

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:

400455401

Date Received:

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

Email: chris.mcrickard@encana.com

7. Well Name: Minch Well Number: 4-6-4

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

9. Proposed Total Measured Depth: 8383

WELL LOCATION INFORMATION

10. QtrQtr: NWSW Sec: 4 Twp: 3n Rng: 68w Meridian: 6

Latitude: 40.252140 Longitude: -105.016080

Footage at Surface: 1637 feet FNL/FSL 453 feet FEL/FWL FWL

11. Field Name: Wattenberg Field Number: 90750

12. Ground Elevation: 5077 13. County: WELD

14. GPS Data:

Date of Measurement: 01/17/2013 PDOP Reading: 2.2 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 1380 FSL 2611 FWL 1380 FSL 2611 FWL
Bottom Hole: FNL/FSL 1380 FSL 2611 FWL
Sec: 4 Twp: 3n Rng: 68w Sec: 4 Twp: 3n 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: 349 ft

18. Distance to nearest property line: 310 ft 19. Distance to nearest well permitted/completed in the same formation(BHL): 920 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.)
J-NIOBRARA-CODELL	JNBCD		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):

4T3N R68WSEC 4: N/2S/2,(N/2 S/2 less and except "Beginning at the East Quarter Corner of said section; thence westerly along the East and West Center Line of said section 2223 feet; thence 2035 feet southeasterly to a point on the East and West Center Line of the SE4 of said section 670 feet west of the SE Corner of the NE4SE4 of said section. thence east on said line 670 feet to said last mentioned Corner; thence north on East Line of said section to the place of beginning, containing 47.12 acres more or less Section 4 T3N, R68W, Weld County, Colorado) - SEE ATTACHED MAP.

25. Distance to Nearest Mineral Lease Line: 49 ft

26. Total Acres in Lease: 110

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	700	270	700	0
1ST	7+7/8	4+1/2	11.6	0	8,383	180	8,383	7,313

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

33. Comments - No conductor casing will be utilized. - Encana requests the approval of 318A.a.(1) exception location as the well head is to be located outside of a GWA drilling window. Request letter and waivers attached. - Encana also requests the approval of the omission of open hole logs, request letter attached.- Proposed spacing unit is E2SW4, W2SE4 Sec. 4 T3N, R68W.

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: _____ 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

05

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:\Inetpub\NetReports\policy_nto.rdl. Please check th

Attachment Check List

Att Doc Num	Name
400458683	CONSULT NOTICE
400458693	MINERAL LEASE MAP
400458704	WELL LOCATION PLAT
400458741	PROPOSED SPACING UNIT
400458988	OTHER
400459961	EXCEPTION LOC REQUEST
400459962	EXCEPTION LOC WAIVERS
400459963	DEVIATED DRILLING PLAN
400459964	DIRECTIONAL DATA

Total Attach: 9 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>

Total: 0 comment(s)

BMP

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

Total: 0 comment(s)