

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:

2583903

Plugging Bond Surety

20010017

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 ☐

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: MARTINSON Well Number: 2-8-24

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

9. Proposed Total Measured Depth: 7936

WELL LOCATION INFORMATION

10. QtrQtr: SWSW Sec: 24 Twp: 4N Rng: 66W Meridian: 6

Latitude: 40.291590 Longitude: -104.733100

Footage at Surface: 491 FNL/FSL FSL 510 FEL/FWL FWL

11. Field Name: WATTENBERG Field Number: 90750

12. Ground Elevation: 4744 13. County: WELD

14. GPS Data:

Date of Measurement: 01/05/2010 PDOP Reading: 1.1 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 50 FSL 1457 FEL/FWL FWL Bottom Hole: FNL/FSL 50 FSL 1457 FEL/FWL FWL
Sec: 24 Twp: 4N Rng: 66W Sec: 24 Twp: 4N Rng: 66W

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: 480 ft

18. Distance to nearest property line: 472 ft 19. Distance to nearest well permitted/completed in the same formation: 878 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):
4N-66W SEC 24: SW/4

25. Distance to Nearest Mineral Lease Line: _____ 50 ft 26. Total Acres in Lease: _____ 160

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	500	220	500	0
1ST	7+7/8	4+1/2	11.6	7,936	300	7,936	6,802

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

33. Comments NO CONDUCTOR CASING WILL BE USED. PROPOSED GWA UNIT CONFIGURATION FOR NB-CD & J-SAND:
Sec 24: S2SW4 & Sec 25: N2NW4

34. Location ID: _____ 310574

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: 8/16/2010 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. Neslin Director of COGCC Date: 9/21/2010

API NUMBER

05 123 32225 00

Permit Number: _____ Expiration Date: 9/20/2012

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 Bo Brown at 970-397-4124 or e-mail at bo.brown@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 Sussex 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
2583903	APD ORIGINAL	LF @ 2528640 2583903
2583904	WELL LOCATION PLAT	LF @ 2528641 2583904
2583905	TOPO MAP	LF @ 2528642 2583905
2583906	LEASE MAP	LF @ 2528643 2583906
2583907	30 DAY NOTICE LETTER	LF @ 2528644 2583907
2583908	DEVIATED DRILLING PLAN	LF @ 2528645 2583908
2583909	PROPOSED SPACING UNIT	LF @ 2528646 2583909

Total Attach: 7 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	this lease map differs in total acreage associated that it's fellow well Martinson 0-6-24 form 2583910	8/26/2010 1:28:33 PM
Permit	surface surety bond #, based on information, needs to come out; Reason: fee/fee for mineral/surface, that they are the same person/entity and that the signature is on the lease. opr notified and since confirmed/acknowledged	8/26/2010 10:05:09 AM

Total: 2 comment(s)

Error: Subreport could not be shown.