



# GAS RATIO LOG

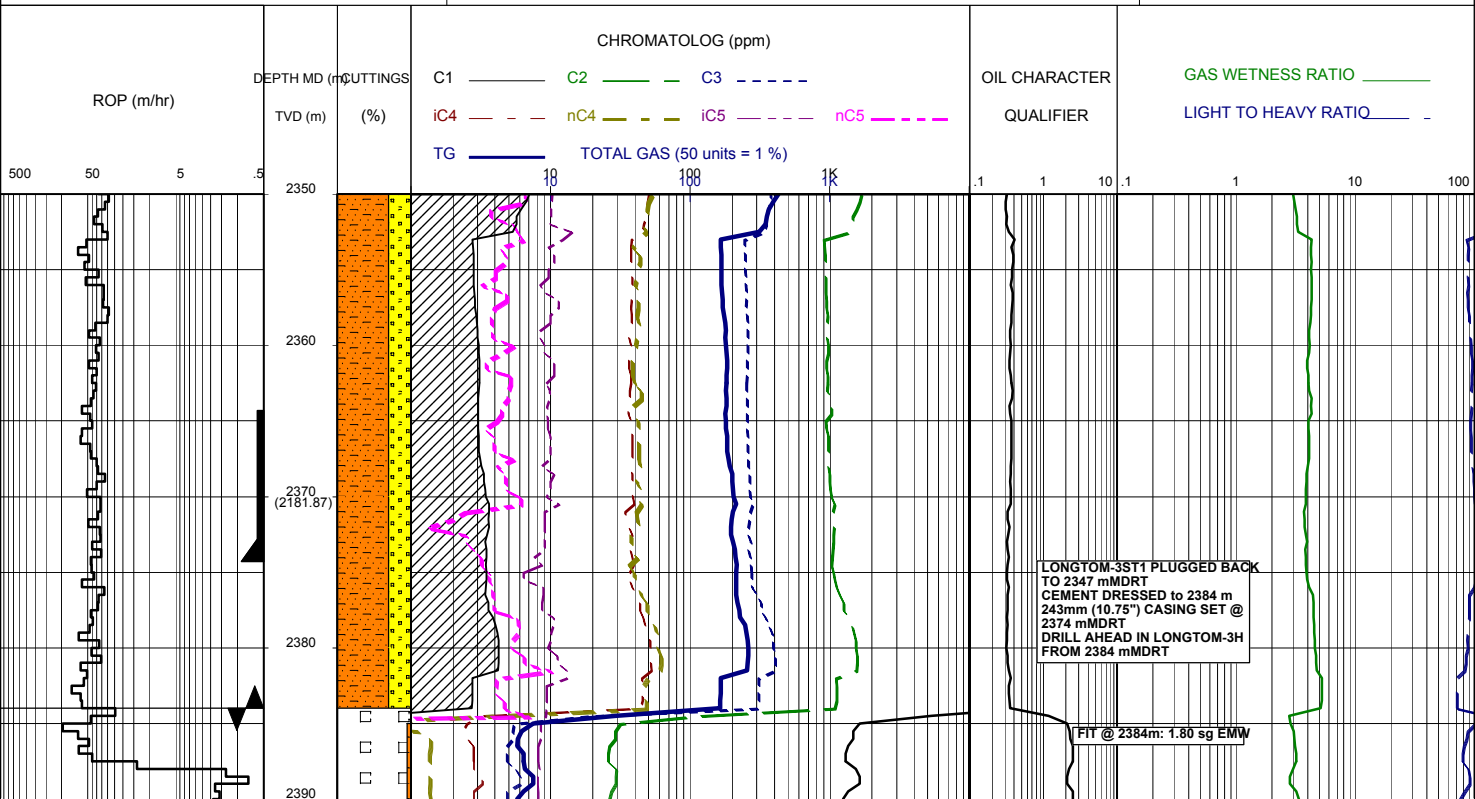
WELL : LONGTOM-3H



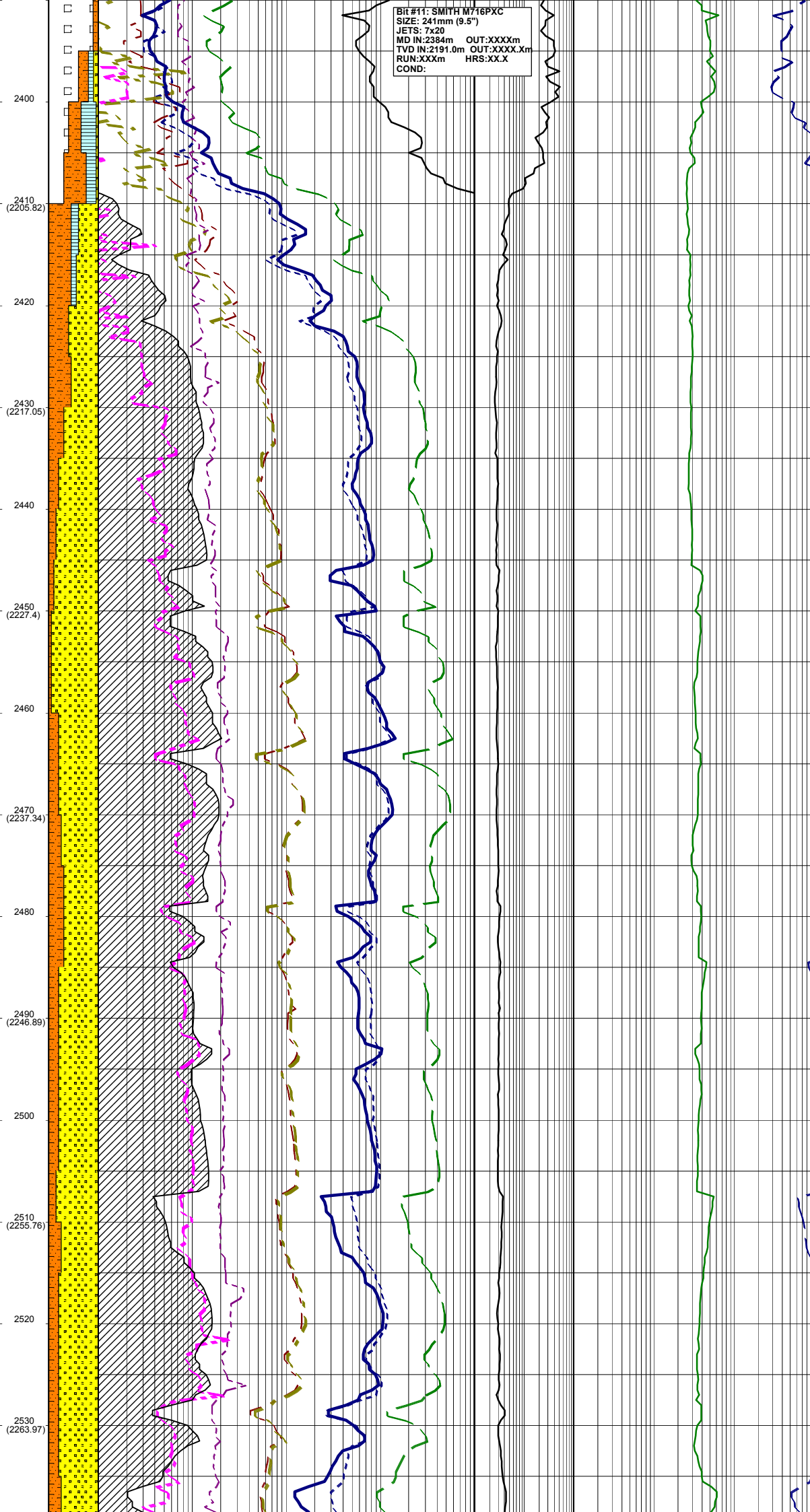
FROM (m): 2350 TO (m): 3630 SCALE: 1/ 500

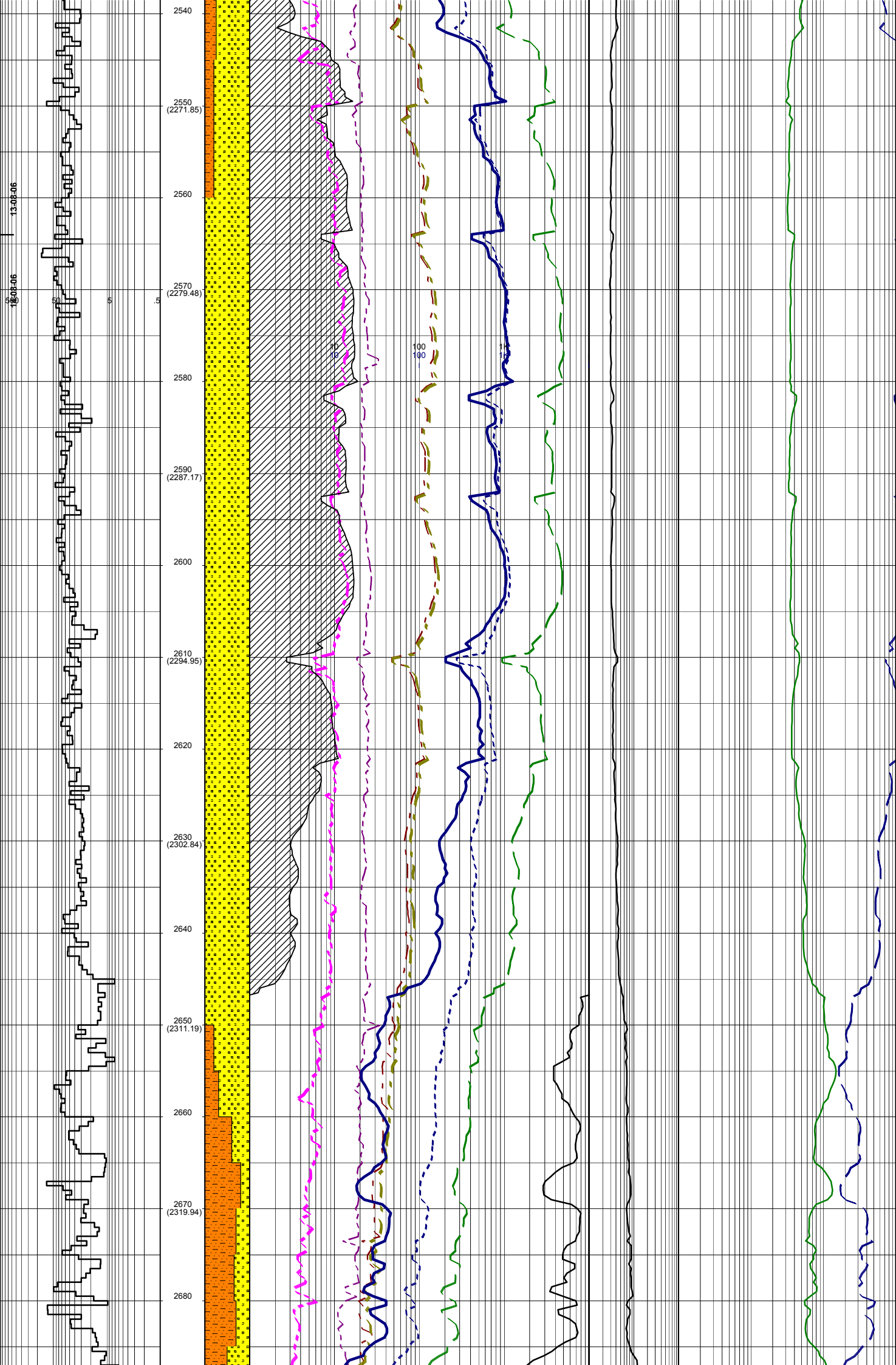
GENERAL DATA	LOCATION DATA	CASING	FINAL WELL DATA
Client : NEXUS ENERGY	Latitude : 38°05'34.63"S	762mm (30") Shoe: 110.8m	Total Depth (mMDRT): m
Country : AUSTRALIA	Longitude : 148°18'41.52"E	340mm (13 3/8") Shoe: 995.32m	TVD SS (m): m
Permit : VIC/P54			Date Well Spudded : 02-08-2006
Basin : GIPPSLAND			Date TD Reached : XX-XX-2006
Well Type : APPRAISAL	RT - MSL (m): 21.5		Final Status : ??
Rig Name : OCEAN PATRIOT	Water Depth (m): 56.7		

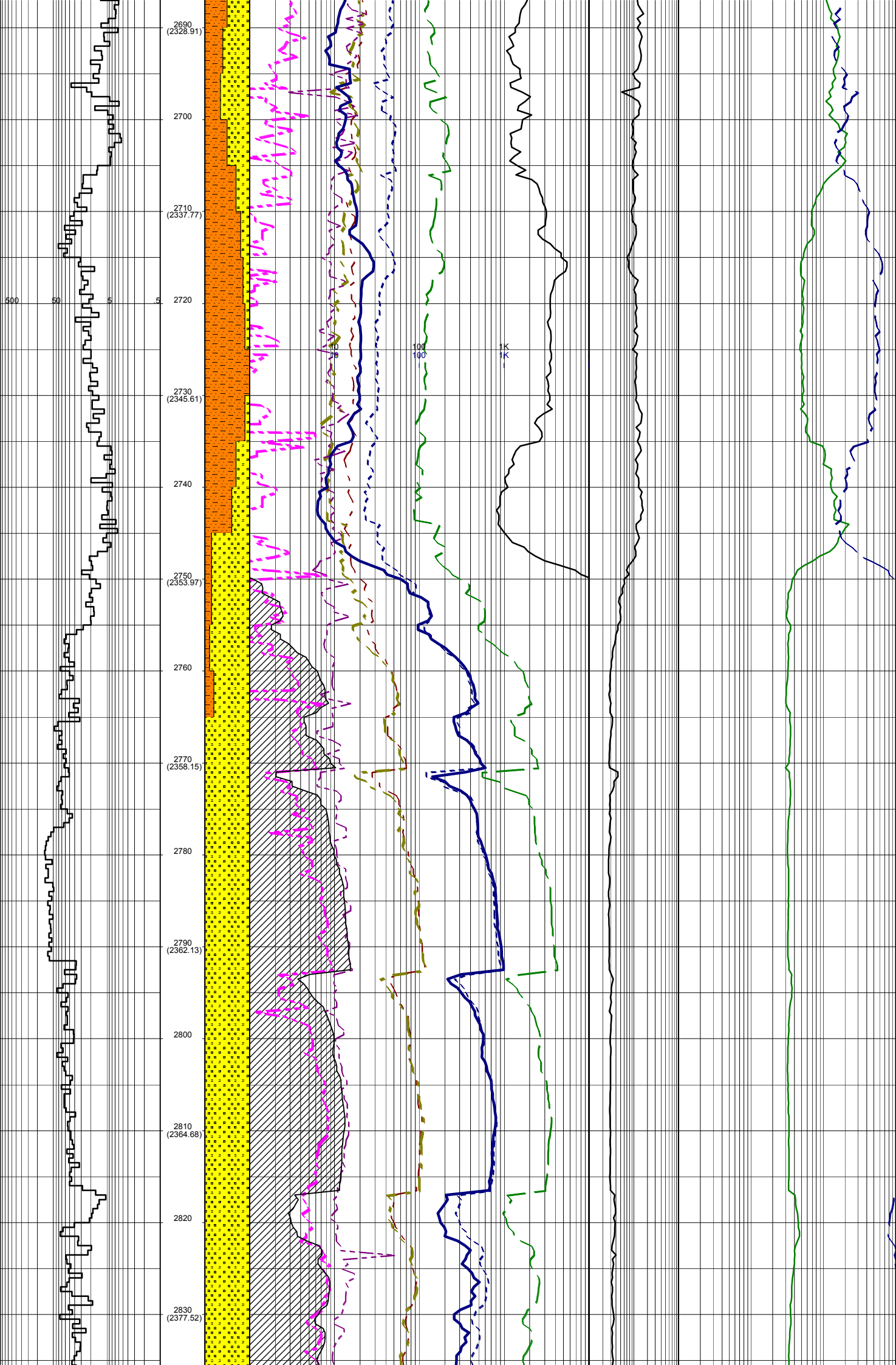
GAS RATIOS FORMULAE	LITHOLOGY LEGEND	GEOSERVICES CREW																																																
<p><b>GAS WETNESS RATIO (Wh)</b></p> $GWR = (C2 + C3 + C4 + C5) / (C1 + C2 + C3 + C4 + C5) * 100$ <p><b>LIGHT TO HEAVY RATIO (Bh)</b></p> $LHR = (C1 + C2) / (C3 + C4 + C5)$ <p><b>OIL CHARACTER QUALIFIER (Ch)</b></p> $OCQ = (C4 + C5) / (C3)$	<p><b>LITHOLOGY LEGEND</b></p> <table border="0"> <tr> <td></td> <td>Claystone</td> <td></td> <td>Limestone</td> <td></td> <td>Sponges</td> </tr> <tr> <td></td> <td>Siltstone</td> <td></td> <td>Dolomite</td> <td></td> <td>Brachiopoda</td> </tr> <tr> <td></td> <td>Shale</td> <td></td> <td>Coal</td> <td></td> <td>Cement</td> </tr> <tr> <td></td> <td>Fine SST</td> <td></td> <td>Arg. SST</td> <td></td> <td>Glauconite</td> </tr> <tr> <td></td> <td>Medium SST</td> <td></td> <td>Lithic Fragment</td> <td></td> <td>Pyrite</td> </tr> <tr> <td></td> <td>Coarse SST</td> <td></td> <td>Foraminifera</td> <td></td> <td>Iron Minerals</td> </tr> <tr> <td></td> <td>Marl</td> <td></td> <td>Fossils</td> <td></td> <td>Mica</td> </tr> <tr> <td></td> <td>Clay, Limestone</td> <td></td> <td>Bryozoa</td> <td></td> <td>Volcanic</td> </tr> </table> <p>1 unit = 200 ppm methane equivalent in air</p>		Claystone		Limestone		Sponges		Siltstone		Dolomite		Brachiopoda		Shale		Coal		Cement		Fine SST		Arg. SST		Glauconite		Medium SST		Lithic Fragment		Pyrite		Coarse SST		Foraminifera		Iron Minerals		Marl		Fossils		Mica		Clay, Limestone		Bryozoa		Volcanic	<p><b>ALS ENGINEERS</b></p> <p>T. N. KYAW A. DUNN D. ADDERLEY P. RADY</p> <p><b>MUDLOGGERS</b></p> <p>178mm(7")</p>
	Claystone		Limestone		Sponges																																													
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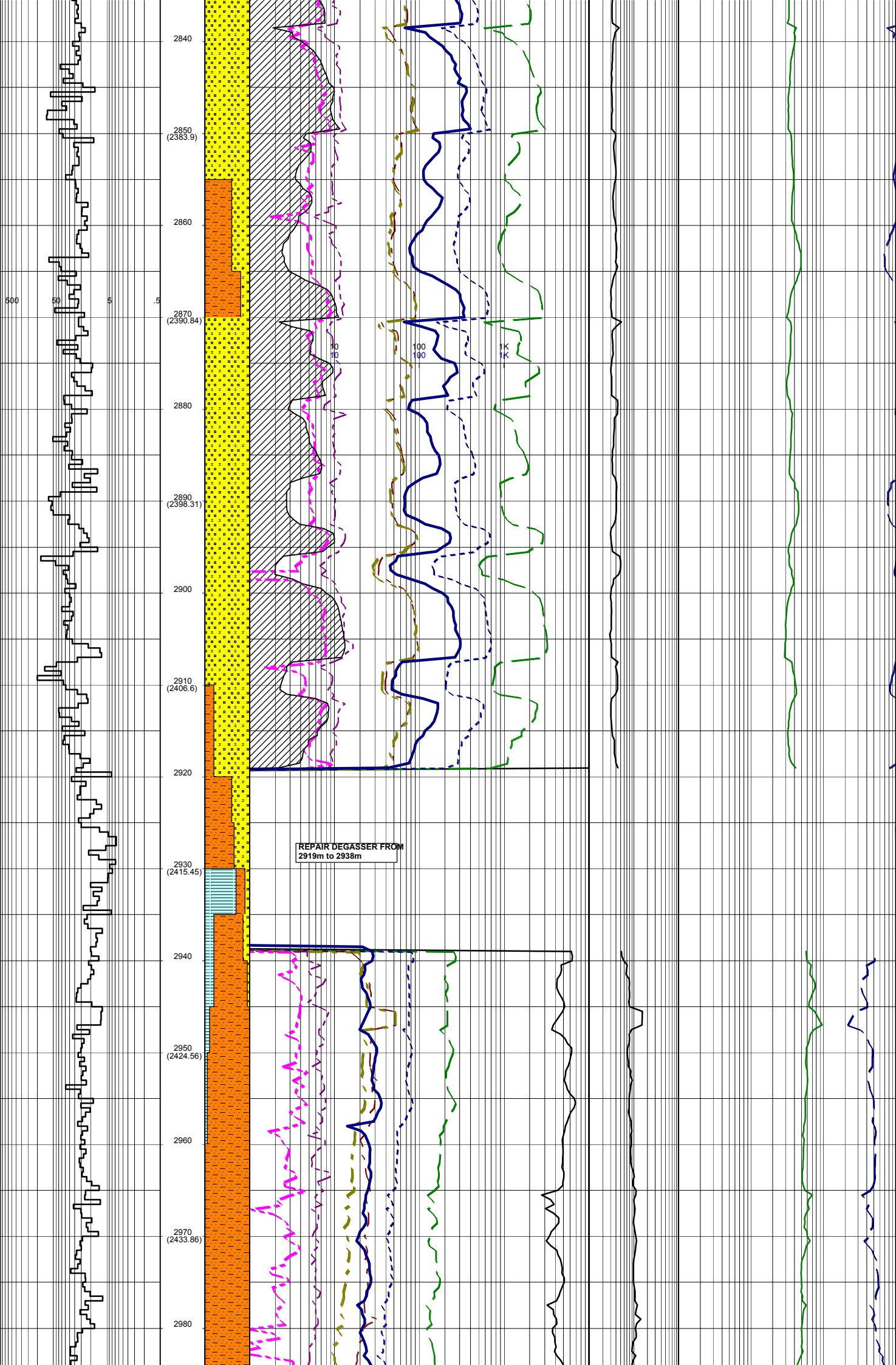


BH #11: SMITH M716PXC  
SIZE: 241mm (9.5")  
JETS: 7x20  
MD IN:2384m OUT:XXXXm  
TVD IN:2191.0m OUT:XXXX.Xm  
RUN:XXXm HRS:XX.X  
COND:







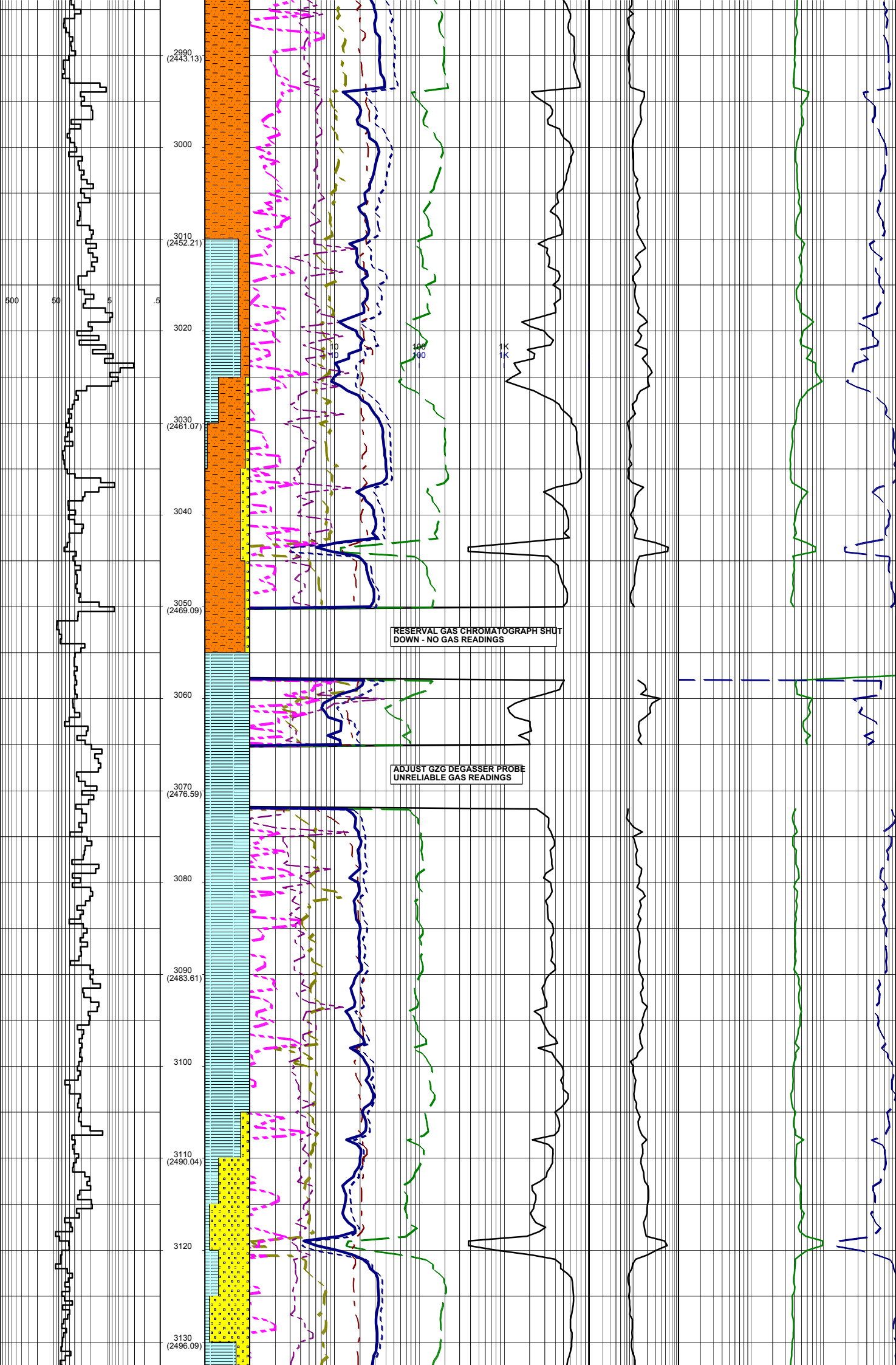


2840  
2850 (2383.9)  
2860  
2870 (2390.64)  
2880  
2890 (2398.31)  
2900  
2910 (2406.6)  
2920  
2930 (2415.45)  
2940  
2950 (2424.56)  
2960  
2970 (2433.86)  
2980

REPAIR DEGASSER FROM  
2919m to 2938m

500  
50  
5  
.5

100  
100  
K  
K



2990  
(2443.13)

3000

3010  
(2452.21)

3020

3030  
(2461.07)

3040

3050  
(2469.09)

RESERVAL GAS CHROMATOGRAPH SHUT  
DOWN - NO GAS READINGS

3060

ADJUST GZG DEGASSER PROBE  
UNRELIABLE GAS READINGS

3070  
(2476.59)

3080

3090  
(2483.61)

3100

3110  
(2490.04)

3120

3130  
(2496.09)

500  
50  
5

