

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: 400219198			
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: DAVIS Well Number: 2A-9H
8. Unit Name (if appl): _____ Unit Number: _____
9. Proposed Total Measured Depth: 11842

WELL LOCATION INFORMATION

10. QtrQtr: SWNW Sec: 9 Twp: 2N Rng: 66W Meridian: 6
Latitude: 40.154440 Longitude: -104.789830

Footage at Surface: 1966 feet FNL 519 feet FWL

11. Field Name: WATTENBERG Field Number: 90750
12. Ground Elevation: 4882 13. County: WELD

14. GPS Data:

Date of Measurement: 09/27/2011 PDOP Reading: 1.4 Instrument Operator's Name: TOM WINANS

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

Footage at Top of Prod Zone: 2089 FNL 996 FWL 2190 FSL 987 FWL
Sec: 9 Twp: 2N Rng: 66W Sec: 4 Twp: 2N 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: 608 ft

18. Distance to nearest property line: 519 ft 19. Distance to nearest well permitted/completed in the same formation(BHL): 410 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.)
NIOBRARA	NBRR	407	320	NW/2 SEC9 & SW/2SEC4

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):

T2N R66W: SEC 2, SEC 4-S2, SEC 8-NE4, SEC 10-E2, SEC 9-N2

25. Distance to Nearest Mineral Lease Line: 460 ft

26. Total Acres in Lease: 2000

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
CONDUCTOR	22	16	30	0	80	80	80	0
SURF	12+1/4	9+5/8	40	0	800	198	800	0
1ST	8+3/4	7	26	0	7,592	929	7,592	500
2ND	6+1/8	4+1/2	13.5	0	11,842	375	11,842	7,292

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

33. Comments NO OPEN HOLE LOGS WILL BE RAN, OPEN HOLE LOGS EXIST WITHIN QTR QTR (DAVIS WELLS ON SAME PAD)

34. Location ID: 330845

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: 10/28/2011

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. Nesline

Director of COGCC

Date: 11/27/2011

API NUMBER

05 123 34752 00

Permit Number: _____ Expiration Date: 11/26/2013

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 via e-mail at jim.precup@state.co.us.
2)Comply with Rule 317.i and provide cement coverage from the end of the production casing to a minimum of 200' above the Niobrara and from 200' below Sussex to 200' above Sussex. Verify coverage with a cement bond log.
3)Comply with Rule 321. Run and submit Directional Survey from the end of production casing to base of surface casing. Ensure that the wellbore complies with setback requirements in commission orders or rules prior to producing the well.

Requires water well sampling. Opr notified. Ready to pass pening public comment 11/21/11

Attachment Check List

Att Doc Num	Name
2481268	SURFACE CASING CHECK
400219198	FORM 2 SUBMITTED
400219264	WELL LOCATION PLAT
400219265	TOPO MAP
400219266	LEASE MAP
400219267	30 DAY NOTICE LETTER
400219269	DEVIATED DRILLING PLAN
400219270	SURFACE AGRMT/SURETY
400219301	PROPOSED SPACING UNIT
400219302	OTHER

Total Attach: 10 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Final Review complete.	11/22/2011 7:59:22 AM

Total: 1 comment(s)

BMP

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

Total: 0 comment(s)