

Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80205 Phone: (303) 894-2100 Fax: (303) 894-2109



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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 ☐

Document Number:

400169794

Plugging Bond Surety

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: Julia Carter Phone: (720)876.5240 Fax: (720)876.6240
Email: Julia.Carter@encana.com7. Well Name: DW Well Number: 8609A-28 P284968. Unit Name (if appl): Double Willow Unit Number: COC67498X9. Proposed Total Measured Depth: 12662

WELL LOCATION INFORMATION

10. QtrQtr: SESE Sec: 28 Twp: 4S Rng: 96W Meridian: 6Latitude: 39.668014 Longitude: -108.165708Footage at Surface: 712 feet FNL/FSL 444 feet FEL/FWL FEL11. Field Name: Wildcat Field Number: 9999912. Ground Elevation: 7791 13. County: GARFIELD

14. GPS Data:

Date of Measurement: 09/17/2010 PDOP Reading: 1.4 Instrument Operator's Name: Robert Kay15. If well is ☒ Directional ☐ Horizontal (highly deviated) **submit deviated drilling plan.**Footage at Top of Prod Zone: FNL/FSL 2611 FSL 1314 FEL/FWL 2611 FSL 1314 FEL/FWL FEL
Sec: 28 Twp: 4S Rng: 96W Sec: 28 Twp: 4S Rng: 96W16. Is location in a high density area? (Rule 603b)? ☐ Yes ☒ No17. Distance to the nearest building, public road, above ground utility or railroad: 4500 ft18. Distance to nearest property line: 1135 ft 19. Distance to nearest well permitted/completed in the same formation: 206 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.)
Iles	ILES			
Williams Fork	WMFK			

21. Mineral Ownership: ☐ Fee ☐ State ☒ Federal ☐ Indian Lease #: COC6555522. 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 ☐ 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):

T4S, R96W, Sec 28: E2; Sec 29 & 30: S2; Sec 31 & 32: ALL

25. Distance to Nearest Mineral Lease Line: 1341 ft

26. Total Acres in Lease: 2130

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: Recycle & Bury

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	26	20	Line Pipe	0	120		120	0
SURF	14+3/4	9+5/8	36#	0	2,000	626	2,000	0
1ST	7+7/8	4+1/2	11.6#	0	12,662	1,214	12,662	

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

33. Comments Encana Oil & Gas (USA) Inc. owns surface. Please note cement will be run to surface for both conductor and surface casing. The surface casing hole size will be 14-3/4", 12-1/4" or 13-1/2". Production casing hole size will be both 7-7/8" and 8-3/4". Production casing cement top will be at least 200' above WMFK. Distance on #17 taken from the nearest public road. Onsite was 10/13/10 with the BLM.

34. Location ID: 421886

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: Julia M. Carter

Title: Regulatory Analyst Date: _____ Email: Julia.Carter@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.

Attachment Check List

Att Doc Num	Name
400169795	MINERAL LEASE MAP
400169796	OTHER
400169797	TOPO MAP
400169798	PLAT
400169799	DEVIATED DRILLING PLAN
400169800	FED. DRILLING PERMIT

Total Attach: 6 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)