

# CANTERRA WESTAR PETITOT

## D-057-L 094-P-12

Logged by: PETREL ROBERTSON CONSULTING LTD.

| FORMATION    | METRES | CORE | POROSITY              | PERMEABILITY | TEXTURE  | ACCESSORIES | FOSSILS | PORE TYPE | HYDROCARBON SHOWS | COLOUR         | REMARKS   |
|--------------|--------|------|-----------------------|--------------|--|-------------|---------|-----------|-------------------|----------------|---|
|              |        |      |                       |              | framestn<br>boundstn<br>bafflestn<br>rudstn<br>floatstn<br>grainstn<br>packstn<br>wackestn<br>mudstn |             |         |           |                   |                |   |
|              |        |      | 30.0 — 0.0 0.1 — 1000 |              |  |             |         |           |                   |                |   |
| UPPER RUNDLE | 1      |      |                       |              |  | RB          | ★       |           |                   | BF             | Sparsely fossiliferous, dolomitic mudstone. Bioclasts - mostly small crinoids. Porosity - fractures, scattered pinpoint and small vugs, oil stained. Interval is mostly rubble and coated with green clay. Appears to be karst breccia.   |
|              | 2      |      |                       |              |  | RB          |         |           |                   | BF GN          | Core mostly rubble, various lithologies present, many clasts coated in green clay. Lithologies include: 1) dolopackstone, locally calcareous, tan, porosity - scattered pinpoint, fracture, oil stained. 2) Sandstone with green clay clasts and lenses, possible cavern fill. 3) White and green laminated and massive clay, possible cavern fill. |
|              | 3      |      |                       |              |  | RB          |         |           |                   |                | Core mostly rubble, clasts coated with green clay. Packstone visible, skeletal in part, tan, scattered pinpoint porosity, oil stained.  |
|              |        |      |                       |              |  |             |         |           |                   |                |   |
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|              |        |      |                       |              |  |             |         |           |                   |                |   |
|              |        |      |                       |              |  |             |         |           |                   |                |   |
| UPPER RUNDLE | 4      |      |                       |              |  |             |         |           |                   | BF             | Fairly homogeneous interval. Packstone - locally dolomitic, tan, skeletal in part, bioclasts - crinoids, rugose corals. Scattered pinpoint porosity and common vertical fractures. Light to heavy oil staining in uncleaned core intervals.   |
|              |        |      |                       |              |  | RB          |         |           |                   | BF<br>lt BR    | Core mostly rubble. Thinly bedded dolomudstone, tan and light brown, mottled in part, looks diagenetic. Sparsely fossiliferous, bioclasts - small crinoids. Vertical fractures, oil stained.  |
|              |        |      |                       |              |  |             |         |           |                   | lt BR<br>lt GN | Thinly bedded, light brown, dolomitic mudstone with scattered nodules. Sparsely fossiliferous, bioclasts - small crinoids. Locally fractured, rare pinpoint porosity. Lower 0.7 m is oil stained rubble, partly coated with green clay.   |
|              | 5      |      |                       |              |  |             |         |           |                   | lt BR          | Mudstone to packstone, tan, light brown, and light grey, locally mottled - appears diagenetic. Skeletal in part, bioclasts - crinoids. Rare small vuggy porosity. Locally oil stained.  |
|              |        |      |                       |              |  |             |         |           |                   | mt BR<br>BF    | Sparsely fossiliferous, mottled and nodular, tan, light-medium brown, and light green mudstone. Bioclasts - crinoids, rare rugose corals. Scattered pinpoint porosity and fractures.  |
|              | 6      |      |                       |              |  |             |         |           |                   | lt BR<br>BF    | Thin to medium interbedded packstone and mudstone. Packstone - locally dolomitic, tan, white, skeletal in part, scattered pinpoint porosity. Mudstone - light brown, sparsely fossiliferous, crinoid bioclasts. Locally brecciated and dolomitized. Green clay in box.  |
|              |        |      |                       |              |  |             |         |           |                   |                | Core appears to be mixed in part. Mostly mudstone with packstone interbeds. Lithologies as above. Also minor bituminous, nodular, skeletal, slightly calcareous dolomudstone. Some pinpoint porosity and vertical fractures in interval.  |