

Green, Doreen [Prodigy Staff Advsr]

From: Jacobson - DNR, Eric <eric.jacobson@state.co.us>
Sent: Wednesday, January 8, 2020 10:32 AM
To: Nick_Rosenhagen@oxy.com
Subject: [EXTERNAL] Re: NESG 11-24 API: 0512323121 - CHANGE OF SCOPE

Nick

Approved as outlined.

Eric

On Wed, Jan 8, 2020 at 10:18 AM <Nick_Rosenhagen@oxy.com> wrote:

Hello Eric,

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Based on our current P&A design, I request the following changes of scope on the NESG 11-24:

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1. Changing the 25 sx Niobrara balance plug to a 2 sx dumpbail
2. Removing the casing cut and stub plug and replacing it with a squeeze to surface from 965'-0'

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Below is a WBD that represents the requested changes. Please let me know if you have any questions or concerns.

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Existing		DATUM: RKB		Proposed	
		KB=16'			
Hole Size/Depth	12-1/4" - 862'				
<u>Surface Casing</u>					
Casing Size/Depth: 8-5/8", 24#/ft @	862'	330 sx	1.23 yld/AGM		
			15.8 ppg		
Fox Hills Formation Marker	BP			965'	Perf/BOC
TOC (from CBL)	3210'				
		2 sx			
		4000'			
Sussex					
Top	4202'				
Base	4376'				
NOT productive within 1 mile					
Shannon	4830'				
NOT productive within 1 mile					
		2 sx			
		7225'			
Niobrara Top	7294'				
Niobrara Perfs	7298' - 7418'				
Codell Perfs	7548' - 7568'				
<u>Production Casing/Hole</u>					
Casing Size/Depth	4-1/2", 11.6#/ft @	7709'			
Hole Size/Depth	7-7/8" (bit size) @	7715'			

Existing Cement
New CICR
Existing CICR
New CBP
Existing CBP
New Cement
Sand Plug
Existing Mud

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Best,

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Nicolas Rosenhagen

Well Services Engineer

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Eric Jacobson, PE

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