

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

Document Number:

1904279

Plugging Bond Surety

20010102

## 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: PETRO-CANADA RESOURCES (USA) INC

4. COGCC Operator Number: 72085

5. Address: 24336 WCR 46

City: LASALLE State: CO Zip: 80645

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

Email: SUSAN.MILLER@PETRO-CANADA.COM

7. Well Name: PHILLIPS Well Number: 23-15

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

9. Proposed Total Measured Depth: 7400

## WELL LOCATION INFORMATION

10. QtrQtr: NWNE Sec: 23 Twp: 5N Rng: 67W Meridian: 6

Latitude: 40.388720 Longitude: -104.856590

FNL/FSL

FEL/FWL

Footage at Surface: 1292 FNL 1576 FEL

11. Field Name: WATTENBERG Field Number: 90750

12. Ground Elevation: 4963 13. County: WELD

## 14. GPS Data:

Date of Measurement: 06/07/2007 PDOP Reading: 1.8 Instrument Operator's Name: DALLAS NIELSEN

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: 200

18. Distance to nearest property line: 200 19. Distance to nearest well permitted/completed in the same formation: 639

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.)
NIORARA-CODELL	NB-CD	407-87	160	NE/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#: \_\_\_\_\_

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):  
5-67: SEC 23; NE/4

25. Distance to Nearest Mineral Lease Line: 1292 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	650	466	650	0
1ST	7+7/8	4+1/2	11.6	7,400	1,083	7,400	650

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

33. Comments CONDUCTOR CASING WILL NOT BE UTILIZED. NO CHANGES TO LOCATION SINCE ORIGINAL STAKING.

34. Location ID: 310084

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: 5/7/2009 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. Neslin Director of COGCC Date: 8/31/2009

Permit Number: 20092564 Expiration Date: 8/31/2010

API NUMBER

05 123 25876 00

CONDITIONS OF APPROVAL, IF ANY:

### **Condition of Approval**

Comment	User Name	Comment Date
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.		
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### **Attachment Check List**

Att Doc Num	Name	Doc Description	Op. Check	File Size
1904279	APD ORIG & 1 COPY	LF@2052564 1904279	Y	
1904280	SURFACE AGRMT/SURETY	LF@2052565 1904280	Y	

Total Attach: 2 Files