

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:

400213129

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: SLATER Well Number: 6-4-28
8. Unit Name (if appl): _____ Unit Number: _____
9. Proposed Total Measured Depth: 7899

WELL LOCATION INFORMATION

10. QtrQtr: NWSE Sec: 28 Twp: 3N Rng: 68W Meridian: 6
Latitude: 40.193350 Longitude: -105.004430

			FNL/FSL			FEL/FWL
Footage at Surface:	1396	feet	FSL	1694	feet	FEL

11. Field Name: WATTENBERG Field Number: 90750
12. Ground Elevation: 4962 13. County: WELD

14. GPS Data:
- Date of Measurement: 09/08/2011 PDOP Reading: 1.2 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	FEL/FWL	Bottom Hole:				FNL/FSL	FEL/FWL						
<u>2550</u>		<u>FSL</u>		<u>1550</u>		<u>FEL</u>		<u>2550</u>		<u>FSL</u>		<u>1550</u>		<u>FEL</u>			
Sec:	28	Twp:	3N	Rng:	68W	Sec:	28	Twp:	3N	Rng:	68W	Sec:	28	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: 1251 ft
18. Distance to nearest property line: 764 ft 19. Distance to nearest well permitted/completed in the same formation(BHL): 1204 ft

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):

SE4 OF SEC 28 EXCLUDING 44.7 ACRE TRACT. PLS SEE M/B'S

25. Distance to Nearest Mineral Lease Line: 50 ft

26. Total Acres in Lease: 115

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	0	24	700	255	700	0
1ST	7+7/8	4+1/2	0	11	7,899	168	7,899	6,854
			Stage Tool		4,377	83	4,377	3,777

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. Proposed 160 acre spacing unit in the S/2NE/4 & the N/2SE/4 of Sec. 28.

34. Location ID: 330703

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: 10/13/2011 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. Nesline

Director of COGCC Date: 11/13/2011

API NUMBER

05 123 34689 00

Permit Number: _____ Expiration Date: 11/12/2013

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.

Operator must meet water well testing requirements per Rule 318A.

Attachment Check List

Att Doc Num	Name
1694532	PROPOSED SPACING UNIT
1771404	SURFACE CASING CHECK
400213129	FORM 2 SUBMITTED
400213136	LEGAL/LEASE DESCRIPTION
400213137	WELL LOCATION PLAT
400213138	TOPO MAP
400213139	MINERAL LEASE MAP
400213140	30 DAY NOTICE LETTER
400213141	DEVIATED DRILLING PLAN
400213142	OTHER

Total Attach: 10 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Final Review Completed. No LGD or public comment received.	11/7/2011 8:49:52 AM
Permit	Okay to pass pending public comment 11/3/11.	11/1/2011 2:41:08 PM
Permit	Changed Proposed 160 acre spacing unit in the S/2NE/4 & the N/2SE/4 of Sec. 28 per operator.	11/1/2011 2:40:44 PM
Permit	ON HOLD: requesting clarification of spacing.	10/19/2011 10:02:16 AM
Permit	Operator corrected plugging bond. Form has passed completeness.	10/13/2011 2:27:12 PM
Permit	Returned to draft. Invalid plugging bond.	10/13/2011 12:57:43 PM

Total: 6 comment(s)

BMP

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

Total: 0 comment(s)