

EXPLORATION LOGGING DRILLING RATE AND DATA METER/HR MIN/METER VISUAL POROSITY CORE TEST	DEPTH	LITHOLOGY	OIL	DRILLING MUD		CUTTINGS		REMARKS AND LITHOLOGY DESCRIPTION	
				CONTINUOUS DITCH GAS		CHROMATOGRAPHIC ANALYSIS			GAS
				OIL IN MUD TR X FAIR XX GD XXX	TOTAL GAS BACKUP SCALE 10X PETROL VAP	METHANE ETHANE PROPANE	BUTANES PENTANES M 1000		TOTAL GAS BACKUP SCALE 10X PETROL VAP
20 15 10 5				20 40 60 80 100	100	100	20 40 60 80 100	W = 9.4 V = 37	
Rivett								SANDSTONE, light grey-brown grey, mod hard, fine, subangular, mod sorted, pred qtz, w/dark brown lithic frags, white feldspar, white clay matrix, well cemented, cement pred silica, calcite in part, poor vis por, trace coal, black, vit lustre, conchoidal fracture, 1/2" with SLTSTONE, grey, brown grey, finely speckled, hard, splintery, well cemented	
Lose 8" drill collars at 506m, fish & cover. Loss circ. cement plug & LCM Drill ahead. 13/5 Rivett								DEV 4°	
RRB#2 HTC XSA 12 84m/23hr T B G								DEV 3°	
15/5 Rivett								DEV 4°	
NB#4 HTC J3 35m/23.5hr 15 B 01a								C = 5u at 33 V	
Drill collar washout POOH at 512m. RRB#4								W = 9.3 V = 33 MUD TEMP. = 43.5°C	
16/5 Wilson								Ran Schlumberger logs ISF-BHC-GR, HDT-CAL, CST	
Rivett								W = 8.8 V = 31	
Wilson								DEV 4°	
NB#5 HTC J28 562m/ 15 16 8								Drilled 12 1/2" hole to 511m & set 9" casing Drill ahead with 8 1/2" bit.	
								SANDSTONE, white-lt gy, nd, f-v f, dom v f, rnd-subang, dom subrnd, mod sorted, white clay mtx, strong silica cmt, tr calc cmt, occ med gy lithic frags, tr coal pr vis porosity	
								SILTSTONE, med-dk gy, firm, fissile, v fl argill material, occ	

Shakers Bypassed to Retain LCM