

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:

1692142

Plugging Bond Surety

20050043

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: NICK G. CURRAN Phone: (720)876-5288 Fax: (720)876-6288  
Email: NICK.CURRAN@ENCANA.COM

7. Well Name: WIGGETT Well Number: 0-2-13

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

9. Proposed Total Measured Depth: 8548

WELL LOCATION INFORMATION

10. QtrQtr: NWNW Sec: 13 Twp: 1N Rng: 69W Meridian: 6

Latitude: 40.057080 Longitude: -105.070020

Footage at Surface: 552 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: 06/24/2008 PDOP Reading: 0.3 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 1334 FNL 50 FWL FWL Bottom Hole: FNL/FSL 1334 FNL 50 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: 554 ft

18. Distance to nearest property line: 270 ft 19. Distance to nearest well permitted/completed in the same formation: 1284 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	407-87	160	GWA
J SAND	JSND		160	GWA
NIOBRARA	NBRR	407-87	160	GWA

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):  
 SEC 12 SWSW LESS 2.5 ACRE TRACT IN SESW, SEC 13 NWNW LESS 3 ACRES IN SE CORNER & 3 ACRES IN NWNENW. SEE ATTACHED MAP

25. Distance to Nearest Mineral Lease Line: 50 ft 26. Total Acres in Lease: 80

### 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	610	240	610	0
1ST	7+7/8	4+1/2	11.6	8,548	310	8,548	7,353
			Stage Tool	5,391	220	5,391	4,464

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

33. Comments NO CONDUCTOR CASING WILL BE USED. (TWINNING EXISTING WIGGETT 13-2)

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: NICK CURRAN

Title: REGULATORY ANALYST Date: 10/13/2009 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. Nesline Director of COGCC Date: 11/13/2009

#### API NUMBER

05 013 06592 00

Permit Number: \_\_\_\_\_ Expiration Date: 11/12/2011

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) Note surface casing setting depth change from 550' to 610'. Increase cement coverage accordingly and cement to surface. 2) Provide 24 hour notice of MIRU to Jim Precup at 303-469-1902 or e-mail at james.precup@state.co.us 3) Comply with Rule 317.i and provide cement coverage from TD to a minimum of 200' above Niobrara. Verify coverage with cement bond log. 4) 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
1692150	WELL LOCATION PLAT	LF@2158635 1692150
1692151	TOPO MAP	LF@2158718 1692151
1692152	MINERAL LEASE MAP	LF@2158717 1692152
1692153	30 DAY NOTICE LETTER	LF@2158636 1692153
1692154	DEVIATED DRILLING PLAN	LF@2158637 1692154
1759691	PROPOSED SPACING UNIT	LF@2178095 1759691
1759692	PROPOSED SPACING UNIT	LF@2178105 1759692
400009728	FORM 2 SUBMITTED	LF@2162089 400009728
400018988	APD ORIG & 1 COPY	LF@2158634 400018988

Total Attach: 9 Files