

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:
2590102
Plugging Bond Surety
20100017

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 G. CURRAN Phone: (720)876-5288 Fax: (720)876-6288
Email: NICK.CURRAN@ENCANA.COM

7. Well Name: TOWNSEND Well Number: 8-6-5

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

9. Proposed Total Measured Depth: 8052

WELL LOCATION INFORMATION

10. QtrQtr: SESE Sec: 5 Twp: 2N Rng: 67W Meridian: 6
Latitude: 40.161970 Longitude: -104.906260

Footage at Surface: 649 ^{FNL/FSL} FSL 498 ^{FEL/FWL} FEL

11. Field Name: WATTENBERG Field Number: 90750

12. Ground Elevation: 4905 13. County: WELD

14. GPS Data:

Date of Measurement: 12/15/2009 PDOP Reading: 1.3 Instrument Operator's Name: TOM WINANS

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

Footage at Top of Prod Zone: ^{FNL/FSL} 1300 FSL 50 ^{FEL/FWL} FWL Bottom Hole: ^{FNL/FSL} 1300 FSL 50 ^{FEL/FWL} FWL
Sec: 4 Twp: 2N Rng: 67W Sec: 4 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: 452 ft

18. Distance to nearest property line: 168 ft 19. Distance to nearest well permitted/completed in the same formation: 886 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	232-23	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#: _____

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):
PLEASE SEE LEASE DESCRIPTION (ATTACHED).

25. Distance to Nearest Mineral Lease Line: 22 ft 26. Total Acres in Lease: 15

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	850	370	850	0
1ST	7+7/8	4+1/2	11.6	8,062	270	8,062	7,030

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

33. Comments NO CONDUCTOR CASING WILL BE USED. PROPOSED GWA SPACING UNIT: SEC 5: E2SE & SEC 4: W2SW ;

34. Location ID: 331138

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: NICK G. CURRAN

Title: PERMITTING Date: 8/25/2010 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. Nashin Director of COGCC Date: 10/7/2010

API NUMBER
05 123 32332 00

Permit Number: _____ Expiration Date: 10/6/2012

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.

- 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
2590102	APD ORIGINAL	LF@2531606 2590102
2590111	WELL LOCATION PLAT	LF@2531608 2590111
2590112	TOPO MAP	LF@2531629 2590112
2590113	MINERAL LEASE MAP	LF@2531630 2590113
2590114	SURFACE AGRMT/SURETY	LF@2531610 2590114
2590115	30 DAY NOTICE LETTER	LF@2531611 2590115
2590116	DEVIATED DRILLING PLAN	LF@2531612 2590116
2590117	PROPOSED SPACING UNIT	LF@2531614 2590117

Total Attach: 8 Files

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