

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



DE	ET	OE	ES
----	----	----	----

Document Number:

400169959

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) INC 4. COGCC Operator Number: 100185

5. Address: 370 17TH ST STE 1700  
City: DENVER State: CO Zip: 80202-5632

6. Contact Name: Julia Carter Phone: (720)876.5240 Fax: (720)876.6240  
Email: Julia.Carter@encana.com

7. Well Name: DW Well Number: 8616E-28 P28496

8. Unit Name (if appl): Double Willow Unit Number: COC67498X

9. Proposed Total Measured Depth: 12269

WELL LOCATION INFORMATION

10. QtrQtr: SESE Sec: 28 Twp: 4S Rng: 96W Meridian: 6  
Latitude: 39.667839 Longitude: -108.165708

Footage at Surface: 648 feet FNL/FSL 445 feet FEL/FWL FEL

11. Field Name: Wildcat Field Number: 99999

12. Ground Elevation: 7791 13. County: GARFIELD

14. GPS Data:

Date of Measurement: 09/17/2010 PDOP Reading: 1.9 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 326 FSL 1296 FEL 326 FSL 1296 FEL 326 FSL 1296 FEL 326  
Sec: 28 Twp: 4S Rng: 96W Sec: 28 Twp: 4S Rng: 96W

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: 4500 ft

18. Distance to nearest property line: 1090 ft 19. Distance to nearest well permitted/completed in the same formation: 206 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 #: COC65555

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 Bond ☐ \$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):  
T4S, R96W, Sec 28: E2; Sec 29 & 30: S2; Sec 31 & 32: ALL

25. Distance to Nearest Mineral Lease Line: 326 ft 26. Total Acres in Lease: 2130

### 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: Recycle & 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	Wt/Ft	Csg/Liner Top	Setting Depth	Sacks Cmt	Cmt Btm	Cmt Top
CONDUCTOR	26	20	Line Pipe	0	120		120	0
SURF	14+3/4	9+5/8	36#	0	2,000	626	2,000	0
1ST	7+7/8	4+1/2	11.6#	0	12,269	1,170	12,269	

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

33. Comments Encana Oil & Gas (USA) Inc. owns surface. Please note cement will be run to surface for both conductor and surface casing. The surface casing hole size will be 14-3/4", 12-1/4" or 13-1/2". Production casing hole size will be both 7-7/8" and 8-3/4". Production casing cement top will be at least 200' above WMFK. Distance on #17 taken from the nearest public road. Onsite was 10/13/10 with the BLM.

34. Location ID: 421886

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: Julia M. Carter

Title: Regulatory Analyst Date: 5/27/2011 Email: Julia.Carter@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. Nesline Director of COGCC Date: 6/24/2011

Permit Number: \_\_\_\_\_ Expiration Date: 6/23/2013

**API NUMBER**

05 045 20808 00

**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.) THE PROPOSED SURFACE CASING IS MORE THAN 50' BELOW THE DEPTH OF THE DEEPEST WATER WELL WITHIN 1MILE OF THE SURFACE LOCATION WHEN CORRECTED FOR ELEVATION DIFFERENCES. THE DEEPEST WATER WELL WITHIN 1 MILE IS 0 FEET DEEP.

2.) PRODUCTION CASING CEMENT TOP VERIFICATION BY CBL REQUIRED.

**Attachment Check List**

Att Doc Num	Name
400169959	FORM 2 SUBMITTED
400169960	MINERAL LEASE MAP
400169961	OTHER
400169962	TOPO MAP
400169963	WELL LOCATION PLAT
400169964	DEVIATED DRILLING PLAN
400169965	FED. DRILLING PERMIT

Total Attach: 7 Files

**General Comments**

<b><u>User Group</u></b>	<b><u>Comment</u></b>	<b><u>Comment Date</u></b>
Permit	Changed attachment label from Plat to Well Location Plat	5/31/2011 2:44:26 PM

Total: 1 comment(s)

**BMP**

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

Total: 0 comment(s)