HILLE.XLS

HILLIARD - 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)
2260	3124.6	10	0.52	1.57E+07	14.34	12.19	8.53	9.42	1.22	6.70	1.67
2270	3142.7	28.1	2.06	6.19E+07	56.55	48.07	33.65	37.17	4.81	26.41	6.60
2280	3160	45.4	4.44	1.33E+08	121.63	103.38	72.37	79.95	10.34	56.81	14.20
2290	3176.7	62.1	6.69	2.01E+08	183.25	155.76	109.03	120.46	15.58	85.59	21.40
2300	3193.8	79.2	8.72	2.62E+08	239.14	203.27	142.29	157.20	20.33	111.70	27.93
2310	3212.5	97.9	10.33	3.10E+08	283.22	240.74	168.52	186.18	24.07	132.29	33.07
2320	3231.3	116.7	11.79	3.54E+08	323.16	274.69	192.28	212.43	27.47	150.94	37.74
2330	3250	135.4	13.70	4.11E+08	375.57	319.24	223.47	246.89	31.92	175.43	43.86
2340	3268.2	153.6	15.63	4.69E+08	428.40	364.14	254.90	281.61	36.41	200.10	50.02
2350	3286.3	171.7	17.57	5.27E+08	481.55	409.32	286.52	316.55	40.93	224.93	56.23

RISKED SALES GAS (PJ)	22.79
RISKED REC OIL (MMSTB)	1.01

Input Parameters	
Net Pay (m)	30
Porosity	0.15
Sh	0.75
Bg	230
Boi	1.66
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	20%
SEAL	50%
RESERVOIR	30%
STRUCTURE	60%
CHANCE OF SUCCESS GAS	7.20%
CHANCE OF SUCCESS OIL	1.80%

24/05/94