

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:

400021809

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 &amp; 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: DeAnne Spector Phone: (720)876-5826 Fax: (720)876-6060

Email: deanne.spector@encana.com

7. Well Name: Federal Gardner Well Number: 20-7BB (PN20)

8. Unit Name (if appl): Unit Number:

9. Proposed Total Measured Depth: 7841

## WELL LOCATION INFORMATION

10. QtrQtr: SESW Sec: 20 Twp: 7S Rng: 95W Meridian: 6

Latitude: 39.418620 Longitude: -108.022320

Footage at Surface: 1066 FNL/FSL 2175 FEL/FWL  
FSL FWL

11. Field Name: Parachute Field Number: 67350

12. Ground Elevation: 5782 13. County: GARFIELD

## 14. GPS Data:

Date of Measurement: 06/03/2008 PDOP Reading: -1.0 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 FEL/FWL Bottom Hole: FNL/FSL FEL/FWL  
1520 FNL 1980 FEL 1520 FNL 1980 FEL  
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: 2640 ft

18. Distance to nearest property line: 319 ft 19. Distance to nearest well permitted/completed in the same formation: 305 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	139-48		
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):  
T7S-R95W Sec 20: NENE, S2NE, SENW, E2NWNW; Sec 21: S2SW; Sec 28: Lots 3, 4

25. Distance to Nearest Mineral Lease Line: \_\_\_\_\_ 191 ft \_\_\_\_\_ 26. Total Acres in Lease: \_\_\_\_\_ 344 \_\_\_\_\_

### 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 wall	40	5	40	0
SURF	12+1/4	8+5/8	24	800	512	800	0
1ST	7+7/8	4+1/2	11.6	7,841	827	7,841	800

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

33. Comments The subject well falls under the S. Parachute GAP that was approved by the BLM 6/2006. A copy of the GAP has been given to the COGCC for their records.

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: 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
400021814	PLAT	Plat PN-20 August 31, 2009.pdf
400021815	CONST. LAYOUT DRAWINGS	Construction August 31 2009.pdf
400021816	TOPO MAP	TOPO (PN20).pdf
400021817	ACCESS ROAD MAP	Road (PN20).pdf
400021818	LOCATION PICTURES	Pictures (PN20).pdf
400021819	DRILLING PLAN	Drill Plan.pdf
400021820	DEVIATED DRILLING PLAN	Federal Gardner 20-7BB Rev-A.0 Plan 09.16.09.pdf

Total Attach: 7 Files