

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:

400016526

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 ☐

Refilling ☒

Sidetrack ☐

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)860-5803 Fax: (303)860-5800

Email: sgarrett@petd.com

7. Well Name: Glazier Well Number: 2-24

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

9. Proposed Total Measured Depth: 7440

WELL LOCATION INFORMATION

10. QtrQtr: NENE Sec: 24 Twp: 3N Rng: 64W Meridian: 6

Latitude: 40.215368 Longitude: -104.493801

Footage at Surface: 990 FNL/FSL FNL 990 FEL/FWL FEL

11. Field Name: WATTENBERG Field Number: 90750

12. Ground Elevation: 4759 13. County: WELD

14. GPS Data:

Date of Measurement: 05/18/1983 PDOP Reading: 6.0 Instrument Operator's Name: John Hall

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: 3500 ft

18. Distance to nearest property line: 990 ft 19. Distance to nearest well permitted/completed in the same formation: 1025 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		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):
N/2, E/2SE/4, Sec. 24, T3N, R64W

25. Distance to Nearest Mineral Lease Line: 990 ft 26. Total Acres in Lease: 400

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	421	280	421	0
S.C. 1.1	7+7/8	4+1/2	11.6	7,418	350	7,418	6,125

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

33. Comments Recomplete to the Niobrara/Codell from the J Sand. Please see Sundry filed with previous permit (received by COGCC on 6/26/07) for details of the recompletion procedure.

34. Location ID: 319404

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: 11/19/2009 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. Neslin Director of COGCC Date: 12/22/2009

API NUMBER

05 123 11199 00

Permit Number: _____ Expiration Date: 12/21/2010

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 REMEDIAL CEMENT FROM 630' UP TO 50' ABOVE THE SURFACE CASING SHOE. CEMENT FROM 200' BELOW SUSSEX TO 200' ABOVE SUSSEX (AT LEAST 4550' - 4000'). VERIFY COVERAGE WITH CEMENT BOND LOG.

Attachment Check List

Att Doc Num	Name	Doc Description
400016548	30 DAY NOTICE LETTER	LF@2185274 400016548
400016549	FORM 2 SUBMITTED	LF@2185275 400016549

Total Attach: 2 Files