

<b>FORM</b> <b>2</b> Rev 12/05	State of Colorado <b>Oil and Gas Conservation Commission</b> 1120 Lincoln Street, Suite 801, Denver, Colorado 80205 Phone: (303) 894-2100 Fax: (303) 894-2109		<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:25%;">DE</td> <td style="width:25%;">ET</td> <td style="width:25%;">OE</td> <td style="width:25%;">ES</td> </tr> </table>	DE	ET	OE	ES
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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:  
 400168454  
 Plugging Bond Surety  
 20100017

3. Name of Operator: ENCANA OIL & GAS (USA) INC    4. COGCC Operator Number: 100185

5. Address: 370 17TH ST STE 1700  
 City: DENVER    State: CO    Zip: 80202-5632

6. Contact Name: Nick Curran    Phone: (720)876-5288    Fax: (720)876-6288  
 Email: nick.curran@encana.com

7. Well Name: NORTH RINN    Well Number: 2-4-9

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

9. Proposed Total Measured Depth: 8151

**WELL LOCATION INFORMATION**

10. QtrQtr: SWSW    Sec: 9    Twp: 2N    Rng: 68W    Meridian: 6  
 Latitude: 40.149230    Longitude: -105.013520

Footage at Surface:    1180 feet    FSL    1133 feet    FWL

11. Field Name: WATTENBERG    Field Number: 90750

12. Ground Elevation: 4866    13. County: WELD

14. GPS Data:

Date of Measurement: 05/13/2011    PDOP Reading: 1.1    Instrument Operator's Name: TOM WINANS

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  
2575    FSL    1400    FWL    2575    FSL    1400    FWL  
 Sec: 9    Twp: 2N    Rng: 68W    Sec: 9    Twp: 2N    Rng: 68W

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: 2112 ft

18. Distance to nearest property line: 176 ft    19. Distance to nearest well permitted/completed in the same formation: 1920 ft

**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.)
CODELL	CODL	407-87	160	GWA
J SAND	JSND	232-32	160	GWA
NIOBRARA	NBRR	407-87	160	GWA

**IMPORTANT: SOME DATA FIELDS HAVE BEEN MODIFIED.**

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 Bond  \$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):  
W2SW, NESW, W2SE PLUS TRACT USED AS ROW IN THE N2NESE  
25. Distance to Nearest Mineral Lease Line: 55 26. Total Acres in Lease: 201

**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 28 or 29 are yes, is this location in a sensitive area (Rule 901.e)?  Yes  No  
31. Mud disposal:  Offsite  Onsite **If 28, 29, or 30 are "Yes" a pit permit may be required.**  
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	Wt/Ft	Csg/Liner Top	Setting Depth	Sacks Cmt	Cmt Btm	Cmt Top
SURF	12+1/4	8+5/8	24	0	750	273	750	0
1ST	7+7/8	4+1/2	11.6	0	8,151	169	8,151	7,101

32. BOP Equipment Type:  Annular Preventer  Double Ram  Rotating Head  None  
33. Comments NO CONDUCTOR CASING WILL BE USED. NO OPEN HOLE LOGS WILL BE RAN. PROPOSED SPACING ORDER N/2SW; S/2NW 9.

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: \_\_\_\_\_ Print Name: NICK CURRAN  
Title: PERMITTING AGENT Date: 6/7/2011 Email: NICK.CURRAN@ENCANA.CO

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: 7/5/2011

**API NUMBER**  
05 123 33886 00  
Permit Number: \_\_\_\_\_ Expiration Date: 7/4/2013  
**CONDITIONS OF APPROVAL, IF ANY:**  
\_\_\_\_\_

**IMPORTANT: SOME DATA FIELDS HAVE BEEN MODIFIED.**

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 Jim Precup at 303-469-1902 or e-mail at james.precup@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) Comply with Rule 321. Run and submit Directional Survey from TD to base of surface casing. Ensure that the wellbore complies with setback requirements in commission orders or rules prior to producing the well.

**Attachment Check List**

Att Doc Num	Name
1694140	VARIANCE REQUEST
1771323	SURFACE CASING CHECK
400168454	FORM 2 SUBMITTED
400172767	WELL LOCATION PLAT
400172768	LEASE MAP
400172769	30 DAY NOTICE LETTER
400172770	DEVIATED DRILLING PLAN
400172771	TOPO MAP
400172772	PROPOSED SPACING UNIT
400172773	SURFACE AGRMT/SURETY

Total Attach: 10 Files

**General Comments**

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Added: "PROPOSED SPACING ORDER N/2SW; S/2NW 9." to comments. plg.	6/15/2011 11:05:56 AM

Total: 1 comment(s)

**BMP**

<u>Type</u>	<u>Comment</u>

Total: 0 comment(s)