

384023

LOGGING RUN 2

PELICAN-1

BHP OIL & GAS DIVISION
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EXPLORATION FILES

C.S.T. Descriptions

by A.P. Whittle

5/4/70

| <u>DEPTH</u> | <u>RECOVERY</u> | <u>DESCRIPTION</u> |
|--------------|-----------------|--|
| 8515 | ½" | SANDSTONE, light grey-white, fine grained, well sorted, subangular-rounded, sucrosic texture, non calcareous, white argillaceous matrix. No odour. Possible very weak fluorescence, but doubtful. No cut. |
| 8510 | ½" | SANDSTONE, as above with patchy gold mineral fluorescence. No show. |
| 8484 | ¾" | SANDSTONE, white, fine-medium grained, with sugary texture, well sorted, subangular-rounded. Fair porosity & permeability non calcareous. Strong petroliferous odour, blue yellow fluorescence and streaming cut. |
| 8476 | ¾" | SANDSTONE, light grey, fine grained, well sorted, subangular subrounded. Sugary texture with white argillaceous matrix, non calcareous. Weak odour and fluorescence. |
| 8446 | ¼" | SILTSTONE, light brown, firm. Micaceous, carbonaceous. |
| 8356 | 1¼" | CST consists of 50% SANDSTONE as above with weak odour and fluorescence and 50% SILTSTONE as above, but soft. |
| 8257 | ½" | SILTSTONE, light grey-white, firm, non calcareous, Micaceous grading to very fine grained Sandstone. |
| 8198 | ½" | SILTSTONE, light brown, firm, non calcareous, micaceous, slightly carbonaceous. |
| 8132 | ½" | SILTSTONE, brown, firm, non calcareous, micaceous, grading to shale. |
| 8122 | 1" | SANDSTONE white to light grey, firm, fine grained, subangular rounded, well sorted, calcareous cement. No shows. Porosity & Permeability fair to good. |
| 8116 | 1" | SANDSTONE, white- light grey, firm-hard, fine grained, subangular - rounded, very well sorted, non calcareous, porosity & permeability fair. White-argillaceous matrix. Strong odour, cut and fluorescence (yellow white). |
| 8112 | ½" | SANDSTONE, white- light grey, firm-hard, fine grained, subangular - rounded, very well sorted, non calcareous, porosity & permeability fair. White-argillaceous matrix. Strong odour, cut and fluorescence (yellow white). |
| 8090 | ½" | SANDSTONE, light grey-white, fine grained, very well sorted, subangular-rounded, firm-hard, white matrix, slightly carbonaceous. Porosity & permeability fair. Scattered patchy yellow-white fluorescence, weak odour and cut. |
| 8008 | ½" | SANDSTONE, as above, but no show. |
| 7962 | ½" | SILTSTONE, brown, firm, non calcareous, micaceous. |
| 7853 | ½" | SANDSTONE, white-light grey, fine grained, very well sorted, subangular-rounded, soft, slightly carbonaceous matrix. Lens of carbonaceous material. |
| 7664 | ½" | SILTSTONE, light grey-brown, firm, micaceous, non calcareous slightly carbonaceous. |
| 7625 | ½" | SILTSTONE, as above. |
| | ½" | SILTSTONE, as above. |
| | ½" | SILTSTONE, dark brown, firm, non calcareous, grading to mudstone. grey, firm, non calcareous, micaceous, carbonaceous. |