



Company : Beach Petroleum Ltd

Well : Fermat-1

Interval : 939.00 - 2741.45 meters

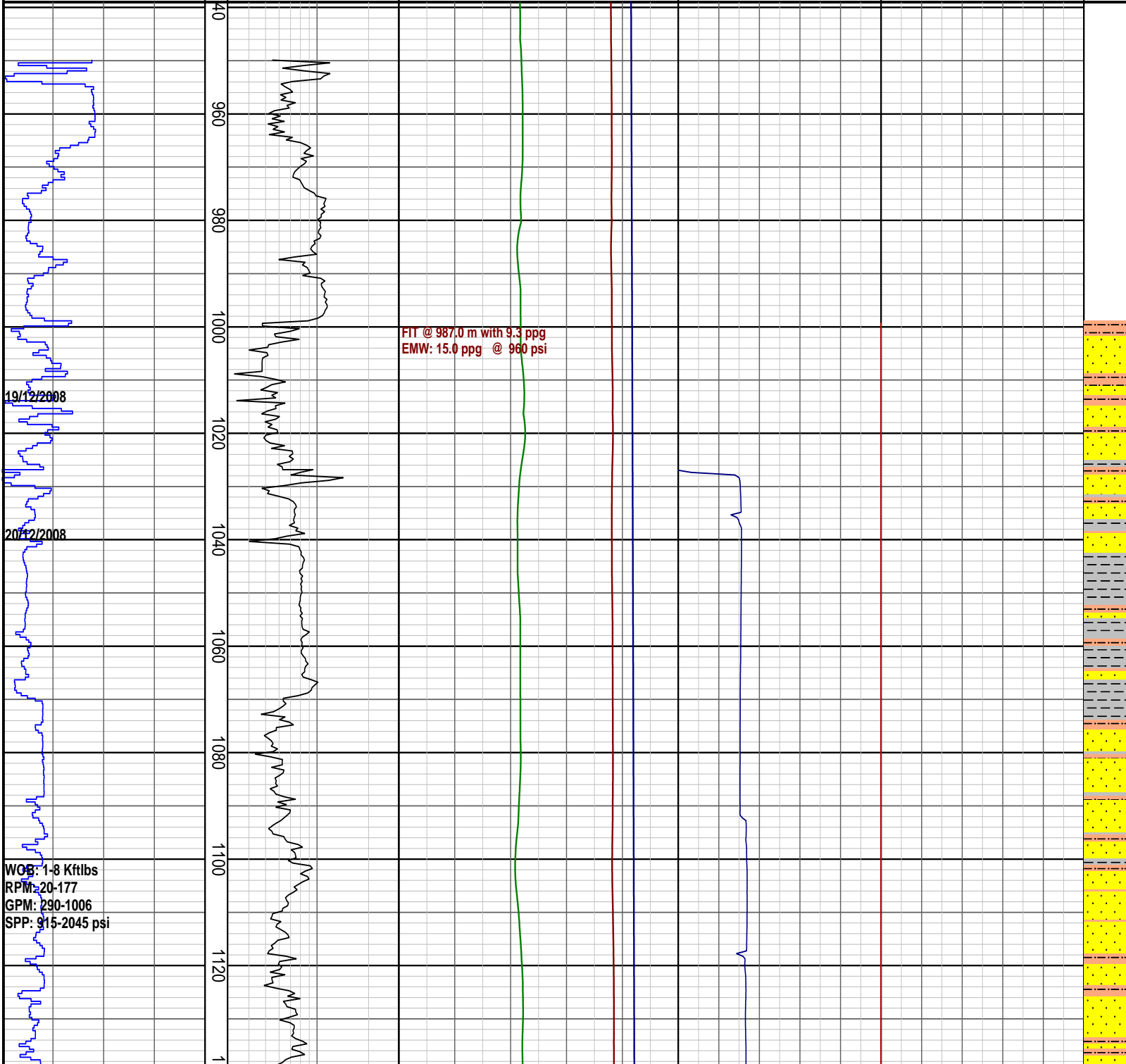
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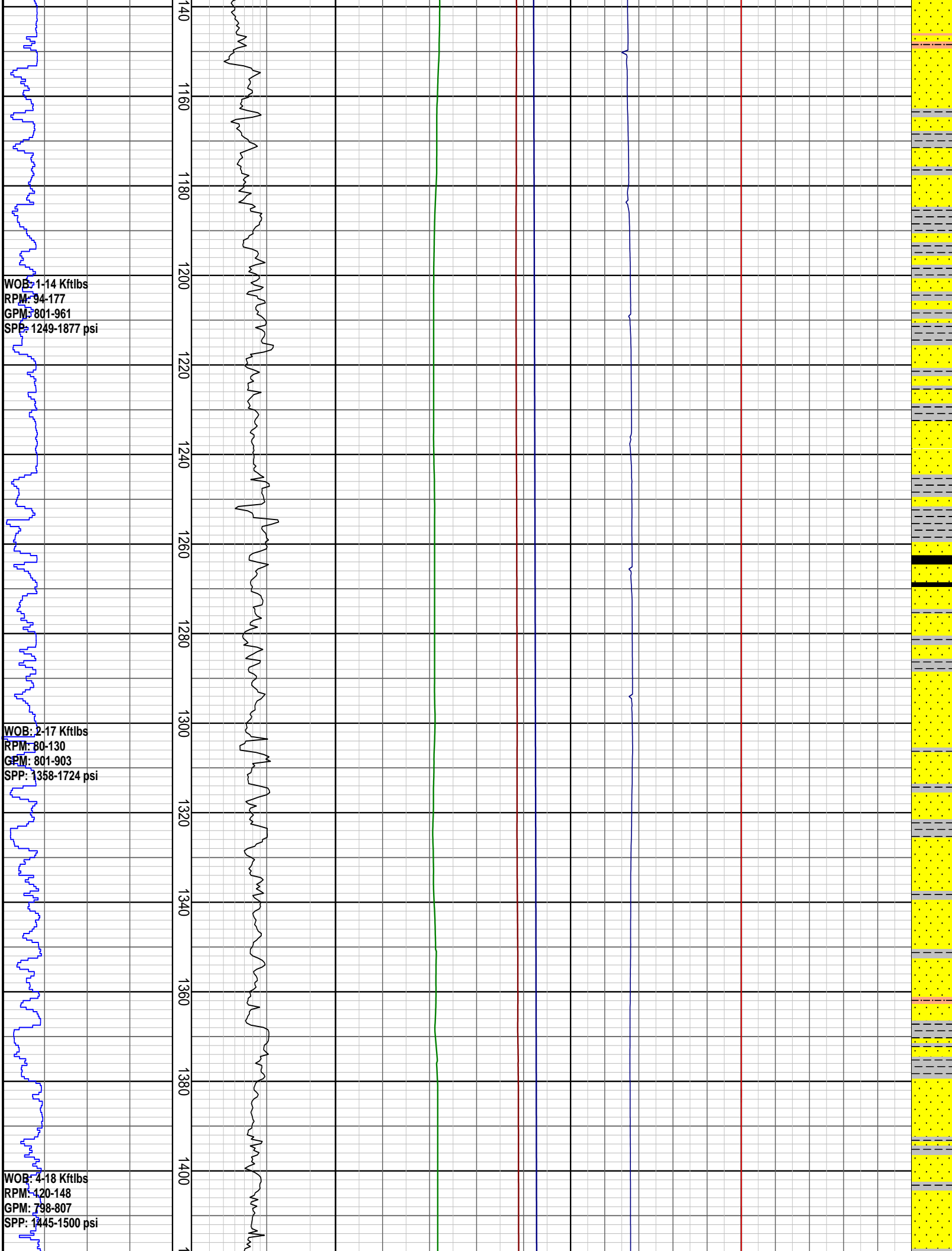


INTEQ

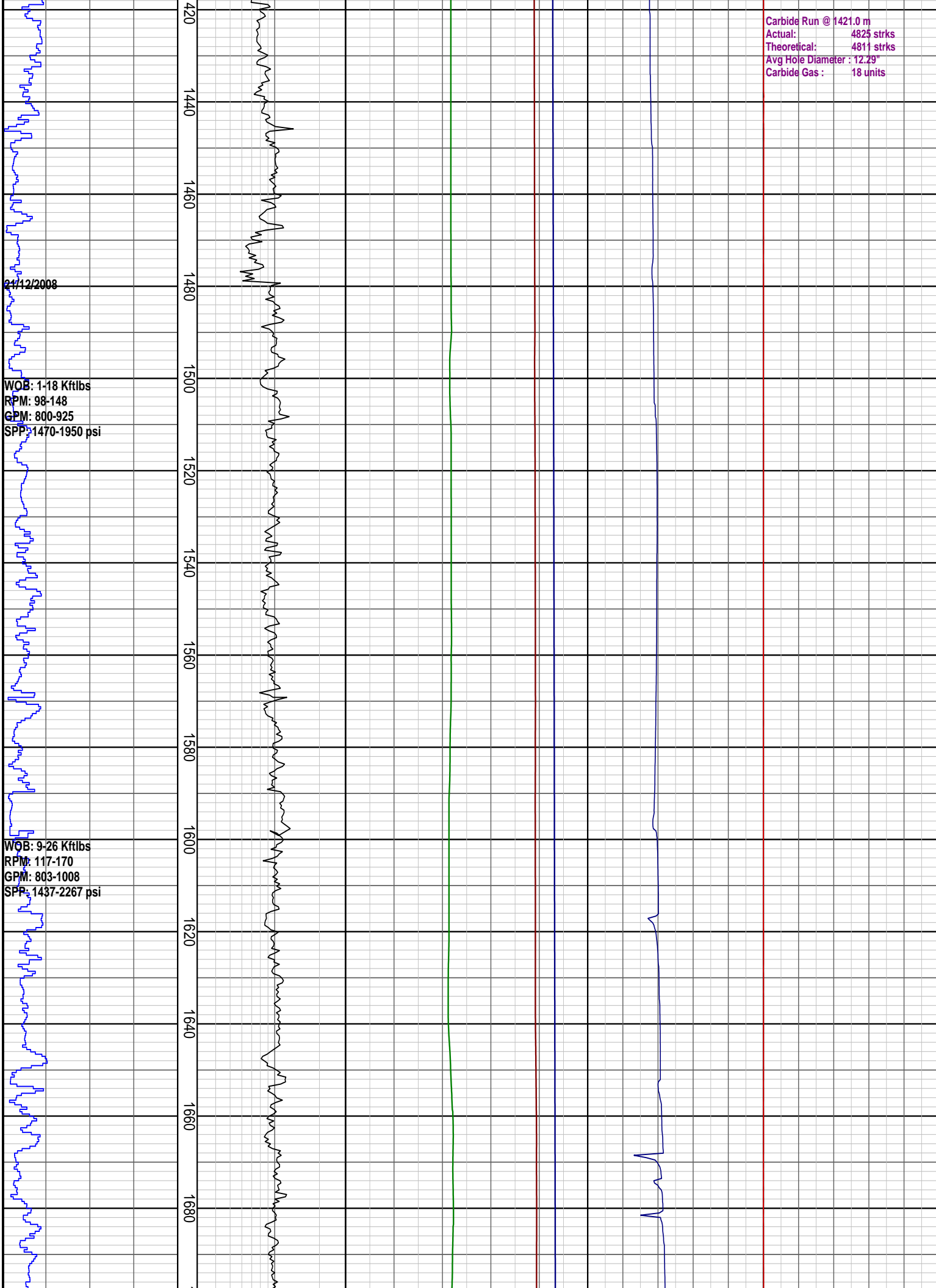
### PRESSURE DATA PLOT

Rate of Penetration ROP 50   100   150   200 m/hr	DRILLING EXPONENT DXC 0.3   3	PRESSURE DATA Pore Pressure 4   8   12   16   20 ppg Fracture Pressure 4   8   12   16   20 ppg Overburden Gradient 4   8   12   16   20 ppg	TEMPERATURE Temperature Out 20   40   60   80   100 degC	GAS Total Gas 50   100   150   200   250 unit	INTERPRETED LITHOLOGY
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Carbide Run @ 1421.0 m  
Actual: 4825 strks  
Theoretical: 4811 strks  
Avg Hole Diameter : 12.29"  
Carbide Gas : 18 units



21/12/2008

WOB: 1-18 Kftlbs  
RPM: 98-148  
GPM: 800-925  
SPP: 1470-1950 psi

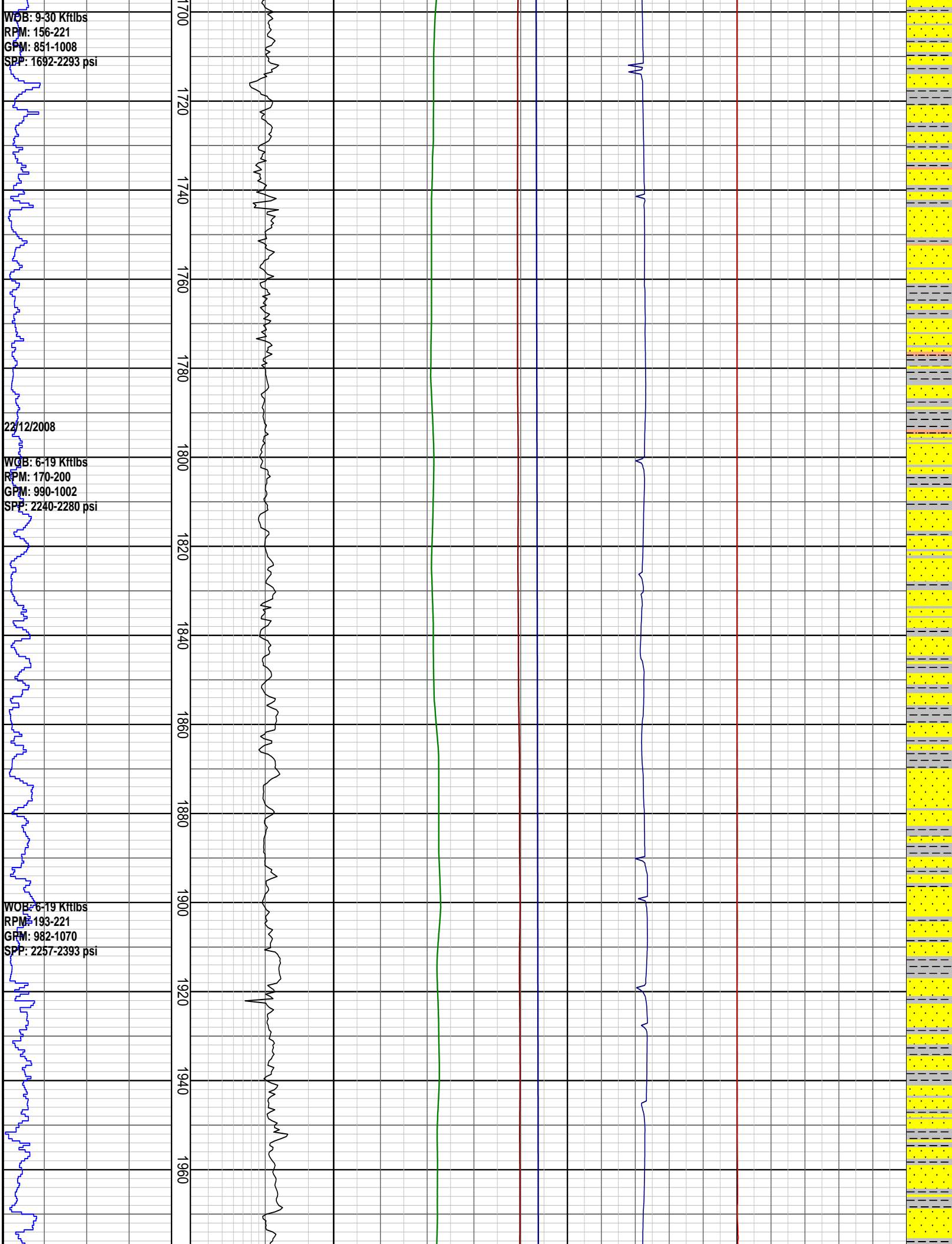
WOB: 9-26 Kftlbs  
RPM: 117-170  
GPM: 803-1008  
SPP: 1437-2267 psi

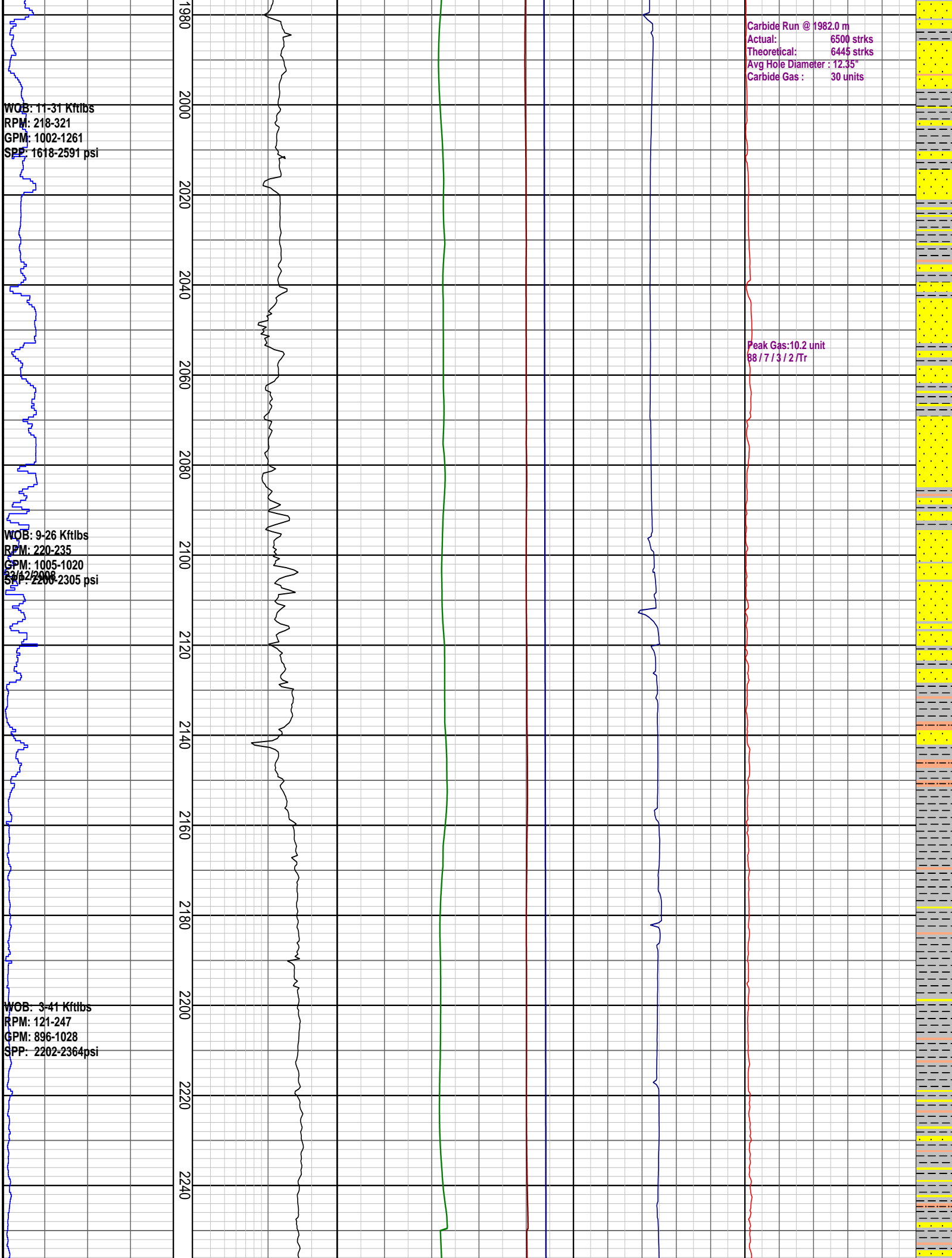
WOB: 9-30 Kftlbs  
RPM: 156-221  
GPM: 851-1008  
SPP: 1692-2293 psi

22/12/2008

WOB: 6-19 Kftlbs  
RPM: 170-200  
GPM: 990-1002  
SPP: 2240-2280 psi

WOB: 6-19 Kftlbs  
RPM: 193-221  
GPM: 982-1070  
SPP: 2257-2393 psi





WOB: 11-31 Kftlbs  
RPM: 218-321  
GPM: 1002-1261  
SPP: 1618-2591 psi

WOB: 9-26 Kftlbs  
RPM: 220-235  
GPM: 1005-1020  
SPP: 2200-2305 psi

WOB: 3-41 Kftlbs  
RPM: 121-247  
GPM: 896-1028  
SPP: 2202-2364psi

Carbide Run @ 1982.0 m  
Actual: 6500 strks  
Theoretical: 6445 strks  
Avg Hole Diameter : 12.35"  
Carbide Gas : 30 units

Peak Gas: 10.2 unit  
88 / 7 / 3 / 2 / Tr

24/12/2008

WOB: 15-40 Kftlbs  
RPM: 175-250  
GPM: 1019-1021  
SPP: 2210-2440 psi

WOB: 15-40 Kftlbs  
RPM: 175-250  
GPM: 1019-1021  
SPP: 2300-2480 psi  
25-26/12/2008

WOB: 3-13 Kftlbs  
RPM: 100-140  
GPM: 900-925  
SPP: 2045-2615 psi

2260  
2280  
2300  
2320  
2340  
2360  
2380  
2400  
2420  
2440  
2460  
2480  
2500  
2520

Peak Gas: 11.7 unit  
92 / 5 / 2 / Tr / Tr

Peak Gas: 13.8 unit  
91 / 6 / 2 / Tr / Tr

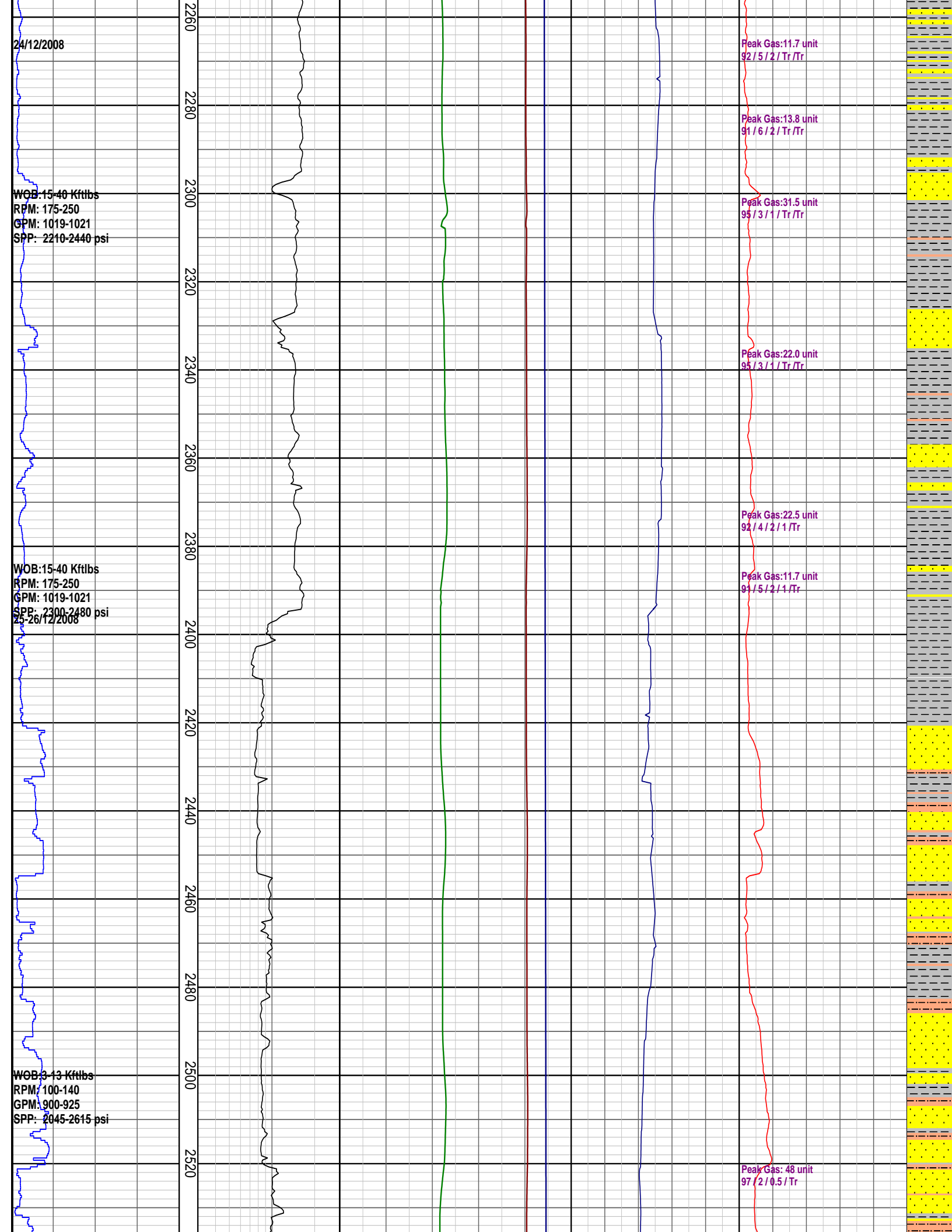
Peak Gas: 31.5 unit  
95 / 3 / 1 / Tr / Tr

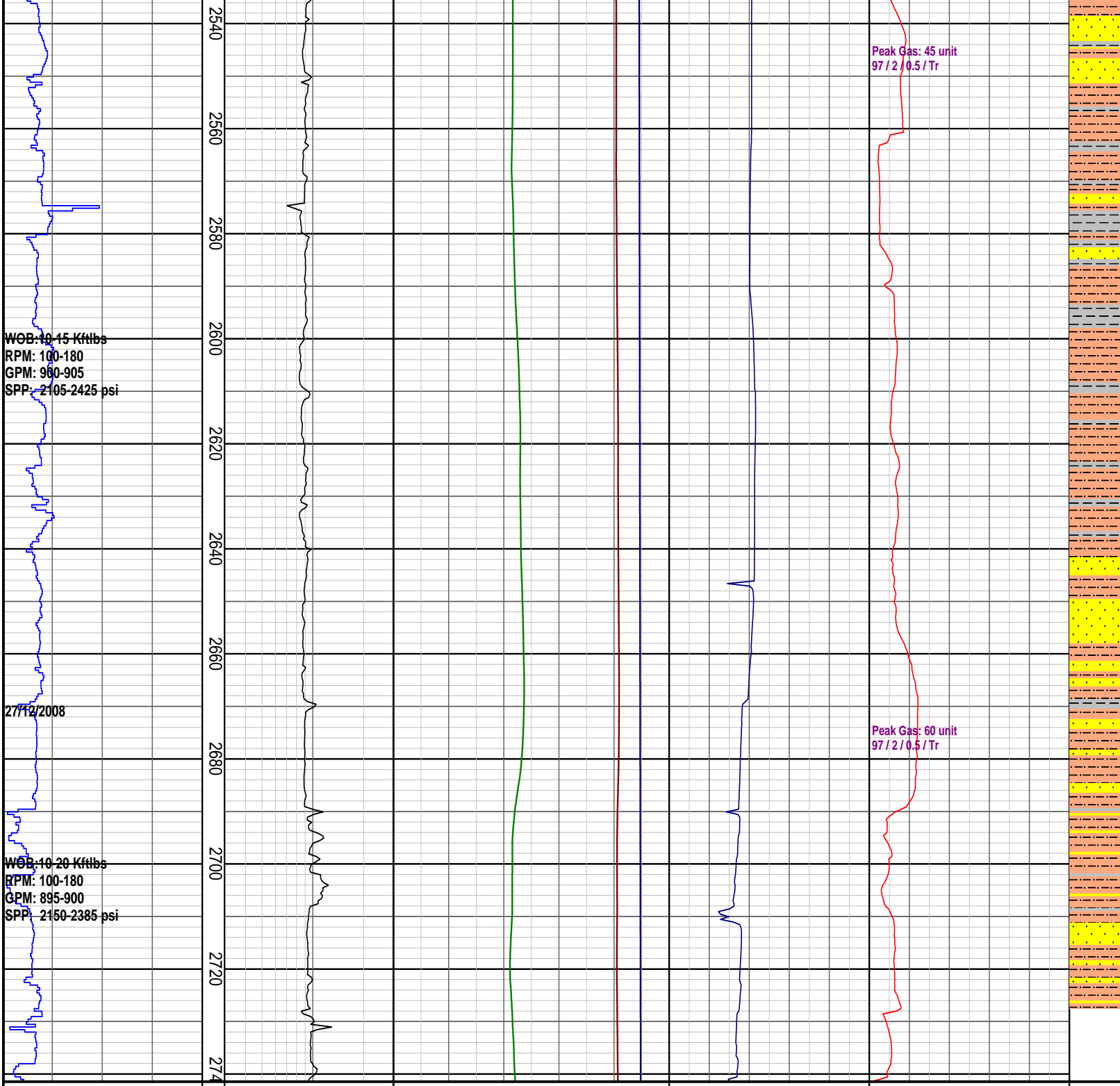
Peak Gas: 22.0 unit  
95 / 3 / 1 / Tr / Tr

Peak Gas: 22.5 unit  
92 / 4 / 2 / 1 / Tr

Peak Gas: 11.7 unit  
91 / 5 / 2 / 1 / Tr

Peak Gas: 48 unit  
97 / 2 / 0.5 / Tr





### PRESSURE DATA PLOT

Rate of Penetration <b>ROP</b>	DRILLING EXPONENT <b>DXC</b>	PRESSURE DATA <b>Pore Pressure</b>	TEMPERATURE <b>Temperature Out</b>	GAS <b>Total Gas</b>	INTERPRETED LITHOLOGY
50   100   150   200 m/hr	0.3   3	4   8   12   16   20 ppg	20   40   60   80   100 degC	50   100   150   200   250 unit	
	TVD meters 1:1000	Fracture Pressure 4   8   12   16   20 ppg			
		Overburden Gradient 4   8   12   16   20 ppg			