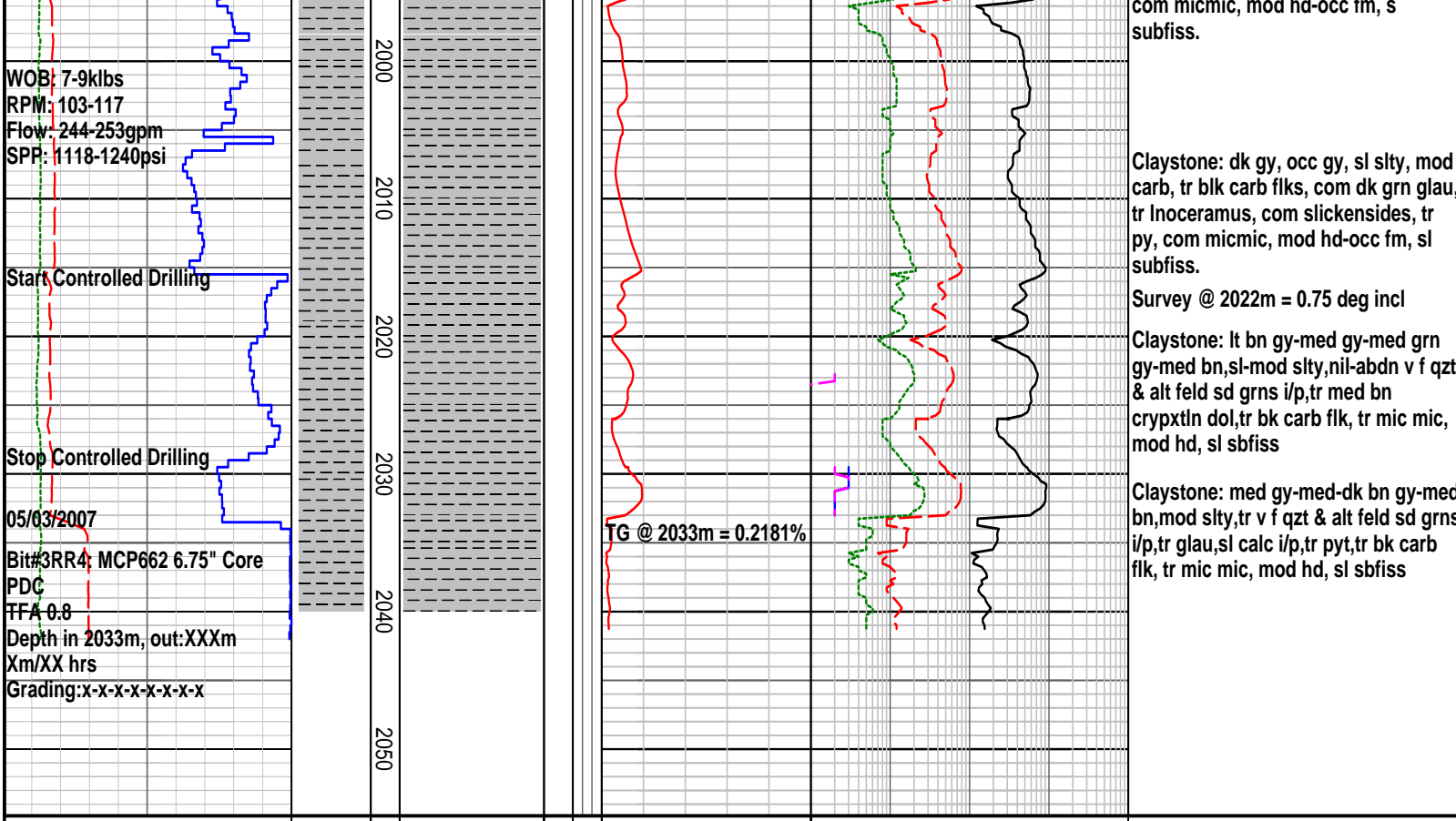


## FORMATION EVALUATION LOG

RATE OF PENETRATION ROP (0-100m/hr) Backup ROP (100-200m/hr) WOB (klb) TORQUE AVG	LITHOLOGY INTERPRETED	MD meters	LITHOLOGY	CORE	OIL SHOWS	TOTAL GAS 0.1   0.2   0.3   0.4   0.5 %	CHROMATOGRAPH				REMARKS
							1	Methane ppm	10000	1	
							1	Ethane ppm	10000	1	
							1	Propane ppm	10000	1	
							1	iso-Butane ppm	10000	1	
							1	n-Butane ppm	10000	1	
							1	iso-Pentane ppm	10000	1	
								n-Pentane ppm			
								10   100   1000   10000			
03/03/2007 04/03/2007 Bit#3RR3: MCP662 6.75" Core PDC TFA 0.8 Depth in 1900m, out: 1904m 4m/8.4hrs Grading: 1-1-IN-A-X-I-NO-PR Bit#4: 6-3/4" DSX173DGJW/PDC Jets: 4 x 12, In: 1904m, Out: 2033m Drilled: 129m in 6.9hrs Bit Grade: 1-1-NO-A-X-I-NO-CP  WOB: 3-15klbs RPM: 29-116 Flow: 123-252gpm SPP: 727-1177psi		00 1910 1920 1930 1940 1950 1960 1970 1980 1990				TG @ 1904m = 0.1380%  TG @ 1916m = 0.1426%  TG @ 1948m = 0.1206%  TG @ 1956m = 0.1247%  TG @ 1963m = 0.1570%					Core#4 Cut 1900m-1904.2m Recovery 2.65m=63%  MWIN: 9.25ppg Mud temp: 40.6deg PV/YP: 13/12FV: 46Gels: 1/3 Solids: 5.1% pH: 9.5  Claystone: dk gy-occ gy, sl slty, carb i/p, tr blk carb flks, tr dk grn glau, rr med brn cryphtln dol, com micmic, mod hd, sl subfiss.  Claystone: dk gy-occ gy, slty i/p, mod carb, sl calc i/p, tr blk carb flks, tr dk grn glau, rr py, com micmic, tr slickensides, mod hd-occ fm, sl subfiss.  Claystone: dk gy-olv gy, occ gy, slty i/p, mod carb, tr blk carb flks, com dk grn glau, tr Inoceramus, com micmic, mod hd-occ fm, sl subfiss.  Claystone: dk gy, occ gy, sl slty, mod carb, tr blk carb flks, com dk grn glau, tr Inoceramus, tr py, com micmic, mod hd-occ fm, sl subfiss.  Claystone: dk gy, occ gy, sl slty, mod carb, tr blk carb flks, com dk grn glau, tr Inoceramus, tr slickensides, tr py,



FORMATION EVALUATION LOG

RATE OF PENETRATION										LITHOLOGY	INTERPRETED LITHOLOGY	MD meters 1:500	LITHOLOGY	CORE	OIL SHOWS	TOTAL GAS	CHROMATOGRAPH				REMARKS																		
ROP (0-100m/hr)																	1	Methane ppm																					
Backup ROP (100-200m/hr)										1	Ethane ppm																												
WOB (klb)										1	Propane ppm																												
TORQUE AVG										1	iso-Butane ppm																												
										1	n-Butane ppm																												
										1	iso-Pentane ppm																												
										n-Pentane ppm																													
100	90	80	70	60	50	40	30	20	10	110	120	130	140	150	160	170	180	190	200	5	10	15	20	25	30	35	40	45	50	5	10	15	20	25	30	35	40	45	50