

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



DE	ET	OE	ES
Document Number: 400231999			
PluggingBond SuretyID 20100017			

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 ☐

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: 2-4-6
8. Unit Name (if appl): _____ Unit Number: _____
9. Proposed Total Measured Depth: 8368

WELL LOCATION INFORMATION

10. QtrQtr: NESW Sec: 6 Twp: 1N Rng: 68W Meridian: 6
Latitude: 40.076900 Longitude: -105.049800

Footage at Surface: 1418 feet FNL/FSL 1579 feet FEL/FWL
FSL 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 FSL FEL/FWL Bottom Hole: FNL/FSL FSL FEL/FWL
2595 1200 2595 1200
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: 365 ft

18. Distance to nearest property line: 229 ft 19. Distance to nearest well permitted/completed in the same formation(BHL): 862 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	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):

Lots 15 & 16 of Westview Estates located in the SW of Sec 6 1N68W

25. Distance to Nearest Mineral Lease Line: 50 ft

26. Total Acres in Lease: 5

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	8,368	179	8,368	7,253
			Stage Tool		5,338	150	5,338	4,244

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 EXIST WITHIN QTR QTR. Proposed Spacing Unit N2SW Sec. 6 1N68W & S2NW Sec. 6 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 34942 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
400231999	APD APPROVED
400232833	WELL LOCATION PLAT
400232835	TOPO MAP
400232837	LEASE MAP
400232839	30 DAY NOTICE LETTER
400232841	DEVIATED DRILLING PLAN
400232842	OTHER
400232843	PROPOSED SPACING UNIT
400241118	FORM 2 SUBMITTED

Total Attach: 9 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 11:23:20 AM
Permit	Changed to Long: -105.04980, changed Lot 1 to NESW, added "Proposed Spacing Unit N2SW Sec. 6 1N68W & S2NW Sec. 6 1N68W" to operator comments and change PSU to "GWA". Changes OK per operator. OK to Pass pending 1/4/12.	1/3/2012 1:40:09 PM
Permit	ON HOLD: Requesting confirmation of surface lat/longs. Changed lot 1 to NESW. Added Proposed Spacing Unit N2SW Sec. 6 1N68W & S2NW Sec. 6 1N68W to operator comments. Changed PSU to GWA.	12/20/2011 2:39:18 PM
Permit	Operator corrected #19. This form has passed completeness.	12/15/2011 2:20:19 PM
Permit	Returned to draft. Missing #19.	12/15/2011 12:03:07 PM
Permit	Returned to draft. Missing #19.	12/15/2011 10:27:45 AM

Total: 6 comment(s)

BMP

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

Total: 0 comment(s)