

| Casing Type | Size of Hole | Size of Casing | Wt/Ft | Csg/Liner Top | Setting Depth | Sacks Cmt | Cmt Top | Cmt Bot | Status |
|-------------|--------------|----------------|-------|---------------|---------------|-----------|---------|---------|--------|
| CONDUCTOR | 18+1/2 | 16+0/0 | 84.00 | 24 | 124 | 54 | 0 | 124 | |
| SURF | 13+3/4 | 9+5/8 | 36.00 | 24 | 757 | 414 | 0 | 758 | |
| 1ST | 8+3/4 | 7+0/0 | 26.00 | 24 | 6,920 | 625 | 595 | 6,930 | CBL |
| 1ST LINER | 6+1/8 | 4+1/2 | 11.00 | 6751 | 10,350 | 0 | 0 | 10,350 | |

STAGE/TOP OUT/REMEDIAL CEMENT

Cement work date: _____

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

Details of work:

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 | |
| PIERRE | 2,605 | | <input type="checkbox"/> | <input type="checkbox"/> | |
| PARKMAN | 3,659 | | <input type="checkbox"/> | <input type="checkbox"/> | |
| SUSSEX | 4,469 | | <input type="checkbox"/> | <input type="checkbox"/> | |
| SHANNON | 5,031 | | <input type="checkbox"/> | <input type="checkbox"/> | |
| NIOBRARA | 6,507 | | <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: Eileen Roberts

Title: Regulatory Specialist Date: _____ Email: eroberts@nobleenergyinc.com

Attachment Check List

| Att Doc Num | Document Name | attached ? | |
|------------------------------------|-----------------------|---|--|
| <u>Attachment Checklist</u> | | | |
| 400398399 | CMT Summary * | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |
| | Core Analysis | Yes <input type="checkbox"/> | No <input checked="" type="checkbox"/> |
| 400398402 | Directional Survey ** | Yes <input checked="" type="checkbox"/> | No <input 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> | | | |
| 400398382 | LAS-MUD | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |
| 400398385 | LAS-MUD | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |
| 400398390 | LAS-CEMENT BOND | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |
| 400398404 | DIRECTIONAL DATA | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |

General Comments

User Group

Comment

Comment Date

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

Total: 0 comment(s)