

**Andrews, David**

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**Sent:** Wednesday, October 01, 2008 5:25 PM  
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**Subject:** Kitti Fairfield A5 - API# 05-103-11010 - 01  
**Follow Up Flag:** Follow up *D.A.*  
**Flag Status:** Red

Please note details on squeeze job to Navajo Perfs as shown below.

S/M. RU Schlumberger Cementers. S/M on Navajo squeeze job. Sting out of retainer. Displace brine out of hole with 310 b. fresh water. Sting into retainer. Establish rate @ 3.4 bpm @ 1500#. Observed no communication with annulus. Sqz Navajo Perfs 4869'-4879', 4975'-4985' & 5080'-5100' with 360 sxs. of Class "G" cement with .09 pps D013 + .18 pps D065 + .18 pps D167 and mixed @ 15.8 ppg - 1.15 yield - 4.97 gps water. Max. rate & press. = 6.4 bpm & 4200#. Job almost locked up when cement hit the formation, but broke down and the job was pumped away. Flushed cement with 41 BW. ISIP = 1400#. Stung out of retainer and DP was on a vacuum. LD one jt. and 4' sub with cement iron. TOH slowly with 2 stands. Re-install 4' sub and single joint with Sch. iron placing stinger @ 4558'. Reverse out cement with A.P. closed with 75 B. fresh water. Observed cement flag @ 48-51 bbl's pumped and then cleaned up. Left 6 bbl's or 85' cmt. on retainer with TOC @ 4627'. Cement in place & well reversed clean @ 13:00 10/01/08. S/M. RD Schlumberger.

Any questions, give us a call.  
Respectfully,