

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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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 ☐

Document Number:

2582975

Plugging Bond Surety

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 G. CURRAN Phone: (720)876-5288 Fax: (720)876-6288
Email: NICK.CURRAN@ENCANA.COM

7. Well Name: SPRAGUE Well Number: 0-0-9

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

9. Proposed Total Measured Depth: 8033

WELL LOCATION INFORMATION

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

Latitude: 40.157300 Longitude: -104.899030

Footage at Surface: 1023 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: 1.5 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 FNL 50 FWL 50 FNL 50 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: 1008 ft

18. Distance to nearest property line: 1049 ft 19. Distance to nearest well permitted/completed in the same formation: 700 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	8,309	270	8,309	7,268

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

33. Comments NO CONDUCTOR CASING WILL BE USED. Proposed GWA Spacing Unit for J-Sand and NB-CD: Sec 5: SESE ; Sec 4: SWSW ; Sec 9: NWNW ; Sec 8: NENE . 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 S. Neslin Director of COGCC Date: 8/18/2010

API NUMBER

05 123 32016 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@2517771 1770510
2582975	APD ORIGINAL	LF@2507251 2582975
2582976	WELL LOCATION PLAT	LF@2507253 2582976
2582977	TOPO MAP	LF@2507254 2582977
2582978	LEASE MAP	LF@2507255 2582978
2582979	30 DAY NOTICE LETTER	LF@2507257 2582979
2582980	DEVIATED DRILLING PLAN	LF@2507258 2582980
2582981	EXCEPTION LOC REQUEST	LF@2507260 2582981
2582982	EXCEPTION LOC WAIVERS	LF@2507261 2582982
2583001	PROPOSED SPACING UNIT	LF@2507263 2583001
2589775	SURFACE AGRMT/SURETY	LF@2507301 2589775

Total Attach: 11 Files

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