

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:

400128450

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 ☐

Refiling ☐

Sidetrack ☐

3. Name of Operator: PETROLEUM DEVELOPMENT CORPORATION

4. COGCC Operator Number: 69175

5. Address: 1775 SHERMAN STREET - STE 3000

City: DENVER State: CO Zip: 80203

6. Contact Name: Liz Lindow Phone: (303)831-3974 Fax: ()

Email: llindow@petd.com

7. Well Name: Riteaway Well Number: 22-32D

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

9. Proposed Total Measured Depth: 7390

WELL LOCATION INFORMATION

10. QtrQtr: NENW Sec: 32 Twp: 5N Rng: 67W Meridian: 6

Latitude: 40.362170 Longitude: -104.919960

Footage at Surface: 459 feet FNL/FSL FNL 1828 feet FEL/FWL FWL

11. Field Name: Wattenberg Field Number: 90750

12. Ground Elevation: 4794 13. County: WELD

14. GPS Data:

Date of Measurement: 12/17/2010 PDOP Reading: 1.5 Instrument Operator's Name: Michael Chad Dilka

15. If well is ☒ Directional ☐ Horizontal (highly deviated) **submit deviated drilling plan.**

Footage at Top of Prod Zone: FNL/FSL 1948 FNL 1974 FWL 1948 FNL 1974 FWL
Sec: 32 Twp: 5N Rng: 67W Sec: 32 Twp: 5N Rng: 67W

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: 450 ft

18. Distance to nearest property line: 459 ft 19. Distance to nearest well permitted/completed in the same formation: 876 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	232-23	320	W2
Niobrara-Codell	NB-CD	407-86	80	E/2NW/4
Parkman	PRKM		80	E/2NW/4
Sussex Shannon	SX-SN		80	E/2NW/4

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 Bond ☐ \$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):
E2NW of Sec 32 T5N R67W, 6th PM

25. Distance to Nearest Mineral Lease Line: 656 ft 26. Total Acres in Lease: 50

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 28 or 29 are yes, is this location in a sensitive area (Rule 901.e)? ☐ Yes ☐ No

31. Mud disposal: ☒ Offsite ☐ Onsite **If 28, 29, or 30 are "Yes" a pit permit may be required.**

Method: ☐ Land Farming ☒ Land Spreading ☐ Disposal Facility Other: Closed loop.

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	Wt/Ft	Csg/Liner Top	Setting Depth	Sacks Cmt	Cmt Btm	Cmt Top
SURF	12+1/4	8+5/8	24	0	370	525	370	
1ST	7+7/8	4+1/2	10.5	0	7,390	500	7,390	

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

33. Comments Conductor casing will not be used. The Riteaway 32ND, 32JD, 22-32D, 32AD, and 11-32D will all be drilled from the same pad. The well will be tied into an existing tank battery facility approximately 300 feet north of the pad. The operator requests a waiver to Rule 318Ac: The well will be located more than 50' from an existing well location

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: Liz Lindow

Title: Permit Representative Date: _____ Email: llindow@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	Document Name	attached ?			
<u>Attachment Checklist</u>					
400128921	30 Day notice letter	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
	APD Orig & 1 Copy	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
400128893	Deviated Drilling Plan	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400128901	Exception Loc Request	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400128895	Exception Loc Waivers	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
	Federal Drilling Permit	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
	H2S Contingency Plan	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
	Mineral lease map	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
	Other	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
	Surface agrmt/Surety	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
400128896	Topo map	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
400128891	Well Location Plat	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>

Total: 0 comment(s)

BMP

<u>Type</u>	<u>Comment</u>

Total: 0 comment(s)