



Andrews, David

SIDETRACK - VERBAL APPROVAL

From: Andrews, David  
Sent: Friday, August 27, 2010 11:30 AM  
To: 'brian.k.dunn@exxonmobil.com'  
Cc: david.l.pace@exxonmobil.com; Garrison, Penny  
Subject: RE: PCU 296-6A4 Sidetrack Details  
Attachments: SIDE TRACK Guidance Document Rev. 07-29-2010.pdf

Brian,

This email confirms my verbal approval to sidetrack, as discussed on the phone. Please submit sidetrack documentation to Penny Garrison, as required on the attached guidance.

Thanks,

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

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-----Original Message-----

From: brian.k.dunn@exxonmobil.com [mailto:brian.k.dunn@exxonmobil.com]  
Sent: Friday, August 27, 2010 11:23 AM  
To: Andrews, David  
Cc: david.l.pace@exxonmobil.com  
Subject: PCU 296-6A4 Sidetrack Details

David,

Below is a description of the events leading up to the sidetrack:

- H&P 239 drilled the PCU 296-6A4 intermediate hole section to a depth of 8,229' MD.
- Once reaching 8,229' MD, the rig tripped out of the hole and ran back in with a new bit due to signs of under-gauge BHA/bit.
- While running back in the hole, the team encountered tight spots while washing and reaming.
- Upon getting back to the bottom of the hole, the team encountered severe packoffs and torque, prohibiting further drilling progress.
- The decision was made to POOH and commence sidetracking operations.

Sidetrack Plan:

- A 500ft 15.8ppg bottom cement plug will be pumped from 5,550ft - 5,050ft MD.
- A 600ft 17.0ppg kick off cement plug will be pumped from 5,050ft - 4,450ft MD.
- RIH with kickoff BHA and sidetrack. Kick-off point at 4,653' MD.

The Wasatch G top is at 6,166' MD (5,893' TVD).

Please let me know if there is any more information you need.

Thanks,  
Brian Dunn

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