

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:

400301976

Date Received:

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: Heather Mitchell Phone: (720)876-3070 Fax: (720)876-4070
Email: heather.mitchell@encana.com

7. Well Name: Latham DHS Well Number: 2C-13 O12 8100

8. Unit Name (if appl): McKay Fork Unit Unit Number: 75338X

9. Proposed Total Measured Depth: 12513

WELL LOCATION INFORMATION

10. QtrQtr: 4 Sec: 12 Twp: 8S Rng: 100W Meridian: 6
Latitude: 39.370681 Longitude: -108.492781

Footage at Surface:	1050	feet	FNL/FSL	484	feet	FEL/FWL
			FSL			FEL

11. Field Name: Wildcat Field Number: 99999

12. Ground Elevation: 6725 13. County: GARFIELD

- #### 14. GPS Data:

- Date of Measurement: 04/14/2012 PDOP Reading: 1.3 Instrument Operator's Name: Ben Johnson

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

<u>400</u>	<u>FSL</u>	<u>351</u>	<u>FEL</u>	<u>650</u>	<u>FSL</u>	<u>470</u>	<u>FEL</u>
Sec: <u>12</u>	Twp: <u>8S</u>	Rng: <u>100</u>	<u>W</u>	Sec: <u>13</u>	Twp: <u>8S</u>	Rng: <u>100</u>	<u>W</u>

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: 1260 ft

18. Distance to nearest property line: 269 ft 19. Distance to nearest well permitted/completed in the same formation(BHL): 1327 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.)
Mancos	MNCS			

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):

FEE OGL (SHL OGL and part of wellbore path) - 8S-99W-Sec. 17: Resurvey Tract 47, Section 18: Tracts 46 and 47 T8S-R100W-Sec. 10: N/2SE, SESE Sec. 11: N/2S/2, SWSW Sec. 12: Lot 4, S/2SW Sec. 13: Lot 1, NENW COC 12750 (final BHL) - T8S-R99W-Sec. 18: Lots 11, 12, 13, 14, 15, 17, 18, 19, 20, 21, 22, 23, 24, E/2SW, S/2SE T8S-R100W-Sec. 11: SESW, S/2SE, Sec. 13: Lots 3, 4, SW Sec. 14: E/2W/2, E/2

25. Distance to Nearest Mineral Lease Line: 1975 ft

26. Total Acres in Lease: 1244

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 and 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	30	20	Line pipe	0	120	319	120	0
SURF	14+3/4	10+3/4	40.5	0	1,000	469	1,000	0
2ND	9+7/8	7+5/8	26.4	0	6,225	720	6,225	
3RD	6+3/4	4+1/2	12	0	12,513	565	12,513	

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

33. Comments Distance in #17 is to the nearest public road. This well is fee surface and fee/fed minerals. Conductor and surface casing will be run to surface. 2nd String will be cemented to 200' above top of Gas. 3rd string is tapered and is both 5 1/2 and 4 1/2. 3rd string will be cemented 200' into the 2nd string.

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: Heather Mitchell

Title: Regulatory Analyst Date: _____ Email: heather.mitchell@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
400301983	WELL LOCATION PLAT
400301984	DEVIATED DRILLING PLAN
400301985	DIRECTIONAL DATA

Total Attach: 3 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)