



DRILLING LOG



FROM : (mt) 120 TO : (mt) 2880 SCALE : 1/ 1000

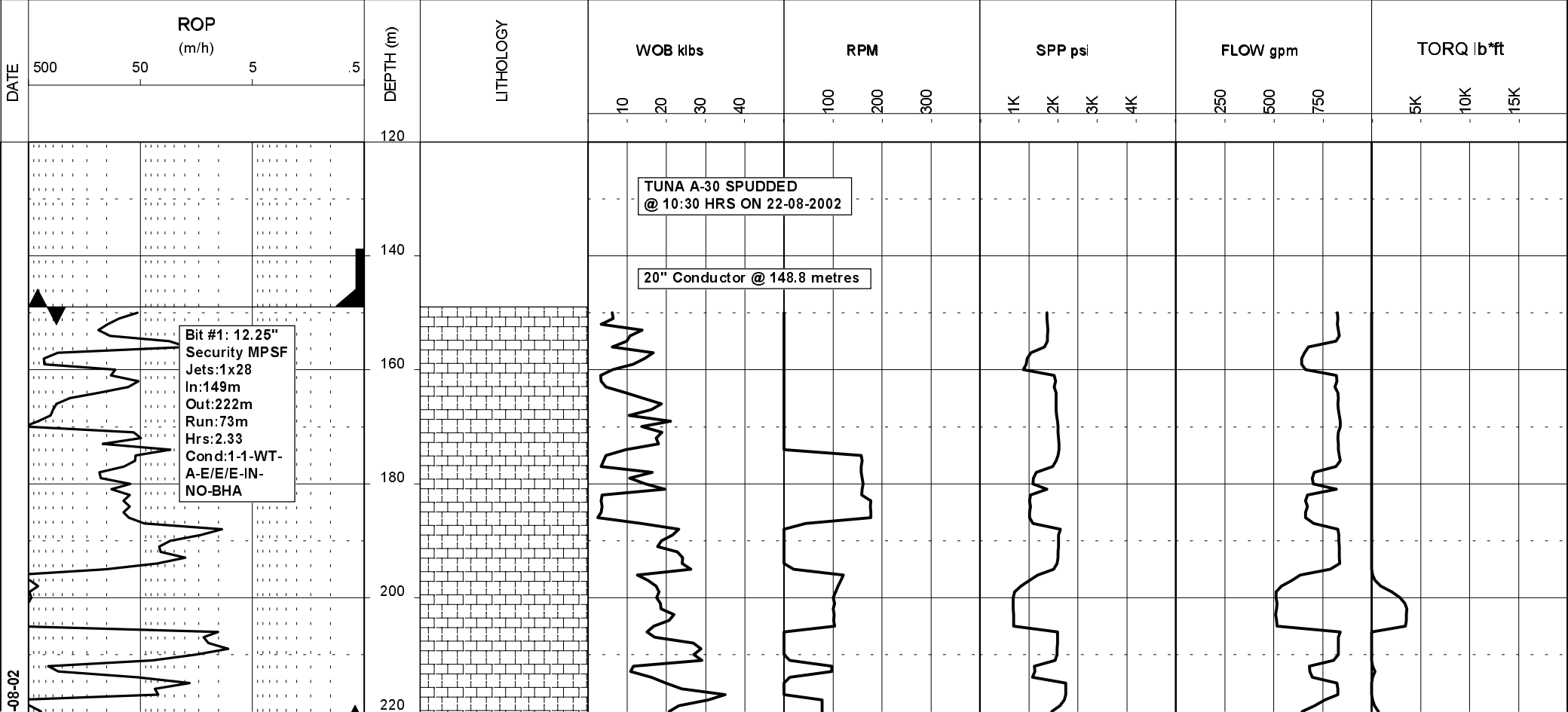
Well Name : TUNA A-30  
Company : ESSO AUSTRALIA

Country : Australia

RT-MSL : 31.32 m  
RT-SEABED : 90.72 m

Final TD : 2862 m  
Final TVD : 1477.67 m

Generated by ALS Package





MW:9.40  
FV:40MW:9.50  
FV:42

MW:9.60  
FV:43

MW:9.60  
FV:44

Bit #3: 8.5"  
HTC MX-20D  
Jets:3x22  
In:838m  
Out:843m  
Run:5m  
Hrs:0.69  
Cond:1-2-WT  
-A-E/E/E-  
IN-BT-BHA

9-5/8" Casing Shoe @ 832.1 m

[illegible]

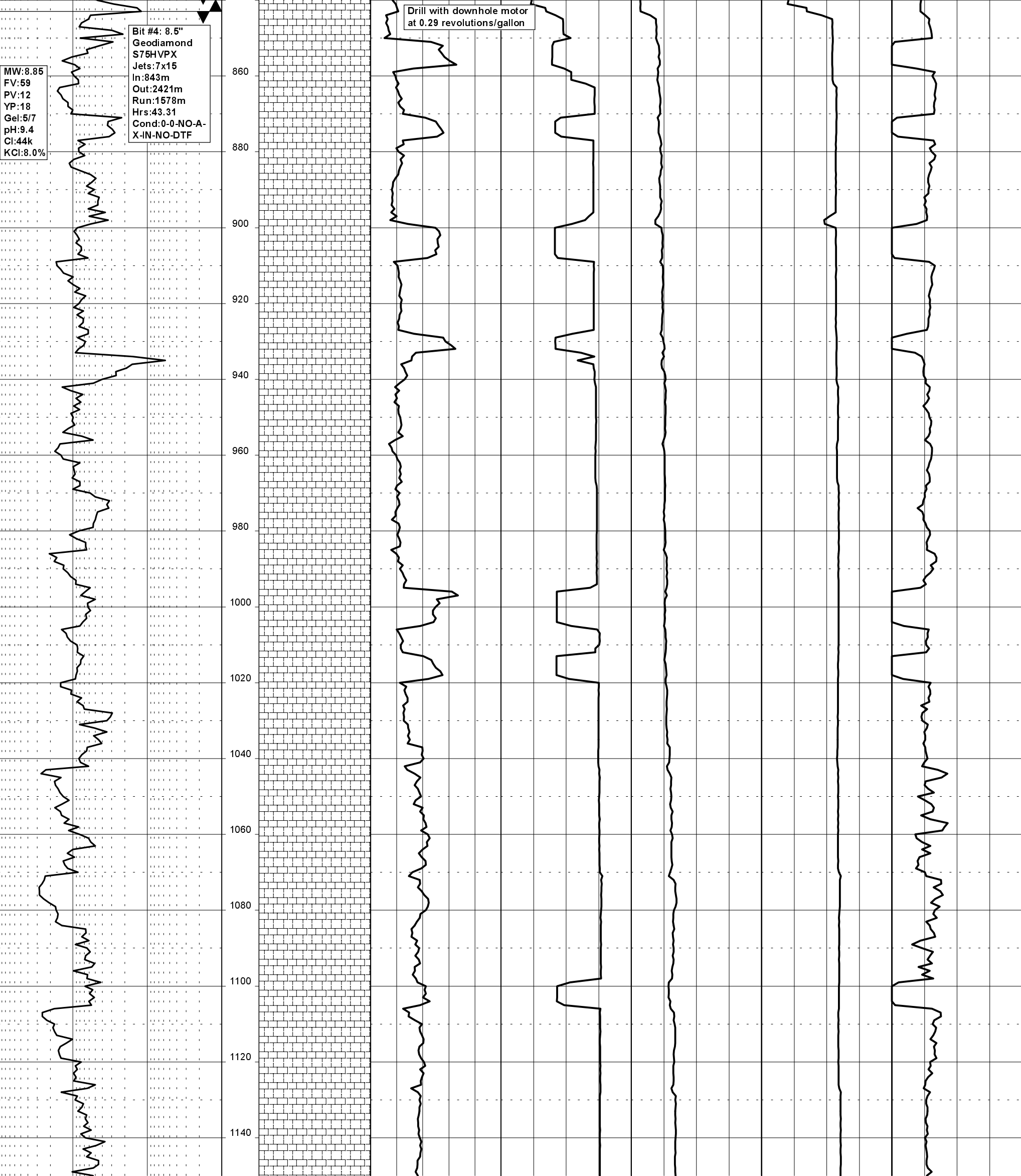
P.I.T. @ 832.1m: EMW = 13.0 ppg
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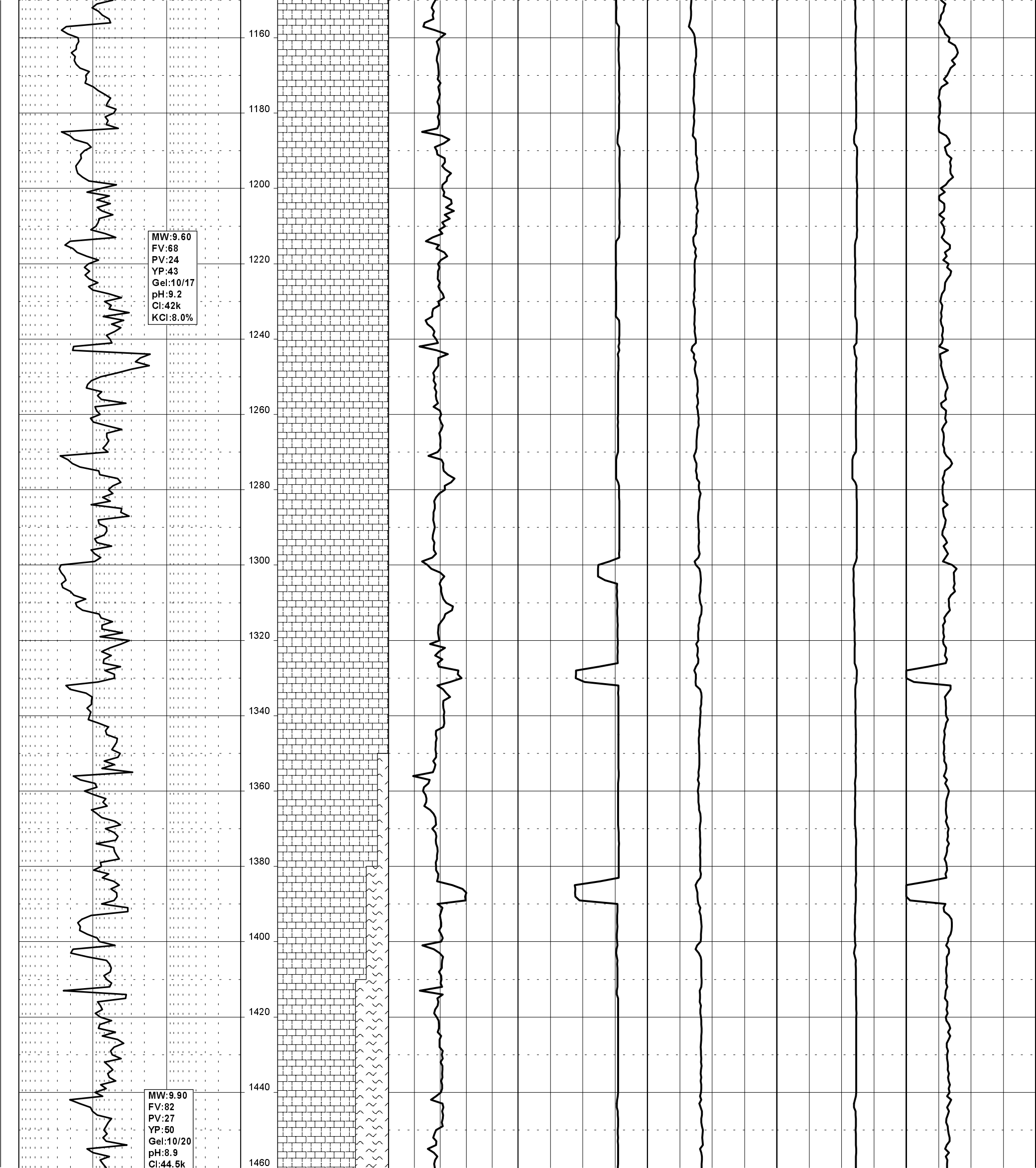
[illegible]

MW:8.85  
FV:59  
PV:12  
YP:18  
Gel:5/7  
pH:9.4  
Cl:44k  
KCl:8.0%

Bit #4: 8.5"  
Geodiamond  
S75HVPX  
Jets:7x15  
Out:2421m  
Run:1578m  
Hrs:43.31  
Cond:0-0-NO-A-  
X-IN-NO-DTF

Drill with downhole motor  
at 0.29 revolutions/gallon

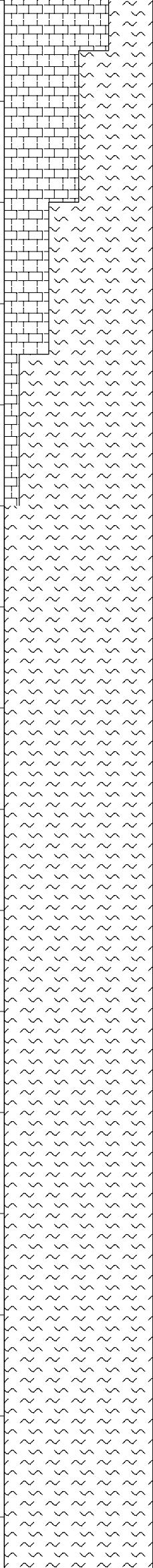




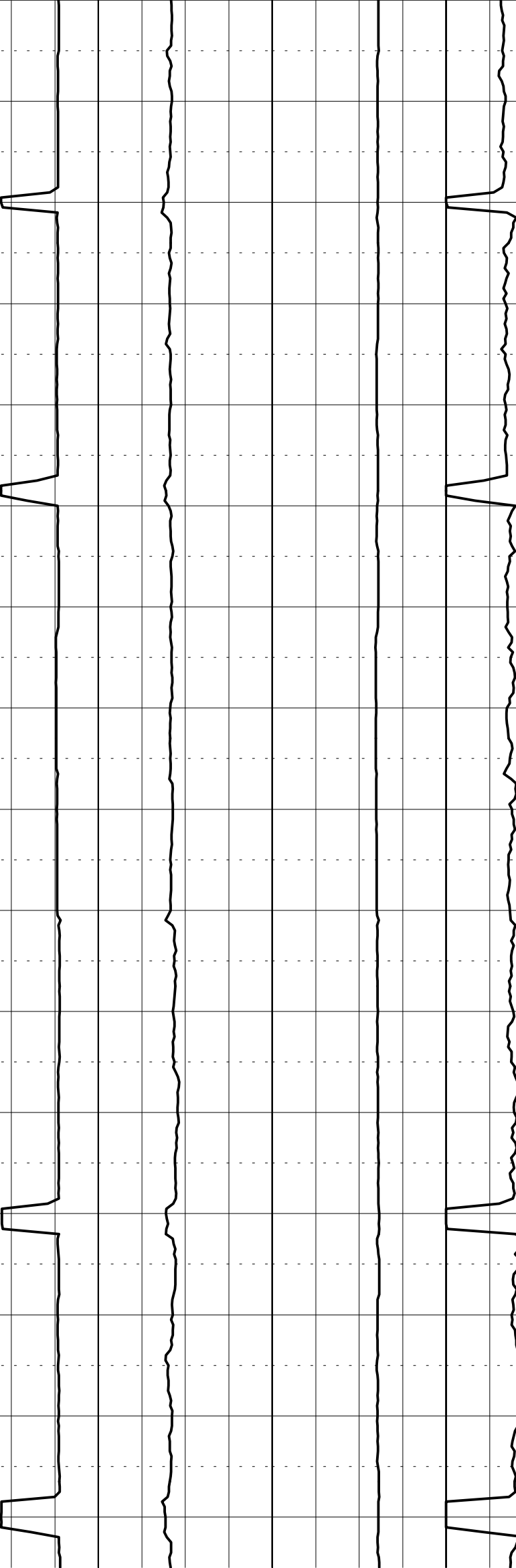
KCl:8.0%

MW:10.00  
FV:82  
PV:25  
YP:45  
Gel:10/21  
pH:9.0  
Cl:44.0k  
KCl:8.0%

1480  
1500  
1520  
1540  
1560  
1580  
1600  
1620  
1640  
1660  
1680  
1700  
1720  
1740  
1760

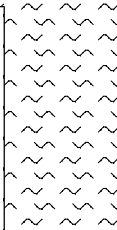


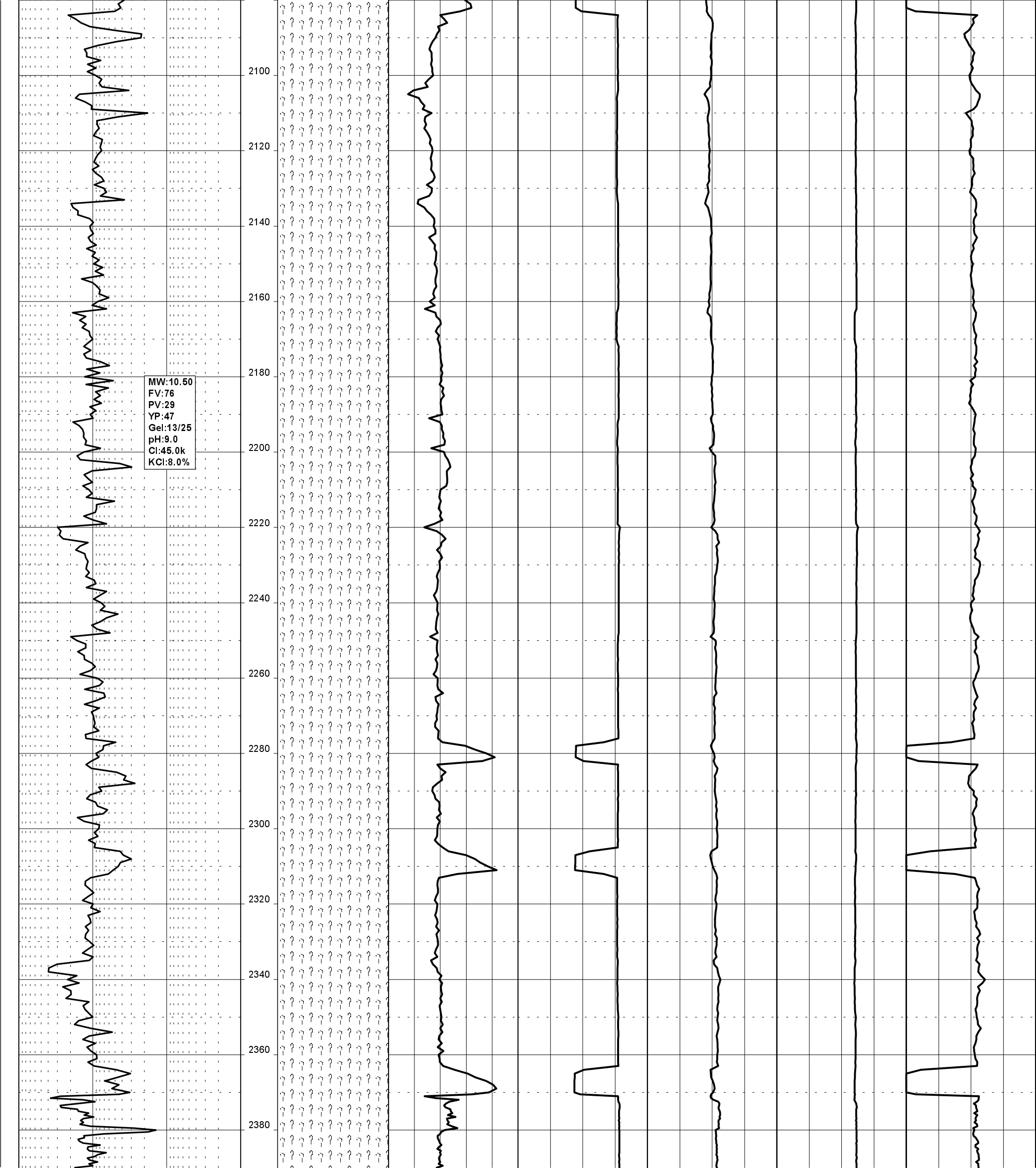
SPP reduction due to  
addition of Premix



MW:10.50  
FV:94  
PV:29  
YP:50  
Gel:15/30  
pH:8.8  
Cl:44.0k  
KCl:8.0%

1780  
1800  
1820  
1840  
1860  
1880  
1900  
1920  
1940  
1960  
1980  
2000  
2020  
2040  
2060  
2080









MW:10.20  
FV:57  
PV:24  
YP:32  
Gel:9/16  
pH:8.9  
Cl:41.5k  
KCl:8.0%

MW:10.10  
FV:58  
PV:23  
YP:33  
Gel:8/18  
pH:8.9  
Cl:39.5k  
KCl:7.5%

7" Production Casing Set @ 2851.3 m

TUNA A-30 REACHED TD  
@ 20:15 HRS ON 02-09-2002  
DRILLERS TD: 2862mMDRT (1477.67mTVDRT)