

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: 400209365			
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: Nick Curran Phone: (720)876-5288 Fax: (720)876-6288
Email: nick.curran@encana.com
7. Well Name: WILLIAMS Well Number: 2-4-18
8. Unit Name (if appl): _____ Unit Number: _____
9. Proposed Total Measured Depth: 8244

WELL LOCATION INFORMATION

10. QtrQtr: SWSW Sec: 18 Twp: 2N Rng: 68W Meridian: 6
Latitude: 40.134630 Longitude: -105.051840

Footage at Surface: 1272 feet FNL/FSL 987 feet FEL/FWL FWL

11. Field Name: WATTENBERG Field Number: 90750
12. Ground Elevation: 4982 13. County: WELD

14. GPS Data:

Date of Measurement: 04/19/2010 PDOP Reading: 1.9 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 2588 FSL 1200 FEL/FWL 2588 FSL 1200 FEL/FWL FWL
Sec: 18 Twp: 2N Rng: 68W Sec: 18 Twp: 2N 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: 539 ft

18. Distance to nearest property line: 427 ft 19. Distance to nearest well permitted/completed in the same formation(BHL): 805 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	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 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):

LOT 2 & E2SW (ALL OF SW) OF SEC 18 2N68W

25. Distance to Nearest Mineral Lease Line: 71 ft

26. Total Acres in Lease: 156

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: CLOSED LOOP SYS WILL

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	750	320	750	
1ST	7+7/8	4+1/2	11.6	0	8,244	280	8,244	7,174

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

33. Comments NO CONDUCTOR CASING WILL BE USED. No new 2A is being filed, no changes to the pad. Proposed spacing includes the S/2NW/4 & N/2SW/4

34. Location ID: 326877

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 CURRAN

Title: PERMITTING AGENT Date: 9/28/2011 Email: NICK.CURRAN@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: 10/20/2011

API NUMBER

05 123 32295 00

Permit Number: _____ Expiration Date: 10/19/2013

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. 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.
- Under new rules, needs water sampling (coa), and waste mgmnt BMP. Opr-Nick notified.

Attachment Check List

Att Doc Num	Name
2113077	WASTE MANAGEMENT PLAN
2113078	OTHER
400209365	FORM 2 SUBMITTED
400209379	WELL LOCATION PLAT
400209387	DEVIATED DRILLING PLAN
400209393	30 DAY NOTICE LETTER

Total Attach: 6 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Final review complete.	10/20/2011 9:58:18 AM
Permit	Rec'd & uploaded WMP. Ready to pass pending public comment 10/19/11.	10/11/2011 11:35:31 AM

Total: 2 comment(s)

BMP

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

Total: 0 comment(s)