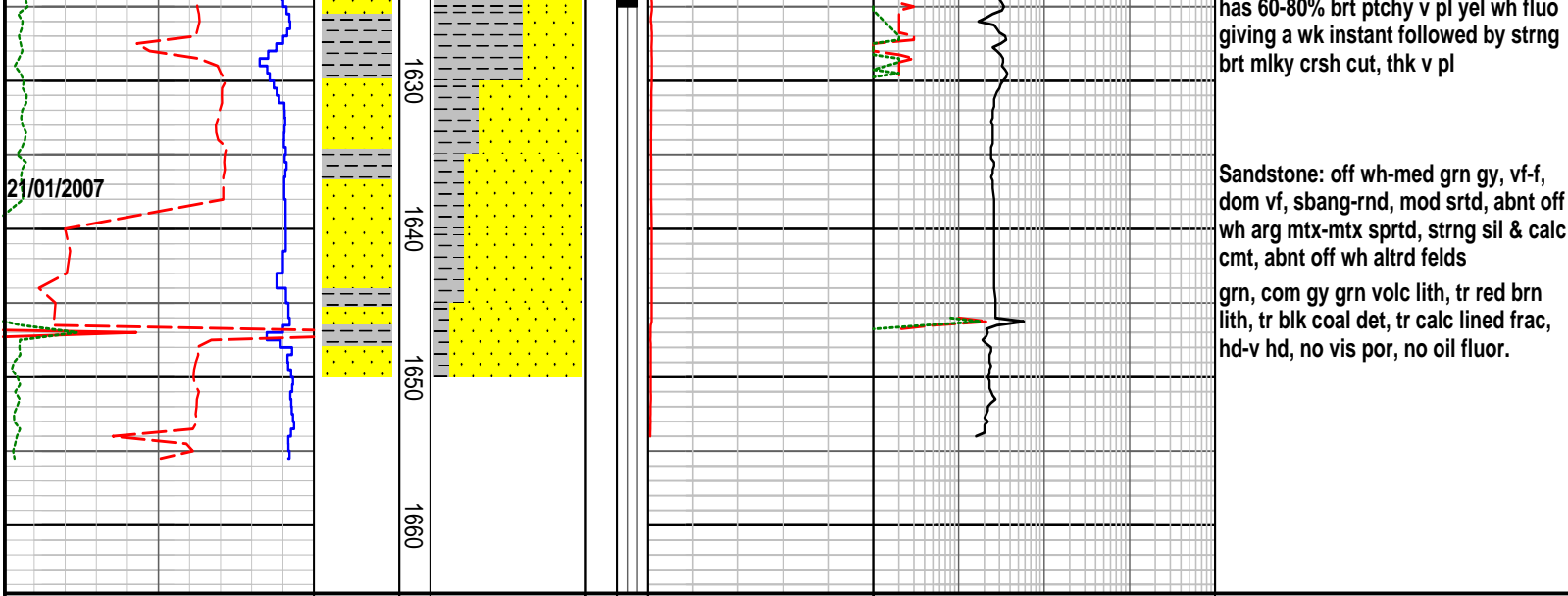




**Created : 21/Jan/2007 5:39:10 AM**



RATE OF PENETRATION		INTERPRETED LITHOLOGY	MD meters 1:500	LITHOLOGY	CORE	OIL SHOWS	TOTAL GAS	CHROMATOGRAPH	REMARKS		
ROP (0-50m/hr)	Backup ROP (50-200m/hr)						WOB (klb)	TORQUE AVG	TOTAL GAS	Methane ppm	Ethane ppm
5 10 15 20 25 30 35 40 45 50	5 10 15 20 25 30 35 40 45 50						0.1   0.2   0.3   0.4   0.5 %	10   100   1000   10000			
									Claystone: gy-v dk gy-med grn gy-med brn gy, v slty i/p, v f aren w/altrd felds gr i/p, mod-v carb, grd i/p-argll coal, com blk carb flecks, & coal det, calc lined frac, hd, sbfiss.		
WOB: 4-18klbs RPM: 80-129 Flow in: 443-451gpm SPP: 1058-1433psi									Sandstone: off wh-med grn gy, vf-f, dom vf, sbang-rnd, mod srtd, abnt off wh arg mtx-mtx sprtd, strng sil & calc cmt, abnt off wh altrd felds grn, com gy grn volc lith, tr red brn lith & qtz grn, com blk coal det, tr calc lined frac, hd-v hd, no vis por, no oil fluor.		
20/01/2007 NS4 Sec DBS, XS16D 8-1/2" Jets: 3x13, In: 1578m, Out: XXXXm Drilled: XXXm in XX.Xhrs Bit Grade: ?????????							TG 0.0085% @ 1578m		Claystone: gy-dkgy-med grn gy-med brn gy, v slty i/p, vf aren w/altrd felds grn i/p, sli-mod carb, com blk carb flecks & coaly det, com mic, tr calc lined frac, hd, sbfiss-fiss.		
									POOH to change bit.		
									Sandstone: off wh-med grn gy,vf-med dom f, sbang-rnd, mod srtd, abnt off wh arg mtx-mtx sprtd, v strng sil & calc cmt, abnt off wh altrd felds grn, com gy grn volc lith, tr red brn lith & qtz grns, com blk coal det, tr calc lined fracv, v hd, no vis por, no oil fluor.		
									Survey @ 1596m = 3.25 deg incl		
									Claystone: gy-dkgy-med grn gy-med brn gy, v slty i/p, vf aren w/altrd felds grn i/p, sli-mod carb, com blk carb flecks & coaly det, com mic, tr calc lined frac, hd, sbfiss-fiss.		
									Fluorescence (1620-1625): the wh xtl'n calc frac infill (tr-5% of tot spl)		



FORMATION EVALUATION LOG

RATE OF PENETRATION										LITHOLOGY	INTERPRETED LITHOLOGY	MD meters 1:500	LITHOLOGY	CORE	OIL SHOWS	TOTAL GAS		CHROMATOGRAPH				REMARKS		
ROP (0-50m/hr)																1		Methane ppm		10000				
Backup ROP (50-200m/hr)																1		Ethane ppm		10000				
WOB (klb)																1		Propane ppm		10000				
TORQUE AVG																1		iso-Butane ppm		10000				
																1		n-Butane ppm		10000				
																1		iso-Pentane ppm		10000				
																		n-Pentane ppm						
																10		100		1000			10000	