

FORM

2

Rev
12/05

State of Colorado

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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Document Number:

400075832

Plugging Bond Surety

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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 ZONE ☐ COMMINGLE ZONE ☐
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: Judith Walter Phone: (720)876-3702 Fax: (720)876-4702

Email: judith.walter@encana.com

7. Well Name: CB Fed Well Number: DH03-21 A286100

8. Unit Name (if appl): Cedar Bench Unit Number: COC48964X

9. Proposed Total Measured Depth: 13959

WELL LOCATION INFORMATION

10. QtrQtr: NENE Sec: 28 Twp: 6S Rng: 100W Meridian: 6

Latitude: 39.510025 Longitude: -108.551153

 Footage at Surface: 690 FNL/FSL FNL FEL
 465 FEL/FWL FEL

11. Field Name: Gasaway Field Number: 29560

12. Ground Elevation: 6654 13. County: GARFIELD

14. GPS Data:

Date of Measurement: 03/02/2010 PDOP Reading: 1.3 Instrument Operator's Name: Robert Kay

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
 227 FSL 877 FEL 813 FSL 1724 FWL
 Sec: 21 Twp: 6S Rng: 100 W Sec: 16 Twp: 6S Rng: 100 W
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: 156 ft

18. Distance to nearest property line: 465 ft 19. Distance to nearest well permitted/completed in the same formation: 3473 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 #: COC13801

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 16: S1/2, NW1/4; Sec 17: Lots 1-4, N1/2, W1/2 SW 1/4, E1/2 SE 1/4; Sec 18: Lots 5-8, E1/2 NW1/4, NE1/4 SW1/4, W1/2 NE1/4, NW1/4 SE1/4, E1/2 E1/2; Sec 20: W1/2 W1/2

25. Distance to Nearest Mineral Lease Line: 813 ft 26. Total Acres in Lease: 1739

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+1/2	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	5,971	292	5,971	3,256
2ND	6+1/2	4+1/2	13.5	13,956	620	13,956	5,771

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", 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 19. Distance to nearest well permitted/completed in the same formation 3473' to Cedar Bench Federal 6305.

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: _____

Permit Number: _____ Expiration Date: _____

API NUMBER

05

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
400075832	FORM 2 SUBMITTED	400075832.pdf
400083462	WELL LOCATION PLAT	1_CB FED DH03-21 (A28 6100) Plat.pdf
400083463	DEVIATED DRILLING PLAN	2_Encana CB DH03-21 A28 6100 Deviated Drilling Plan #2.pdf
400083469	TOPO MAP	8_Topo's 1 DH03-21 (A28 6100) (A,B & directions).pdf
400083470	TOPO MAP	9_Topo's 2 DH03-21 (A28 6100) (C & W).pdf
400083471	TOPO MAP	10_Topo's 3 DH03-21 (A28 6100) (D & D2 Pipelines).pdf
400083473	OTHER	CB Fed A28 6100 COGCC BHL Lat Longs other.pdf
400083475	FED. DRILLING PERMIT	11_CB Fed DH03-21 A28 6100 Fed Drilling Permit.pdf

Total Attach: 8 Files