

## CLARKE - T/25P

## EVCM Palaeocene

## 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)
1940	2524.5	10	0.26	7.83E+06	9.81	8.34	5.84	6.45	0.83	5.31	1.33
1950	2542.7	28.2	7.74	2.32E+08	291.00	247.35	173.14	191.29	24.73	157.40	39.35
1960	2560	45.5	13.99	4.20E+08	525.66	446.81	312.77	345.55	44.68	284.33	71.08
1970	2576.6	62.1	22.71	6.81E+08	853.61	725.57	507.90	561.13	72.56	461.71	115.43
1980	2594	79.5	35.44	1.06E+09	1332.07	1132.26	792.58	875.65	113.23	720.51	180.13
1990	2614	99.5	46.16	1.38E+09	1734.80	1474.58	1032.21	1140.40	147.46	938.35	234.59
2000	2634	119.5	69.71	2.09E+09	2619.97	2226.98	1558.89	1722.28	222.70	1417.13	354.28
2010	2654	139.5	92.10	2.76E+09	3461.48	2942.26	2059.58	2275.46	294.23	1872.30	468.08

RISKED SALES GAS (PJ)	262.13
RISKED REC OIL (MMSTB)	234.04

Input Parameters	
Net Pay (m)	30
Porosity	0.22
Sh	0.75
Bg	215
Boi	1.53
Condensate (BBL's/MMSCF)	100
Recovery factor (gas)	0.85
Recovery factor (oil)	0.25
Sales factor (gas)	0.7

RISK	%
SOURCE GAS	80%
SOURCE OIL	50%
SEAL	60%
RESERVOIR	60%
STRUCTURE	40%
CHANCE OF SUCESS GAS	11.52%
CHANCE OF SUCESS OIL	7.20%