

**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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Document Number:  
2589416  
Plugging Bond Surety  
20100017

**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: 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: JEVIN CROTEAU Phone: (303)623-2300 Fax: (303)623-2400  
Email: JEVIN.CROTEAU@ENCANA.COM  
7. Well Name: WIGGETT Well Number: 12-13  
8. Unit Name (if appl): \_\_\_\_\_ Unit Number: \_\_\_\_\_  
9. Proposed Total Measured Depth: 8528

**WELL LOCATION INFORMATION**

10. QtrQtr: NWNW Sec: 13 Twp: 1N Rng: 69W Meridian: 6  
Latitude: 40.057000 Longitude: -105.070020  
Footage at Surface: 582 FNL/FSL FNL 1241 FEL/FWL FWL  
11. Field Name: WATTENBERG Field Number: 90750  
12. Ground Elevation: 5016 13. County: BOULDER

14. GPS Data:

Date of Measurement: 03/10/2010 PDOP Reading: 1.9 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 2000 FNL 510 FWL FWL Bottom Hole: FNL/FSL 2000 FNL 510 FWL FWL  
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: 650 ft  
18. Distance to nearest property line: 243 ft 19. Distance to nearest well permitted/completed in the same formation: 829 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.)
CODELL	CODL	407	320	N2
J SAND	JSND	232	320	N2
NIOBRARA	NBRR	407	320	N2

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#: 20090011

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):  
A PARCEL OF LAND IN THE SWNW OF SEC. 13, T1N, R69W

25. Distance to Nearest Mineral Lease Line: 221 ft 26. Total Acres in Lease: 7

### 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	24	750	320	750	0
1ST	7+7/8	4+1/2	11.6	8,528	300	8,528	7,369

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

33. Comments NO CONDUCTOR CASING WILL BE USED.

34. Location ID: 336172

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: JEVIN CROTEAU

Title: REGULATORY Date: 6/8/2010 Email: JEVIN.CROTEAU@ENCANA.C

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: 7/11/2010

**API NUMBER**  
05 013 06581 00

Permit Number: \_\_\_\_\_ Expiration Date: 7/10/2012

**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	Doc Description
2589416	APD ORIGINAL	LF@2487818 2589416
2589417	WELL LOCATION PLAT	LF@2487819 2589417
2589418	TOPO MAP	LF@2487925 2589418
2589419	MINERAL LEASE MAP	LF@2487926 2589419
2589420	30 DAY NOTICE LETTER	LF@2487820 2589420
2589421	DEVIATED DRILLING PLAN	LF@2487821 2589421

Total Attach: 6 Files