RESERVAL GAS RATIO LOG

WELL : TREFOIL-2

FROM (m): 2500 TO (m): 3250 SCALE: 1/ 500

		POSITION		CASING SHOE SIZE / DEPTH			
Country	: AUSTRALIA	Latitude	: 39 53' 07.93" S	762mm (30") at (m MDRT)	: 153.00	Spud Date	: 06-10-2009
Region	: TASMANIA	Longitude	: 145 22' 14.62" E	340mm (13 3/8") at (m MDRT)	: 930.00	Total Depth Date	:
Field	: TREFOIL	X (m)	: 360690.389	245mm (9 5/8") at (m MDRT)	: 2520.00	Total Depth (m MDRT)	:
Permit	: T/18P	Y (m)	: 5583676.588			Total Depth (m TVSS)	:
Well Type	: APPRAISAL	RT-Sealevel (m MSL)	: 26			Status	:
Rig Name	: KAN TAN 4	RT-Seabed (m)	: 95				

GAS RATIOS FORMULAE

GAS WETNESS RATIO (Wh)

GWR = (C2 + C3 + C4 + C5)/ (C1 + C2 + C3 + C4 + C5)*100

LIGHT TO HEAVY RATIO (Bh)

LHR = (C1 + C2)/(C3 + C4 + C5)

OIL CHARACTER QUALIFIER (Ch)

OCQ = (C4 + C5)/(C3)

Dolomite
Calcirudite
Calcarenite
Calcisiltite
Calcilutite
Sandy Claystone
Silty Claystone
Calcareous Claystone
Argil Calcilutite
Claystone
Silstone
Sandstone
Coal
Intrusive Volcanics
Volcaniclastics
Tuff
Cement
Argil Siltstone
Sandy Siltstone
Calcareous Siltstone
Argil Sandstone
Calcareous Sandstone
Dolomitic Sandstone
Silty Sandstone
Calcareous
Dolomitic
Fossils
Foraminiferae
Carbonaceous
Chert
Pyrite
Glauconite
Mica

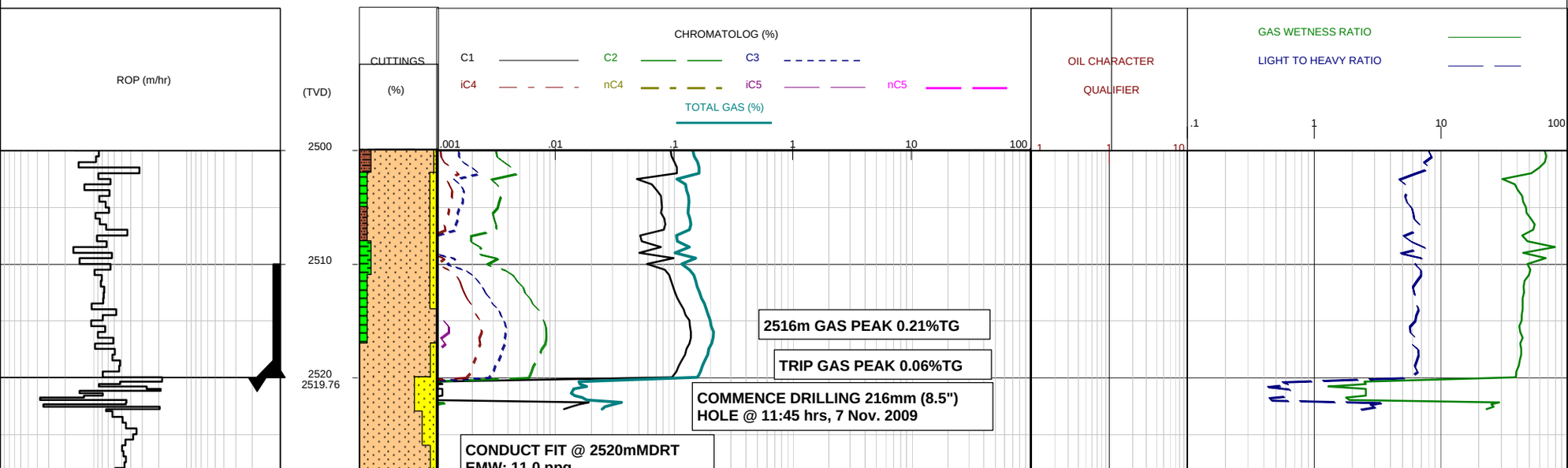
GEOSERVICES CREW

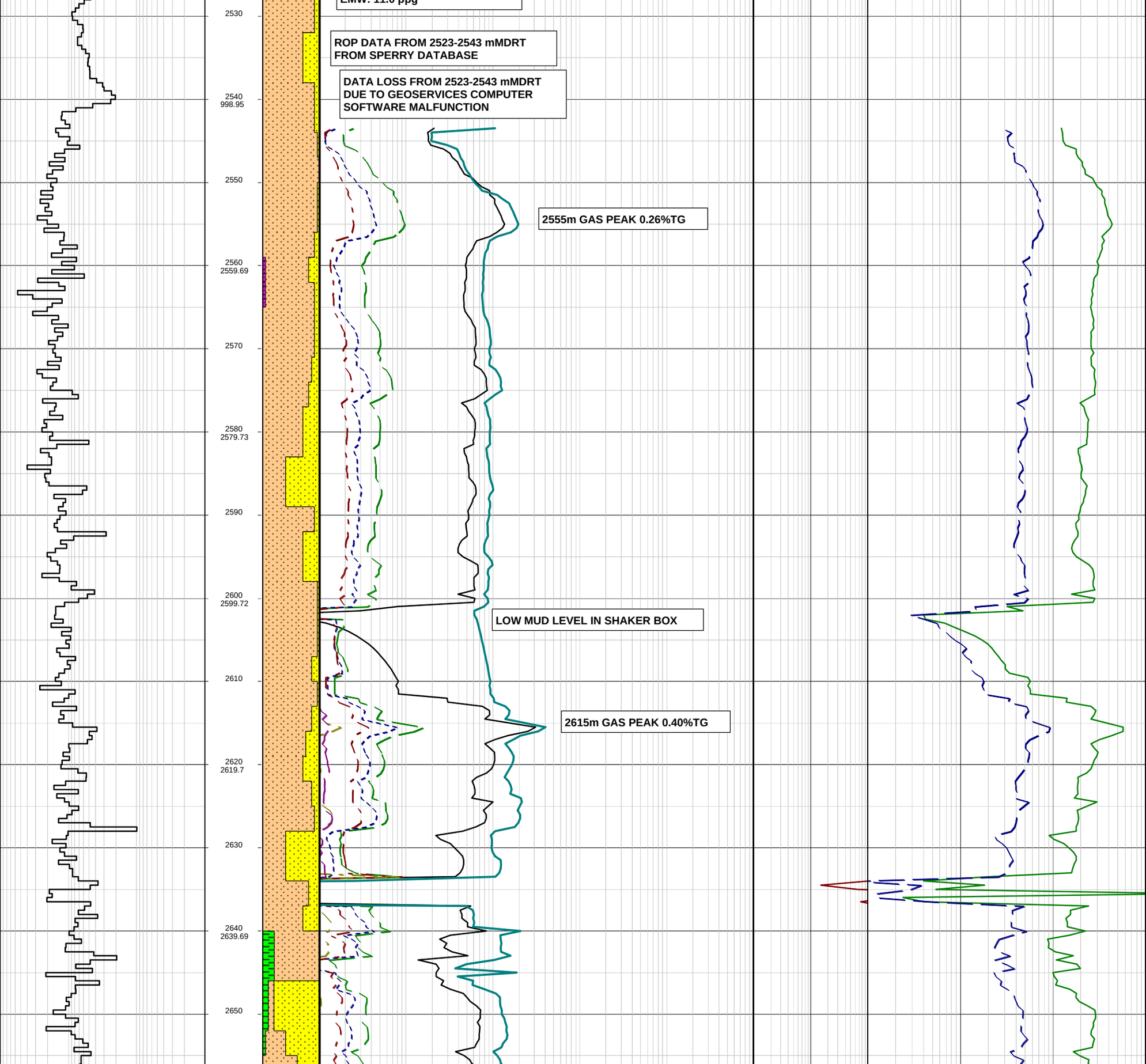
ALS ENGINEERS

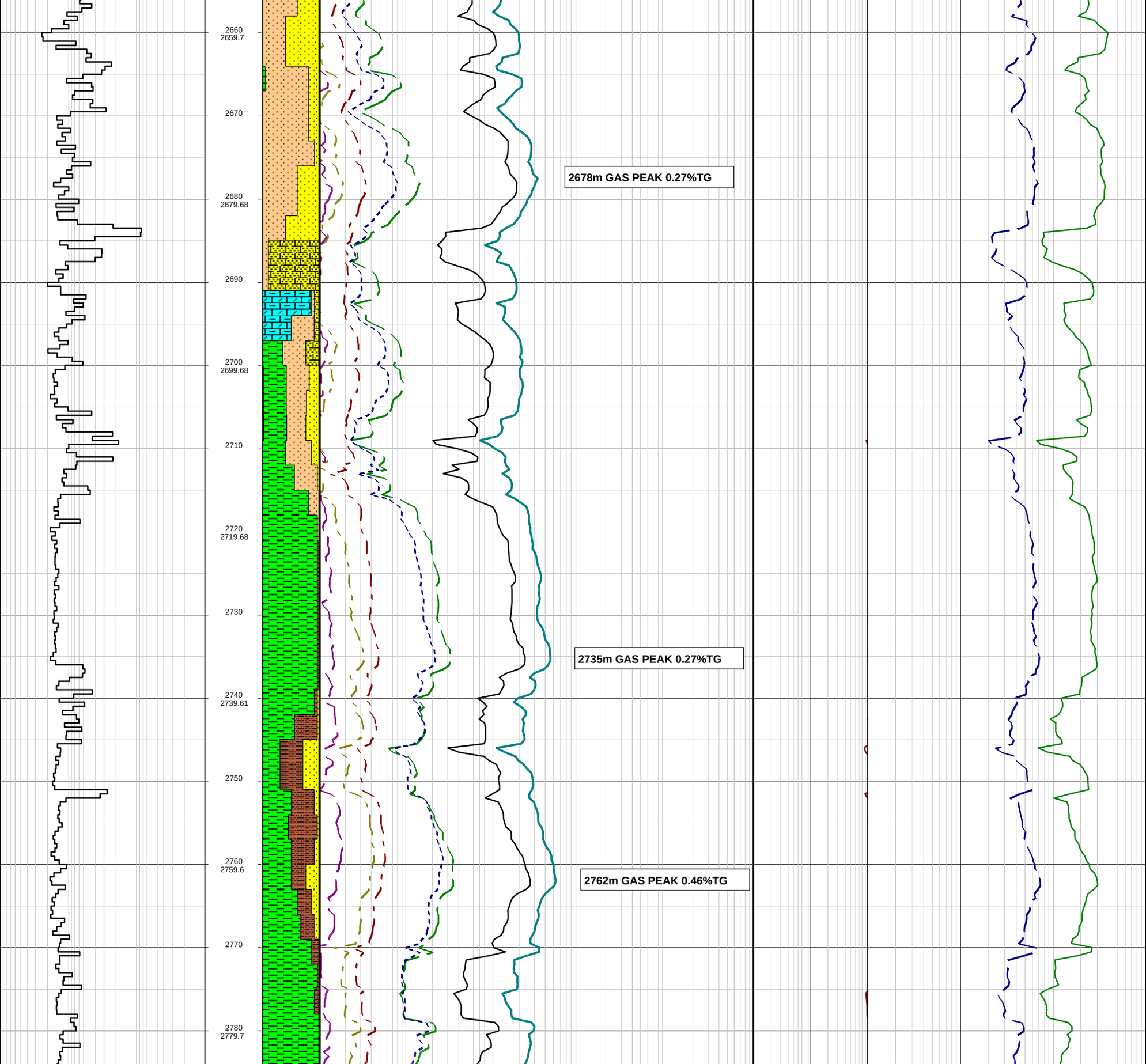
N. Elliott
G. Gopi
B. Barwick
B. Barwick

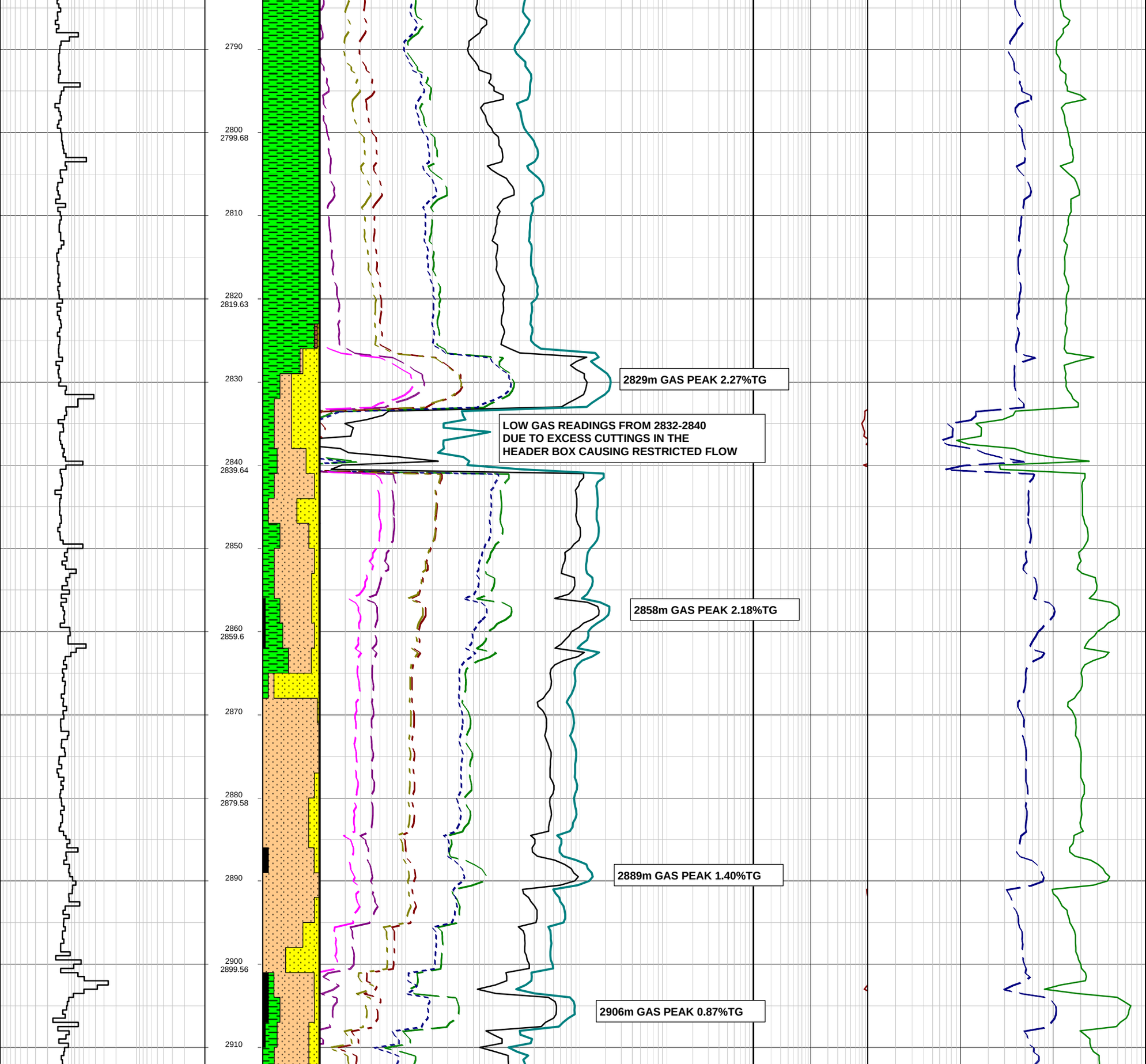
MUDLOGGERS

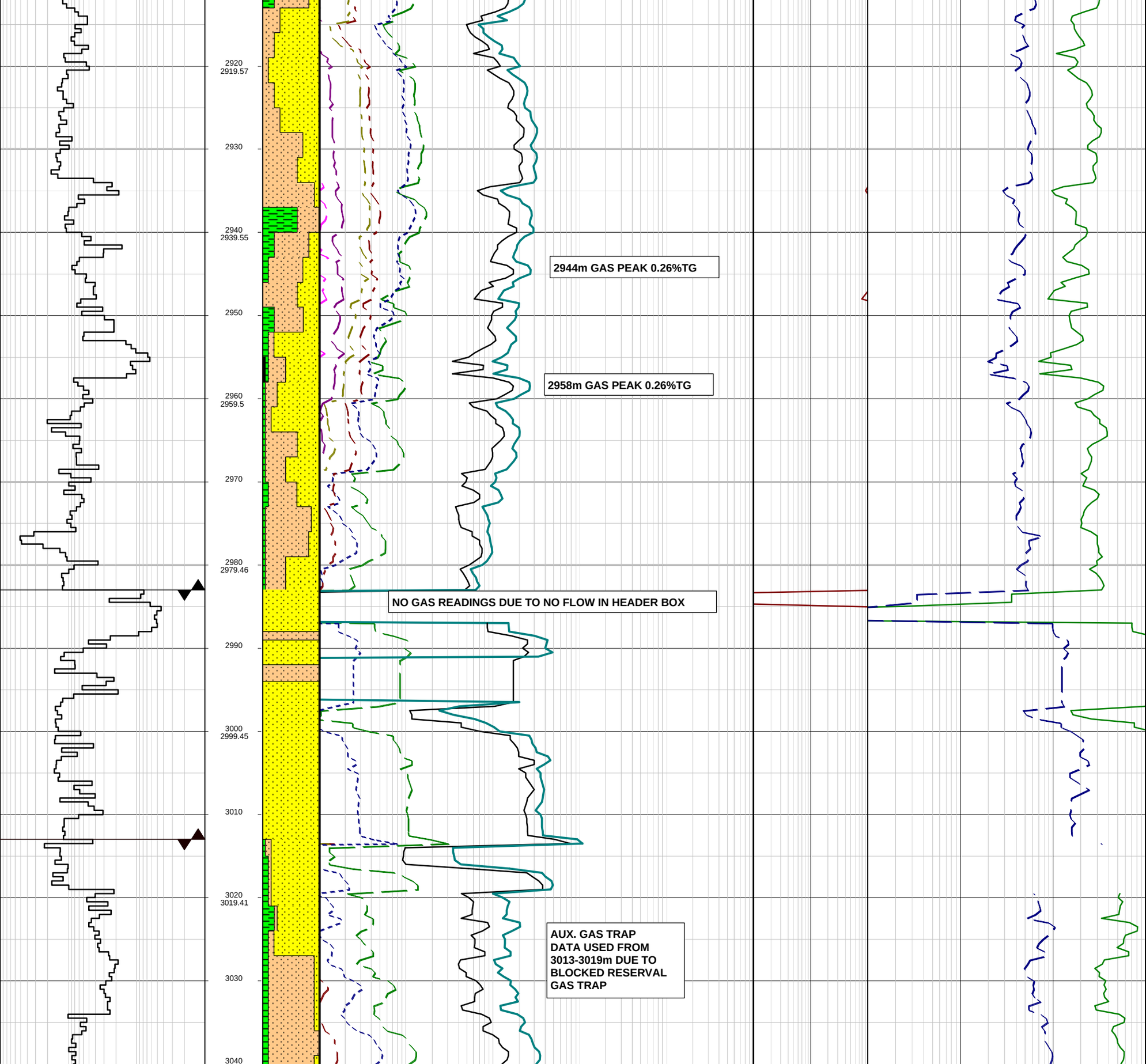
P. Currie
K.Brzowoska
P.Duncan
A.Lowndes

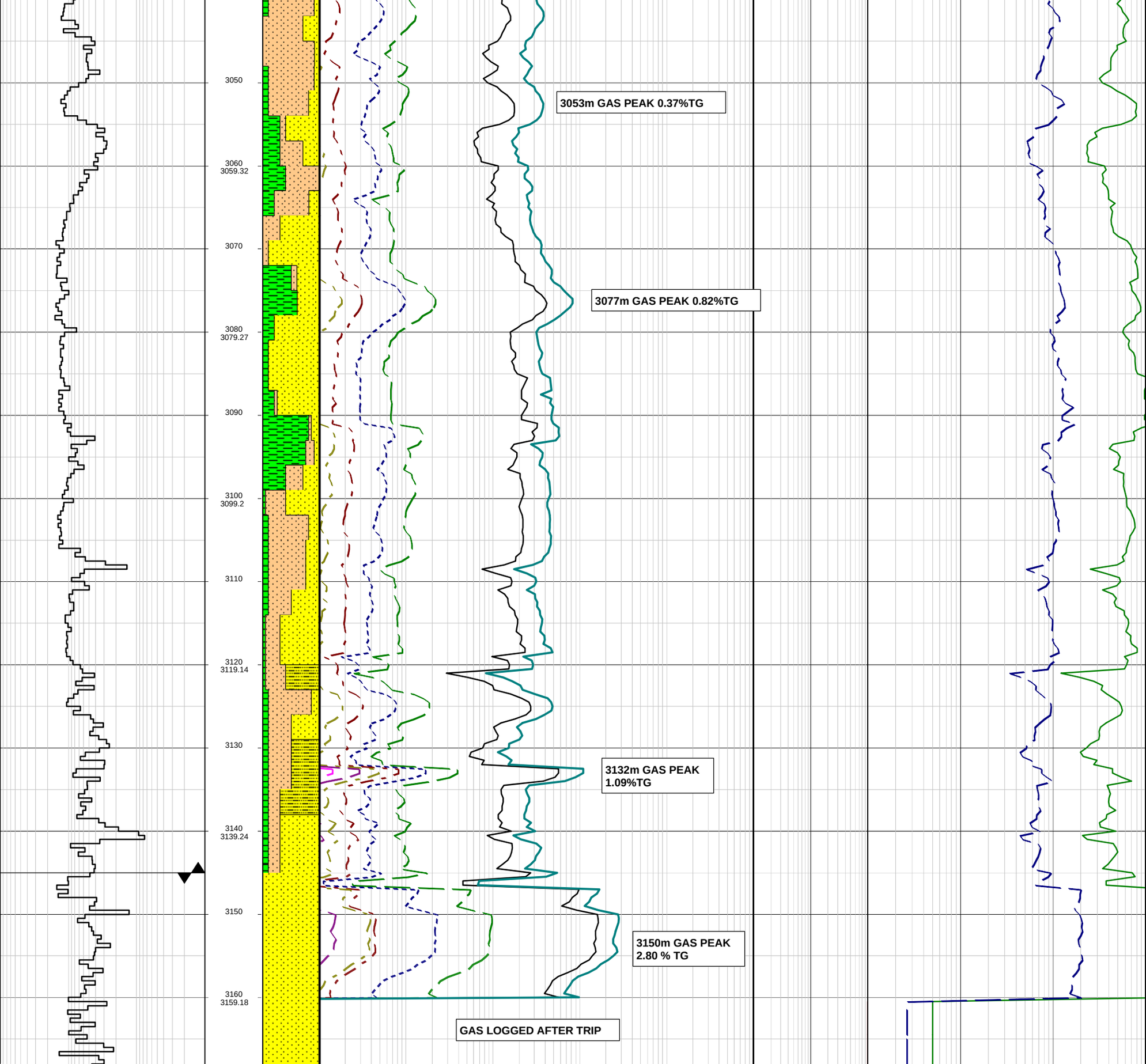


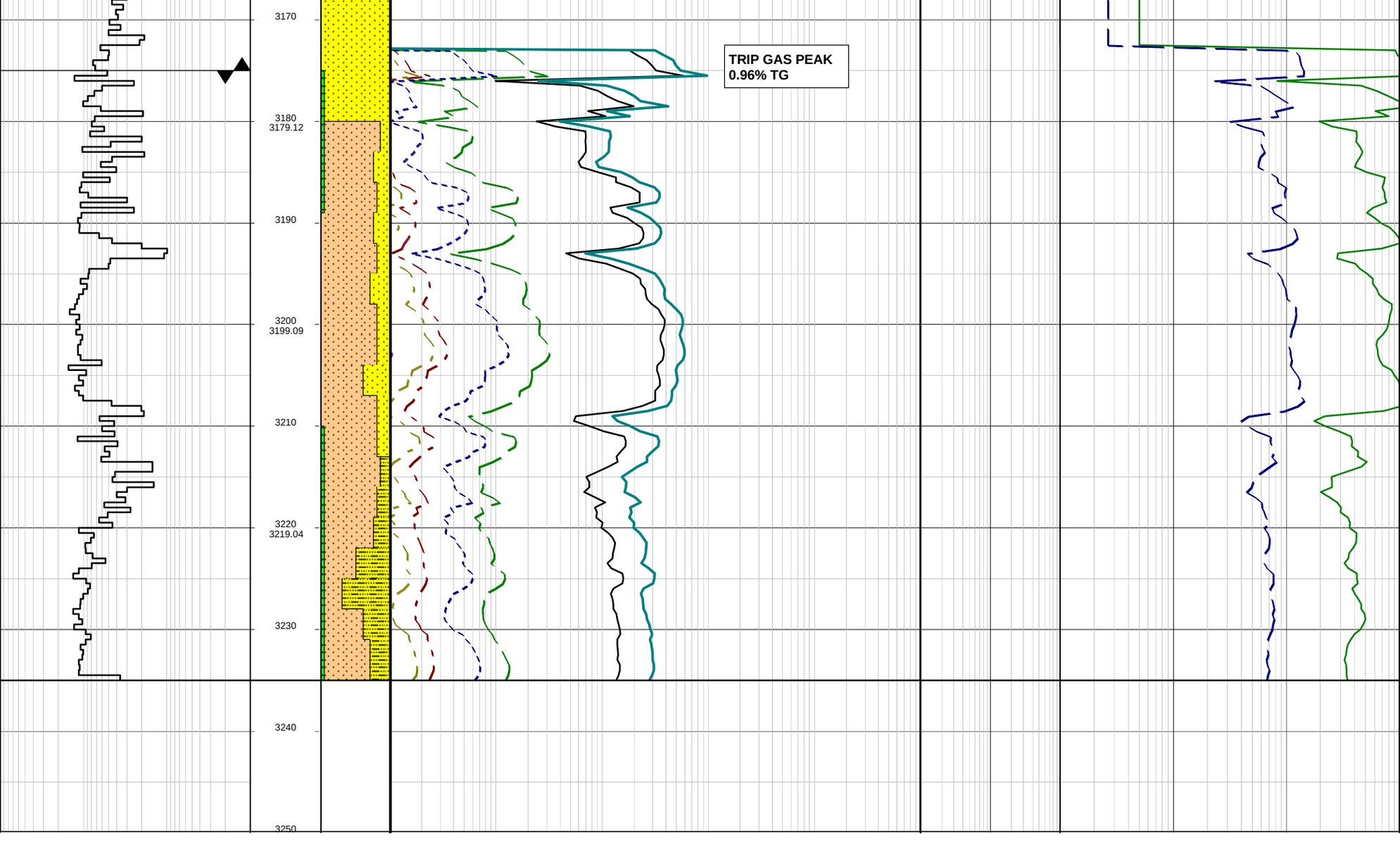

EMW: 11.0 ppg
ROP DATA FROM 2523-2543 mMDRT
FROM SPERRY DATABASE
DATA LOSS FROM 2523-2543 mMDRT
DUE TO GEOSERVICES COMPUTER
SOFTWARE MALFUNCTION
2555m GAS PEAK 0.26%TG
LOW MUD LEVEL IN SHAKER BOX
2615m GAS PEAK 0.40%TG
2530
2540
998.95
2550
2560
2559.69
2570
2580
2579.73
2590
2600
2599.72
2610
2620
2619.7
2630
2640
2639.69
2650


2660
2659.7
2670
2680
2679.68
2690
2700
2699.68
2710
2720
2719.68
2730
2740
2739.61
2750
2760
2759.6
2770
2780
2779.7
2678m GAS PEAK 0.27%TG
2735m GAS PEAK 0.27%TG
2762m GAS PEAK 0.46%TG


2790
2800
2799.68
2810
2820
2819.63
2830
2840
2839.64
2850
2860
2859.6
2870
2880
2879.58
2890
2900
2899.56
2910
2829m GAS PEAK 2.27%TG
LOW GAS READINGS FROM 2832-2840
DUE TO EXCESS CUTTINGS IN THE
HEADER BOX CAUSING RESTRICTED FLOW
2858m GAS PEAK 2.18%TG
2889m GAS PEAK 1.40%TG
2906m GAS PEAK 0.87%TG


2920
2919.57
2930
2940
2939.55
2950
2960
2959.5
2970
2980
2979.46
2990
3000
2999.45
3010
3020
3019.41
3030
3040
2944m GAS PEAK 0.26%TG
2958m GAS PEAK 0.26%TG
NO GAS READINGS DUE TO NO FLOW IN HEADER BOX
AUX. GAS TRAP
DATA USED FROM
3013-3019m DUE TO
BLOCKED RESERVAL
GAS TRAP


3050
3060
3059.32
3070
3080
3079.27
3090
3100
3099.2
3110
3120
3119.14
3130
3140
3139.24
3150
3160
3159.18
3053m GAS PEAK 0.37%TG
3077m GAS PEAK 0.82%TG
3132m GAS PEAK
1.09%TG
3150m GAS PEAK
2.80 % TG
GAS LOGGED AFTER TRIP


TRIP GAS PEAK
0.96% TG
3170
3180
3179.12
3190
3200
3199.09
3210
3220
3219.04
3230
3240
3250