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Telecom: Dated: 3/17/83 - 1:30 p.m.

NRC BWIP

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This conference call is a followup to discussions (mud loss and core loss at RRL-2) on 3/16/83, specifically to go over the information contained in drilling history reports for core holes DC-4, DC-6, and DC-8.

In response to a request by the NRC staff on 3/16/83, BWIP reviewed the drill reports for the above holes. Data was summarized as follows:

<u>Core Hole</u>	<u>Umtanum Interval (Reference)</u>
DC-4	3,656 - 3,810(BWIP Log) 3,649 - 3,805(Fenix & Scisson) 3,622 - 3,789(NRC)
DC-6	3,063 - 3,258(BWIP Log) 3,057 - 3,258(Fenix & Scisson) 3,023 - 3,263(NRC)
DC-8	3,647 - 3,801(BWIP Log) 3,649 - 3,801(Fenix & Scisson) 3,567 - 3,821(NRC)

Mud loss for each of the above holes was discussed in detail. BWIP indicated that it was their opinion that the mud was lost in flow tops and not within the dense interior. BWIP pointed out that in DC-6, the intermittent report of 225 gallons per hour mud loss was a continuous mud loss. The drilling record identifies mud loss intermittently, but BWIP said the mud loss was continuous between these intervals.

Regarding the unusual core loss in RRL-2, BWIP noted that the two drill bits used within the interval 3,773 - 3,783 were undergauged and,

therefore, the core fell out of the barrel and was ground up during the next core run.

In summary, BWIP noted that they had never encountered this type (extent) of core loss in other holes. However, BWIP has lost small sections of core in the dense interior in other holes. Also, the mud loss experienced within the fracture zone of RRL-2 had not been observed in any other holes.

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