



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

CASING

| Casing Type | Size of Hole | Size of Casing | Wt/Ft | Csg/Liner Top | Setting Depth | Sacks Cmt | Cmt Top | Cmt Bot | Status |
|-------------|--------------|----------------|-------|---------------|---------------|-----------|---------|---------|--------|
| SURF        | 12+1/4       | 8+5/8          |       | 0             | 1,257         | 375       | 0       | 1,257   | CALC   |
| 1ST         | 7+7/8        | 5+1/2          |       | 0             | 7,844         | 545       | 1,430   | 7,844   | CBL    |

ADDITIONAL CEMENT

Cement work date: \_\_\_\_\_

Details of work:

| Method used | String | Cementing tool setting/pref depth | Cement volume | Cement top | Cement bottom |
|-------------|--------|-----------------------------------|---------------|------------|---------------|
|             |        |                                   |               |            |               |

21. Formation log intervals and test zones:

FORMATION LOG INTERVALS AND TEST ZONES

| FORMATION NAME | Measured Depth |        | Check if applies         |                          | COMMENTS (All DST and Core Analyses must be submitted to COGCC) |
|----------------|----------------|--------|--------------------------|--------------------------|---|
|                | Top            | Bottom | DST                      | Cored                    |   |
| NIOBRARA       | 6,766          |        | <input type="checkbox"/> | <input type="checkbox"/> |   |
| FORT HAYS      | 7,030          |        | <input type="checkbox"/> | <input type="checkbox"/> |   |
| CODELL         | 7,063          |        | <input type="checkbox"/> | <input type="checkbox"/> |   |
| D SAND         | 7,542          |        | <input type="checkbox"/> | <input type="checkbox"/> |   |
| J SAND         | 7,631          |        | <input type="checkbox"/> | <input type="checkbox"/> |   |

Comment:

I hereby certify all statements made in this form are, to the best of my knowledge, true, correct, and complete.

Signed: \_\_\_\_\_ Print Name: Andrea Rawson

Title: Regulatory Specialist Date: 3/31/2011 Email: arawson@nobleenergyinc.com

**Attachment Check List**

| Att Doc Num                 | Document Name         | attached ?                              |  |
|-----------------------------|-----------------------|---|--|
| <u>Attachment Checklist</u> |                       |   |  |
| 400148964                   | CMT Summary *         | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/>            |
|                             | Core Analysis         | Yes <input type="checkbox"/>            | No <input checked="" type="checkbox"/> |
|                             | Directional Survey ** | Yes <input type="checkbox"/>            | No <input checked="" type="checkbox"/> |
|                             | DST Analysis          | Yes <input type="checkbox"/>            | No <input checked="" type="checkbox"/> |
|                             | Logs                  | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/>            |
|                             | Other                 | Yes <input type="checkbox"/>            | No <input checked="" type="checkbox"/> |
| <u>Other Attachments</u>    |                       |   |  |
| 400148956                   | FORM 5 SUBMITTED      | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/>            |
| 400148963                   | LAS-                  | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/>            |

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**General Comments**

| <b><u>User Group</u></b> | <b><u>Comment</u></b>                         | <b><u>Comment Date</u></b> |
|--------------------------|---|----------------------------|
| Permit                   | req digital logs, the uploaded log won't open | 6/17/2011<br>7:33:02 AM    |

Total: 1 comment(s)