

FORM  
2

Rev  
12/05

State of Colorado  
Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80203 Phone: (303) 894-2100 Fax: (303) 894-2109



Document Number:

400330824

Date Received:

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 ☐

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: Erin Hochstetler Phone: (720)876-5827 Fax: ()

Email: erin.hochstetler@encana.com

7. Well Name: RAY NELSON Well Number: 8-4-32

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

9. Proposed Total Measured Depth: 8384

WELL LOCATION INFORMATION

10. QtrQtr: NESE Sec: 32 Twp: 2N Rng: 68W Meridian: 6

Latitude: 40.091970 Longitude: -105.021880

Footage at Surface: 1558 feet FNL/FSL 1167 feet FEL/FWL FEL

11. Field Name: WATTENBERG Field Number: 90750

12. Ground Elevation: 4964 13. County: WELD

14. GPS Data:

Date of Measurement: 06/15/2010 PDOP Reading: 1.6 Instrument Operator's Name: CRIAG BURKE

15. If well is ☒ Directional ☐ Horizontal (highly deviated) **submit deviated drilling plan.**

Footage at Top of Prod Zone: FNL/FSL 2590 FSL 50 FEL 2590 FSL 50 FEL 2590 FSL 50 FEL 2590  
Sec: 32 Twp: 2N Rng: 68W Sec: 32 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: 897 ft

18. Distance to nearest property line: 181 ft 19. Distance to nearest well permitted/completed in the same formation(BHL): 965 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	160	GWA
J SAND	JSND	232-23	160	GWA
NIOBRARA	NBRR	407	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#: 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 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):

A TRACT OF LAND LOCATED IN N2SE OF SEC 32, T2N, R68W.

25. Distance to Nearest Mineral Lease Line: 50 ft 26. Total Acres in Lease: 35

### 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	800	350	800	0
1ST	7+7/8	4+1/2	11.6	0	8,384	280	8,384	7,304

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

33. Comments NO CONDUCTOR CASING WILL BE USED. Proposed GWA Unit Configuration for NB-CD & JSND: Sec 32: SENE, NESE & Sec 33: NWSW, SWNW ; This well was originally approved administratively as a Rule 318A.c.(2) exception location. Encana has been unable to obtain surface owner consent to the twinning exception (although an SUA has been signed and the Memorandum is attached to this document). The location of wellheads will be greater than 50' from the existing well "Nelson E Unit #2". The location of the existing well is a property line exception location, so any well twinning the existing well would also be. The current location was chosen to gain an appropriate distance from surface waters. Due to topographic / surface constraints, the un-twinning location as originally approved is more appropriate for the safety and protection for the environment. Encana requests that this re-file be administratively approved as a 318A(I).c.(1) exception location due to circumstances listed above. An exception location request letter including this information has been attached. THIS WELL HAS NOT YET BEEN DRILLED, THEREFORE THE CURRENT 2A IS STILL RELEVANT.

34. Location ID: 319034

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: Erin Hochstetler

Title: Permitting Technician Date: \_\_\_\_\_ Email: erin.hochstetler@encana.com

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: \_\_\_\_\_ Director of COGCC Date: \_\_\_\_\_

#### API NUMBER

05 123 32429 00

Permit Number: \_\_\_\_\_ Expiration Date: \_\_\_\_\_

#### 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.**

**Attachment Check List**

Att Doc Num	Name
400331033	LEASE MAP
400331034	DEVIATED DRILLING PLAN
400331035	WELL LOCATION PLAT
400331039	EXCEPTION LOC REQUEST
400331040	30 DAY NOTICE LETTER
400331041	SURFACE AGRMT/SURETY
400331043	TOPO MAP
400331044	PROPOSED SPACING UNIT
400331077	DIRECTIONAL DATA

Total Attach: 9 Files

**General Comments**

<b><u>User Group</u></b>	<b><u>Comment</u></b>	<b><u>Comment Date</u></b>

Total: 0 comment(s)

**BMP**

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

Total: 0 comment(s)