

Arrant, Bryan

Subject: FW: Jones Canyon '4' Federal #6

The APD does not specify where the injection perfs will be. the 9 5/8" casing is the long string. The TOC will be 7000'.

From: Stone, Ben
Sent: January 26, 2000 8:11 AM
To: Arrant, Bryan
Cc: Catanach, David; Gum, Tim
Subject: RE: Jones Canyon '4' Federal #6

So where are they proposing to inject??? Generally we have used 500' of cement isolation above the top of the injection interval as a rule of thumb. Is the 9 5/8" their production string? If not, what is the TOC on the long string?

See ya!.....bes

From: Arrant, Bryan
Sent: Wednesday, January 26, 2000 7:43 AM
To: Stone, Ben
Cc: Catanach, David; Gum, Tim
Subject: Jones Canyon '4' Federal #6

An APD for the above referenced well came in yesterday and we need to see if the casing and cementing program on the long string meets our requirements. (I have not seen an order for this well). The TOC on the 9 5/8" casing will be @ 7000' which will cover all zones up through the T/Wolfcamp into the 3rd Sand of the Bone Spring. There is no production from 7000'-1600' in this area. If this was a proposed gas or oil well, the casing and cementing program on both strings would satisfy our requirements. Since this is to be a SWD well, Tim asked that I get your input to see if they need to circulate the long string and have other requirements. I have faxed to your the particulars on this well.

Bryan