

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



DE ET OE ES

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 75 FNL 1305 FWL FWL Bottom Hole: FNL/FSL 75 FNL 1305 FWL FWL
Sec: 24 Twp: 5N Rng: 67W 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.)
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#: _____

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: N/2NW/4; 5N-67W-13: S/2SW/4

25. Distance to Nearest Mineral Lease Line: 615 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. SPACING UNIT IS THE N/2NW4 SEC 24; S/2SW SEC 13

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: 11/30/2009 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: David S. Nashin Director of COGCC Date: 1/7/2010

API NUMBER
05 123 29345 00

Permit Number: _____ Expiration Date: 1/6/2012

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 cement coverage from TD to a minimum of 200' above Niobrara. Verify coverage with cement bond log. 3) Run and submit Directional Survey from TD to base of surface casing. The operator shall comply with Rule 321, and it shall be the operator's responsibility to ensure that the wellbore complies with setback requirements in commission orders or rules prior to producing the well.

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Attachment Check List

Att Doc Num	Name	Doc Description
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
400018698	FORM 2 SUBMITTED	LF@2191129 400018698
400029419	APD ORIGINAL	LF@2183681 400029419

Total Attach: 7 Files