

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:

400125947

Plugging Bond Surety

20100017

**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: Jevin Croteau Phone: (720)876-5339 Fax: (720)876-6339  
Email: jevin.croteau@encana.com  
7. Well Name: Cook Gardner Well Number: 20-4BB (PB-20)  
8. Unit Name (if appl): \_\_\_\_\_ Unit Number: \_\_\_\_\_  
9. Proposed Total Measured Depth: 7281

**WELL LOCATION INFORMATION**

10. QtrQtr: NWNE Sec: 20 Twp: 7S Rng: 95W Meridian: 6  
Latitude: 39.427620 Longitude: -108.019660

Footage at Surface: 1040 feet FNL/FSL FNL 2299 feet FEL/FWL FEL

11. Field Name: Parachute Field Number: 67350  
12. Ground Elevation: 5646 13. County: GARFIELD

14. GPS Data:

Date of Measurement: 09/12/2009 PDOP Reading: 0.0 Instrument Operator's Name: Ted Taggart

15. If well is ☒ Directional ☐ Horizontal (highly deviated) **submit deviated drilling plan.**

Footage at Top of Prod Zone: FNL/FSL 363 FNL 787 FWL 363 FNL 787 FWL  
Bottom Hole: FNL/FSL 363 FNL 787 FWL  
Sec: 20 Twp: 7S Rng: 95W Sec: 20 Twp: 7S Rng: 95W

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: 830 ft

18. Distance to nearest property line: 319 ft 19. Distance to nearest well permitted/completed in the same formation: 360 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.)
Williams Fork	WMFK	440-52		

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 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):  
NENE, S2NE, E2NWNW of Sec. 20; Lots 3 & 4 of Sec. 28; and SSW of Sec. 21, T7S, R95W

25. Distance to Nearest Mineral Lease Line: \_\_\_\_\_ 363 ft \_\_\_\_\_ 26. Total Acres in Lease: \_\_\_\_\_ 345 \_\_\_\_\_

### 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: \_\_\_\_\_

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	24	16	65		40	118	40	0
SURF	12+1/4	9+5/8	36		1,092	293	1,092	0
1ST	7+7/8	4+1/2	11.6		7,281	489	7,281	4,819

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

33. Comments Section 20 is covered by Communitization Agreement #COC-070835.

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: Jevin Croteau

Title: Regulatory Analyst Date: 1/20/2011 Email: jevin.croteau@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: David S. Neslin Director of COGCC Date: 3/25/2011

API NUMBER 05 045 20554 00	Permit Number: _____	Expiration Date: 3/24/2013
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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.

1) COMPLIANCE WITH THE MOST CURRENT REVISION OF THE NORTHWEST COLORADO NOTIFICATION POLICY IS REQUIRED.

2) GARFIELD COUNTY RULISON FIELD NOTICE TO OPERATORS. NOTE: ALL NOTICES SHALL BE GIVEN VIA E-MAIL. SEE ATTACHED NOTICE

3) THE PROPOSED SURFACE CASING IS MORE THAN 50' BELOW THE DEPTH OF THE DEEPEST WATER WELL WITHIN 1 MILE OF THE SURFACE LOCATION WHEN CORRECTED FOR ELEVATION DIFFERENCES. THE DEEPEST WATER WELL WITHIN 1 MILE IS 280 FEET DEEP.

### **Attachment Check List**

Att Doc Num	Name
400125947	FORM 2 SUBMITTED
400125996	TOPO MAP
400125997	30 DAY NOTICE LETTER
400125998	SURFACE AGRMT/SURETY
400125999	PLAT
400126000	WELL LOCATION PLAT
400126001	DEVIATED DRILLING PLAN

Total Attach: 7 Files

### **General Comments**

<b><u>User Group</u></b>	<b><u>Comment</u></b>	<b><u>Comment Date</u></b>

Total: 0 comment(s)

### **BMP**

<b><u>Type</u></b>	<b><u>Comment</u></b>

Total: 0 comment(s)