

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:
400139184
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: Nick Curran Phone: (720)876-5288 Fax: (720)876-6288
Email: nick.curran@encana.com

7. Well Name: Ross Well Number: 11-19

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

9. Proposed Total Measured Depth: 8292

WELL LOCATION INFORMATION

10. QtrQtr: SWNW Sec: 19 Twp: 2N Rng: 68W Meridian: 6
Latitude: 40.125800 Longitude: -105.052520

Footage at Surface: 1938 feet FNL 800 feet FWL

11. Field Name: WATTENBERG Field Number: 90750

12. Ground Elevation: 4988 13. County: WELD

14. GPS Data:

Date of Measurement: 10/13/2010 PDOP Reading: 1.3 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 _____ FEL/FWL _____ Bottom Hole: FNL/FSL _____ FEL/FWL _____
510 FNL 510 FWL 510 FNL 510 FWL
Sec: 19 Twp: 2N Rng: 68W Sec: 19 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: 735 ft

18. Distance to nearest property line: 43 ft 19. Distance to nearest well permitted/completed in the same formation: 930 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	320	W2
J SAND	JSND	232-32	320	W2
NIOBRARA	NBRR	407-87	320	W2

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):
T2N-R68W SEC 24; N2NW4 SEC 19; N2N2NW4, N2N2S2N2NW4

25. Distance to Nearest Mineral Lease Line: 510 ft 26. Total Acres in Lease: 130

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	
1ST	7+7/8	4+1/2	11.6	0	8,292	290	8,292	7,202

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

33. Comments NO CONDUCTOR CASING WILL BE USED.

34. Location ID: _____

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: PERMITTING AGENT Date: 3/15/2011 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: 4/8/2011

API NUMBER 05 123 33314 00	Permit Number: _____	Expiration Date: <u>4/7/2013</u>
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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
400139184	FORM 2 SUBMITTED
400141379	LEASE MAP
400141380	30 DAY NOTICE LETTER
400141381	SURFACE AGRMT/SURETY
400141382	TOPO MAP
400141383	WELL LOCATION PLAT
400141384	EXCEPTION LOC WAIVERS
400141385	EXCEPTION LOC REQUEST
400142001	DEVIATED DRILLING PLAN

Total Attach: 9 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Agency	Operator has requested an exception location request for Rule 603.a.(2) for proximity to a property line, the encroachment has been waived by the adjacent owner.	4/8/2011 5:59:38 PM
Permit	Inserted plugging bond as per Opr-Nick. Corrected formation code and title of deviated drilling plan. sf	3/15/2011 3:44:59 PM

Total: 2 comment(s)

BMP

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

Total: 0 comment(s)