



From: Oaks, Rick [mailto:Rick.Oaks@Williams.com]
Sent: Friday, August 12, 2011 2:35 PM
To: Andrews, David
Subject: H&P 278 surface TR 41-32-597 pad

David,

~~here is cement details for TR 41-32-597~~

~~surface hole size 14 3/4"~~

~~9 5/8" surface casing set @ 2700.'~~

~~1200 sks, lead cement, 12.3 ppg, and 2.23 yield, 12.21 gal/sk~~

~~250 sks, tail cement, 92 bbls slurry, 12.6 ppg, 2.07 yield, 11.04 gal/sk~~

~~displace 212 bbls 9.1 drilling mud, floats held 300 psi lift @ 4 bbls/min~~

~~Make top off as yet but will top off all three at the same time and will record top off volume and pumped
and monitor each well to assure a good top out and will send you the volumes~~

~~on this tr 41-32-597 pad, after drilling the last surface~~

~~well CTR 41-32-597 surface drilled~~

~~CTR 42-32-597 surface drilled~~

~~CTR 332-32-597 surface to be drilled as per spud date~~

here is cement details for TR 42-32-597 045-19490

surface hole 14 3/4" (bumped plug @ 5:47 am this friday morning 08/12/2011)

9 5/8" surface casing set @ 2875'

1200 sks, lead cement, 12.3 ppg, and 2.23 yield, 12.21 gal/sk

250 sks, tail cement, 92 bbls slurry, 12.6 ppg, 2.07 yield, 11.04 gal/sk

displace with 220 bbls 9.1 ppg drilling mud, floats held, 420 psi lift @ 4 bbls min - TOP OUT WAS

284 sk, 15.8 ppg,

1.15 cf/sk, 5.0 gal/sk mix,

70 bbls

now ready to spud the TR 332-32-597 2:21 pm 08/12/2011

Thanks David

Rick Oaks

Williams production rmt

Cell # 970-210-2167

D.A.