

<b>FORM</b> <b>2</b> Rev 12/05	State of Colorado <b>Oil and Gas Conservation Commission</b> 1120 Lincoln Street, Suite 801, Denver, Colorado 80205 Phone: (303) 894-2100 Fax: (303) 894-2109		<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:25%;">DE</td> <td style="width:25%;">ET</td> <td style="width:25%;">OE</td> <td style="width:25%;">ES</td> </tr> </table> Document Number: 400141739  Plugging Bond Surety 20100017	DE	ET	OE	ES
DE	ET	OE	ES				
<b>APPLICATION FOR PERMIT TO:</b>							
1. <input checked="" type="checkbox"/> <b>Drill,</b> <input type="checkbox"/> Deepen, <input type="checkbox"/> Re-enter, <input type="checkbox"/> Recomplete and Operate							
2. TYPE OF WELL OIL <input type="checkbox"/> GAS <input checked="" type="checkbox"/> COALBED <input type="checkbox"/> OTHER _____ SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input checked="" type="checkbox"/> COMMINGLE ZONE <input checked="" type="checkbox"/>		Refiling <input type="checkbox"/> Sidetrack <input type="checkbox"/>					
3. Name of Operator: <u>ENCANA OIL &amp; GAS (USA) INC</u> 4. COGCC Operator Number: <u>100185</u>							
5. Address: <u>370 17TH ST STE 1700</u> City: <u>DENVER</u> State: <u>CO</u> Zip: <u>80202-5632</u>							
6. Contact Name: <u>Nick Curran</u> Phone: <u>(720)876-5288</u> Fax: <u>(720)876-6288</u> Email: <u>nick.curran@encana.com</u>							
7. Well Name: <u>ARISTOCRAT ANGUS</u> Well Number: <u>1-4</u>							
8. Unit Name (if appl): _____    Unit Number: _____							
9. Proposed Total Measured Depth: <u>7364</u>							
<b>WELL LOCATION INFORMATION</b>							
10. QtrQtr: <u>1</u> Sec: <u>4</u> Twp: <u>3N</u> Rng: <u>65W</u> Meridian: <u>6</u> Latitude: <u>40.259940</u> Longitude: <u>-104.662710</u>							
Footage at Surface: <u>614</u> feet <u>FNL</u> <u>1078</u> feet <u>FEL</u> <small style="margin-left: 100px;">FNL/FSL</small> <small style="margin-left: 100px;">FEL/FWL</small>							
11. Field Name: <u>WATTENBERG</u> Field Number: <u>90750</u>							
12. Ground Elevation: <u>4815</u> 13. County: <u>WELD</u>							
14. GPS Data: Date of Measurement: <u>03/23/2011</u> PDOP Reading: <u>1.4</u> Instrument Operator's Name: <u>CRAIG BURKE</u>							
15. If well is <input checked="" type="checkbox"/> Directional <input type="checkbox"/> Horizontal (highly deviated) <b>submit deviated drilling plan.</b> Footage at Top of Prod Zone:    FNL/FSL    FEL/FWL    Bottom Hole:    FNL/FSL    FEL/FWL <u>1320</u> <u>FNL</u> <u>1320</u> <u>FEL</u> <u>1320</u> <u>FNL</u> <u>1320</u> <u>FEL</u> Sec: <u>4</u> Twp: <u>3N</u> Rng: <u>65W</u> Sec: <u>4</u> Twp: <u>3N</u> Rng: <u>65W</u>							
16. Is location in a high density area? (Rule 603b)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No							
17. Distance to the nearest building, public road, above ground utility or railroad: <u>280 ft</u>							
18. Distance to nearest property line: <u>236 ft</u> 19. Distance to nearest well permitted/completed in the same formation: <u>860 ft</u>							
<b>20. LEASE, SPACING AND POOLING INFORMATION</b>							
Objective Formation(s)	Formation Code	Spacing Order Number(s)	Unit Acreage Assigned to Well	Unit Configuration (N/2, SE/4, etc.)			
CODELL	CODL	407-87	160	NE/4			
NIOBRARA	NBRR	407-87	160	NE/4			

**IMPORTANT: SOME DATA FIELDS HAVE BEEN MODIFIED.**

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#: 20090011

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):  
 PLS SEE ATTACHED LEASE DESCRIPTION

25. Distance to Nearest Mineral Lease Line: 614 ft 26. Total Acres in Lease: 2257

**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: \_\_\_\_\_

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
SURF	12+1/4	8+5/8	24	0	600	219	600	
1ST	7+7/8	4+1/2	11.6	0	7,364	102	7,364	6,734
			Stage Tool		4,808	83	4,808	4,208

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

33. Comments No conductor casing will be used. Encana requests approval of a Rule 318Aa and Rule 318Ac exception location: Wellhead is to be located outside of a GWA drilling window and will be located more than 50' from an existing well location. Waivers attached. STAGE TOOL (200' BELOW SX TO 200' ABOVE SX)

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 CURRAN

Title: PERMITTING AGENT Date: 3/31/2011 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. Nash Director of COGCC Date: 4/29/2011

Permit Number: \_\_\_\_\_ Expiration Date: 4/28/2013

**API NUMBER**  
05 123 33468 00

**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 Bo Brown at 970-397-4124 or e-mail at bo.brown@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 Sussex 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
2530441	EXCEPTION LOC REQUEST
400141739	FORM 2 SUBMITTED
400147865	DEVIATED DRILLING PLAN
400147866	LEGAL/LEASE DESCRIPTION
400147868	WELL LOCATION PLAT
400147872	LEASE MAP
400147878	WAIVERS
400147880	WAIVERS
400149888	30 DAY NOTICE LETTER
400149890	TOPO MAP

Total Attach: 10 Files

**General Comments**

User Group	Comment	Comment Date
Permit	Updated with new request letter.	4/8/2011 1:13:19 PM
Permit	On hold waiting for exception location request letter. Ready to pass.	4/7/2011 5:56:11 AM
Permit	Opr corrected. sf	4/5/2011 11:01:16 AM
Permit	Back to draft for; Surface bond is incorrect; Qtr/Qtr is Lot 1, attachment of topo map is mis-marked (shows well in Sec. 3) and the 30 day notice has location pics, and 3 plats inside. sf	4/4/2011 2:48:11 PM

Total: 4 comment(s)

**BMP**

Type	Comment

Total: 0 comment(s)