

Arrant, Bryan, EMNRD

From: Arrant, Bryan, EMNRD
Sent: Tuesday, January 16, 2007 9:08 AM
To: 'Court@rkford.com'
Subject: FW: 900' Shoe requirement - Corkran Energy - Orleans 25 #1 - API# 30-105-35260

From: Gum, Tim, EMNRD
Sent: Friday, January 12, 2007 10:43 AM
To: Arrant, Bryan, EMNRD
Subject: RE: 900' Shoe requirement - Corkran Energy - Orleans 25 #1 - API# 30-105-35260

Bryan,

They are required to circulated cement on the surface casing using what ever method they choose. If it does not circulate then it is a one inch job.

TWG

From: Arrant, Bryan, EMNRD
Sent: Friday, January 12, 2007 9:01 AM
To: Gum, Tim, EMNRD
Subject: FW: 900' Shoe requirement - Corkran Energy - Orleans 25 #1 - API# 30-105-35260

From: Court Adkins [mailto:Court@rkford.com]
Sent: Friday, January 12, 2007 8:28 AM
To: Arrant, Bryan, EMNRD
Subject: 900' Shoe requirement - Corkran Energy - Orleans 25 #1 - API# 30-105-35260

Bryan,

Per our conversation yesterday, I am requesting that Corkran Energy be allowed to run a stage collar at 900' in the Orleans 25 #1 in order to fulfill your requirement for a shoe at that depth. Our most complete drilling record for the area is from Murchison's Skipaway #1, where they encountered sloughing sand beginning at 338', partial lost returns beginning at 708', followed by complete loss of returns at 1165'. Murchison set surface casing at 412', effectively separating the sloughing sand from the lost returns.

Given this scenario, our first plan to accommodate the 900' shoe requirement, which would be to set surface pipe at 900', would quite possibly end up with a stuck drill string and a junked hole, since we would likely not be able to circulate away the sloughing sand once we lost returns.

Our second plan to accommodate the 900' shoe requirement would be to set surface at 420', as per the APD, then set intermediate at 900', also per the APD, then drill on to TD. We would likely not be able to accomplish this plan either, due to the high possibility of lost circulation between the 900' shoe and the originally planned intermediate casing setting point of 1300'.

What we propose is to run a stage collar at 900' in the Orleans 25 #1 in order to fulfill your requirement for a shoe (a seal) at that depth. We could then circulate cement from 900' to surface with a second stage cement job on the intermediate string.

1/16/2007

Please let us know if this would be acceptable.

Thank you,

Court Adkins
R.K. Ford & Associates

1/16/2007