



02055309

Andrews, David

045-19482

From: Oaks, Rick [Rick.Oaks@Williams.com]
Sent: Monday, August 15, 2011 11:02 PM
To: Andrews, David; Longworth, Mike; Kellerby, Shaun; Cass, Lynn; Ragsdale, Ted; Franzone, Tony
Subject: H&P 278 (TR 332-32-597) cement & top outs.

David, H&P 278 ran surface casing and cemented on the CTR 332-32-597

We pumped 10 bbls fresh water spacer, pumped 50 bbl super flush,
pump 10 bbls fresh water spacer, pumped lead cement 1200 sks, 480 bbls slurry, 12.3 ppg,
2.23 yield and 12.21 gal/sk...pump tail cement, 250 sks, 92.2 bbls slurry, 12.6 ppg, 2.07 yield,
11.04 gal/sk drop plug pump 214.7 bbls drl mud displacement land plug w/ 930 psi. 420 psi lift w/ 4 bbls min
pump 10 bbls sugar water throw parasite string. we had no returns through out the hole job.
we topped off with super flush and 175 sks 15.8 ppg 1.15 yield @ 5.0 gal/sk mix, superflush 100
38 bbls to top out.

~~CTR 412-32-597 we pumped 284 sks, 15.8 ppg, 1.15 yield, w/ 5.0 gal/sk mix,~~

~~pumped 5 bbls super flush 100, w/ calcium chloride 50% bag topped out w/ 70 bbls slurry~~

~~CTR 412-32-597 we pumped 60 sks 15.8 ppg, 1.15 gal/sk, pumped 5 bbls super flush 100~~

~~38 bbls cement to top out~~

~~all the cement topped out~~

Thanks Rick Oaks

Williams production rmt 970-210-2167