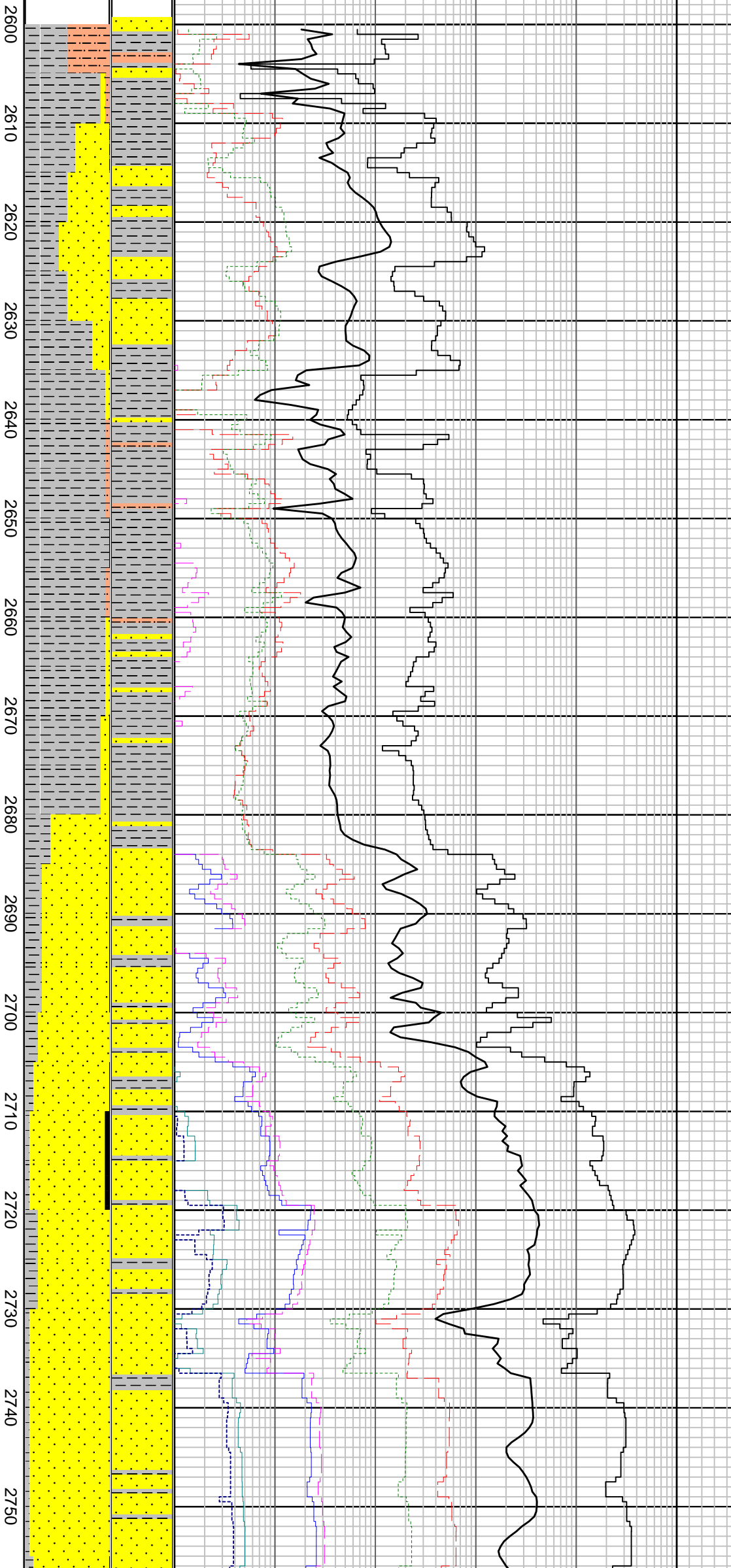


FORMATION EVALUATION LOG										
Cuttings				Chromatograph Data				Analysis		LITHOLOGY DESCRIPTIONS
INTERPRETED LITHOLOGY				Methane ppm				Calcimetry		
				10 100 1000 10000 100000				50 100		
				Ethane ppm				Dolomite %		
				10 100 1000 10000 100000				50 100		
				Propane ppm						
				10 100 1000 10000 100000						
				iso-Butane ppm						
				10 100 1000 10000 100000						
				n-Butane ppm						
10 100 1000 10000 100000										
iso-Pentane ppm										
10 100 1000 10000 100000										
n-Pentane ppm										
10 100 1000 10000 100000										
Ditch Gas %										
0.01 0.1 1 10 100										
24/07/2008								Drilled Longtom-4P from 2600m		
NB7: 242mm (9-1/2") Make: Smith Type: PDC/JY 2803 Jets: 7x16 Depth In: 2600.0 m Depth Out: 2841.7 m Drilled 241.7 m in 9.4hrs Grade: 2-4 -BT-A-X-I-RO-CP								FIT @ 2604 m with 11.5ppg EMW: 14.0 ppg @ 818 psi		
WOB: 10-32 klbf RPM: 120-178 GPM: 600-722 SPP: 2726-3046 psi								MW: 12.2 ppg FV: 125 PV: 44 YP: 34 Gels: 13/18/21 O/W:52.0/24.0		
								MD: 2621.5m Azi: 182.84° TVD: 2364m Incl: 53.72°		
								SST: pred lse qtz gr, trnsl-trnsp, off wh, v lt gy-lt gy i/p, fri, vf-f, occ m gr, sb arg-rndd, prly-mod srt, occ wl srt, arg mtrx, calc cmt, fr vis por, no shw		
								SLTST: v lt gy-lt gy, v sft-frm, occ frm, sbbiky-blky, grd g to vf SST		
								MD: 2651.3m Azi: 183.55° TVD: 2381.6m Incl: 53.37°		
								CLYST: m gy-m lt gy, brnsh gy, occ grnsh gy, sft-frm, sbbiky-blky, slty		
								SST: lt gy-m lt gy, fri, vf-f gr, sb rndd, prly-mod srt, arg mtrx, calc cmt, fr vis por, no shw		
								MD: 2681m Azi: 184.22° TVD: 2399.5m Incl: 52.5°		
				SST: lt gy-v lt gy, occ m lt gy-m gy, lse-fri, frm I.P., f- m gr, occ crs gr, sb rndd-rndd, mod-wl srt, arg mtrx, calc cmt, occ Sil cmt, occ carb Stk, fr vis por, no shw						
				MD: 2711.02m Azi: 184.51° TVD: 2418m Incl: 51.43°						
				SST: pred lse Qtz gr, trnsl-trnsp, off wh, brnsh wh, fri i/p, f-m gr, occ crs-v cse gns, sbang-sbrndd, prly-mod srt, arg matx, tr green & blk lith, tr carb mat, fr vis por						
				MD: 2740.27m Azi: 184.48° TVD: 2436.4m Incl: 50.60°						
				CLYST: m gy-dk gy, occ gysh blk, frm-mod hd, sbbiky-blky, occ elong, abt carb mat, occ grd g to Slst						

