DRILLING DATA 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				

ABBREVIATIONS

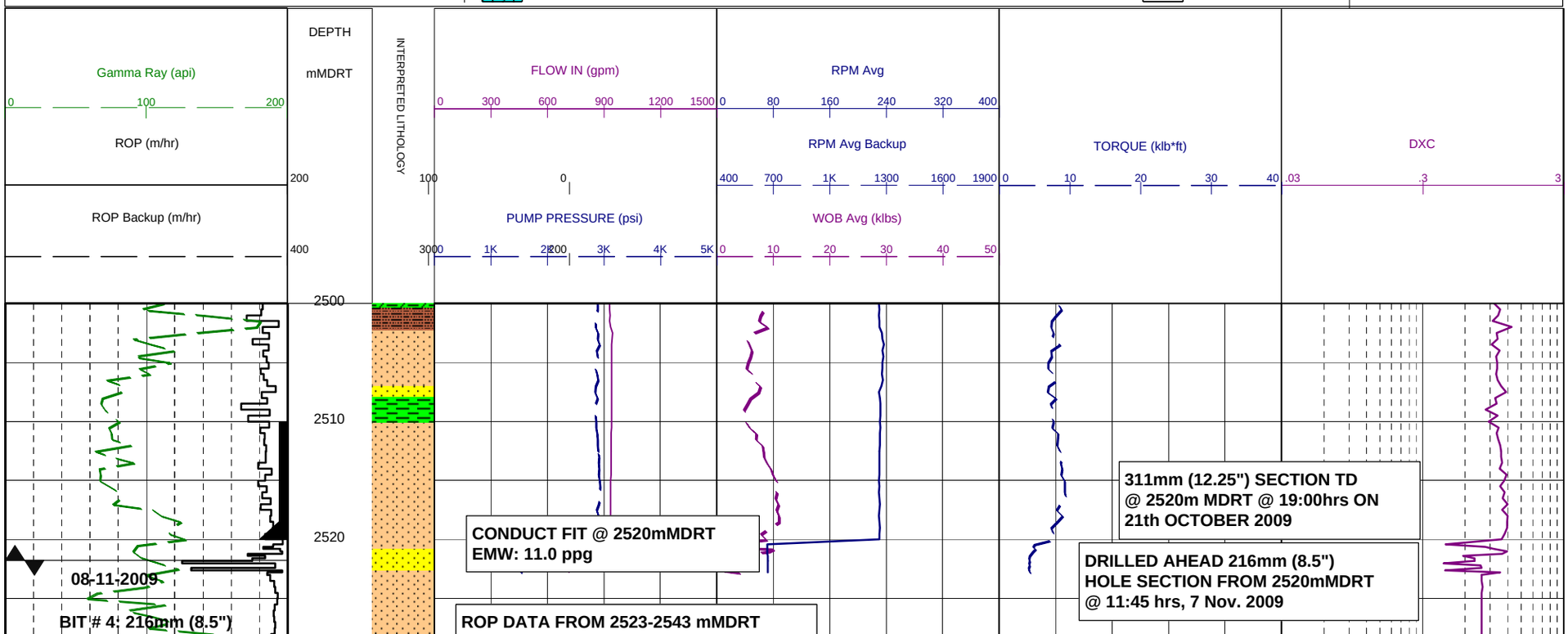
MW MUD WEIGHT
FV FUNNEL VISCOSITY
PV PLASTIC VISCOSITY
YP YIELD POINT
FC FILTER CAKE
SOL SOLIDS
CR CIRCULATE RETURNS
SD SAND - %
S SALINITY - PPM
RM MUD RESISTIVITY
RMF MUD FILTRATE
C CARBIDE TEST
LAT LOGGED AFTER TRIP
DS DEVIATION SURVEY
NB NEW BIT
RR RERUN BIT
CB CORE BIT
WOB WEIGHT ON BIT
RPM REVS PER MINUTE
FLC FLOW CHECK
WL FILTRATE
PR POOR RETURNS
NR NO RETURNS
BG BACKGROUND GAS
TG TRIP GAS
STG SHORT TRIP GAS
CG CONNECTION GAS
SG SWAB GAS
SVG SURVEY GAS

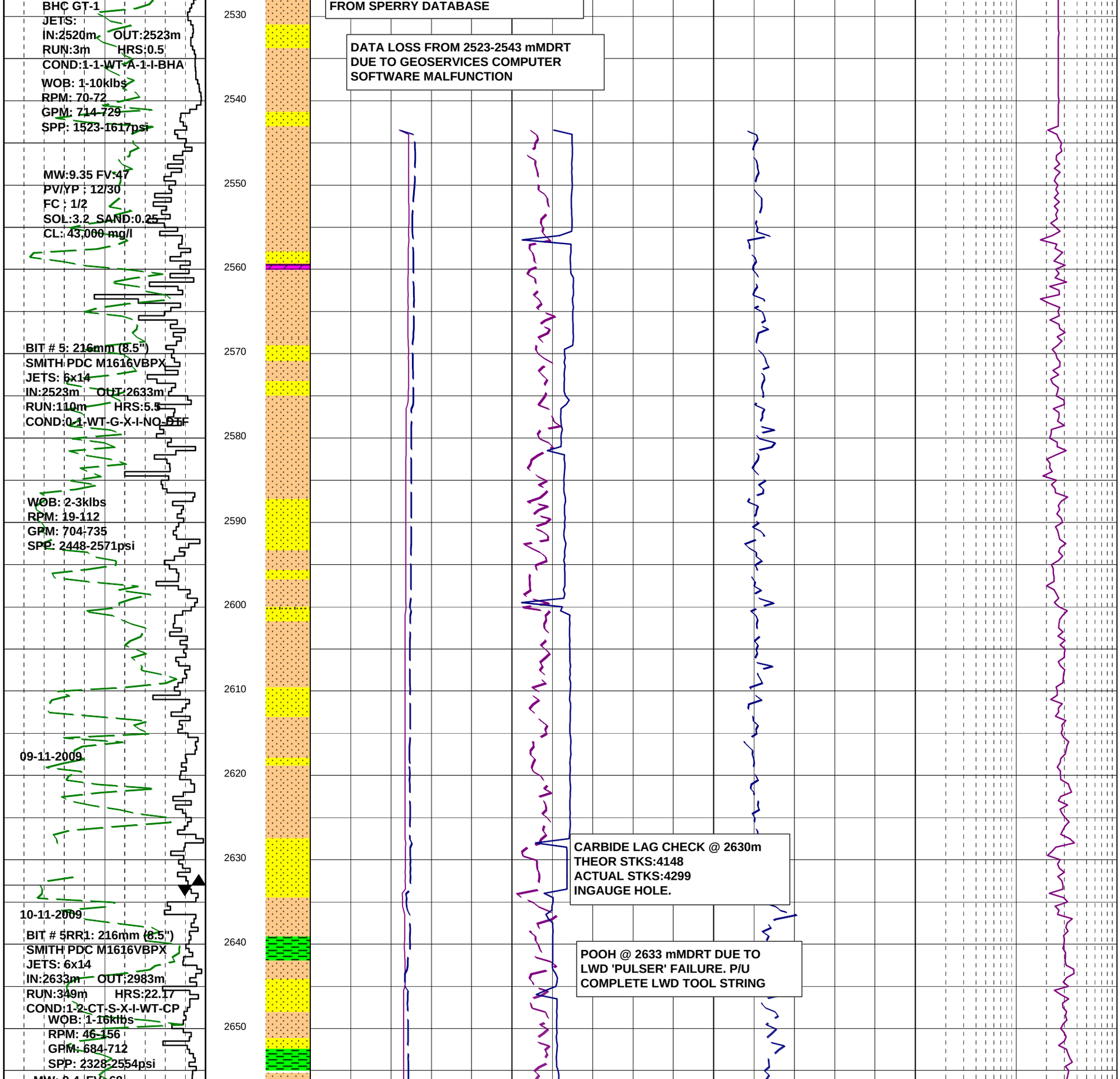
LITHOLOGY LEGEND

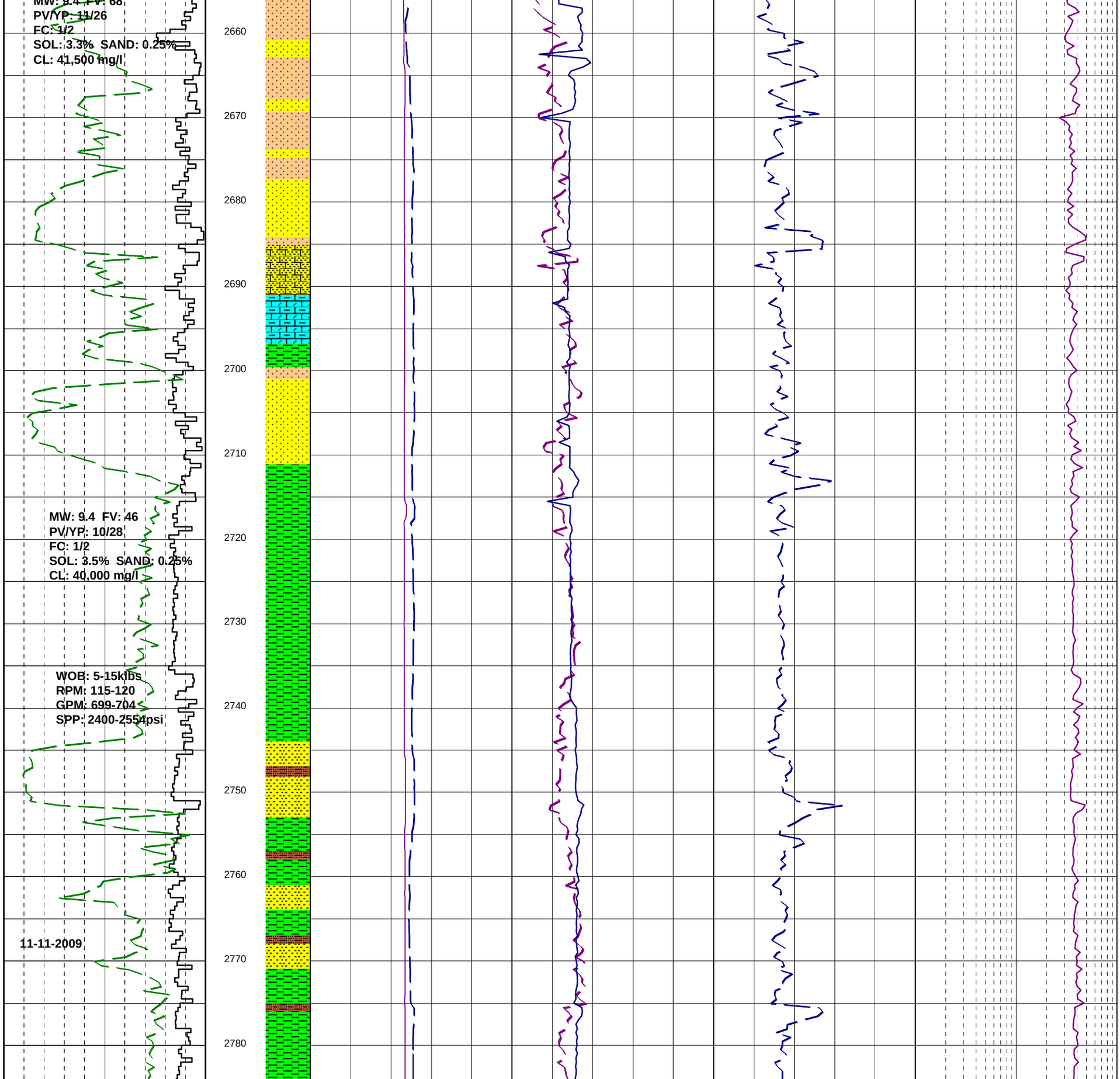
Dolomite
Calcirudite
Calcarenite
Calcisiltite
Calcilutite
Sandy Claystone
Silty Claystone
Calcareous Claystone
Argil Calcilutite
Claystone
Silstone
Sandstone
Coal
Intrusive Volcanics
Volcaniclastics
Tuff
Cement
Argil Siltstone
Sandy Siltstone
Calcareous Siltstone
Argil Sandstone
Calcareous Sandstone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

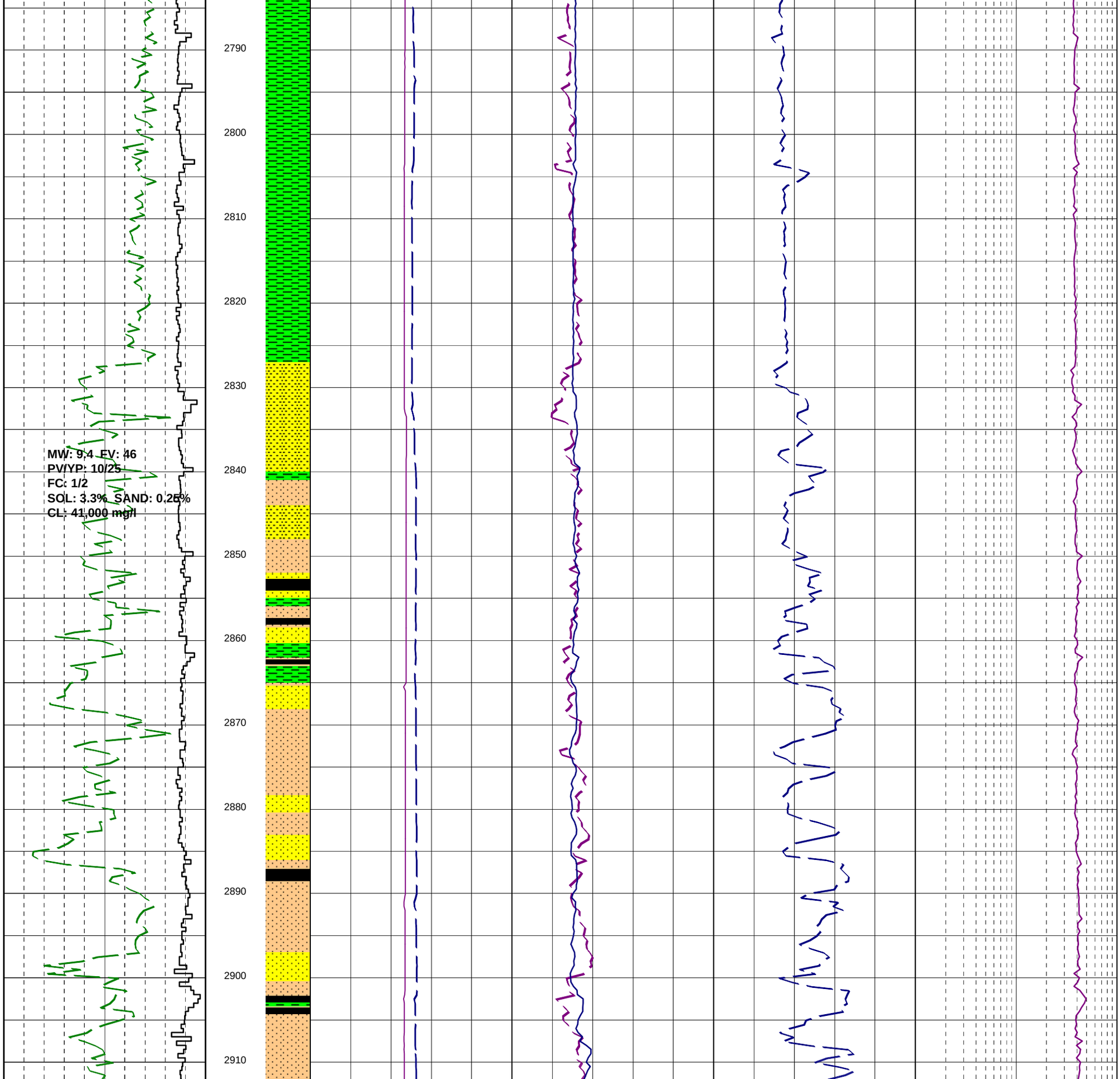
ENGINEERING

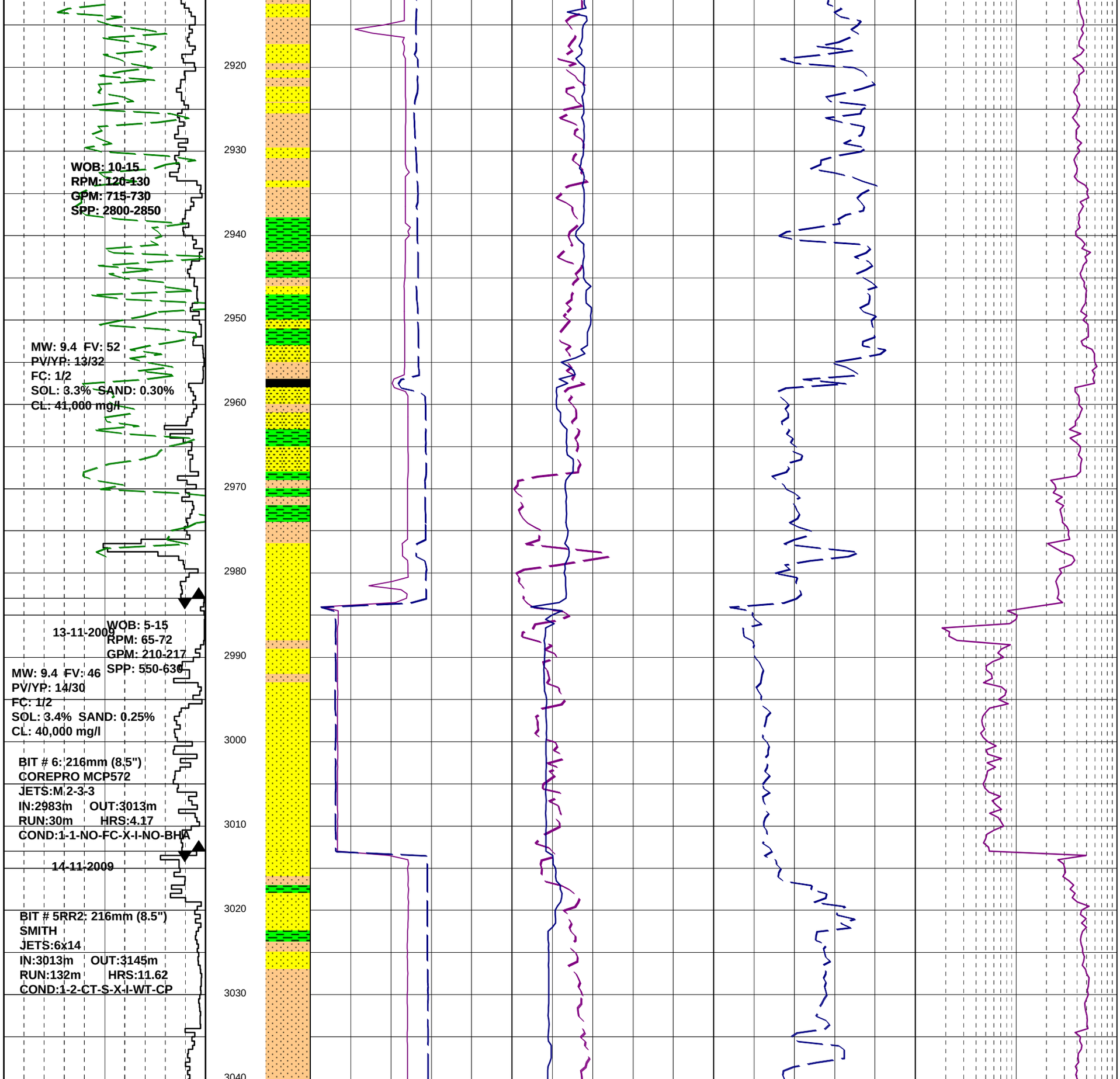
Test
FIT or LOT
Mud loss
Mud gain
Deviation survey
Core
Shoe
Calcimetry

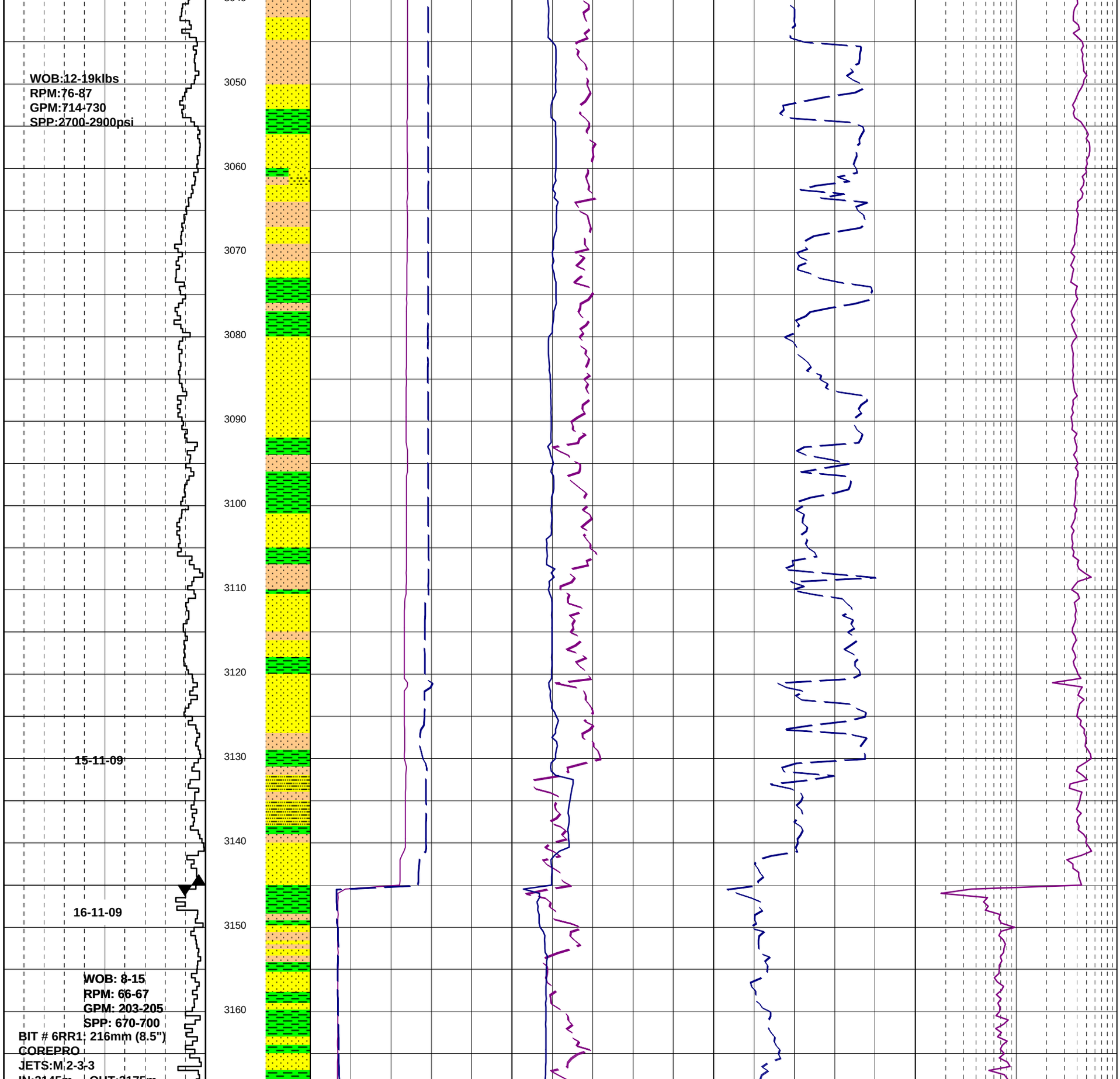


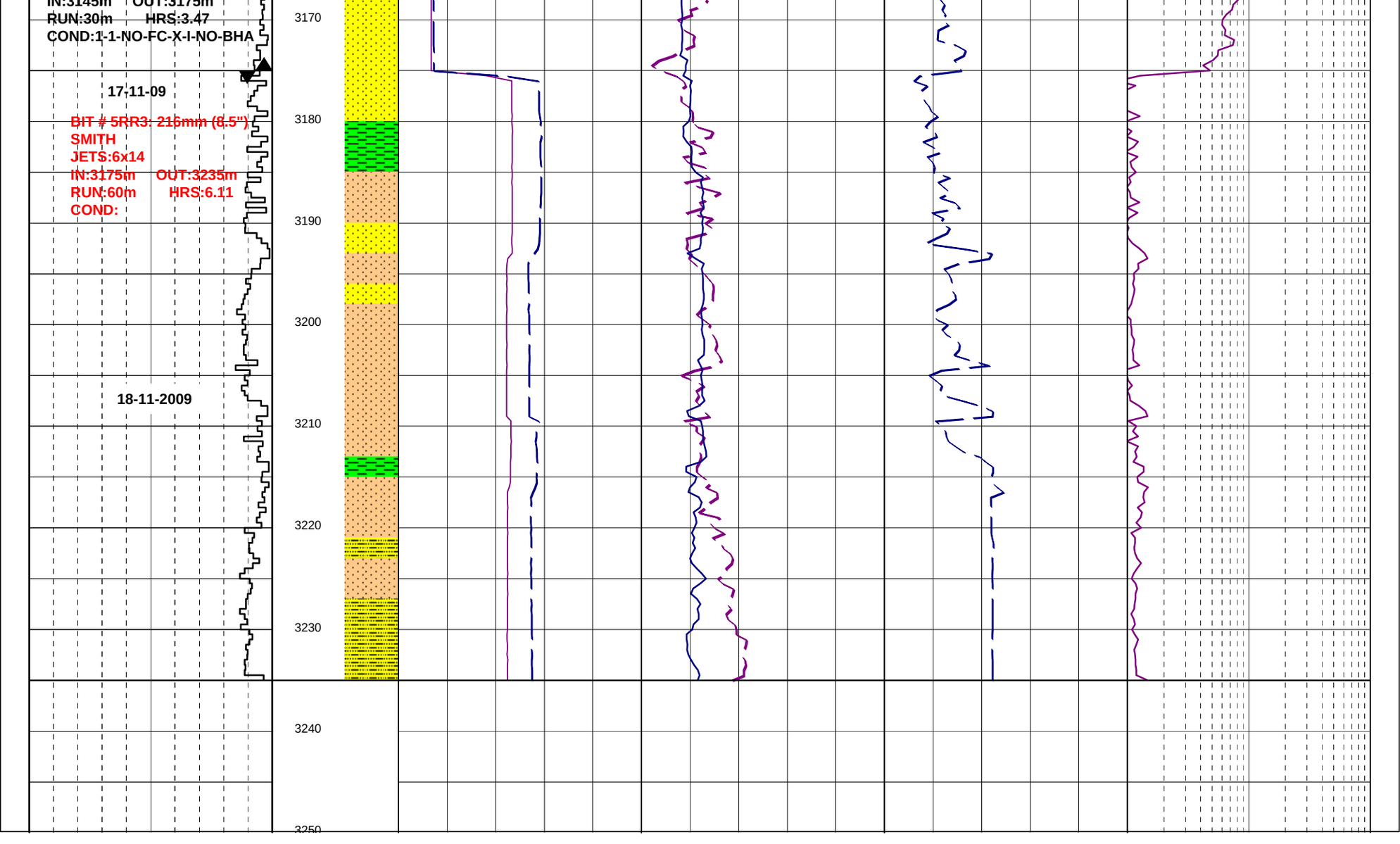

BHC GT-1
JETS:
IN:2520m OUT:2523m
RUN:3m HRS:0.5
COND:1-1-WT-A-1-I-BHA
WOB: 1-10klbs
RPM: 70-72
GPM: 714-729
SPP: 1523-1617psi
MW:9.35 FV:47
PV/YP : 12/30
FC : 1/2
SOL:3.2 SAND:0.25
CL: 43,000 mg/l
BIT # 5: 216mm (8.5")
SMITH PDC M1616VBPX
JETS: 6x14
IN:2523m OUT:2633m
RUN:110m HRS:5.5
COND:0-1-WT-G-X-I-NO-BHF
WOB: 2-3klbs
RPM: 19-112
GPM: 704-735
SPP: 2448-2571psi
09-11-2009
10-11-2009
BIT # 5RR1: 216mm (8.5")
SMITH PDC M1616VBPX
JETS: 6x14
IN:2633m OUT:2983m
RUN:349m HRS:22.17
COND:1-2-CT-S-X-I-WT-CP
WOB: 1-16klbs
RPM: 46-156
GPM: 684-712
SPP: 2328-2554psi
2530
2540
2550
2560
2570
2580
2590
2600
2610
2620
2630
2640
2650
FROM SPERRY DATABASE
DATA LOSS FROM 2523-2543 mMDRT
DUE TO GEOSERVICES COMPUTER
SOFTWARE MALFUNCTION
CARBIDE LAG CHECK @ 2630m
THEOR STKS:4148
ACTUAL STKS:4299
INGAUGE HOLE.
POOH @ 2633 mMDRT DUE TO
LWD 'PULSER' FAILURE. P/U
COMPLETE LWD TOOL STRING


MW: 9.4 FV: 68
PV/YP: 11/26
FC: 1/2
SOL: 3.3% SAND: 0.25%
CL: 41,500 mg/l
2660
2670
2680
2690
2700
2710
MW: 9.4 FV: 46
PV/YP: 10/28
FC: 1/2
SOL: 3.5% SAND: 0.25%
CL: 40,000 mg/l
2720
2730
WOB: 5-15klbs
RPM: 115-120
GPM: 699-704
SPP: 2400-2554psi
2740
2750
2760
11-11-2009
2770
2780


2790
2800
2810
2820
2830
2840
2850
2860
2870
2880
2890
2900
2910
MW: 9.4 EV: 46
PV/YP: 10/25
FC: 1/2
SOL: 3.3% SAND: 0.25%
CL: 41,000 mg/l


2920
2930
2940
2950
2960
2970
2980
2990
3000
3010
3020
3030
3040
WOB: 10-15
RPM: 120-130
GPM: 715-730
SPP: 2800-2850
MW: 9.4 FV: 52
PV/YP: 13/32
FC: 1/2
SOL: 3.3% SAND: 0.30%
CL: 41,000 mg/l
13-11-2009
WOB: 5-15
RPM: 65-72
GPM: 210-217
SPP: 550-630
MW: 9.4 FV: 46
PV/YP: 14/30
FC: 1/2
SOL: 3.4% SAND: 0.25%
CL: 40,000 mg/l
BIT # 6: 216mm (8.5")
COREPRO MCP572
JETS:M 2-3-3
IN:2983m OUT:3013m
RUN:30m HRS:4.17
COND:1-1-NO-FC-X-I-NO-BHA
14-11-2009
BIT # 5RR2: 216mm (8.5")
SMITH
JETS:6x14
IN:3013m OUT:3145m
RUN:132m HRS:11.62
COND:1-2-CT-S-X-I-WT-CP


WOB:12-19klbs
RPM:76-87
GPM:714-730
SPP:2700-2900psi
3050
3060
3070
3080
3090
3100
3110
3120
3130
3140
3150
3160
15-11-09
16-11-09
WOB: 8-15
RPM: 66-67
GPM: 203-205
SPP: 670-700
BIT # 6RR1; 216mm (8.5")
COREPRO
JETS:M 2-3-3


IN:3145m OUT:3175m
RUN:30m HRS:3.47
COND:1-1-NO-FC-X-I-NO-BHA
17-11-09
BIT # 5RR3: 216mm (8.5")
SMITH
JETS:6x14
IN:3175m OUT:3235m
RUN:60m HRS:6.11
COND:
18-11-2009
3170
3180
3190
3200
3210
3220
3230
3240
3250