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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)								
5 10 15 20 25 30 35 40 45 50	65 80 95 110 125 140 155 170 185 200						0.1 0.2 0.3 0.4 0.5 %	1 Methane ppm 10000 1 Ethane ppm 10000 1 Propane ppm 10000 1 iso-Butane ppm 10000 1 n-Butane ppm 10000 1 iso-Pentane ppm 10000 n-Pentane ppm 10 100 1000 10000	
WOB (klb) 5 10 15 20 25 30 35 40 45 50									qtz grns, com blk coal det, tr calc lined fracv, v hd, no vis por, no oil fluor.
TORQUE AVG 5 10 15 20 25 30 35 40 45 50									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 (1620-1630): the wh xtln calc frac infill (tr-5% of tot spl) has 50-80% brt ptchy v pl yel wh fluor giving a wk instant followed by strng brt mlky crsh cut, thk rr yel wh ring res.
									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, tr blk coal det, tr calc lined frac, hd-v hd, no vis por, no oil fluor.
									MWIN:9.0ppg Mud temp:54deg PV/YF:19/19 FV:51 Gels:2/3 Solids:4.3% pH:10.0
									Sandstone: off wh-med grn gy, vf-f, 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, tr-com blk coal det, tr calc lined frac, v hd, no vis por, no oil fluor.
									Claystone: gy-dkgy-occ med brn av-med arn av. v slty i/p. vf arer

