

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

Refilling   
Sidetrack

Document Number:  
1903984  
Plugging Bond Surety  
20050043

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: NICK CURRAN Phone: (303)623-2300 Fax: (303)623-2400  
Email: NICK.CURRAN@ENCANA.COM

7. Well Name: DIER Well Number: 4-4-8

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

9. Proposed Total Measured Depth: 8052

WELL LOCATION INFORMATION

10. QtrQtr: NWSE Sec: 8 Twp: 2N Rng: 67W Meridian: 6  
Latitude: 40.151170 Longitude: -104.912420

Footage at Surface: 2018 FNL/FSL FSL 2189 FEL/FWL FEL

11. Field Name: WATTENBERG Field Number: 90750

12. Ground Elevation: 4918 13. County: WELD

14. GPS Data:

Date of Measurement: 03/11/2009 PDOP Reading: 4.6 Instrument Operator's Name: DALLAS NIELSEN

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

Footage at Top of Prod Zone: FNL/FSL 2625 FSL 2654 FEL 2654 FEL  
Bottom Hole: FNL/FSL 2625 FSL 2654 FEL  
Sec: 8 Twp: 2N Rng: 67W Sec: 8 Twp: 2N Rng: 67W

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: 533 ft

18. Distance to nearest property line: 280 ft 19. Distance to nearest well permitted/completed in the same formation: 870 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.)
CODELL	CODL	407	160	GWA
J SAND	JSND		160	GWA
NIOBRARA	NBRR	407	160	GWA

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#: 20050027

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):  
T2N-R67W, SEC 8: PART OF THE SW BEING LOT #1 OF THE ENCHANTED HILLS SUBDIVISION

25. Distance to Nearest Mineral Lease Line: 14 ft 26. Total Acres in Lease: 10

**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
SURF	12+1/4	8+5/8	24	800	350	800	0
1ST	7+7/8	4+1/2	11.6	8,052	270	8,052	7,017
			Stage Tool	5,015	230	5,105	4,161

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

33. Comments NO CONDUCTOR CASING WILL BE USED.

34. Location ID: 330892

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: Y Print Name: NICK CURRAN

Title: PERMITTING AGENT Date: 4/23/2009 Email: NICK.CURRAN@ENCANA.CO

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: 8/10/2009

Permit Number: 20092484 Expiration Date: 8/9/2010

**API NUMBER**  
05 123 30576 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) PROVIDE 24 HOUR NOTICE OF MIRU TO JIM PRECUP AT 303-469-1902 OR E-MAIL AT JAMES.PRECUP@STATE.CO.US 2) COMPLY WITH RULE 317.I AND PROVIDE CEMENT COVERAGE FROM TD TO A MINIMUM OF 200' ABOVE NIOBRARA AND FROM 200' BELOW SHANNON TO 200' ABOVE SUSSEX. VERIFY COVERAGE WITH CEMENT BOND LOG. 3) COMPLY WITH RULE 321. RUN AND SUBMIT DIRECTIONAL SURVEY FROM TD TO BASE OF SURFACE CASING. ENSURE THAT THE WELLBORE COMPLIES WITH SETBACK REQUIREMENTS IN COMMISSION ORDERS OR RULES PRIOR TO PRODUCING THE WELL.

### **Attachment Check List**

Att Doc Num	Name	Doc Description
1301976	MINERAL LEASE MAP	LF@2041821 1301976
1903984	APD APPROVED	1903984.pdf
1903985	WELL LOCATION PLAT	LF@2041816 1903985
1903986	TOPO MAP	LF@2041820 1903986
1903987	30 DAY NOTICE LETTER	LF@2041817 1903987
1903988	DIRECTIONAL SURVEY	LF@2041818 1903988
1903989	PROPOSED SPACING UNIT	LF@2041819 1903989
400002680	APD ORIG & 1 COPY	LF@2041815 1903984

Total Attach: 8 Files