

FORM
2

Rev
12/05

State of Colorado Oil and Gas Conservation Commission

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Date Received:

07/24/2013

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: Chris McRickard Phone: (720)876-5586 Fax: (720)876-6584

Email: chris.mcrickard@encana.com

7. Well Name: McConahay Well Number: 4B-34H-P266

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

9. Proposed Total Measured Depth: 11572

WELL LOCATION INFORMATION

10. QtrQtr: SESE Sec: 34 Twp: 2n Rng: 66w Meridian: 6

Latitude: 40.089170 Longitude: -104.756180

Footage at Surface: 688 feet FNL/FSL FSL 684 feet FEL/FWL FEL

11. Field Name: Wattenberg Field Number: 90750

12. Ground Elevation: 5077 13. County: WELD

14. GPS Data:

Date of Measurement: 07/02/2013 PDOP Reading: 1.3 Instrument Operator's Name: John Rice

15. If well is Directional Horizontal (highly deviated) **submit deviated drilling plan.**

Footage at Top of Prod Zone: FNL/FSL 914 FSL 631 FEL 631 Bottom Hole: FNL/FSL 900 FSL 775 FEL 775
Sec: 34 Twp: 2n Rng: 66w Sec: 34 Twp: 2n Rng: 66w

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: 678 ft

18. Distance to nearest property line: 646 ft 19. Distance to nearest well permitted/completed in the same formation(BHL): 241 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.)
NIOBRARA	NBRR		320	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):
 T2N R66W SEC 34: E/2E/2, except the north 260 feet thereof containing 7.88 acres, more or less (See Attached Mineral Lease Map); Horizontal Wellbore crosses lease lines within drilling and spacing unit; distance to lease line is 0'; distance to unit boundary is at least 460'.
 25. Distance to Nearest Mineral Lease Line: 0 ft 26. Total Acres in Lease: 152

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
CONDUCTOR	22	16	30	0	80	80	80	0
SURF	12+1/4	9+5/8	40	0	1,126	141	1,126	0
1ST	8+3/4	7	26	0	7,672	434	7,672	826
2ND	6+1/8	4+1/2	13.5	0	11,572	161	11,572	7,372

32. BOP Equipment Type: Annular Preventer Double Ram Rotating Head None
 33. Comments - This well is closer than 150' to the nearest permitted or producing BHL. A 318A.m. exception location request letter is attached.- Encana requests the approval of the omission of open hole logs; request letter attached.- Proposed spacing unit is T2N R66W SEC 34: S/2.- The distance to nearest well permitted/completed in the same formation (BHL) is found on page 8 of the Anti-Collision report.

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: Chris McRickard
 Title: Permitting Analyst Date: 7/24/2013 Email: chris.mcrickard@encana.com

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: _____ Director of COGCC Date: _____

API NUMBER Permit Number: _____ Expiration Date: _____
 05

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.

Data retrieval failed for the subreport 'IntPolicy_NTC' located at: \\W:\netpub\NetReports\policy_ntc.rdl. Please check th

Attachment Check List

Att Doc Num	Name
400445954	FORM 2 SUBMITTED
400446312	DIRECTIONAL DATA
400446397	WELL LOCATION PLAT
400449123	CONSULT NOTICE
400453667	MINERAL LEASE MAP
400453668	OFFSET WELL EVALUATION
400453669	OTHER
400454312	PROPOSED SPACING UNIT
400454951	SURFACE AGRMT/SURETY
400455588	DEVIATED DRILLING PLAN
400455592	DIRECTIONAL DATA

Total Attach: 11 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Returned to draft. Requested information on distance to nearest well and corrected proposed measured depth.	7/25/2013 7:17:55 AM

Total: 1 comment(s)

BMP

<u>Type</u>	<u>Comment</u>
Drilling/Completion Operations	- Encana will comply with the "COGCC Policy for Bradenhead Monitoring During Hydraulic Fracturing Treatments in the Greater Wattenberg Area", dated May 29, 2012.
Drilling/Completion Operations	- Prior to drilling operations, Operator will perform an anti-collision scan of existing offset wells that have the potential of being within close proximity of the proposed well. This anti-collision scan will include definitive MWD or gyro surveys of the offset wells with included error of uncertainty per survey instrument, and compared against the proposed wellpath with its respective error of uncertainty. If current surveys do not exist for the offset wells, Operator may have gyro surveys conducted to verify bottomhole location. The proposed well will only be drilled if the anti-collision scan results indicate that there is not a risk for collision, or harm to people or the environment. For the proposed well, upon conclusion of drilling operations, an as-constructed gyro survey will be submitted to COGCC with the Form 5.

Total: 2 comment(s)