



Andrews, David

From: Brunk, Andrew [Andrew.Brunk@Williams.com]
Sent: Thursday, September 16, 2010 10:25 AM
To: Jackson, Jim; Cass, Lynn; Scharf, Allan; Beougher, Justin; Bascom, Brent; Thompson, Bud; Brunk, Andrew; Ragsdale, Ted; Kraft, Bill; Kellerby, Shaun; Longworth, Mike; Andrews, David; Halcomb, Steve
Subject: Squeeze DV tool. & F.I.T. Fed RG 532-5-397 API 05-103-11507-00

Squeeze data on the Fed RG 532-5-397 API 05-103-11507-00 well through the dv was as follows

DV tool top @ 1702'
Packer set @ 1521'
pumped 20 bbl fresh water spacer @ 3.4 bbl/min @ 670 psi
Pumped 52 bbl (250 sx) 15.8 # 1.15 yld Neat G cement @ 3.4 bbl/min final pressure 270 psi
Displace w/ 20 bbl fresh water @ 3.4 bbl/min final pumping pressure 640 psi.
back pressure before unstung from packer was 440 psi.
Unstung from packer displace pipe leaving 2 bbl cement on top of packer.
14 bbl cement from packer down to dv tool.
Squeezed 36 bbl cement through dv tool ports.

Waited on cement then drilled out packer & cement. Pressure test squeeze to 500 psi successful.
Drill out shoe & 10' of new formation to perform a formation integrity test.

F.I.T. @ 3440' TVD with 8.7 mud weight + 320 psi added pressure = 10.5 ppg equivalent mud weight.

Please call w/ any questions or comments.

Thanks

Andrew Brunk

Williams Production RMT.

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