

A conventional core was cut over the interval 7674' to 7733' in the Dondu #1 well, This interval is assigned to the upper L. balmei palynological zone of the basal Paleocene.

7674'-7683' Shale; dark brownish grey, silty, micaceous.

7683'-7686' Siltstone; tan-white, hard, micaceous, carbonaceous, sandy towards the base.

7686'-7689' Sandstone; clear and frosty with subangular to subrounded unconsolidated coarse to very coarse quartz grains, moderately well sorted.

7689'-7691' Shale; dark brownish grey, silty, hard, indurated.

7691'-7696' Sandstone; unconsolidated, as 7686'-7689.

7696'-7701' Sandstone; tan, white, fine grained, sub-angular to subrounded quartz grain, very silty, firm, consolidated, carbonaceous bands.

7701'-7703' Sandstone; white, fine to very coarse, predominately medium grained, firm, consolidated, poorly sorted.

7703' - 7706' Sandstone; white, fine to very coarse, predominantly medium grained, firm, consolidated, poorly sorted.

7706'-7713' Sandstone; white, fine to medium grained, very silty, carbonaceous bands.

7713-7717' Sandstone; white, very fine grained with abundant horizontal carbonaceous laminae.

7717'-7721' Siltstone; light grey, very micaceous and sandy, abundant horizontal carbonaceous laminae.

7721'-7725' Sandstone; white, very fine to fine grained, very micaceous, silty, horizontal carbonaceous laminae.

7725'-7730' Siltstone; light grey, very micaceous, abundant horizontal carbonaceous laminae, layers of mica, few thin coals.

7730'-7733' Sandstone; white, very fine to fine to very coarse grained, silty, poorly sorted, carbonaceous laminae.

<u>Depth(ft)</u>	<u>Permeability (md)</u>	<u>Porosity (%)</u>	<u>Gas (%)</u>
7689	356	17	6
7706	25	21	7
7721	11	18	7