PERKCB.XLS

# PERKINS - CAPE BARREN - T/25P

## EVCM Middle M diversus zone

### RESERVES CALCULATION (Simple Slab Model)

| | Depth (m) | Vertical Closure (m) | Area (sq km) | Bulk Rock Volume (cubic m) | Cum. OGIP (BCF) | Cum. Raw Gas (BCF) | Cum. Sales Gas (BCF) | Cum. Sales Gas (PJ) | Cum. Condensate (MMSTB) | Cum. OOIP (MMSTB) | Cum. REC. OIL (MMSTB) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1920 | 2484.9 | 10 | 0.19 | 5.70E+06 | 7.04 | 5.98 | 4.19 | 4.63 | 0.60 | 3.88 | 0.97 |
| 1930 | 2505.8 | 30.9 | 4.08 | 1.22E+08 | 151.09 | 128.42 | 89.90 | 99.32 | 12.84 | 83.33 | 20.83 |
| 1940 | 2524.5 | 49.6 | 15.31 | 4.59E+08 | 567.21 | 482.13 | 337.49 | 372.86 | 48.21 | 312.85 | 78.21 |
| 1950 | 2542.7 | 67.8 | 30.92 | 9.28E+08 | 1145.83 | 973.96 | 681.77 | 753.23 | 97.40 | 631.99 | 158.00 |

| | |
|---|---|
| RISKED SALES GAS (PJ) | 63.27 |
| RISKED REC OIL (MMSTB) | 9.48 |

| Input Parameters | |
|---|---|
| Net Pay (m) | 30 |
| Porosity | 0.22 |
| Sh | 0.75 |
| Bg | 212 |
| Boi | 1.52 |
| Condensate (BBL's/MMSCF) | 100 |
| Recovery factor (gas) | 0.85 |
| Recovery factor (oil) | 0.25 |
| Sales factor (gas) | 0.7 |

| RISK | % |
|---|---|
| SOURCE GAS | 70% |
| SOURCE OIL | 50% |
| SEAL | 50% |
| RESERVOIR | 60% |
| STRUCTURE | 40% |
| CHANCE OF SUCCESS GAS | 8.40% |
| CHANCE OF SUCCESS OIL | 6.00% |

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