

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:  
1757236  
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: SUSANMILLER Phone: (303)297-2100 Fax: (303)297-7708  
Email: SUSAN.MILLER@PETRO-CANADA.COM

7. Well Name: WAGGENER Well Number: 8-42

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

9. Proposed Total Measured Depth: 6500

WELL LOCATION INFORMATION

10. QtrQtr: NWSE Sec: 8 Twp: 4N Rng: 68W Meridian: 6  
Latitude: 40.325880 Longitude: -105.024960

Footage at Surface: 1984 FNL/FSL FSL 1998 FEL/FWL FEL

11. Field Name: WATTENBERG Field Number: 90750

12. Ground Elevation: 5024 13. County: WELD

14. GPS Data:

Date of Measurement: 04/28/2009 PDOP Reading: 1.7 Instrument Operator's Name: JEFF POZVEK

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: 401

18. Distance to nearest property line: 666 19. Distance to nearest well permitted/completed in the same formation: 934

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		80	W/2SE

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):  
SEE ATTACHED

25. Distance to Nearest Mineral Lease Line: 667 26. Total Acres in Lease: 320

### 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	330	236	330	0
1ST	7+7/8	4+1/2	11.6	6,500	994	6,500	330

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

33. Comments CONDUCTOR CASING WILL NOT BE UTILIZED.

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: Y Print Name: SUSAN MILLER

Title: REG ANALYST Date: 6/26/2009 Email: SUSAN.MILLER@PETRO-CA

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: 9/29/2009

**API NUMBER**  
05 123 30677 00

Permit Number: 20092807 Expiration Date: 9/28/2010

**CONDITIONS OF APPROVAL, IF ANY:**

**Condition of Approval**

Comment

Agency

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.

Use of a closed loop system or lining of drilling pit is required due to shallow groundwater.

**Attachment Check List**

Att Doc Num	Name	Doc Description
1691608	OIL & GAS LEASE	LF@2101326 1691608
1757236	APD ORIG & 1 COPY	LF@2093257 1757236
1757237	WELL LOCATION PLAT	LF@2093258 1757237
1757238	TOPO MAP	LF@2093259 1757238
1757239	SURFACE AGRMT/SURETY	LF@2093260 1757239

Total Attach: 5 Files