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RATE OF PENETRATION		INTERPRETED LITHOLOGY	MD meters 1:500	LITHOLOGY	CORE	OIL SHOWS	TOTAL GAS	CHROMATOGRAPH		REMARKS
ROP (0-100m/hr)	Backup ROP (100-200m/hr)							1	10000	
100 90 80 70 60 50 40 30 20 10	100 120 130 140 150 160 170 180 190 200						TOTAL GAS unit	1 1 1 1 1	Methane ppm Ethane ppm Propane ppm iso-Butane ppm n-Butane ppm iso-Pentane ppm n-Pentane ppm	
WOB (klb) 5 10 15 20 25 30 35 40 45 50							BACKUP TOTAL GAS unit			
TORQUE AVG 5 10 15 20 25 30 35 40 45 50										
<div>WOB: 23-27klbs</div> <div>RPM: 94-143</div> <div>GPM: 237-287</div> <div>PP: 2263-2416psi</div>										
23/04/07										Sandstone: off wh-med brn gy, slty-vf ,sbrnd, mod srtd, v strng sil and wk calc cmt, abdt wh sil mtx, abdt altrd felds gr, tr v f carb flks, tr calc and qtz In fract, v hd, no vis
25/04/07										Shale:v dkgy-gy blk, sli-mod sil i/p, mod-dom v carb, abdt blk coal det i/p com micmic, tr calc and qtz In fract, hd, fiss.
										Shale:v dkgy-gy blk, sli-mod sil i/p, mod-dom v carb, com micmic, tr calc and qtz In fract, hd, fiss.
										Shale:v dkgy-gy blk, sli-mod sil i/p, mod-dom v carb, abdt blk coal det i/p com micmic, tr calc and qtz In fract, hd, fiss.
										Shale:v dkgy-gy blk, sli-occ v sil, mod-dom v carb, com micmic, com-abdt calc and qtz In fract, hd, fiss.
										Coal: v dk gy-gy blk, v argill, slicknsld- conc fract, vit lstr, v slicknsld hd, brit, no fluor or cut.

RATE OF PENETRATION										MD meters 1:500	LITHOLOGY	CORE	OIL SHOWS	TOTAL GAS	CHROMATOGRAPH		REMARKS
ROP (0-100m/hr)															1	Methane ppm	
100	90	80	70	60	50	40	30	20	10				1	Ethane ppm	10000		
Backup ROP (100-200m/hr)													1	Propane ppm	10000		
200	190	180	170	160	150	140	130	120	110				1	iso-Butane ppm	10000		
WOB (klb)																	
5	10	15	20	25	30	35	40	45	50				1	n-Butane ppm	10000		
TORQUE AVG																	

5 10 15 20 25 30 35 40 45 50																10.4	20.3	30.2	40.1	50	1	iso-Pentane ppm				10000			
																unit						n-Pentane ppm							
																							10		100		1000		10000