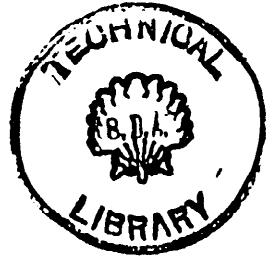


PE990454

R4454.

PETROLEUM DIVISION



18 AUG 1986

HAMMERHEAD NO. 1 WELL
PALYNOLOGICAL EXAMINATION AND KEROGEN
TYPING OF SIDEWALL CORES

by

W.K. Harris

WELL NAME: Hammerhead #1

| DEPTH (M) | SAMPLE TYPE | PRESERVATION | DIVERSITY ZONE | SPORE/POLLEN LEVEL | CONFIDENCE | ENVIRONMENT |
|--------------|-------------|--------------|-------------------|----------------------------------|------------|-------------|
| 1316.5 | SWC 63 | Barren | | - | - | |
| 1340 | SWC 61 | Barren | | - | - | |
| 1395 | SWC 55 | Barren | | - | - | |
| 1402 | SWC 53 | Barren | | - | - | |
| 1429 | SWC 48 | Good | V. poor | No younger than <i>L. balmei</i> | 3 | ?Non-marine |
| 1441 | SWC 46 | Barren | | - | - | |
| 1482 | SWC 45 | Barren | | - | - | |
| 1499 | SWC 41 | Barren | | - | - | |
| 1509 | SWC 40 | Fair | V. poor | indeterminate | - | |
| 1515 | SWC 39 | Barren | | - | - | |
| 1516 | SWC 38 | Barren | | - | - | |
| 1526 | SWC 37 | Barren | | - | - | |
| 1538 | SWC 36 | Barren | | - | - | |
| 1546 | SWC 35 | Barren | | - | - | |
| 1557.5 | SWC 34 | Barren | | - | - | |
| 1567 | SWC 33 | Barren | | - | - | |
| 1598 | SWC 32 | Barren | | - | - | |
| 1623 | SWC 31 | Fair | V. poor | No older than <i>T. lilliei</i> | 3 | Non marine |
| 1846 | SWC 15 | Poor | V. poor | " | 3 | Non-marine |
| 1862.5 | SWC 14 | V. poor | V. poor | " | 3 | Non-marine |
| 1946 | SWC 12 | V. poor | V. poor | indeterminate | - | |
| 1948 | SWC 11 | V. poor | V. poor | " | - | |
| 1952 | SWC 10 | Barren | | - | - | |
| 1966 | SWC 9 | Barren | | - | - | |
| 2037 | SWC 8 | Barren | | - | - | |
| 2049 | SWC 7 | Fair | V. poor | No older than <i>T. lilliei</i> | 3 | Non-marine |
| 2068 | SWC 6 | Barren | | - | - | |
| 2085 | SWC 5 | Good | V. poor | indeterminate | - | |
| 2104 | SWC 4 | Fair | V. poor | ? <i>T. longus</i> | 3 | Non-marine |
| 2123 | SWC 1 | Poor | V. poor | ? <i>T. longus</i> | 3 | Non-marine |

Confidence levels: 1. Cuttings sample, low diversity ± contaminants. 2. Cuttings sample, good assemblage.
 3. Core or sidewall core, low diversity, ± contaminants. 4. Core or sidewall core, low diversity.
 5. Core or sidewall core, good assemblage.

