

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:

1774459

Plugging Bond Surety

20010102

3. Name of Operator: PETRO-CANADA RESOURCES (USA) INC

4. COGCC Operator Number: 72085

5. Address: 999 18TH ST STE 600

City: DENVER State: CO Zip: 80202-2499

6. Contact Name: SUSAN MILLER Phone: (303)297-2300 Fax: (303)297-7708

Email: SUMILLER@SUNCOR.COM

7. Well Name: PHILLIPS Well Number: 24-2-17 (DIR)

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

9. Proposed Total Measured Depth: 7690

WELL LOCATION INFORMATION

10. QtrQtr: NWNW Sec: 24 Twp: 5N Rng: 67W Meridian: 6

Latitude: 40.390850 Longitude: -104.848720

Footage at Surface: 487 FNL/FSL FNL 615 FEL/FWL FWL

11. Field Name: WATTENBERG Field Number: 90750

12. Ground Elevation: 4950 13. County: WELD

14. GPS Data:

Date of Measurement: 05/05/2008 PDOP Reading: 1.8 Instrument Operator's Name: RON EDWARDS

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
 75 FNL 1305 FWL 75 FNL 1305 FWL
 Sec: Twp: Rng: Sec: 24 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: 3650 ft

18. Distance to nearest property line: 487 ft 19. Distance to nearest well permitted/completed in the same formation: 685 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.)
NIOBARRA-CODELL	NB-CD	407-87	160	

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#: _____

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):
5N-67W-24: N2NW; 5N-67W-13:S2SW

25. Distance to Nearest Mineral Lease Line: _____ 487 ft _____ 26. Total Acres in Lease: _____ 160 _____

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	26	460	330	460	0
1ST	7+7/8	4+1/2	11.6	7,690	1,157	7,690	460

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

33. Comments CONDUCTOR CASING WILL NOT BE UTILIZED. SEE ITEM NO. 10 OF SUA FOR WAIVER OF 30-DAY NOTICE. THIS LOCATION IS COVERED BY A MULTI-WELL PLAN FILED UNDER PHILLIPS 24-2-19 (DIR), LOCATION # 332729.

34. Location ID: _____ 332729 _____

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: SUSAN MILLER _____

Title: REG ANALYST _____ Date: _____ Email: SUMILLER@SUNCOR.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

05 123 29345 00

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
1774459	APD ORIGINAL	LF@2183681 1774459
1774460	WELL LOCATION PLAT	LF@2183682 1774460
1774461	MULTI-WELL PLAN	LF@2182419 1774461
1774462	SURFACE AGRMT/SURETY	LF@2183683 1774462
1774463	LOCATION PICTURES	LF@2182418 1774463
1774464	PROPOSED SPACING UNIT	LF@2183684 1774464

Total Attach: 6 Files