

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:
2584292
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: NICK G. CURRAN Phone: (720)876-5288 Fax: (720)876-6288
Email: NICK.CURRAN@ENCANA.COM

7. Well Name: EAST RINN Well Number: 2-4-15

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

9. Proposed Total Measured Depth: 8107

WELL LOCATION INFORMATION

10. QtrQtr: NESW Sec: 15 Twp: 2N Rng: 68W Meridian: 6
Latitude: 40.138050 Longitude: -104.990060

Footage at Surface: 2392 FNL/FSL FSL 2424 FEL/FWL FWL

11. Field Name: WATTENBERG Field Number: 90750

12. Ground Elevation: 4875 13. County: WELD

14. GPS Data:

Date of Measurement: 01/22/2010 PDOP Reading: 1.3 Instrument Operator's Name: CRAIG 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 _____
2640 FSL 1400 FWL 2640 FSL 1400 FWL
Sec: 15 Twp: 2N Rng: 68W Sec: 15 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: 253 ft

18. Distance to nearest property line: 168 ft 19. Distance to nearest well permitted/completed in the same formation: 886 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#: _____

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):
 SW4 LESS 2.88 TRACT LOCATED IN THE NWSW

25. Distance to Nearest Mineral Lease Line: 50 ft 26. Total Acres in Lease: 157

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	8,107	280	8,107	7,049

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

33. Comments NO CONDUCTOR CASING WILL BE USED. PROPOSED GWA UNIT CONFIGURATION FOR JSND & NB-CD: N2SW, S2NW ; Encana Oil & Gas (USA) Inc. requests approval of a Rule 318Aa and Rule 318Ac exception location: Wellhead is to be located outside of a GWA drilling window and will be located more than 50' from an existing well location. Waivers are attached.

34. Location ID: 305244

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 G. CURRAN

Title: PERMITTING Date: 9/16/2010 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. Neslin Director of COGCC Date: 11/1/2010

API NUMBER: **05 123 32498 00** Permit Number: _____ Expiration Date: 10/31/2012

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 and from 200' below Shannon 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
2511211	30 DAY NOTICE LETTER	LF@2544837 2511211
2584292	APD ORIGINAL	LF@2544813 2584292
2584293	WELL LOCATION PLAT	LF@2544814 2584293
2584294	TOPO MAP	LF@2544877 2584294
2584295	MINERAL LEASE MAP	LF@2544878 2584295
2584296	SURFACE AGRMT/SURETY	LF@2544815 2584296
2584297	DEVIATED DRILLING PLAN	LF@2544879 2584297
2584298	EXCEPTION LOC REQUEST	LF@2544816 2584298
2584299	WAIVERS	LF@2544817 2584299
2584300	OTHER	LF@2544880 2584300
2584301	PROPOSED SPACING UNIT	LF@2544881 2584301
2622089	EXCEPTION LOC REQUEST	LF@2612041 2622089
2622090	EXCEPTION LOC WAIVERS	LF@2612042 2622090

Total Attach: 13 Files

General Comments

User Group	Comment	Comment Date
Permit	Uploaded twinning request and consent to application as attachment. PVG	11/1/2010 9:49:45 AM
Permit	ON HOLD. Application requires a twinning waiver. PVG	10/13/2010 4:39:56 PM
Permit	As per Phil G: These applications may be reviewed for completeness now. The location will not need a 306.d variance.	9/27/2010 9:15:28 AM
Permit	From Kent: fail per opr request in discussions Nick Curran with Phil Glasgow about density; consultation may be needed/or alternative; doc needs full proofing	9/22/2010 11:36:34 AM

Total: 4 comment(s)

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