**Amoco Production Company**

**Surface Log**

**Name:** REGAL GLACIER  
**Area or Quad:** McCARTHY (C-5)  
**State:** ALASKA

**Location:** S.E.S.W., Sec. 28, T. 33 N., R. 16 W., AKM

**Measured By:** D. Powell  
**Date:** 6-17-74

**Interval:** Lower Cret. - Kenicott Fm & Tertiary - Frederik Fm.

**Remarks:** Measured and spudded upsection along drainage. Basal contact is angular unconformity on Triassic-Nikolai Greenstone. Upper contact unconformably overlain by Tertiary-Frederik Fm.

**Location:**  
**Plotted:** 3-11-75 JDP.

---

**DESCRIPTION**

<table>
<thead>
<tr>
<th>SAMPLES</th>
<th>STAGES</th>
<th>MEMBER</th>
<th>Fossils</th>
<th>Shows</th>
<th>Depth</th>
<th>Lithology</th>
<th>Porosity</th>
<th>Core Bore</th>
</tr>
</thead>
<tbody>
<tr>
<td>CR-208P</td>
<td>1</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Cyl, dk-y-bk, pebble - cobble, t.t., fossil wood matrix</td>
<td>50-55 ft.</td>
<td>55-65 ft.</td>
</tr>
<tr>
<td>CR-207P</td>
<td>1</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Cyl, dk-y-bk, pebble - cobble, t.t., fossil wood matrix</td>
<td>55-65 ft.</td>
<td>55-65 ft.</td>
</tr>
<tr>
<td>CR-206L</td>
<td>1</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Cyl, dk-y-bk, pebble - cobble, t.t., fossil wood matrix</td>
<td>55-65 ft.</td>
<td>55-65 ft.</td>
</tr>
<tr>
<td>CR-199P</td>
<td>1</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Cyl, dk-y-bk, pebble - cobble, t.t., fossil wood matrix</td>
<td>55-65 ft.</td>
<td>55-65 ft.</td>
</tr>
</tbody>
</table>

- **CR-208P:** 100-150" on west side of canyon. Sh, dk-ty to black, s/graystone. Includes same interval of CR-198-199 on east side of canyon.
- **Angular unconformity**
- **Greenstone, altered lavas & volcano - chotics:** Cyl at top.