

STATE OF  
COLORADO

Sachen - DNR, Toby &lt;toby.sachen@state.co.us&gt;

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**RE: Alles 22S-432, API 05-123-37799, Unplanned Sidetrack**

1 message

**Diana Burn - DNR** <diana.burn@state.co.us>

Fri, Mar 28, 2014 at 3:07 PM

To: Liz Lindow &lt;Liz.Lindow@pdce.com&gt;, "Adam P. Conry" &lt;Adam.Conry@pdce.com&gt;

Cc: Carrie Ratliff &lt;Carrie.Ratliff@pdce.com&gt;, Toby Sachen - DNR &lt;toby.sachen@state.co.us&gt;, Jane Stanczyk - DNR &lt;jane.stanczyk@state.co.us&gt;, Mike.Hickey@state.co.us

Yes it is the approval of the unplanned sidetrack - we do not need an Intent to Abandon – we will treat the approval of the email with the plugging details as the NOIA – we will need a form 5 and a Subsequent Report of Abandonment.

Thanks,

Diana

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**From:** Liz Lindow [mailto:[Liz.Lindow@pdce.com](mailto:Liz.Lindow@pdce.com)]**Sent:** Friday, March 28, 2014 2:51 PM**To:** Diana Burn - DNR; Adam P. Conry**Cc:** Carrie Ratliff; Toby Sachen - DNR; Jane Stanczyk - DNR; [Mike.Hickey@state.co.us](mailto:Mike.Hickey@state.co.us)**Subject:** RE: Alles 22S-432, API 05-123-37799, Unplanned Sidetrack

Thanks Diana – once we have that approval I can file the Form 6 Intent to Plug and the new form 2.

Does this count as your approval for the Unplanned Sidetrack? Will you also send us an email back for the Rig Skid process approval, once you do so our field knows if they can proceed with the proposed actions?

 Liz Lindow | Regulatory Analyst (Progressive Consulting) | Consultant for PDC Energy | O: 303-831-3974 | F: 303-860-5838 | [liz.lindow@pdce.com](mailto:liz.lindow@pdce.com)

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**From:** Diana Burn - DNR [mailto:[diana.burn@state.co.us](mailto:diana.burn@state.co.us)]**Sent:** Friday, March 28, 2014 2:31 PM**To:** Adam P. Conry**Cc:** Carrie Ratliff; Liz Lindow; Toby Sachen - DNR; Jane Stanczyk - DNR; [Mike.Hickey@state.co.us](mailto:Mike.Hickey@state.co.us)**Subject:** RE: Alles 22S-432, API 05-123-37799, Unplanned Sidetrack

Thank you for the details – we will attach this information to the APD get it approved and process the rig skid APD.

Diana

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**From:** Adam P. Conry [mailto:[Adam.Conry@pdce.com](mailto:Adam.Conry@pdce.com)]  
**Sent:** Friday, March 28, 2014 1:38 PM  
**To:** [diana.burn@state.co.us](mailto:diana.burn@state.co.us)  
**Cc:** Carrie Ratliff; Liz Lindow  
**Subject:** Alles 22S-432, API 05-123-3799, Unplanned Sidetrack

Diana,

During the drilling of the Alles 22S-432 well, API [05-123-3799](#), PDC encountered numerous difficulties downhole. After completing the curve and POH with directional tools, it was noticed that the bit and bottom of the mud motor parted and stayed in the well. The decision was made to plug back and sidetrack instead of fishing due to hole angle and depth risk of not obtaining fish was too high. During the haste of that decision making process, PDC proceeded with the sidetrack without obtaining the proper approval, verbal or written, from the COGCC. While this oversight was not intentional, PDC acknowledges that we drilled the sidetrack without an approved permit. To follow are the required details of the 8-3/4" open hole sidetrack that PDC drilled:

**Alles 22S-432, API [05-123-3799](#), Unplanned Sidetrack**

- a. Description of the situation that has resulted in an UNPLANNED sidetrack

**After TD of our 8-3/4" hole section the bottom of the mud motor was left in Hole at TD. It was decided that it was not economical to fish for mud motor and bit. The decision was made to plug back the open hole and re-drill the 8-3/4" hole section. Keeping BHL the same.**

- b. Total measured depth reached in the wellbore being plugged back

**TMD: 7,328'**

- c. Casing set – size(s) and measured depth(s)

**Surface Casing, 9-5/8" 36#/ft J-55, set at 928''**

- d. Description of fish in the hole (if any) – including top and bottom measured depths

**Fish Bottom Depth 7328', Top depth 7297'**

- e. Description of proposed plugs: setting measured depths, heights, and cement volumes

**Plug 1 set from 7,297 to 6,750': 200 sx (15.5ppg 40.8 bbls yield 1.15 cuft/sx )**

**Plug 2 set from 6,750' to 6,100':300 sx (17.5ppg 48.8 bbls yield 1.15 cuft/sx)**

f. Type of cement to be used for all plugs, including slurry weight (ppg) and yield (cf/sk)

**Cement will be Class G cement with appropriate additives, for 200 sx 15.5ppg 40.8 bbls yield 1.15 cuft/sx + 300 sx 17.5ppg 48.8 bbls yield 1.15 cuft/sx.**

g. Measured depth of proposed sidetrack kick-off point

**Sidetrack KOP was drilled at 6,103'.**

h. Proposed objective formation(s) for sidetrack hole – new or same as the wellbore being abandoned

**Same as lost hole: Codell**

i. BHL Target for sidetrack hole – new or same as the wellbore being abandoned

**Same as lost hole: BHL 2326' FSL, 500' FEL, SEC.23**

j. Verbal/email approval to plug back and sidetrack – indicate the name of the COGCC Engineer who granted verbal/email approval, as described in Step 1.b., and the date approval granted.

**Approval for sidetrack prior to drilling was not obtained.**

Regards,

Adam Conry | Drilling Engineer - Denver |PDC Energy | O: [303-860-5800](tel:303-860-5800) | C: [303-883-3351](tel:303-883-3351) | F: [303-860-5838](tel:303-860-5838)

[Adam.Conry@pdce.com](mailto:Adam.Conry@pdce.com)

*"To improve is to change, to be perfect is to change often." Churchill Winston*

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