

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:

400302013

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: 7C-13 O12 8100

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

9. Proposed Total Measured Depth: 12869

WELL LOCATION INFORMATION

10. QtrQtr: 4 Sec: 12 Twp: 8S Rng: 100W Meridian: 6

Latitude: 39.370733

Longitude: -108.493019

Footage at Surface:	1070	feet	FNL/FSL	553	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	
<u>390</u>	FSL	<u>667</u>	FWL
Sec: <u>12</u>	Twp: <u>8S</u>	Rng: <u>100</u>	<u>W</u>

Bottom Hole:

FNL/FSL		FEL/FWL	
<u>650</u>	FSL	<u>661</u>	FWL
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: 250 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) - 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 13423 - T8S-R100W-Sec. 13: NWNW, S/2NW 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: 1981 ft

26. Total Acres in Lease: 1243

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	6,114	710	6,114	
3RD	6+3/4	4+1/2	12	0	12,868	606	12,868	

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

33. Comments Distance in #17 is from the nearest road. The surface is fee and minerals are fee/fed. The conductor and surface casing are run to surface. The 2nd string is cemented 200' above TOG. The 3rd string is cemented 200' into the second string. The 3rd string is tapered, 5 1/2 & 4 1/2

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
400302023	DEVIATED DRILLING PLAN
400302024	WELL LOCATION PLAT
400302025	DIRECTIONAL DATA

Total Attach: 3 Files

General Comments

User Group	Comment	Comment Date

Total: 0 comment(s)

BMP

Type	Comment

Total: 0 comment(s)