

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:

400009720

Plugging Bond Surety

20090078

3. Name of Operator: PETROLEUM DEVELOPMENT CORPORATION 4. COGCC Operator Number: 691755. Address: 1775 SHERMAN STREET - SUITE 3000City: DENVER State: CO Zip: 802036. Contact Name: Sarah Garrett Phone: (303)860-5800 Fax: (303)860-5838Email: sgarrett@petd.com7. Well Name: Cozzens Well Number: 31-8D

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

9. Proposed Total Measured Depth: 7662

WELL LOCATION INFORMATION

10. QtrQtr: NENE Sec: 8 Twp: 6N Rng: 65W Meridian: 6Latitude: 40.507250 Longitude: -104.679720Footage at Surface: 504 FNL/FSL FNL 496 FEL/FWL FEL11. Field Name: EATON Field Number: 1935012. Ground Elevation: 4780 13. County: WELD

14. GPS Data:

Date of Measurement: 07/23/2008 PDOP Reading: 6.0 Instrument Operator's Name: Thomas G Carlson PLS 2465715. 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

684 FNL 1984 FEL 684 FNL 1984 FELSec: 8 Twp: 6N Rng: 65W Sec: 8 Twp: 6N Rng: 65W16. Is location in a high density area? (Rule 603b)? Yes No17. Distance to the nearest building, public road, above ground utility or railroad: 47918. Distance to nearest property line: 496 19. Distance to nearest well permitted/completed in the same formation: 1405

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	80	N2NE
Sussex/Shannon	SXSN	N/A	80	N2NE

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):
Part of the NE/4, Sec. 8, T6N, R65W

25. Distance to Nearest Mineral Lease Line: 496 26. Total Acres in Lease: 88

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	300	500	0
1ST	7+7/8	4+1/2	10.5	7,400	200	7,400	3,000

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

33. Comments Conductor casing will not be used. Well will be on the same pad as the following: Cozzens 31-8D, 41-8, 8CD, 42-8D, 8WD, 8VD.

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: Sarah Garrett

Title: Landman Date: _____ 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: _____ Director of COGCC Date: _____

API NUMBER	Permit Number: _____	Expiration Date: _____
05	CONDITIONS OF APPROVAL, IF ANY:	

Attachment Check List

Att Doc Num	Name	Doc Description
400010168	30 DAY NOTICE LETTER	30-Day Notice Cozzens 31-8D.pdf
400010169	PLAT	Cozzens 31-8D Plat - 9-8-09.pdf
400010170	DEVIATED DRILLING PLAN	Cozzens 31-8D Directional.pdf
400010172	CONSULT NOTICE	Cozzens Sec.8 NE4 Consult.pdf
400010180	TOPO MAP	Cozzens 31-8D Topo.pdf

Total Attach: 5 Files