



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):  
 SEE ATTACHED MAP (SINCE PRODUCTION WILL BE ESTABLISHED ON MORE THAN ONE LEASE, THE ACREAGES FOR THE LEASES HAVE BEEN ADDED TOGETHER FOR "TOTAL ACRES IN LEASE".)  
 25. Distance to Nearest Mineral Lease Line: 460 ft                      26. Total Acres in Lease: 320

**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 |
|-------------|--------------|----------------|-------|---------------|---------------|-----------|---------|---------|
| CONDUCTOR   | 22+1/1       | 16+1/1         | 30    | 0             | 80            | 80        | 80      | 0       |
| SURF        | 12+1/4       | 8+5/8          | 40    | 0             | 960           | 198       | 960     | 0       |
| 1ST         | 8+3/4        | 7+1/1          | 26    | 0             | 7,451         | 912       | 7,451   | 500     |
| 2ND         | 6+1/8        | 4+1/2          | 13.5  | 0             | 11,687        | 375       | 11,687  | 7,151   |

32. BOP Equipment Type:     Annular Preventer                       Double Ram                       Rotating Head                       None  
 33. Comments    CONDUCTOR CASING WILL BE UTILIZED. ENCANA REQUESTS THE APPROVAL OF THE OMISSION OF OPEN HOLE LOGS FOR THIS WELL. A CEMENT BOND LOGS WILL BE FURNISHED IN PLACE OF AN OPEN HOLE LOG. REQUEST LETTER ATTACHED.

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: JENNIFER LIND  
 Title: REGULATORY ANALYST                      Date: 8/3/2011                      Email: JENNIFER.LIND@ENCANA.

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: 9/15/2011

|                   |
|-------------------|
| <b>API NUMBER</b> |
| 05 123 34362 00   |

Permit Number: \_\_\_\_\_                      Expiration Date: 9/14/2013

**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 800' to 960'. Increase cement coverage accordingly and cement to surface.
- 2) Provide 48 hour notice of MIRU to Jim Precup at 303-726-3822 or e-mail at jim.precup@state.co.us.
- 3) Comply with Rule 317.i and provide cement coverage from the end of the production casing to a minimum of 200' above the Niobrara. Verify coverage with a cement bond log.
- 4) Comply with Rule 321. Run and submit Directional Survey from the end of production casing 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                   |
|-------------|------------------------|
| 2481119     | SURFACE CASING CHECK   |
| 400191375   | FORM 2 SUBMITTED       |
| 400191421   | OTHER                  |
| 400191422   | DEVIATED DRILLING PLAN |
| 400191423   | WELL LOCATION PLAT     |
| 400191424   | 30 DAY NOTICE LETTER   |
| 400191623   | PROPOSED SPACING UNIT  |
| 400192001   | TOPO MAP               |
| 400192024   | MINERAL LEASE MAP      |

Total Attach: 9 Files

### General Comments

| <u>User Group</u> | <u>Comment</u>  | <u>Comment Date</u>     |
|-------------------|---|-------------------------|
| Permit            | Notified Encana that the COA has been added.9/13/2011                                   | 9/13/2011<br>5:48:06 AM |
| Permit            | Returned to draft. Conductor casing information not input. Incorrect attachment labels. | 3/4/2011 7:06:30<br>AM  |

Total: 2 comment(s)

### BMP

| <u>Type</u> | <u>Comment</u> |
|-------------|----------------|
|             |                |

Total: 0 comment(s)