

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:

FORMATION LOG INTERVALS AND TEST ZONES

| FORMATION NAME | Measured Depth | | Check if applies | | COMMENTS (All DST and Core Analysis must be submitted to COGCC) |
|----------------|----------------|--------|------------------|-------|---|
| | Top | Bottom | DST | Cored | |
| SHARON SPRINGS | 5,760 | | NO | NO | |
| NIOBRARA | 5,877 | | NO | NO | |

Comment:

- PBSD is taken from the wet shoe sub set depth
- Please utilize the "Casing" tab for actual depths as sources reference different datums, which result in a different depth.
- Top of cement calculation is based on the Contractor's cement ticket.
- A CBL was not run during drilling operations; however, was run prior to commencement of completion operations, and, is being submitted via Sundry Notice (Doc# 402122792)
- No open-hole logs were run on this well. Per rule 317.p., a Resistivity log was run on the Anschutz Coffelt 5-61-34-0801B well (123-47618-00)
- The BHL was drilled past the setback to 1788' FNL & 400' FEL; however, the deepest BPZ will be within the unit boundary setback at 1785' FNL & 460' FEL of Sec. 36.
- This well is waiting on completions at this time the final form 5 is being submitted. HP will submit the actual TPZ and BPZ footages in the comments section on the form 5A.
- The wellbore beyond the unit boundary setback will be physically isolated and will not be completed.

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

Signed: _____

Print Name: Marjorie Rael

Title: Regulatory Ops Tech

Date: _____

Email: mrael@hpres.com

Attachment Check List

| Att Doc Num | Document Name | attached ? | |
|-----------------------------|-----------------------|---|--|
| Attachment Checklist | | | |
| 402123448 | CMT Summary * | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |
| | Core Analysis | Yes <input type="checkbox"/> | No <input checked="" type="checkbox"/> |
| 402123439 | 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"/> |
| Other Attachments | | | |
| 402123420 | LAS-GAMMA RAY | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |
| 402123429 | PDF-GAMMA RAY | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |
| 402123435 | PDF-GAMMA RAY | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |
| 402123438 | DIRECTIONAL DATA | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |

General Comments

| <u>User Group</u> | <u>Comment</u> | <u>Comment Date</u> |
|-------------------|----------------|---------------------|
| | | Stamp Upon Approval |

Total: 0 comment(s)

