

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:  
1759173  
Plugging Bond Surety  
20050043

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: 4-8-9

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

9. Proposed Total Measured Depth: 8153

WELL LOCATION INFORMATION

10. QtrQtr: SESW Sec: 9 Twp: 2N Rng: 67W Meridian: 6  
Latitude: 40.146770 Longitude: -104.897650

Footage at Surface: 434 FNL/FSL FSL 1950 FEL/FWL FWL

11. Field Name: WATTENBERG Field Number: 90750

12. Ground Elevation: 4982 13. County: WELD

14. GPS Data:

Date of Measurement: 07/22/2009 PDOP Reading: 0.3 Instrument Operator's Name: TOM WINANS

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

Footage at Top of Prod Zone: FNL/FSL 50 FSL 2590 FWL FWL Bottom Hole: FNL/FSL 50 FSL 2590 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: 421 ft

18. Distance to nearest property line: 434 ft 19. Distance to nearest well permitted/completed in the same formation: 791 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):  
2N-67W SEC. 9: SW4

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	790	220	790	0
1ST	7+7/8	4+1/2	11.6	8,153	280	8,153	7,088
			Stage Tool	5,267	240	5,267	4,263

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

33. Comments NO CONDUCTOR CASING WILL BE USED.

34. Location ID: 302199

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 AGENT Date: 9/15/2009 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: 11/30/2009

**API NUMBER**  
05 123 30824 00

Permit Number: \_\_\_\_\_ Expiration Date: 11/29/2011

**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) Note surface casing setting depth change from 500' to 790'. Increase cement coverage accordingly and cement to surface. 2) Provide 24 hour notice of MIRU to Jim Precup at 303-469-1902 or e-mail at james.precup@state.co.us 3) Comply with Rule 317.i and provide cement coverage from TD to a minimum of 200' above Niobrara. Evaluate Shannon and Sussex and cement from 200' above to 200' below these formations if potentially productive. Verify coverage with cement bond log. 4) Run and submit Directional Survey from TD to base of surface casing.

### **Attachment Check List**

Att Doc Num	Name	Doc Description
1759175	WELL LOCATION PLAT	LF@2143676 1759175
1759176	TOPO MAP	LF@2143677 1759176
1759177	MINERAL LEASE MAP	LF@2143664 1759177
1759178	SURFACE AGRMT/SURETY	LF@2143678 1759178
1759179	30 DAY NOTICE LETTER	LF@2143679 1759179
1759180	DEVIATED DRILLING PLAN	LF@2143680 1759180
1759181	PROPOSED SPACING UNIT	LF@2143683 1759181
1759182	EXCEPTION LOC REQUEST	LF@2143681 1759182
1759183	EXCEPTION LOC WAIVERS	LF@2143682 1759183
1759985	DEVIATED DRILLING PLAN	LF@2188240 1759985
1769204	SURFACE CASING CHECK	LF@2170110 1769204
400021084	APD ORIGINAL	LF@2143675 400021084

Total Attach: 12 Files