

## Catanach, David

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**From:** Hayden, Steven  
**Sent:** Monday, April 07, 2003 10:51 AM  
**To:** Catanach, David  
**Subject:** FW: Roosevelt SWD

Dave,  
I sent this to Will thinking he was going to process the SWD app.  
Calpine has overstated the thicknesses of the Cliff House and Point Lookout formations in its application to inject. I have been trying to monitor SWD applications for the last year or so to keep the Menefee Formation coals from receiving more water.  
GTI has estimated that the Menefee in the San Juan Basin has 34TCF of gas. I expect that we will eventually want to try to exploit this as the conventional reserves in the Mesaverde are depleted. I don't see much sense to adding extra water that will have to be pumped off to desorb this coalbed methane.  
I think that from the log intervals the massive Cliff House from 2800'-2900' and the Point Lookout from 3735' to about 4000' should be the approved intervals.

Thanks  
Steve

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

**From:** Hayden, Steven  
**Sent:** Monday, April 07, 2003 10:23 AM  
**To:** Jones, William V  
**Cc:** Perrin, Charlie  
**Subject:** Roosevelt SWD

Will,  
I copied two sections from the Roosevelt #1 log and have highlighted my picks for the Cliff House and Point Lookout formations and have attached them as an image file.



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Roosevelt #1  
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