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Andrews, David

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**From:** Bascom, Brent [Brent.Bascom@Williams.com]  
**Sent:** Thursday, December 09, 2010 7:15 AM  
**To:** Bascom, Brent; Beougher, Justin; Scharf, Allan; Cass, Lynn; Andrews, David; Bascom, Kenneth; Ragsdale, Ted; Longworth, Mike; Hancock, Scott; Kellerby, Shaun  
**Cc:** bill\_kraft@blm.gov; buddy\_l\_thompson@blm.gov; steve\_halcomb@blm.gov  
**Subject:** RE: Post Surface casing & cementing RG 421-14-298

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**From:** Bascom, Brent  
**Sent:** Saturday, November 06, 2010 10:14 PM  
**To:** Bascom, Brent; Beougher, Justin; Scharf, Allan; Cass, Lynn; Andrews, David; Bascom, Kenneth; Ragsdale, Ted; [mike.longworth@state.co.us](mailto:mike.longworth@state.co.us); Hancock, Scott; [shaun.kellerby@state.co.us](mailto:shaun.kellerby@state.co.us)  
**Cc:** [bill\\_kraft@blm.gov](mailto:bill_kraft@blm.gov); [buddy\\_l\\_thompson@blm.gov](mailto:buddy_l_thompson@blm.gov); [steve\\_halcomb@blm.gov](mailto:steve_halcomb@blm.gov)  
**Subject:** RE: Post Surface casing & cementing RG 421-14-298

Williams Production RMT Co. Drilled Surface hole to a total depth of 3285' ,@ 13:30, 12/07/2010, on the RG 22-14-298, API# 05-103-11749-00, Sec.14-T2S-R98W, Rio Blanco County, Co. and set 9 5/8", 36.0#, J-55 surface casing @ 3247' w/ cement stage tool set @ 1285' on Wednesday 12/08/2010.

Cement details.

Stage 1 cement.

Pumped 20 bbl fresh water spacer +245 bbl (805 sx) 12.8 ppg, 1.7 ft<sup>3</sup>/sk, Poz/A Cement. 5.2 Displaced w/ 248 bbl. 8.7 ppg mud, 462 psi lift pressure @ 2.5 bbl/min. w/ good returns. Land wiper plug w/ 910 psi. Released pressure. Floats held. Dropped stage tool opening plug and opened tool w/ 750 psi. Circulated 4 hrs. through stage tool w/ rig pumps. 30 bbl cement contaminated mud in returns w/ no mud lost.

Stage 2 cement

pumped 20 bbl fresh water spacer +265 bbl. (870 sx) 12.8 ppg, 1.7 ft<sup>3</sup>/sk, Poz/A Cement. Displaced cement w/ 101 bbl fresh water, 199 psi lift pressure @ 2.5 bbl/min. Weak returns, Lost returns 85 bbl in displacement. No cement to surface. Close stage tool w/ 1100 psi. Released pressure.

Top out #1 - run in hole w/ 1.9" tubing. Tag cement top @ 575'. Pump 55.5 bbl 15.8 ppg "G" cement, 1.17 cu.ft/sk. pull out of hole w/ tubing W.O.C. 8 hrs. Fluid level dropped 20'.

Top out #2 - R.I.H. w/ 1.9" tubing, tag cement top @175'. Pump 32 bbl 15.8 ppg "G" cement (155 sx) 1.17 cu.ft/sk. circulated 3.5 bbl cement to surface . Hole stayed full.

Please call or email with any questions.

Thanks,  
Brent Bascom  
Williams Production RMT Co.  
Frontier Rig 10  
281-840-6548