From:	Diana Burn - DNR
To:	Adam P. Conry; Steve Jenkins - DNR; Barbara Westerdale - DNR; Ashley Noonan - DNR
Cc:	Steve W. Trippett; John Sinesi; Kelsi Welch; Venessa Langmacher; Brian T. Murray
Subject:	RE: Sater 19M-243 API#05-123-42062
Date:	Monday, March 14, 2016 4:28:10 PM

Please proceed as proposed. Steve Jenkins is the area engineer, email only needs to come to me though.

Thanks,
Diana

From: Adam P. Conry [mailto:Adam.Conry@pdce.com]
Sent: Monday, March 14, 2016 3:31 PM
To: diana.burn@state.co.us; mark.Schlagenhauf@state.co.us; Mike.Hickey@state.co.us
Cc: Steve W. Trippett; John Sinesi; Kelsi Welch; Venessa Langmacher; Brian T. Murray
Subject: RE: Sater 19M-243 API#05-123-42062

Diana,

Open hole sidetrack information below. Verbal approval received thank you. Regulatory will be working on the APD.

a. Well name and API - **Sater 19M-243 API#05-123-42062**

b. Explanation of situation and why you need to sidetrack – **Unable to enter original wellbore due to running shale/faulting.**

c. Total measured depth reached (also have TVD) **10809' MD, 6500' TVD**

d. Casing sizes set and measured depth **9-5/8" @1620' MD/ 1617' TVD.**

e. Description of fish-including top and bottom. **No fish.**

f. Type of cement you will be using including weight, yield, and sacks. **220 sx, 15.6ppg, 1.18 yd, 500'**

g. Measured depth and TVD of sidetrack point **4146' MD 4646' TVD**

h. Proposed target formation of sidetrack hole if different than permitted. **Same as permit.**

i. BHL of sidetrack hole. **Same as original plan.**

j. Wellbore diagram: **Attached. The schematic shows "open hole; casing; 8 ½ in; 1,643.0 ftKB; 10,809.0 ftKB" our program is not working and will not show the cement plug without a casing string in the hole there is no casing string. We are working on this and will remove the casing and show just the cement if we can get it to work.**

Regards,

Adam Conry | Drilling Engineer - Denver | PDC Energy | O: 303-860-5800 | C: 303-883-3351 | F: 303-860-

5838
Adam.Conry@pdce.com

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

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From: Adam P. Conry
Sent: Saturday, March 12, 2016 12:42 PM
To: 'diana.burn@state.co.us' <diana.burn@state.co.us>; mark.Schlagenhauf@state.co.us; 'Mike.Hickey@state.co.us' <Mike.Hickey@state.co.us>
Cc: Steve W. Trippett <Steve.Trippett@pdce.com>; John Sinesi <John.Sinesi@pdce.com>; Kelsi Welch <Kelsi.Welch@pdce.com>; Venessa Langmacher <Venessa.Langmacher@pdce.com>; Brian T. Murray <Brian.Murray@pdce.com>
Subject: Sater 19M-243 API#05-123-42062

Diana/Mark/Mike,

Just want to give you a heads up. We are having issues on Sater 19M-243 API#05-123-42062. We drilled the wellbore to TD, while tripping out of the hole for production casing we encountered issues in the curve, pulling tight and getting stuck multiple times. We were finally free and tripped out to lay down directional tools and attempted to trip back in to clean up the hole with a reaming assembly which we planted. We are stuck at 6550' backed off at 6530' and have roughly 90' of fish in the hole. First fishing attempt was unsuccessful we are currently making another attempt but it's not looking great. Looking at the geology there are many faults where we are stuck so even with a successful fishing attempt we think it will be unlikely we can get back in the hole to run casing. We will most likely sidetrack landing lower in zone to avoid the faults. This notice is to get verbal approval to sidetrack. Thank you.

Regards,

Adam Conry | Drilling Engineer - Denver | PDC Energy | O: 303-860-5800 | C: 303-883-3351 | F: 303-860-5838
Adam.Conry@pdce.com

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