



02055266

**Andrews, David**

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**From:** Foster, Nicole [Nicole.Foster@williams.com]  
**Sent:** Wednesday, October 05, 2011 8:50 AM  
**To:** Andrews, David; bhartman@blm.gov  
**Cc:** Caughlin, Bob  
**Subject:** RE: SP 13-13 top job

Hole size = 13.5"

Casing size = 9 5/8"

Lift pressure prior to bumping the plug = 185 psi

Flow rate prior to bumping the plug = 2 bbl/min

The top job went well last night. The cement was 176' from surface so we only pumped 107 sxs of cement. That fell 7' so we will sack-crete that to surface with an estimated 4 bbls.

Let me know if there is anything else you need.

Thanks!

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**From:** Andrews, David [mailto:David.Andrews@state.co.us]  
**Sent:** Wednesday, October 05, 2011 7:54 AM  
**To:** Foster, Nicole; bhartman@blm.gov  
**Cc:** Caughlin, Bob  
**Subject:** RE: SP 13-13 top job

Nicole,

Please reply with the following:

- Surface hole size
- Casing size
- Lift (flowing casing) pressure and flow rate immediately prior to bumping the plug

Thanks,

**David D. Andrews, P.E., P.G.**  
Engineering Supervisor - Western Colorado

**State of Colorado**  
**Oil and Gas Conservation Commission**  
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**From:** Foster, Nicole [mailto:Nicole.Foster@williams.com]  
**Sent:** Tuesday, October 04, 2011 7:14 PM  
**To:** Andrews, David; bhartman@blm.gov  
**Cc:** Caughlin, Bob  
**Subject:** SP 13-13 top job

Today on the SP 13-13 well (API 05-045-20422-00) we pumped 315 sks 12.3# lead cement ( $2.38 \text{ ft}^3/\text{sks}$ ), 160 sks 12.8# tail cement ( $2.11 \text{ ft}^3/\text{sks}$ ) and displaced with 121 bbl fresh water. 20 bbls into displacement we lost all returns. We pumped 58 bbls excess but did not see anything come to surface. The plug was bumped with 820 psi and held for 5 minutes but didn't hold. It was bumped again with 730 psi but didn't hold so we bumped the plug once more and are holding 500 psi on it.

We will proceed by doing a top job with 100 sks of 15.8# class G 15A cement ( $1.15 \text{ ft}^3/\text{sks}$ ). If this volume does not give us sufficient cement, we will WOC then pump another 100 sks of the same cement.

Thank you!  
Nicole Foster  
Drilling Engineer  
Williams Production RMT  
970-274-6079