

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:  
400050932  
Plugging Bond Surety  
20090078

3. Name of Operator: PETROLEUM DEVELOPMENT CORPORATION 4. COGCC Operator Number: 69175

5. Address: 1775 SHERMAN STREET - STE 3000  
City: DENVER State: CO Zip: 80207

6. Contact Name: Sarah Garrett Phone: (303)860-5803 Fax: (303)860-5838  
Email: sgarrett@petd.com

7. Well Name: Guttersen Well Number: 24S

8. Unit Name (if appl): \_\_\_\_\_ Unit Number: \_\_\_\_\_

9. Proposed Total Measured Depth: 7450

WELL LOCATION INFORMATION

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

Latitude: 40.210590 Longitude: -104.494770

Footage at Surface: 2550 FNL/FSL FSL 1245 FEL/FWL FEL

11. Field Name: WATTENBERG Field Number: 90750

12. Ground Elevation: 4750 13. County: WELD

14. GPS Data:

Date of Measurement: 12/17/2008 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 \_\_\_\_\_

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: 5755 ft

18. Distance to nearest property line: 67 ft 19. Distance to nearest well permitted/completed in the same formation: 825 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           | 232-240                 | 160                           | GWA                                  |
| Niobrara Codell        | NBCD           | 407-87                  | 160                           | GWA                                  |
| Sussex Shannon         | SXSN           | N/A                     | 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):  
 Section 24: NW/4, SW/4SW/4, E/2SE/4, Township 3 North, Range 64 West (+acreage in other sections)

25. Distance to Nearest Mineral Lease Line: 56 ft 26. Total Acres in Lease: 2888

### 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              | 550           | 330          | 550           | 0          |
| S.C. 1.1    | 7+7/8        | 4+1/2          | 10.5            | 7,450         | 200          | 7,450         | 5,950      |

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

33. Comments Conductor casing will not be used. Well will be tied into a common tank battery at the Glazier 2-24 location. The tank battery should not expand past its originally disturbed area.

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: \_\_\_\_\_

|                   |  |                        |
|-------------------|--|------------------------|
| <b>API NUMBER</b> | Permit Number: _____                         | Expiration Date: _____ |
| 05                | <b>CONDITIONS OF APPROVAL, IF ANY:</b> _____ |                        |

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                                 |
|-------------|-----------------------|---|
| 400050935   | 30 DAY NOTICE LETTER  | Guttersen 24S 30 day Notice.pdf                 |
| 400050940   | PLAT                  | Guttersen 24S Plat.pdf                          |
| 400050941   | TOPO MAP              | Guttersen 24S - Topo.pdf                        |
| 400050942   | EXCEPTION LOC WAIVERS | Guttersen 24S Directional Drilling Waiver.pdf   |
| 400050945   | PROPOSED SPACING UNIT | Guttersen 24S BHL Map.pdf                       |
| 400050948   | EXCEPTION LOC REQUEST | Guttersen 24S DDW Request.pdf                   |
| 400050952   | EXCEPTION LOC WAIVERS | Guttersen 24S PLW - VanRavenswaay & Koerner.pdf |
| 400050954   | EXCEPTION LOC REQUEST | Guttersen 24S PLW Request.pdf                   |
| 400050955   | OTHER                 | Guttersen 24S - 20-Day Certification.pdf        |

Total Attach: 9 Files