

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:

400403101

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) INC4. COGCC Operator Number: 1001855. Address: 370 17TH ST STE 1700City: DENVER State: CO Zip: 80202-56326. Contact Name: Alexis Bidgood Phone: (720)8763074 Fax: ()Email: Alexis.Bidgood@encana.com7. Well Name: MCU Fee Well Number: 17-16B

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

9. Proposed Total Measured Depth: 10509

WELL LOCATION INFORMATION

10. QtrQtr: SWSW Sec: 16 Twp: 7S Rng: 93W Meridian: 6Latitude: 39.439894 Longitude: -107.783227

Footage at Surface: 554 feet FNL/FSL 1285 feet FEL/FWL FWL

11. Field Name: Mamm Creek Field Number: 5250012. Ground Elevation: 7887 13. County: GARFIELD

14. GPS Data:

Date of Measurement: 07/22/2010 PDOP Reading: 0.0 Instrument Operator's Name: Ted Taggart15. If well is ☒ Directional ☐ Horizontal (highly deviated) **submit deviated drilling plan.**

Footage at Top of Prod Zone: FNL/FSL 968 FSL 1138 FWL FWL Bottom Hole: FNL/FSL 968 FSL 1138 FEL FEL
 Sec: 16 Twp: 7S Rng: 93W Sec: 17 Twp: 7S Rng: 93W

16. Is location in a high density area? (Rule 603b)? ☐ Yes ☒ No17. Distance to the nearest building, public road, above ground utility or railroad: 815 ft18. Distance to nearest property line: 554 19. Distance to nearest well permitted/completed in the same formation(BHL): 430 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.)
Williams Fork	WMFK	139-111		

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 ☐ No23b. 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):

T7S-R93W; Sec. 4: Lots 1, 2, E2SW; Sec. 8: S2NW, N2SW; Sec. 9: E2W2, NWNE; Sec. 16: SWNW, NWSW; Sec. 17: E2SE.

25. Distance to Nearest Mineral Lease Line: 145 ft

26. Total Acres in Lease: 643

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	24+0/0	16+0/0	.25" Wall	0	60	5	60	
SURF	12+1/4	9+5/8	36	0	1,234	452	1,234	
1ST	7+7/8	4+1/2	11.6	0	10,509	869	10,509	

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

33. Comments A sundry to change BHL, TD, surface and production casing from the original APD was approved on 03/28/2013. Will be a tapered hole. Conductor casing casing size will go from 0-60', with a 24" hole and 16" casing size. Surface casing will go from 0-200' with a hole size of 14-3/4" and casing size of 9-5/8". Surface casing will continue from 200'- 1234' with a hole size of 12-1/4" and casing size of 9-5/8" Production casing will go from 0-8334' with hole size of 8-3/4" and casing size of 4-1/2". And continue on from 8334'-10509' with a hole size of 7-7/8" and casing size of 4-1/2". A revised Plat and directional survey are attached. All other attachments remain the same.

34. Location ID: 422418

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: Alexis Bidgood

Title: Permitting Analyst Date: _____ Email: Alexis.Bidgood@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

05 045 20696 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.

Date retrieval failed for the subreport 'IntPolicy_MTO' located at: W:\testpub\Net\Report\policy_ntr_rdl. Please check th

Attachment Check List

Att Doc Num	Name
400403546	PLAT
400403548	DIRECTIONAL DATA

Total Attach: 2 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
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Total: 0 comment(s)

BMP

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