

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:  
1759784  
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: GULLEY Well Number: 17-13

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

9. Proposed Total Measured Depth: 7210

WELL LOCATION INFORMATION

10. QtrQtr: SWNE Sec: 17 Twp: 6N Rng: 64W Meridian: 6  
Latitude: 40.487620 Longitude: -104.572400

Footage at Surface: 2054 FNL/FSL FNL 2191 FEL/FWL FEL

11. Field Name: WATTENBERG Field Number: 90750

12. Ground Elevation: 4778 13. County: WELD

14. GPS Data:

Date of Measurement: 08/05/2008 PDOP Reading: 2.8 Instrument Operator's Name: J. RHOTEN

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: 1867 ft

18. Distance to nearest property line: 587 ft 19. Distance to nearest well permitted/completed in the same formation: 1131 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          | 407-87                  | 80                            | W/2NE/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#: 20010103

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):  
6-64: SECTION 17: W/2NE4

25. Distance to Nearest Mineral Lease Line: 478 ft 26. Total Acres in Lease: 80

**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              | 740           | 531          | 740           | 0          |
| 1ST         | 7+7/8        | 4+1/2          | 11.6            | 7,210         | 1,040        | 7,210         | 740        |

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

33. Comments CONDUCTOR CASING WILL NOT BE UTILIZED. SEE ITEM NO. 9 OF SUA FOR WAIVER OF 30-DAY NOTICE.

34. Location ID: 302596

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: 12/23/2009

**API NUMBER**  
05 123 29437 00

Permit Number: \_\_\_\_\_ Expiration Date: 12/22/2011

**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) SET SURFACE CASING PER RULE 317D, CEMENT TO SURFACE. 3) COMPLY WITH RULE 317.I AND PROVIDE CEMENT COVERAGE FROM TD TO A MINIMUM OF 200' ABOVE NIOBRARA AND FROM 200' BELOW TO 200' ABOVE THE PARKMAN. VERIFY COVERAGE WITH CEMENT BOND.

### **Attachment Check List**

| Att Doc Num | Name                 | Doc Description          |
|-------------|----------------------|--------------------------|
| 1759786     | WELL LOCATION PLAT   | LF@2183632 1759786       |
| 1759790     | SURFACE AGRMT/SURETY | LF@2183633 1759790       |
| 2063556     | SURFACE CASING CHECK | LF@2199813 2063556.00000 |
| 400018916   | FORM 2 SUBMITTED     | LF@2191122 400018916     |
| 400025980   | APD ORIGINAL         | LF@2183689 400025980     |

Total Attach: 5 Files