

**APPLICATION FOR PERMIT TO:**

1.  **Drill,**       Deepen,       Re-enter,       Recomplete and Operate

2. TYPE OF WELL

OIL       GAS       COALBED       OTHER \_\_\_\_\_

SINGLE ZONE       MULTIPLE       COMMINGLE

Refiling   
Sidetrack

Document Number:  
400224692

PluggingBond SuretyID  
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: CANYON CREEK      Well Number: 34-13

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

9. Proposed Total Measured Depth: 8611

**WELL LOCATION INFORMATION**

10. QtrQtr: NWSE      Sec: 13      Twp: 1N      Rng: 69W      Meridian: 6  
Latitude: 40.049610      Longitude: -105.063200

Footage at Surface:      2060 feet      FSL      2159 feet      FEL

11. Field Name: WATTENBERG      Field Number: 90750

12. Ground Elevation: 5058      13. County: BOULDER

14. GPS Data:  
Date of Measurement: 09/23/2009      PDOP Reading: 1.5      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

660      FSL      2014      FEL      660      FSL      2014      FEL

Sec: 13      Twp: 1N      Rng: 69W      Sec: 13      Twp: 1N      Rng: 69W

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: 307 ft

18. Distance to nearest property line: 213 ft      19. Distance to nearest well permitted/completed in the same formation(BHL): 2360 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	SE4
J SAND	JSND	232-32	160	SE4
NIOBRARA	NBRR	407-87	160	SE4

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):

Sec. 13 1N-69W: SESE, W2SE less 20 acre tract described by m/bs and W2SWNESE

25. Distance to Nearest Mineral Lease Line: 215 ft 26. Total Acres in Lease: 105

### 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: CLOSE LOOP SYS WILL BE

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	790	280	790	0
1ST	7+7/8	4+1/2	11.6	0	8,611	310	8,611	7,349
			Stage Tool		5,515	260	5,515	4,434

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

33. Comments NO CONDUCTOR CASING WILL BE USED.

34. Location ID: 415299

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: 11/17/2011 Email: NICK.CURRAN@ENCANA.

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: 12/11/2011

API NUMBER

05 013 06631 00

Permit Number: \_\_\_\_\_ Expiration Date: 12/10/2013

**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 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
400224692	FORM 2 SUBMITTED
400224701	SURFACE AGRMT/SURETY
400224705	30 DAY NOTICE LETTER

Total Attach: 3 Files

**General Comments**

<b><u>User Group</u></b>	<b><u>Comment</u></b>	<b><u>Comment Date</u></b>
Permit	Final Review Completed. No LGD or public comment received.	12/8/2011 10:55:39 AM
Permit	Okay to pass pending public comment 12/08/11.	11/21/2011 1:40:53 PM
Permit	Changed BHL from 510' FSL / 2015 FEL to 660' FSL/ 2014' FEL per operator.	11/21/2011 1:38:27 PM
Permit	ON HOLD: Requesting confirmation of BHL. changed per Sundry dated 5/18/11.	11/18/2011 4:18:17 PM
Engineer	The original permit does not plot with this pad	11/18/2011 10:52:03 AM
Permit	Operator corrected county and added Sect, Township, and Range for mineral lease. Form has passed completeness.	11/17/2011 1:48:27 PM
Permit	Returned to draft. Incorrect county and missing Sect, township, and range of mineral lease.	11/17/2011 12:48:44 PM

Total: 7 comment(s)

**BMP**

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

Total: 0 comment(s)