

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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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 ☐

Document Number:

2590345

Plugging Bond Surety

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: JEVIN CROTEAU Phone: (720)876-5339 Fax: (720)876-6339

Email: JEVIN.CROTEAU@ENCANA.COM

7. Well Name: PRATT Well Number: 21-29

8. Unit Name (if appl): _____ Unit Number: _____

9. Proposed Total Measured Depth: 8725

WELL LOCATION INFORMATION

10. QtrQtr: NWNW Sec: 29 Twp: 1N Rng: 68W Meridian: 6

Latitude: 40.028130 Longitude: -105.035460

Footage at Surface: 409 FNL/FSL FNL 453 FEL/FWL FWL

11. Field Name: WATTENBERG Field Number: 90750

12. Ground Elevation: 5116 13. County: WELD

14. GPS Data:

Date of Measurement: 06/02/2010 PDOP Reading: 2.0 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 510 FNL 2130 FWL FWL Bottom Hole: FNL/FSL 510 FNL 2130 FWL FWL
Sec: 29 Twp: 1N Rng: 68W Sec: 29 Twp: 1N 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: 414 ft

18. Distance to nearest property line: 409 ft 19. Distance to nearest well permitted/completed in the same formation: 906 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	NW4
J SAND	JSND	232-23	160	NW4
NIOBRARA	NBRR	407	160	NW4

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):
E2NW & W2NE OF SEC. 29 AND NW OF SEC. 28, T1N, R68W

25. Distance to Nearest Mineral Lease Line: 510 ft 26. Total Acres in Lease: 320

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	900	390	900	0
1ST	7+7/8	4+1/2	11.6	8,725	310	8,725	7,543

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

33. Comments NO CONDUCTOR CASING WILL BE USED. Encana Oil & Gas (USA) Inc. requests approval of Rule 318Aa exception location: Wellhead is to be located outside of a GWA drilling window. Encana Oil & Gas (USA) Inc. requests approval of an exception to Order No 232-23, the drilling and spacing unit for the J-Sand is proposed to be the NW4 (160 acres), less than the 320 acre drilling and spacing unit as required by the Order. The royalty interests of the N/2 were segregated by court order to each quarter section. Royalty interests in the NW/4, where the subject well is located, do not participate in J-Sand Oil & Gas revenues from the NE/4. Encana Oil & Gas (USA) Inc. therefore attest that no consent from the royalty interests of the NE/4 are required.

34. Location ID: 329735

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: 9/27/2010 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. Neslin Director of COGCC Date: 10/27/2010

Permit Number: _____ Expiration Date: 10/26/2012

API NUMBER

05 123 32428 00

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 and from 200' below Sussex to 200' above Sussex. 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
2590345	APD ORIGINAL	LF@2547300 2590345
2590400	WELL LOCATION PLAT	LF@2547301 2590400
2590401	TOPO MAP	LF@2547302 2590401
2590402	MINERAL LEASE MAP	LF@2547303 2590402
2590403	30 DAY NOTICE LETTER	LF@2547304 2590403
2590404	DEVIATED DRILLING PLAN	LF@2547305 2590404
2590405	EXCEPTION LOC REQUEST	LF@2547306 2590405
2590406	EXCEPTION LOC WAIVERS	LF@2547307 2590406
2622036	EXCEPTION LOC REQUEST	LF@2609435 2622036

Total Attach: 9 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Uploaded Exception to Order 232-23 to application as attachment. PVG	10/27/2010 7:30:53 AM
Permit	ON HOLD. The units NB-CD of existing well(s) in N2 are not consistent with proposed unit. By order 232 the JSND is spaced 320, but application is submitted for 160. PVG	10/13/2010 12:59:34 PM

Total: 2 comment(s)

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