

**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:  
400205888

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: JENNIFER LIND      Phone: (720)876-5890      Fax: (720)876-6890  
Email: JENNIFER.LIND@ENCANA.COM

7. Well Name: MELBON RANCH      Well Number: 34-17

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

9. Proposed Total Measured Depth: 7939

**WELL LOCATION INFORMATION**

10. QtrQtr: SESW      Sec: 17      Twp: 2N      Rng: 65W      Meridian: 6  
Latitude: 40.132010      Longitude: -104.688090

Footage at Surface:      209      feet      FSL      2605      feet      FWL

11. Field Name: WATTENBERG      Field Number: 90750

12. Ground Elevation: 4918      13. County: WELD

14. GPS Data:  
Date of Measurement: 08/20/2011      PDOP Reading: 1.5      Instrument Operator's Name: BURKE

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      1990      FEL      660      FSL      1990      FEL

Sec: 17      Twp: 2N      Rng: 65W      Sec: 17      Twp: 2N      Rng: 65W

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: 194 ft

18. Distance to nearest property line: 50 ft      19. Distance to nearest well permitted/completed in the same formation(BHL): 915 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	320	S/2
J SAND	JSND	232	320	S/2
NIOBRARA	NBRR	407	320	S/2

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):

T2N-R65W-SEC.17: N/2NE, S/2

25. Distance to Nearest Mineral Lease Line: 660 ft 26. Total Acres in Lease: 400

### 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	860	255	860	0
1ST	7+7/8	4+1/2	11.6	0	7,939	173	7,939	6,863
			Stage Tool		4,850	83	4,850	4,250

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

33. Comments NO CONDUCTOR CASING WILL BE UTILIZED. ENCANA REQUESTS THE APPROVAL OF RULE 318A.a AND RULE 603.a EXCEPTION LOCATION. WELLHEAD TO BE LOCATED OUTSIDE OF GWA DRILLING WINDOW AND CLOSER THAN 150' TO A PROPERTY LINE. WAIVERS ARE ATTACHED.

34. Location ID: 410171

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: JENNIFER LIND

Title: REGULATORY ANALYST Date: 9/26/2011 Email: JENNIFER.LIND@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: 10/20/2011

**API NUMBER**  
05 123 34592 00

Permit Number: \_\_\_\_\_ Expiration Date: 10/19/2013

**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 via e-mail at jim.precup@state.co.us.
- 2) Comply with Rule 317.i and provide cement coverage from the end of the production casing to a minimum of 200' above the Niobrara and from 200' below Sussex to 200' above Sussex. Verify coverage with a cement bond log.
- 3) Comply with Rule 321. Run and submit Directional Survey from the end of production casing to base of surface casing. Ensure that the wellbore complies with setback requirements in commission orders or rules prior to producing the well.

Derrick height (ground to crown) cannot exceed 129 feet due to close proximity to public road per Rule 603a1 without an approved variance.

### **Attachment Check List**

Att Doc Num	Name
2481206	SURFACE CASING CHECK
400205888	FORM 2 SUBMITTED
400208529	MINERAL LEASE MAP
400208531	DEVIATED DRILLING PLAN
400208532	EXCEPTION LOC WAIVERS
400208534	WELL LOCATION PLAT
400208536	TOPO MAP
400208537	30 DAY NOTICE LETTER
400208538	EXCEPTION LOC REQUEST

Total Attach: 9 Files

### **General Comments**

<b><u>User Group</u></b>	<b><u>Comment</u></b>	<b><u>Comment Date</u></b>
Permit	No LGD or public comment received; final review completed.	10/19/2011 6:43:48 AM

Total: 1 comment(s)

### **BMP**

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

Total: 0 comment(s)