtr: NESW Sec: 22 Twp: 5N Rng: 64W Meridian: 6Latitude: 40.383830 Longitude: -104.536910
 Footage at Surface: 2293 FNL/FSL FSL 2351 FEL/FWL FWL
11. Field Name: Wattenberg Field Number: 9075012. Ground Elevation: 4600 13. County: WELD

14. GPS Data:

Date of Measurement: 04/08/2010 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: FNL/FSL _____ FEL/FWL _____ Bottom Hole: FNL/FSL _____ FEL/FWL _____

2647 FSL 1331 FWL 2647 FSL 1331 FWLSec: 22 Twp: 5N Rng: 64W Sec: 22 Twp: 5N Rng: 64W16. Is location in a high density area? (Rule 603b)? Yes No17. Distance to the nearest building, public road, above ground utility or railroad: 233 ft18. Distance to nearest property line: 185 ft 19. Distance to nearest well permitted/completed in the same formation: 436 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	S/2NW, N/2SW

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 5 North, Range 64 West, 6th P.M., Section 22: E/2SW/4

25. Distance to Nearest Mineral Lease Line: 11 ft 26. Total Acres in Lease: 80

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	7,095	126	7,095	5,695

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

33. Comments Conductor casing will not be used. The Chesnut 22KD will be drilled from the same pad as the Chesnut 22OD, 22BD and 22PD. The well will be tied into an existing tank battery facility which currently services the Chesnut 22-23 and 22-24 wells.

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: _____ 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
400064008	PLAT	Chesnut 22KD Plat.pdf
400064009	TOPO MAP	Chesnut 22KD, TOPO.pdf
400064010	UNIT CONFIGURATION MAP	Chesnut 22KD BHL Map.pdf
400067484	EXCEPTION LOC REQUEST	ChesnutSW-22 SLW Request to Director.pdf
400067485	DEVIATED DRILLING PLAN	Chesnut 22KD Deviated Drilling Plan.pdf
400067486	CORRESPONDENCE	Chesnut 22KD 20-Day 318Ae Certification to Dir.pdf
400070929	30 DAY NOTICE LETTER	Chesnut Notice Letter 6-16.pdf
400070930	EXCEPTION LOC WAIVERS	Chesnut SLW and POA.pdf

Total Attach: 8 Files