

CORE LABORATORIES

Company : RELIABLE ENERGY
 Well : RELIABLE KIRKELLA SOUTH 3-15-11-29
 Location : 03-015-11-29 W1/00
 Province : MANITOBA

Field : KIRKELLA SOUTH
 Formation :
 Coring Equip : DIAMOND
 Coring Fluid : WATER BASED MUD

File No. : 52138-2009-6214
 Date : JUNE 16, 2009
 Analysts : JJ
 Core Dia : 89 mm

CORE ANALYSIS RESULTS

| SAMPLE NUMBER | DEPTH m | INTVL REP m | PERMEABILITY | CAPACITY | POROSITY | CAPACITY | BULK | GRAIN | SATURATION | | DESCRIPTION |
|---|----------------|-------------------|-------------------------|---------------------------|----------------------|-----------------|------------------|------------------|---|-------|-------------|
| | | | (MAXIMUM) Kair mD | (MAXIMUM) Kair mD-m | (HELIUM) fraction | (HELIUM) ø-m | DENSITY kg/m3 | DENSITY kg/m3 | (PORE VOLUME) OIL WATER frac frac | | |
| CORE NO.1 834.00 - 846.70 m (CORE RECEIVED 12.70 m) (9 BOXES) | | | | | | | | | | | |
| - | 834.00- 835.70 | 1.70 | | | | | | | | | sh |
| - | 835.70- 836.81 | 1.11 | | | | | | | | | shy dol |
| - | 836.81- 837.93 | 1.12 | | | | | | | | | shy dol ls |
| PSP 1 | 837.93- 838.37 | 0.44 | 0.15 | 0.066 | 0.129 | 0.057 | 2350 | 2700 | 0.217 | 0.648 | |
| PSP 2 | 838.37- 838.67 | 0.30 | 0.73 | 0.219 | 0.141 | 0.042 | 2330 | 2710 | 0.107 | 0.580 | |
| PSP 3 | 838.67- 839.90 | 1.23 | 6.12 | 7.528 | 0.151 | 0.186 | 2300 | 2710 | 0.044 | 0.702 | |
| PSP 4 | 839.90- 840.91 | 1.01 | 1.39 | 1.404 | 0.156 | 0.158 | 2260 | 2680 | 0.149 | 0.616 | |
| NA | 840.91- 841.31 | 0.40 | | | | | | | | | shy dol ls |
| PSP 5 | 841.31- 841.49 | 0.18 | 0.25 | 0.045 | 0.134 | 0.024 | 2300 | 2660 | 0.176 | 0.556 | |
| PSP 6 | 841.49- 841.67 | 0.18 | 3.09 | 0.556 | 0.204 | 0.037 | 2160 | 2710 | 0.228 | 0.449 | |
| PSP 7 | 841.67- 842.19 | 0.52 | 2.18 | 1.134 | 0.146 | 0.076 | 2350 | 2750 | 0.161 | 0.508 | |
| - | 842.19- 842.25 | 0.06 | | | | | | | | | shy |
| PSP 8 | 842.25- 842.53 | 0.28 | 1.03 | 0.288 | 0.172 | 0.048 | 2280 | 2750 | 0.195 | 0.488 | |
| PSP 9 | 842.53- 842.86 | 0.33 | 2.24 | 0.739 | 0.198 | 0.065 | 2280 | 2750 | 0.172 | 0.452 | |
| PSP 10 | 842.86- 843.27 | 0.41 | 6.29 | 2.579 | 0.187 | 0.077 | 2210 | 2720 | 0.205 | 0.449 | |
| NA | 843.27- 846.70 | 3.43 | | | | | | | | | shy ls |