

Page 1 of 3

21. Mineral Ownership: ☐ Fee ☐ State ☒ Federal ☐ Indian Lease #: COC10374

22. Surface Ownership: ☐ Fee ☐ State ☒ Federal ☐ Indian

23. Is the Surface Owner also the Mineral Owner? ☒ Yes ☐ No Surface Surety ID#: 0

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 Bon ☐ \$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):
T6S, R100W, Section 29: Lots 1 thru 8, W1/2NW1/4, N1/2SW1/4; Section 30: Lots 5 thru 8, E1/2W1/2, E1/2 ALL; Section 31: Lots 5 thru 10, NE1/4, E1/2NW1/4, N1/2SE1/4, E1/2SW1/4, Tr. 46 located in Sections 20,21,28 and 29; T6S R101W, Section 25: E1/2; Section 36: E1/2, SW1/4

25. Distance to Nearest Mineral Lease Line: 595 ft 26. Total Acres in Lease: 2528

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 27 or 28 are yes, is this location in a sensitive area (Rule 903)? ☐ Yes ☐ No If 28, 29, or 30 are "Yes" a pit permit may be required.

31. Mud disposal: ☐ Offsite ☒ Onsite

Method: ☐ Land Farming ☐ Land Spreading ☐ Disposal Facility Other: Recycle, Amend 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	Weight Per Foot	Setting Depth	Sacks Cement	Cement Bottom	Cement Top
CONDUCTOR	30	20	Line Pipe	120	319	120	0
SURF	13+1/2	10+3/4	40.5	1,800	513	1,800	0
1ST	9+7/8	7+5/8	29.7	5,972 <u>37</u>	289 <u>286</u>	5,972 <u>37</u>	3,278
2ND	6+1/2	4+1/2	13.5	13,955 <u>80</u>	620 <u>624</u>	13,955 <u>80</u>	5,772 <u>37</u>

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

33. Comments Item 17. Distance to nearest public road is 156' to CR 204. Surface hole: 13-1/2" or 14-3/4", Intermediate Hole: 9-7/8", Production hole: 6-1/2", Intermediate Cmt Top calc 500' above TOG. On-sites 4/8/10 with BLM; 5/20/10 BLM, USFWS and WestWater Engineering. Item 25. Distance to nearest Mineral lease line 595' SE. Item 19. Distance to nearest well permitted/completed in the same formation ~~906' to Fed 23-29~~ 898' From CB Fed 6304

34. Location ID: 0

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: Judith Walter

Title: Regulatory Analyst Date: 8/9/2010 Email: judith.walter@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	Doc Description
400075857	FORM 2 SUBMITTED	400075857.pdf
400083450	WELL LOCATION PLAT	1_CB FED DH08-29 (A28 6100) plat.pdf
400083451	DEVIATED DRILLING PLAN	2_Encana CB DH08-29 A28 6100 Deviated Drilling Plan Plan #2.pdf
400083452	DRILLING PLAN	3_CB Fed DH08-29 A28 6100 Drilling Plan.pdf
400083453	LOCATION PICTURES	4_CB FED DH08-29 (A28 6100) Location Pictures.pdf
400083454	CONST. LAYOUT DRAWINGS	5_CB FED DH08-29 (A28 6100) Construction Layout Drawings.pdf
400083455	CONST. LAYOUT DRAWINGS	6_DH08-29 (A28 6100) Location Disturbance.pdf
400083456	LOCATION DRAWING	7_DH08-29 (A28 6100) Location drawing.pdf
400083457	TOPO MAP	8_Topo 1 DH08-29 (A28 6100) (A,B & Directions) .pdf
400083458	TOPO MAP	9_Topo 2 DH08-29 (A28 6100) (C & W).pdf
400083459	TOPO MAP	10_Topo 3 DH08-29 (A28 6100) (D & D2 Pipelines).pdf
400083461	FED. DRILLING PERMIT	11_CB Fed DH08-29 A28 6100 Fed Drilling Permit.pdf
400083474	OTHER	CB Fed A28 6100 COGCC BHL Lat Longs other.pdf

Total Attach: 13 Files

*Deviated
See Directional Plan #3*

Changes!

9. TD to 13980' MD

19. to 898'

Casing Changes

33. Note ^{Item} 19. 898' From CB Fed 6304.

*Justin Walter
11/18/10*