

# FORMATION EVALUATION LOG

RATE OF PENETRATION ROP (0-50m/hr) Backup ROP (50-200m/hr) WOB (klb) TORQUE AVG	INTERPRETED LITHOLOGY	MD meters	LITHOLOGY	CORE	OIL SHOWS	TOTAL GAS 0.1   0.2   0.3   0.4   0.5 %	CHROMATOGRAPH				REMARKS
							1	Methane ppm	10000	10000	
							1	Ethane ppm	10000	10000	
							1	Propane ppm	10000	10000	
							1	iso-Butane ppm	10000	10000	
							1	n-Butane ppm	10000	10000	
							1	iso-Pentane ppm	10000	10000	
								n-Pentane ppm			
								10   100   1000   10000			
28/01/2007		00									MWIN:9.25ppg Mud temp:59.1deg PV/YP:19/23 FV:55 Gels:4/6 Solids:6.0% pH:10.5
RR#6 8-1/2" Sec DBS, SE3653 Jets: 6x11, In: 2018m, Out: 2065 Drilled: 47m in 17.2.xhrs Bit Grade: 1-1-CT-N-X-I-NO-PR		2010									Survey @ 2009m = 6 1/4° N67°E POOH to change bit.
		2020				TG 0.35% @ 2018m					
		2030									Claystone: dk-v dk gy, rr med brn gy,occ mod slty, mod-dom v carb, tr black carb flicks, coaly det, com micmic, rr calc ind fract, hd-sbfiss
		2040									MWIN:9.30ppg Mud temp:54.3deg PV/YP:19/26 FV:58 Gels:4/6 Solids:6.4% pH:10
		2050									Coal: dom v dkbrn, v argill, blk where cln, sbvit-ethy lstr,plty-blky fract, com sicknsd sfc,hd-brit,n fluor but gv a wk dull yell crsh cut,tr res
WOB: 8-31klbs RPM: 90-123 Flow in: 345-455gpm SPP: 2020-2536psi		2060									Survey @ 2055m = 8 1/2° S63°E Claystone: dk-v dkbrn, sli slty, v carb-grd -coal,tr micmic, hd,sbfiss
29/01/2007		2070				TG 0.20% @ 2065m					Fluorescence (2060m-2065m): the marble(?) has trace dull rr mod bri ptchy pl yell wh fluor gvng a v wk milky wh crsh cut, tr res
30/01/2007 NB#7 8-1/2" Sec DBS, EBXS16DS Jets: 6x11, In: 2065m, Out: XXXX m Drilled: xxxm in xxx.xhrs Bit Grade: ??????????		2080				CG 0.033% @ 2076m					Marble(?): off wh-ltgy,rr grn, micxln where cutting intact bulk of smpl sft/mushy,sli-v argll, hd
		2090				CG 0.017% @ 2084.5m					Methamorphics(spotted Argillite): spckld lt brn -brn blk, cryptxln text argillite, hd
											Unidentified: ltgy,hom-speckld, mot i/p, cryp-micxln,tr flw or stress bndng i/p, tr vasc(?). in fill w/brn vell or arr

<p>WOB: 22-35klbs RPM: 50-114 Flow in: 255-458gpm SPP: 1730-2265psi</p> <p>31/01/2007</p>	<p>2100</p> <p>2110</p> <p>2120</p> <p>2130</p> <p>2140</p>	<p>C G 0.017% @ 2095.6m</p> <p>C G 0.021% @ 2104.7m</p>	<p>mnrls, com mic-macrystln calc infil fract and patches, com-macrystln mnrl in fill veins and patches, trace bright grn serpentin(?) ptchs, non-occ v calc ,hard MWIN:9.45ppg Mud temp:59.8deg PV/YP:18/28 FV:58 Gels:4/7 Solids:6.8% pH:10</p>
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RATE OF PENETRATION										TOTAL GAS										CHROMATOGRAPH										REMARKS									
ROP (0-50m/hr)										OIL SHOWS										Methane ppm																			
Backup ROP (50-200m/hr)										CORE										1																			
WOB (klb)										LITHOLOGY										1										Ethane ppm									
TORQUE AVG										MD meters 1.500										1										Propane ppm									
										INTERPRETED										1										iso-Butane ppm									
										LITHOLOGY										1										n-Butane ppm									
																				1										iso-Pentane ppm									
																				1										n-Pentane ppm									
																														10   100   1000   10000									