

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



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Document Number:

2589744

Plugging Bond Surety

20100017

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: SPRAGUE Well Number: 0-2-9

8. Unit Name (if appl): \_\_\_\_\_ Unit Number: \_\_\_\_\_

9. Proposed Total Measured Depth: 8034

WELL LOCATION INFORMATION

10. QtrQtr: NENW Sec: 9 Twp: 2N Rng: 67W Meridian: 6

Latitude: 40.157250 Longitude: -104.899030

Footage at Surface: 1043 FNL/FSL FNL 1537 FEL/FWL FWL

11. Field Name: SPINDLE Field Number: 77900

12. Ground Elevation: 4941 13. County: WELD

14. GPS Data:

Date of Measurement: 01/28/2010 PDOP Reading: 1.7 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 1320 FNL 50 FWL FWL Bottom Hole: FNL/FSL 1320 FNL 50 FWL FWL  
Sec: 9 Twp: 2N Rng: 67W Sec: 9 Twp: 2N Rng: 67W

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: 1027 ft

18. Distance to nearest property line: 1043 ft 19. Distance to nearest well permitted/completed in the same formation: 887 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 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-67W SEC. 9: NW4

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	750	320	750	0
1ST	7+7/8	4+1/2	11.6	8,230	270	8,230	7,189

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

33. Comments NO CONDUCTOR CASING WILL BE USED. Surface location to move from (614 FNL 651 FWL) to (1043 FNL 1537 FWL). Proposed GWA Spacing Unit for J-Sand and NB-CD: Sec 8: E2NE & Sec 9: W2NW Encana Oil & Gas (USA) Inc. requests approval of a Rule 318Ac exception location: Wellhead is to be located more than 50' from an existing well location.

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 G. CURRAN

Title: PERMITTING Date: 7/13/2010 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 G. Neslin Director of COGCC Date: 8/18/2010

#### API NUMBER

05 123 30805 00

Permit Number: \_\_\_\_\_ Expiration Date: 8/17/2012

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 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 and from 200' below Shannon 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
1770510	SURFACE CASING CHECK	LF@2517769 1770510
2589744	APD ORIGINAL	LF@2507234 2589744
2589745	WELL LOCATION PLAT	LF@2507236 2589745
2589746	TOPO MAP	LF@2507237 2589746
2589747	MINERAL LEASE MAP	LF@2507239 2589747
2589748	SURFACE AGRMT/SURETY	LF@2507241 2589748
2589750	30 DAY NOTICE LETTER	LF@2507242 2589750
2589751	DEVIATED DRILLING PLAN	LF@2507243 2589751
2589752	EXCEPTION LOC REQUEST	LF@2507247 2589752
2589753	EXCEPTION LOC WAIVERS	LF@2507248 2589753
2589774	PROPOSED SPACING UNIT	LF@2507250 2589774

Total Attach: 11 Files

### **General Comments**

<b><u>User Group</u></b>	<b><u>Comment</u></b>	<b><u>Comment Date</u></b>
Permit	This application's productive interval is identical to an expired permit by the same well name (API# 05-123-30805). Per Nick Curran, change application to re-file application. Enter comment: "Surface location to move from (614 FNL 651 FWL) to (1043 FNL 1537 FWL)." Enter API #.	8/17/2010 5:16:03 PM
Permit	Per Nick Curran, change 22b from NA to "SUA attached" and remove surface surety ID.	8/17/2010 5:05:01 PM

Total: 2 comment(s)

Error: Subreport could not be shown.