

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:  
2590834  
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: COSSLETT Well Number: 6-4-22

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

9. Proposed Total Measured Depth: 8662

WELL LOCATION INFORMATION

10. QtrQtr: SENE Sec: 22 Twp: 1N Rng: 68W Meridian: 6  
Latitude: 40.039830 Longitude: -104.984490

Footage at Surface: 1496 feet FNL/FSL FNL 1243 feet FEL/FWL FEL

11. Field Name: WATTENBERG Field Number: 90750

12. Ground Elevation: 5185 13. County: WELD

14. GPS Data:

Date of Measurement: 02/08/2010 PDOP Reading: 1.6 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 2500 FSL FSL 1200 FEL FEL FNL/FSL 2500 FSL FSL 1200 FEL FEL  
Sec: 22 Twp: 1N Rng: 68W Sec: 22 Twp: 1N Rng: 68W

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: 587 ft

18. Distance to nearest property line: 172 ft 19. Distance to nearest well permitted/completed in the same formation: 1105 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	320	GWA
J SAND	JSND	232-23	320	GWA
NIOBRARA	NBRR	407	320	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):  
N2NE/4, SE/4 SEC. 22 T1N-R68W

25. Distance to Nearest Mineral Lease Line: 90 ft 26. Total Acres in Lease: 240

**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	Wt/Ft	Csg/Line Top	Setting Depth	Sacks Cmt	Cmt Btm	Cmt Top
SURF	12+1/4	8+5/8	24		980	390	980	0
1ST	7+7/8	4+1/2	11.6		8,662	300	8,662	7,507

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

33. Comments NO CONDUCTOR CASING WILL BE USED. PROPOSED GWA UNIT CONFIGURATION FOR JSND & NB-CD: E2 ;

34. Location ID: 323151

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: 11/12/2010 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: 12/16/2010

<b>API NUMBER</b>
05 123 32736 00

Permit Number: \_\_\_\_\_ Expiration Date: 12/15/2012

**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) Note surface casing setting depth change from 900' to 980'. 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 and from 200' below Shannon to 200' above Sussex. Verify coverage with cement bond log.
- 4) 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
1770664	SURFACE CASING CHECK
2590834	APD ORIGINAL
2590835	WELL LOCATION PLAT
2590836	TOPO MAP
2590837	MINERAL LEASE MAP
2590838	SURFACE AGRMT/SURETY
2590839	30 DAY NOTICE LETTER
2590840	DEVIATED DRILLING PLAN
2590841	EXCEPTION LOC REQUEST
2590842	WAIVERS
2622209	PROPOSED SPACING UNIT
400109697	MINERAL LEASE MAP

Total Attach: 12 Files

### General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	ON HOLD. There is no 20 day certification or proposed spacing unit plat attached. Requested from operator. PVG	11/19/2010 9:36:20 AM
Permit	Uploaded new Mineral Lease map at Opr-Nick's request. sf	11/17/2010 3:40:25 PM

Total: 2 comment(s)

### BMP

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

Total: 0 comment(s)