



Cement work date: 03/18/2013

| Method used | String   | Cementing tool setting/perf depth | Cement volume | Cement top | Cement bottom |
|-------------|----------|-----------------------------------|---------------|------------|---------------|
| 1 INCH      | S.C. 1.1 | 4,865                             | 275           | 0          | 578           |
| 1 INCH      | S.C. 1.1 | 4,865                             | 200           | 4,184      | 8,865         |

Details of work:

Control well w/ 30 bbls kill fluid. RIH w/ 3 7/8" blade bit, and scraper, 224jts. Tagged fill at 7147' KB. TIH w/ RBP, retrieved head, 209 jts 2 3/8" tubing. Set RBP @ 6596' KB w/ 209 jts. Pressure test casing to 2000 psi, good test. Spot 2sks sand on plug. Unland casing. Pick Up mule shoe and TIH w/125 jts of 1 1/4" to 4865'. Pump 200 sks of 50/50 POZ @13.5 ppg cement from 4865' to 4135'. Pump 275 sks of "G" neat 15.8 ppg cement from 578' to surface. Reland casing w/ 85K pulled. Bond log from 5000' to surface. Sussex coverage extended from 4865' to 4184' and foxhills coverage extended from 583' to surface. RIH w/ retrieving head and establish circulation and latch onto RBP. Roll hole clean and release RBP. Land 2 3/8" 4.7 # J-55 tubing to 7002' KB. Rig down and move off.

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                    |   |
|  |                |        | <input type="checkbox"/> | <input type="checkbox"/> |   |

Comment:

Gamma Ray CCL/ CBL hard copy mailed.

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

Signed: \_\_\_\_\_ Print Name: Julie Webb

Title: Regulatory Analyst Date: 5/9/2013 Email: juliewebb@nobleenergyinc.com

### Attachment Check List

| Att Doc Num                 | Document Name         | attached ?                              |  |
|-----------------------------|-----------------------|---|--|
| <u>Attachment Checklist</u> |                       |   |  |
| 400415010                   | 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>    |                       |   |  |
| 400414992                   | FORM 5 SUBMITTED      | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/>            |
| 400415013                   | CEMENT BOND           | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/>            |

### General Comments

| User Group | Comment | Comment Date |
|------------|---------|--------------|
|            |         |              |

Total: 0 comment(s)