

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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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

Document Number:  
400007062  
Plugging Bond Surety  
0

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: Eureka Unit Well Number: 8803D-30 D30397

8. Unit Name (if appl): Eureka Unit Unit Number: COC67628X

9. Proposed Total Measured Depth: 12106

WELL LOCATION INFORMATION

10. QtrQtr: Lot 4 Sec: 19 Twp: 3S Rng: 97W Meridian: 6

Latitude: 39.767428 Longitude: -108.330253

Footage at Surface: 36 FNL/FSL FSL 459 FEL/FWL FWL

11. Field Name: Wildcat Field Number: 99999

12. Ground Elevation: 7335 13. County: RIO BLANCO

14. GPS Data:

Date of Measurement: 01/22/2009 PDOP Reading: 2.6 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 FNL FSL FNL/FSL FNL/FSL  
1262 FNL 1942 FWL 1262 FNL 1942 FWL  
Sec: 30 Twp: 3S Rng: 97W Sec: 30 Twp: 3S Rng: 97W

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: 298 ft

18. Distance to nearest property line: 459 ft 19. Distance to nearest well permitted/completed in the same formation: 1376 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 #: COC65559

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):  
 T3S, R97W, 6th P.M., Sec 18:, Lots 3,4, E2SW, SE; Sec 19: Lots 1-4, NE, E2W2, N2SE, SWSE; Sec 20: E2, W2NW, S2SW; Sec 29: N2; Sec 30: Lots 1-4, NWNE, E2NW; Sec 31: Lot 1, E2, SENW, E2SW

25. Distance to Nearest Mineral Lease Line: 725 ft 26. Total Acres in Lease: 2479

**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	26+0/0	20+0/0	Line pipe	120	176	120	
SURF	14+3/4	9+5/8	36	3,000	2,069	3,000	
2ND	7+7/8	4+1/2	11.6	12,106	911	12,106	500

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

33. Comments Original on-site for this location was 5/4/2004, on-sited again 7/16/2009 with BLM-WRFO-Meeker and Tom Knowles with the CDOW-Meeker, CO were in attendance. The bottom hole location of this well is outside the Project Rio Blanco 3 mile radius.

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: Judith Walter

Title: Regulatory Analyst Date: 9/25/2009 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: David S. Nesline Director of COGCC Date: 7/21/2010

**API NUMBER**  
05 103 11763 00

Permit Number: \_\_\_\_\_ Expiration Date: 7/20/2012

**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.**

Prior to the drilling out of the surface casing of the first well to be completed within the Project Rio Blanco monitoring area, the operator will ensure that the site is in compliance with the Rio Blanco Sampling and Analysis Plan. This requires that all applicable emergency health-safety and sampling equipment is onsite and that site staff is fully trained in the use of the equipment and emergency response procedures. The requirements will stay in effect for the remainder of the operations onsite as required by the Sampling and Analysis Plan.

(1) COMPLY WITH NOTIFICATION REQUIREMENTS OF THE MOST CURRENT VERSION OF THE NORTHWEST COLORADO NOTIFICATION POLICY.

24-HOUR NOTICE TO MOVE ON LOCATION REQUIRED. E-MAIL: Mike.Longworth@state.co.us

Also E-MAIL: Shaun.Kellerby@state.co.us

(2) CEMENT-TOP VERIFICATION BY CBL REQUIRED.

(3) RESERVE PIT MUST BE LINED.

(4) THE MOISTURE CONTENT OF ANY DRILL CUTTINGS IN A CUTTINGS PIT, TRENCH, OR PILE SHALL BE AS LOW AS PRACTICABLE TO PREVENT ACCUMULATION OF LIQUIDS GREATER THAN DE-MINIMIS AMOUNTS. AT THE TIME OF CLOSURE, THE DRILL CUTTINGS MUST ALSO MEET THE APPLICABLE STANDARDS OF TABLE 910-1.

(5) NO PORTION OF ANY PIT THAT WILL BE USED TO HOLD LIQUIDS SHALL BE CONSTRUCTED ON FILL MATERIAL, UNLESS THE PIT AND FILL SLOPE ARE DESIGNED AND CERTIFIED BY A PROFESSIONAL ENGINEER, SUBJECT TO REVIEW AND APPROVAL BY THE DIRECTOR PRIOR TO CONSTRUCTION OF THE PIT. THE CONSTRUCTION AND LINING OF THE PIT SHALL BE SUPERVISED BY A PROFESSIONAL ENGINEER OR THEIR AGENT. THE ENTIRE BASE OF THE PIT MUST BE IN CUT.

(6) 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 000 FEET DEEP.

### **Attachment Check List**

Att Doc Num	Name	Doc Description
1637647	CORRESPONDENCE	LF@2179290 1637647
1637766	CORRESPONDENCE	LF@2200639 1637766
400007082	PLAT	LF@2158769 400007082
400007083	TOPO MAP	LF@2158770 400007083
400007084	LEASE MAP	LF@2158771 400007084
400007085	DEVIATED DRILLING PLAN	LF@2158772 400007085
400007086	FED. DRILLING PERMIT	LF@2158773 400007086
400007087	FORM 2 SUBMITTED	LF@2158774 400007087

Total Attach: 8 Files