



Duco Inc. Cement Report

Well was P&A for State of Colorado.

Well: Freeman 13-2

SESW – Section 13 – T2N- Meridian: R67W-

API: 05-123-13486

Weld County, Colorado.

All Cement pumped is class G cement. Mixed 5 gallons fresh water per SK for 15.8 LB cement. 1.15 Yield

Wireline: GR@4420' CIBP @4411' dump bail 2 sks perf @2500' shot off CSG @596'

8-21-19

Travel to location RU ND well head NU BOP TOO H standing back 41 stands laying the rest down
Tally RU wireline GR@4420' set CIBP @4411' fill the hole with 15 bbls CBL 4411' to surface psi
test CSG to 450psi 15min pass dump bail 2 sks of cmt on CIBP perf @2500' TIH with 41 stands
pick up 3' sub putting EOT @ 2500' Mix and pump 32 sks 6.55bbls of slurry 419'

plug TOC @2080' displacing with 8bbls TOOH standing back 22 stands reverse out 10bbls
SNWFN travel home

8-22-19

Travel to location JSA safety meeting tag TOC @2276' TOOH standing back 646' laying rest down Ru wireline shot off CSG @596' RD wireline ND BOP spear CSG lay down CSG on trailer tallying CSG 13 sticks TIH with TBG 646' break cir with 25bbls Mix and pump 240sks of cmt never getting cmt to surface State shut us down game plan ran out of cmt get another 60sks MIX and pump another 60 sks bring good cmt to surface RD rig dig down 4' below ground level cut off well head good cmt at surface weld on info plate back fill well! Done with well travel back to Rangely done with state work!

DUCO JOB LOG:

1. psi test CSG to 450psi 15min pass
2. EOT @ 2500' Mix and pump 32 sks 6.55bbls of slurry 419' plug TOC @2080' displacing with 8bbls
3. tag TOC @2276'
4. Mix and pump 240sks of cmt never getting cmt to surface State shut us down game plan ran out of cmt get another 60sks MIX and pump another 60 sks bring good cmt to surface