

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

Document Number:
400232000
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: Nick Curran Phone: (720)876-5288 Fax: (720)876-6288
Email: nick.curran@encana.com

7. Well Name: BEARDEN Well Number: 2-8-6

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

9. Proposed Total Measured Depth: 8440

WELL LOCATION INFORMATION

10. QtrQtr: NESW Sec: 6 Twp: 1N Rng: 68W Meridian: 6
Latitude: 40.076770 Longitude: -105.049930

Footage at Surface: 1371 feet FSL 1542 feet FWL

11. Field Name: WATTENBERG Field Number: 90750

12. Ground Elevation: 4978 13. County: WELD

14. GPS Data:
Date of Measurement: 08/19/2011 PDOP Reading: 1.4 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

50 FSL 1200 FWL 50 FSL 1200 FWL

Sec: 6 Twp: 1N Rng: 68W Sec: 6 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: 315 ft

18. Distance to nearest property line: 214 ft 19. Distance to nearest well permitted/completed in the same formation(BHL): 839 ft

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	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 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):

SEC 6: ALL THE SW LYING EAST OF THE WEST ROW LINE OF THE CB & RR

25. Distance to Nearest Mineral Lease Line: 50 ft 26. Total Acres in Lease: 60

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: CLOSE LOOP SYS WILL BE

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	725	265	725	0
1ST	7+7/8	4+1/2	11.6	0	8,440	179	8,440	7,324
			Stage Tool		5,417	155	5,417	4,290

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

33. Comments NO CONDUCTOR CASING WILL BE USED. NO OPEN HOLE LOGS WILL BE RAN. LOGS EXISTI WITHIN QTR QTR. Proposed 160 Acre Spacing Unit S2SW Sec. 6 1N68W & N2NW Sec. 7 1N68W.

34. Location ID: 336188

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: 12/15/2011 Email: NICK.CURRAN@ENCANA.

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: 1/15/2012

API NUMBER

05 123 34943 00

Permit Number: _____ Expiration Date: 1/14/2014

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 Mike Hickey by e-mail at Mike.Hickey@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
1771565	SURFACE CASING CHECK
400232000	APD APPROVED
400232897	WELL LOCATION PLAT
400232898	TOPO MAP
400232899	LEASE MAP
400232901	30 DAY NOTICE LETTER
400232902	DEVIATED DRILLING PLAN
400232904	OTHER
400232907	PROPOSED SPACING UNIT
400241119	FORM 2 SUBMITTED

Total Attach: 10 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Final Review Completed. No LGD or public comment received.	1/12/2012 11:19:42 AM
Permit	Changed from lot 1 to NESW & PSU to GWA. Added to comments: Proposed 160 Acre Spacing Unit S2SW Sec. 6 1N68W & N2NW Sec. 7 1N68W per operator.	12/20/2011 2:28:36 PM

Total: 2 comment(s)

BMP

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

Total: 0 comment(s)