
20. Casing, Liner and Cement:

| CASING |  |  |  |  |  |  |  |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Casing Type | Size of Hole | Size of Casing | Weight Per Foot | Setting Depth | Sacks Cement | Cement Bottom | Cement Top |
| SURF | $9+7 / 8$ | 7 | 20 | 373 | 99 | 373 | 0 |
| 1ST | $6+1 / 4$ | $4+1 / 2$ | 10.5 | 2,599 | 184 | 2,599 | 0 |
| REMEDIAL CE ME NT |  |  |  |  |  |  |  |
| Cement work date: |  |  |  |  |  |  |  |
| Details of work: |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |

21. Formation log intervals and test zones:

| FOR MATION 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 |  |
| BENTONITE |  |  | ■ | [ | Unable to log well. Couldn't get loggint tool past bridge @ 1654' |
| NIOBRARA |  |  | $\square$ | $\Gamma$ | Unable to log well. Couldn't get loggint tool past bridge @ 1654' |


| Comment: |
| :--- | :--- | :--- |
| Unable to log this well. Couldn't get logging tool past bridge @ 1654'. |
| I hereby certify all statements made in this form are, to the best of my knowledge, true, correct, and complete. |
| Signed:  Print Name: Loni J. Davis <br> Title:Oper Acctg \& Reg Spec Date: Email: Idavis@augustusenergy.com   |

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: __ Director of COGCC Date:

## Attachment Check List

| Att Doc Num | Name | Doc Description |
| :--- | :--- | :--- |
| 400080761 | CMT SUMMARY | Cement Tickets_Production.pdf |
| 400080762 | CMT SUMMARY | Cement Tickets_Surface.pdf |

Total Attach: 2 Files

