

FORM
2Rev
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

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 ☐

Document Number:

400184048

PluggingBond SuretyID

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 Curran Phone: (720)876-5288 Fax: (720)876-6288
Email: nick.curran@encana.com
7. Well Name: FILE Well Number: 32-17
8. Unit Name (if appl): _____ Unit Number: _____
9. Proposed Total Measured Depth: 8134

WELL LOCATION INFORMATION

10. QtrQtr:
- NENW
- Sec:
- 17
- Twp:
- 2N
- Rng:
- 68W
- Meridian:
- 6
-
- Latitude:
- 40.142970
- Longitude:
- 105.023760

Footage at Surface: 1057 feet FNL/FSL 1721 feet FEL/FWL FEL

11. Field Name:
- WATTENBERG
- Field Number:
- 90750
-
12. Ground Elevation:
- 4883
13. County:
- WELD

14. GPS Data:

Date of Measurement: 05/09/2011 PDOP Reading: 2.7 Instrument Operator's Name: CRAIG BURKE

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

Footage at Top of Prod Zone: FNL/FSL 2150 FNL 2150 FEL/FWL 2150 FNL 2150 FEL/FWL 2150
Sec: 17 Twp: 2N Rng: 68W Sec: 17 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: 423 ft18. Distance to nearest property line: 237 ft 19. Distance to nearest well permitted/completed in the same formation: 2152 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	499	80	W2NE4
J SAND	JSND	232	320	N2
NIOBRARA	NBRR	499	80	W2NE4

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#: 20090011
- 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):

2N-68W SEC 17 LOTS A & B OF RECORDED EXEMPTION N 1313-17-1-RE-2408

25. Distance to Nearest Mineral Lease Line: 475 ft 26. Total Acres in Lease: 61

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: CLOSE LOOP SYS WILL BE

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	550	200	550	
1ST	7+7/8	4+1/2	11.6	0	8,134	169	8,134	7,081

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

33. Comments NO OPEN HOLE LOGS WILL BE RAN. NO CONDUCTOR CASING WILL BE USED.

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: NICK CURRAN

Title: PERMITTING AGENT Date: 7/12/2011 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: 8/7/2011

API NUMBER

05 123 34130 00

Permit Number: _____ Expiration Date: 8/6/2013

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.

Attachment Check List

Att Doc Num	Name
400184048	APD APPROVED
400184119	30 DAY NOTICE LETTER
400184120	SURFACE AGRMT/SURETY
400184121	LEASE MAP
400184122	DEVIATED DRILLING PLAN
400184123	WELL LOCATION PLAT
400184124	TOPO MAP
400184352	OTHER
400193000	FORM 2 SUBMITTED

Total Attach: 9 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Per calculation from well plat, surface hole is withing drilling window.	7/21/2011 1:48:50 PM

Total: 1 comment(s)

BMP

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

Total: 0 comment(s)