



02054299

**Andrews, David**

045 - 12771

VERBAL PLUGGING ORDERS

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**From:** Rig302 [rig302@bry.com]  
**Sent:** Wednesday, March 24, 2010 9:58 AM  
**To:** Andrews, David  
**Cc:** Longworth, Mike; Kellerby, Shaun; Schmitz, Steve H.; Gurmendi, Aldo R.  
**Subject:** RE: Abandon Chevron 20-30D

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

3/27/2010 : NOTICE RECEIVED FOR  
SURFACE PLUG # 3

David,

We have tagged Plug # 2 at 2105' this is 132' above the 9 5/8" casing shoe depth. As per our conversation this morning Berry will plan to pump Plug # 3 in approx. 5 days when we Top out our next Surface Well. This will save Berry 16 hours of standby time for BJ Services today while we nipple down prior to cementing Plug # 3. We will notify all personnel on the "NW Co. Notification Policy" of our verification of cement to Surface on this current Well # Chevron 20-30D, API # 05-045-17274-00. Permit # 20090058.

Thank you for your assistance and time on this matter.

Leonard Clark  
Drill Site Consultant  
Representing Berry Petroleum  
Office # 281-605-2057  
[rig302@bry.com](mailto:rig302@bry.com)

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**From:** Andrews, David [David.Andrews@state.co.us]  
**Sent:** Wednesday, March 24, 2010 7:31 AM  
**To:** Rig302  
**Cc:** Longworth, Mike; Kellerby, Shaun; Schmitz, Steve H.; Gurmendi, Aldo R.; King, Kevin  
**Subject:** RE: Abandon Chevron 20-30D

Leonard,

The top of Plug #2 (the surface casing shoe plug) must be at least 50' above the surface casing shoe. Please tag that plug for verification of the cement top.

Thanks,

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

**State of Colorado**  
**Oil and Gas Conservation Commission**  
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Rifle, Colorado 81650  
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E-mail: [David.Andrews@state.co.us](mailto:David.Andrews@state.co.us)  
Website: <http://www.colorado.gov/cogcc>

**From:** Rig302 [mailto:rig302@bry.com]  
**Sent:** Tuesday, March 23, 2010 5:51 PM  
**To:** Andrews, David  
**Cc:** Longworth, Mike; Kellerby, Shaun; Schmitz, Steve H.; Gurmendi, Aldo R.  
**Subject:** RE: Abandon Chevron 20-30D

David,

Thank you. One last question, will you require verification on Plug # 2 - 100' above the 9 5/8" Casing Shoe. Sorry this is so late in the day and such short notice. and Thank you.

Leonard Clark  
Drill Site Consultant  
Representing Berry Petroleum  
Office # 281-605-2057  
[rig302@bry.com](mailto:rig302@bry.com)

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**From:** Andrews, David [David.Andrews@state.co.us]  
**Sent:** Tuesday, March 23, 2010 5:12 PM  
**To:** Rig302; Longworth, Mike; Kellerby, Shaun; King, Kevin  
**Cc:** Schmitz, Steve H.; Gurmendi, Aldo R.  
**Subject:** RE: Abandon Chevron 20-30D

Leonard,

Consider this your "verbal" approval for the procedure shown below. This email also confirms receipt of your email correcting information shown below:

Correction to P&A Notification.

>9 5/8" 36# J-55 casing set to 2237'. Primary Surface Casing.

Transposed numbers on 9 5/8" casing depth. 9 5/8" Shoe Depth is 2237' MD.

Berry Petroleum should submit a Form 6 (Notice of Intent to Abandon) with the plug depths shown below to Kevin King in COGCC's Rifle office (I will be out of town until April 5).

Thanks,

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

**State of Colorado**  
**Oil and Gas Conservation Commission**  
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Website: <http://www.colorado.gov/cogcc>

**From:** Rig302 [mailto:rig302@bry.com]  
**Sent:** Tuesday, March 23, 2010 12:32 PM  
**To:** Longworth, Mike; Andrews, David; Kellerby, Shaun  
**Cc:** Schmitz, Steve H.; Gurmendi, Aldo R.  
**Subject:** Abandon Chevron 20-30D

David,

Well Chevron 20-30D  
API # 05-045-12771-00  
Garden Gultch  
Garfield county

I am e-mailing you regarding Berry Petroleum's decision to P&A of our current well Chevron 20-30D in the Garden Gultch field. We have been unsuccessful in our first Sidetrack attempt. We will Abandon this Well as follows:

- > Abandoning 77 jts. 4.5" P-110 Prodc. Casing in Well f/ TD of 10,048' ( Csg. Abandon 10048' to 6490') 3558' of 4 1/2" long string.
- > Plug # 1 - 4 1/2" csg cemented f/ 6472' to 6372' (100') Cmt w/ 25 sx 13.2ppg 2.15yld ( Apprx. TOG at 7000') - 7 7/8" Hole size
- > Plug # 2 - f/ 3027' to 2305 verified tag depth (722') Cmt w/ 149sx 125 ppg 2.53yld - 8 3/4" Hole size  
Plug # 2 dressed off 300' to depth of 2637'
- > Kick Off Plug - f/ 2637' to 2344' verified tag depth  
Open Hole Whipstock Abandon at 2344'
- > 9 5/8" 36# J-55 casing set to <sup>2237' MD</sup> 2375'. Primary Surface Casing. *D.A.*

Berry Petroleum intends to pump 207' of additional Cement volume on top of the present Plug #2 (Abandoning Open Hole Whipstock at 2344'). 100' above the 9 5/8" csg Shoe of 2237'. (3027' to 2137')

This " Top Off # 2" Plug will be approx. 100sx Type III 14.2 ppg Cement. Plug # 3 - approx. 25sx Type III 14.2 ppg. (The last plug at Surface (Plug # 3) will be targeted to cover 50' of 9 5/8" 36# Surface casing.

There are no radio active sources involved in Abandonment. Please contact me if I can clarify our intention to Plug & Abandon Chevron 20-30D or my procedure is incomplete. Thank you!

Leonard Clark  
Drill Site Consultant  
Representing Berry Petroleum  
Office # 281-605-2057  
[rig302@bry.com](mailto:rig302@bry.com)