

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: Gutteresen 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 1245 FEL/FWL
 FSL 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: _____

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
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