

CHANNEL (RANGE OF VALUES) (Comments)

- 1 DEPTH (1x every .2M)
- 2 SP (-78.03 to -27.86)
- 3 GRRES (11.51 to 115.12)
- 4 RHOB (1.93 to 2.77)
- 5 SONIC (Dt: 56.35 to 128.1)
- 6 RHOGA NO COR
- 7 NPFI (.01 to .56)
- 8 MSFL (1.84 to 118.12)
- 9 LLS (1.92 to 1881.42)
- 10 R1STORCORPHI (per figure #2/REF 2e) - (.08 to .26) (values at a few depths only)
- 11 CORPHI - HRP 2 (-.15 to 0) 2=CP
- 12 LLD (1.82 to 3488.5)
- 13 HRPSC-CP=2 (-.04 to .27)
- 14 SXO=1 ORLESS (.23 to 1) set to ≤1 so not to confuse (Sxo - Sw) calc.
- 15 SXODSP SHALE (0 to 15.1)
- 16 SXOTOT SHALE (.2 to 6.79)
- 17 DRHO (-.03 to .33)
- 18 CALRES (7.41 to 9.98)
- 19 NDCALX (9.27 to 10.48)
- 20 RHOGA-SC/HC (2.29 to 2.95)
- 21 NDP-SCGRTERT (0 to .33)
- 22 HRPSC K=.6 (-.01 to .32)
- 23 NPFI SC PER 53 (-.08 to .32)
- 24 RHOB SC PER 53
- 25 DT-SC K=.6 (50.5 to 123.17)

CHANNEL (RANGE OF VALUES) (Comments)

- 26 NDPHI-HC 53 (0 to .35)
- 27 NPFI-HC-53 (0.09 to .56)
- 28 RHOBHC-53 (1.93 to 2.77)
- 29 ND/HRP CP=1 (.3 to 9.51)
- 30 MOBILEHC*PHI (0 to .22) (Gross - includes all data)
- 31 SXO (.2 to 6.79) - storage channel only
- 32 SW (.02 to 3.71) - storage channel only
- 33 SXO-SW=HCSAT (0 to .96)
- 34 DI (4.01 to 38.06)
- 35 RT (1.73 to 3628.61)
- 36 RXO (1.33 to 236.25)
- 37 RWA (0 to .10)
- 38 NETPAYSG*PHI (0 to .27) (Non-net reduced to zero)
- 39 SUMFORRECGAS (0 to 16.43) - accumulating channel
- 40 CAL DEN (no data)
- 41 SUMCFG/A*F (attempt to accumulate unsuccessful)
- 42 RECGAS/.2M*RA (attempt to accumulate unsuccessful)
- 43 SUMRECGAS/MA (0 to .46) divisible by 105
- 44 SUMRECGAS/AF (0 to .14) divisible by 105
- 45 NDPHI-NO COR (.11 to .52)
- 46 CORPHI-NDPHI (Delta for restored state vs. phi in 66)
- 47 TOT. SHSW-66 (0.2 to 3.71)
- 48 DISP'D SHSW-66 (0 to 5.32)
- 49 H-RPHINO COR (0.1 to .56)
- 50 HRP NC K=.56 (0 to .31)

CHANNEL (RANGE OF VALUES) (Comments)

- 51 DTMTXAK=.56 (37.91 to 88.23)
- 52 (1-SW)*PHI = (0 to .27)
- 53 VSHGRCTERT'Y (0 to 1) - used for Vshale
- 54 (1-SW)*HCSAT (0 to .96)
- 55 NETPAYSG*PHI (0 to .22) non pay reset to zero
- 56 GRCOR - (11.54 to 115.39)
- 57 LLSCOR (2.03 to 1746.25)
- 58 LLDCOR (1.73 to 2969.39)
- 59 MSFLCOR (1.33 to 236.25)
- 60 DTMTXACP=2 (25.99 to 87.74)
- 61 RHO HCPERHYC (.10 to 1) Apparent HC density per #1C
- 62 VSHGRCS/100 (0 to 1)
- 63 HRP-SCCP=1 (-.03 to .54)
- 64 RHOGA-SC (53) (2.35 to 3.08)
- 65 DTMTXASC K=1 (40.71 to 88.42)
- 66 NDPHI-SC/HC (0 to .29)
- 67 NPFI-SC/HC (0.08 to .32)
- 68 RHOB-SC-HC (2.11 to 2.89)
- 69 DT-SC CP=1 (50.52 to 123.17)
- 70 DTMTXASCK=.6 (40.71 to 88.42)
- 71 SUMFORAVGGIP (0 to 21.33)
- 72 IND. SXO-66 (.2 to 3.10)
- 73 IND. SW-66 (.02 to 2.09)
- 74 ARCHIESXO-66 (.23 to 13.98)
- 75 ARCHIESW-66 (0.03 to 1)

Suffix Codes

- 66: EMPLOY'S Neutron Density crossplot phi (corrected for vshale in channel 53 and corrected for hydrocarbons)
- COR: corrected for borehole environment
- K: Reciprocal of CP, compaction factor used in Hunt Raymer sonic phi
- CP: Compaction coefficient of which the reciprocal (1/CP) is K used in calculating Hunt Raymer sonic phi
- SC: SHALE CORRECTED USING VSHALE IN channel 53
- MTX: MATRIX
- HC: HYDROCARBON CORRECTED IN "HYC" MODULE OF KOBRA
- PERHYC: As per results of HYP (hydrocarbon correction) module in KOBRA
- GRC: Corrected GR
- 15/100: GRC SAND/GRC SHALE (linear model = older rocks model for vshale)
- (53) or -53: Employs contents of VSH values in channel 53
- GRTERT: VSH per soft formation, 'Tertiary' model (10 = ch/100 = sh)
- *PHI: MULTIPLIED BY NDPHI SC/HC IN channel 66

TABLE 1 M neumanics for TerraLog
Filename ICNA1 (1255-1381M only).

