

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:

400084565

Plugging Bond Surety

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) INC4. COGCC Operator Number: 1001855. Address: 370 17TH ST STE 1700City: DENVER State: CO Zip: 80202-56326. Contact Name: DeAnne Spector Phone: (720)876-5826 Fax: (720)876-6826Email: deanne.spector@encana.com7. Well Name: Benjamin Federal Well Number: 28-13B1 (K28NW)8. Unit Name (if appl): Grass Mesa Unit Number: COC056608
X9. Proposed Total Measured Depth: 9326

WELL LOCATION INFORMATION

10. QtrQtr: NESW Sec: 28 Twp: 6S Rng: 93W Meridian: 6Latitude: 39.494734 Longitude: -107.780792Footage at Surface: 1751 FNL/FSL FSL 2437 FEL/FWL FWL11. Field Name: Mamm Creek Field Number: 5250012. Ground Elevation: 5941 13. County: GARFIELD

14. GPS Data:

Date of Measurement: 06/11/2010 PDOP Reading: 2.8 Instrument Operator's Name: C.D. Slaugh15. 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>1020</u>	<u>FSL</u>	<u>240</u>	<u>FWL</u>	<u>1020</u>	<u>FSL</u>
<u>240</u>	<u>FWL</u>	<u>240</u>	<u>FWL</u>	<u>240</u>	<u>FWL</u>
Sec: <u>28</u>	Twp: <u>6S</u>	Rng: <u>93W</u>	Sec: <u>28</u>	Twp: <u>6S</u>	Rng: <u>93W</u>

16. Is location in a high density area? (Rule 603b)? ☐ Yes ☒ No17. Distance to the nearest building, public road, above ground utility or railroad: 550 ft18. Distance to nearest property line: 427 ft 19. Distance to nearest well permitted/completed in the same formation: 1730 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 #: 054737

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 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-R93W: Sec. 28: W2W2

25. Distance to Nearest Mineral Lease Line: 240 ft 26. Total Acres in Lease: 160

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: _____

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	24+0/0	16+0/0	.25	40	5	40	0
SURF	12+1/4	9+5/8	36	1,398	433	1,398	0
1ST	7+7/8	4+1/2	11.6	9,326	820	9,326	0

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

33. Comments Distance from well to public road is 550'. Blanket waiver letter is included with this permit. Intermediate casing will be 200'>MSVD; production TOC will be 500' inside the intermediate casing.

34. Location ID: 335428

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: DeAnne Spector

Title: Regulatory Analyst Date: _____ Email: deanne.spector@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
400084576	PLAT	Benjamin Federal 28-13B1 Plat (K28NW).pdf
400084577	DEVIATED DRILLING PLAN	Benjamin Federal 28-13B1 Drilling Plan #1.pdf
400085099	SURFACE AGRMT/SURETY	K28NW SDA.pdf
400088170	FED. DRILLING PERMIT	Fed Permit.pdf
400090845	WAIVERS	Petrogulf - Blanket Waiver.pdf

Total Attach: 5 Files