

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:

400236050

PluggingBond SuretyID

20100017

APPLICATION FOR PERMIT TO:

1. Drill, Deepen, Re-enter, Recomplete and Operate

2. TYPE OF WELL

- OIL GAS COALBED OTHER _____
 SINGLE ZONE MULTIPLE COMMINGLE

- 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: JENNIFER LIND Phone: (720)876-5890 Fax: (720)876-6890
 Email: JENNIFER.LIND@ENCANA.COM

7. Well Name: MINCH Well Number: 23-4

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

9. Proposed Total Measured Depth: 8118

WELL LOCATION INFORMATION

10. QtrQtr: NWSW Sec: 4 Twp: 3N Rng: 68W Meridian: 6
 Latitude: 40.251700 Longitude: -105.016750

Footage at Surface: 1479 feet FSL 265 feet FWL

11. Field Name: WATTENBERG Field Number: 90750

12. Ground Elevation: 5079 13. County: WELD

14. GPS Data:

Date of Measurement: 12/05/2011 PDOP Reading: 2.0 Instrument Operator's Name: BURKE

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 _____
1919 FSL 1812 FWL 1919 FSL 1812 FWL
 Sec: 4 Twp: 3N Rng: 68W Sec: 4 Twp: 3N Rng: 68W

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: 222 ft

18. Distance to nearest property line: 151 ft 19. Distance to nearest well permitted/completed in the same formation(BHL): 865 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	80	N/2SW/4
J SAND	JSND	232	80	N/2SW/4
NIOBRARA	NBRR	407	80	N/2SW/4

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 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):

SEE ATTACHED MAP.

25. Distance to Nearest Mineral Lease Line: 735 ft 26. Total Acres in Lease: 110

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: _____

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
SURF	12+1/4	8+5/8	24	0	700	255	700	0
1ST	7+7/8	4+1/2	11.6	0	8,118	157	8,118	7,143

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

33. Comments NO CONDUCTOR CASING WILL BE UTILIZED. ENCANA REQUESTS THE APPROVAL OF A RULE318A(I).a.(1), EXCEPTION LOCATION AS THE WELL HEAD WILL BE LOCATED OUTSIDE A GWA DRILLING WINDOW, WAIVERS ARE ATTACHED. PROPOSED SPACING UNIT IS E2SW4, W2SE4 SEC.4 T3N, R68W.

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: JENNIFER LIND

Title: REGULATORY ANALYST Date: 1/11/2012 Email: JENNIFER.LIND@ENCANA.

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: 2/10/2012

API NUMBER

05 123 35062 00

Permit Number: _____ Expiration Date: 2/9/2014

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 COGCC inspector Mike Hickey via e-mail at Mike.Hickey@state.co.us. Indicate Spud Notice in the subject line and provide the following information: Operator Name, Well Name and Number, API #, Spud Date, Contact Name, Contact Phone #, E-mail Address.
- 2) Comply with Rule 317.i and provide cement coverage from TD to a minimum of 200' above Niobrara. 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.
- Operator must meet water well testing requirements per Rule 318A.

Attachment Check List

Att Doc Num	Name
1694644	WELL LOCATION PLAT
400236050	FORM 2 SUBMITTED
400239893	30 DAY NOTICE LETTER
400239894	TOPO MAP
400239895	MINERAL LEASE MAP
400239896	EXCEPTION LOC REQUEST
400239897	EXCEPTION LOC WAIVERS
400239899	DEVIATED DRILLING PLAN
400239900	DIRECTIONAL DATA

Total Attach: 9 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Final Review Completed. No LGD or public comment received.	2/6/2012 10:38:21 AM
Permit	changed property line to 151' per operator. rig height is 65'. ok to pass pending public comment 2/1/12.	1/24/2012 8:14:03 AM
Permit	ON HOLD: requesting confirmation of property line, nearest building & rig height.	1/20/2012 2:39:29 PM
Permit	Operator requests approval of a Rule 318Aa exception location: Wellhead is to be located outside of a GWA drilling window. Request and Waiver attached.	1/20/2012 2:39:11 PM

Total: 4 comment(s)

BMP

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

Total: 0 comment(s)