

FORM

2

Rev
12/05

State of Colorado

Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80203 Phone: (303) 894-2100 Fax: (303) 894-2109



Document Number:

400367942

Date Received:

05/14/2013

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 ☐

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: Bonnie Lamond Phone: (720)876-5156 Fax: (720)876-6177

Email: bonnie.lamond@encana.com

7. Well Name: CANNON Well Number: 22-17

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

9. Proposed Total Measured Depth: 8020

WELL LOCATION INFORMATION

10. QtrQtr: SENW Sec: 17 Twp: 2N Rng: 66W Meridian: 6

Latitude: 40.139930 Longitude: -104.802050

Footage at Surface: 1974 feet FNL/FSL FNL 2379 feet FEL/FWL FWL

11. Field Name: WATTENBERG Field Number: 90750

12. Ground Elevation: 4875 13. County: WELD

14. GPS Data:

Date of Measurement: 10/05/2012 PDOP Reading: 1.9 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 FEL/FWL Bottom Hole: FNL/FSL FEL/FWL
 1980 FNL 1905 FWL 1980 FNL 1905 FWL
 Sec: 17 Twp: 2N Rng: 66W Sec: 17 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: 249 ft

18. Distance to nearest property line: 254 ft 19. Distance to nearest well permitted/completed in the same formation(BHL): 1106 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	GWA	160	NW/4
NIOBRARA	NBRR	GWA	160	NW/4

21. Mineral Ownership: ☒ Fee ☐ State ☐ Federal ☐ Indian Lease #: _____22. Surface Ownership: ☒ Fee ☐ State ☐ Federal ☐ Indian23. 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):

2N 66W SEC 17; NW/4

25. Distance to Nearest Mineral Lease Line: 661 ft 26. Total Acres in Lease: 160

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	780	300	780	0
1ST	7+7/8	4+1/2	11.6	0	8,020	170	8,020	6,970
			Stage Tool		4,888	90	4,888	4,317

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

33. Comments The subject well has shifted to a new surface hole location. New location footages are on the re-file permit. Bottom hole location will remain the same. Subject well is closest to an above ground utility, ~249' away. No conductor casing will be used. Proposed unit configuration: 2N 66W Sec. 17: NW/4. Encana Oil & Gas (USA) Inc. requests the approval of a 318A(l).a.(1) exception location as the wellhead is to be located outside of a GWA drilling window. Request letter and waiver attached

34. Location ID: 309908

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: Bonnie Lamond

Title: Permitting Technician Date: 5/14/2013 Email: bonnie.lamond@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

05 123 25568 00

Permit Number: _____ Expiration Date: _____

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_NTO' located at: W:\Instrpub\Net\Reports\policy_nto.rdl. Please check th

Attachment Check List

Att Doc Num	Name
400367942	FORM 2 SUBMITTED
400411478	WELL LOCATION PLAT
400411497	EXCEPTION LOC REQUEST
400411498	EXCEPTION LOC WAIVERS
400417416	DEVIATED DRILLING PLAN
400417417	DIRECTIONAL DATA
400417940	SURFACE AGRMT/SURETY
400417943	30 DAY NOTICE LETTER
400417956	OTHER
400418177	PROPOSED SPACING UNIT

Total Attach: 10 Files

General Comments

User Group	Comment	Comment Date
Permit	Returned to draft. Requested objective formation correction, clarification of operator comments, and corrected lease description.	5/21/2013 6:44:54 AM
Permit	Returned to draft at oper.'s request.	5/15/2013 12:39:54 PM
Permit	Returned to draft: 1) TD on permit does not match TD on dev. drlg. plan. Is casing program correct? 2) #22 has to be "YES".	5/15/2013 9:39:15 AM

Total: 3 comment(s)

BMP

Type	Comment

Total: 0 comment(s)