

**From:** [Schlagenhauf - DNR, Mark](#)  
**To:** [Urbanex, Tom \[New Tech Engineering\]](#)  
**Cc:** [Light, Cheryl](#)  
**Subject:** Re: Russell Tom L C True 1 hole in casing cement job  
**Date:** Wednesday, August 06, 2014 2:53:18 PM

---

Tom,

No objection to proposed repair (procedure below) of slight casing leak in API 123-11333 [TOM L RUSSELL UNIT "C"-TRUE #1](#).

Mark Schlagenhauf P.E.  
Northeastern Engineer  
COGCC

- 1 Hole in production casing found between 4783' to 4798' with a 1 bbl/min at 2000 psi injection rate.
- 2 RBP at 8003' with 2 sx sand on top of RBP is currently there.
- 3 TIH 2-3/8"TBG to +/- 4828'. Circulate fresh water with biocide until clean.
- 4 Spot 10 sx of class G 14.6 ppg 1.12 cuft/sk mixed for a 6 hour pumping time.
- 5 TOOH to +/- 3783'.
- 6 Circulate 28 bbl fresh water and have clean return.
- 7 Close casing valve and pump slowly down tubing no more than 1 BBL/minute. If pressure gets to 1000 psi before 3 BBL of fresh water, then shut down. **Do not exceed 3 bbl**. Hold pressure for minimum 4 hours.
- 8 WOC a minimum of 24 hours.
- 9 PU bit (4.5", 10.5#, J-55 production casing) and drill out cement. Pressure test squeeze at 1000 psi for 15 minutes. If pressure test holds continue, otherwise contact Evans Engineering.
- 10 After completion of successful test, continue with HZ Safety Prep procedure.

-

On Wed, Aug 6, 2014 at 2:47 PM, Urbanex, Tom [New Tech Engineering]  
<[Tom.Urbanex@anadarko.com](mailto:Tom.Urbanex@anadarko.com)> wrote:

Mark,

Here is the procedure we just talk about on the phone.

API: 0512311333

Thanks,

--Tom Urbanek

HZ Safety Prep Engineer

Anadarko Petroleum Company

[303-241-5331](tel:303-241-5331)

[Click here for Anadarko's Electronic Mail Disclaimer](#)