



DRILLING PARAMETERS LOG

15/6-11 S Dougal



FROM (m) : 130

TO (m) : 4045

SCALE : 1/ 1000

WELL: 15/6-11 S

OPERATOR : STATOIL
COUNTRY : NORWAY
BLOCK : 15/6
RIG : OCEAN VANGUARD
SPUDDER DATE: 27/10/10
DATE TD :12/12/2010

COORDINATES (m)

Longitude: 01deg 42' 10.61" E
Longitude: 58deg 34' 08.62" N
UTM X : 6 492 946m
UTM Y : 424 552m
Water Depth: 22m
RT/SEABED: 115.7m
FINAL TD : 4042m
FINAL TVD : 3966.5m

ABBREVIATIONS and UNITS

BGG : Background Gas
FG : Formation Gas
TG : Trip Gas
CG : Pipe Connection Gas
RG : Recycling Gas
POG : Pump Off Gas
SWG : Swabbing gas

WOB : Weight On Bit (t)
RPM : Rotary Speed (rpm)
FLOW : Flow Rate (lpm)
SPP : Pump Pressure (psi)
TRQ : Rotating Torque (klbs*ft)
MW : Mud Weight (sg)
PV : Plastic Viscosity (cP)
FV : Funnel Viscosity (s)

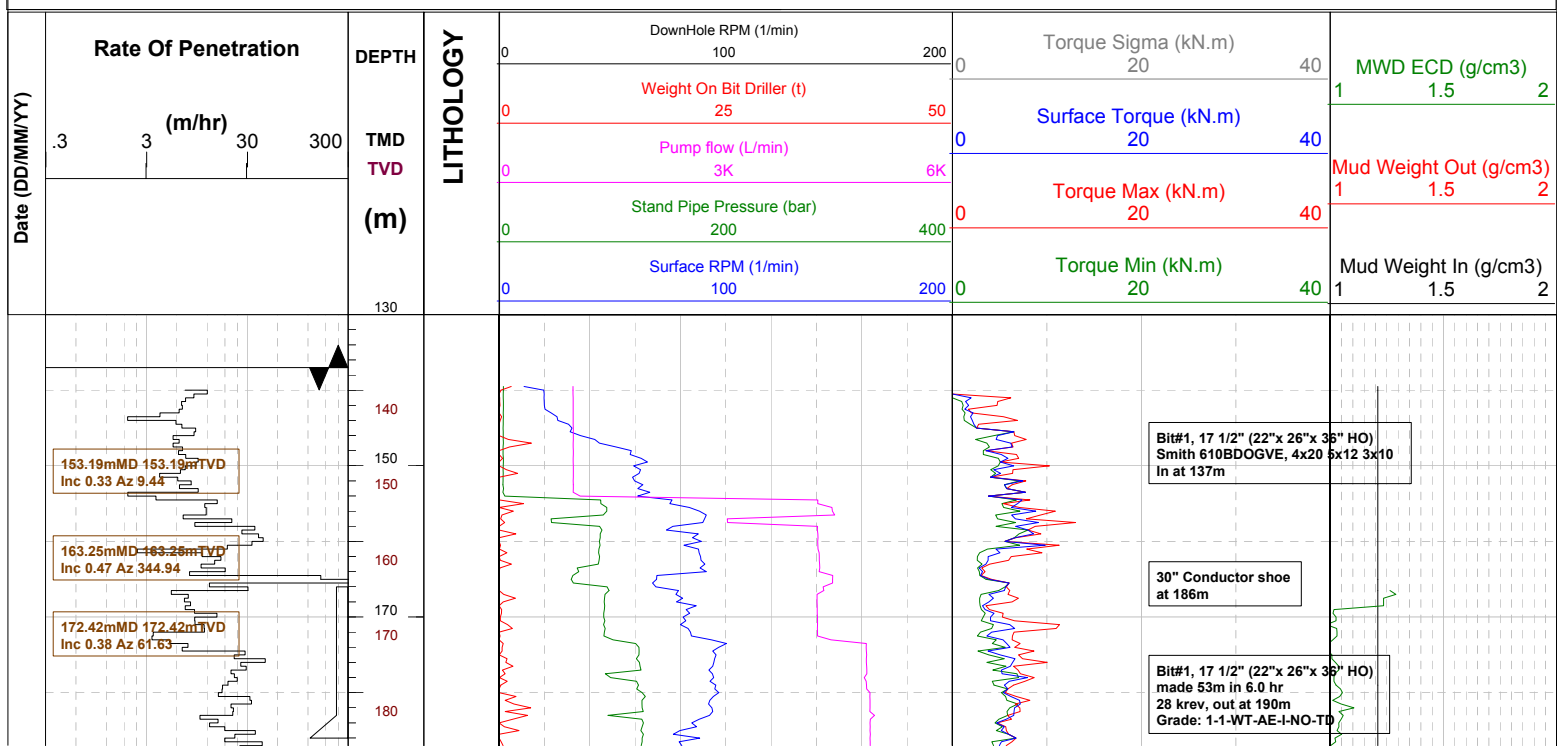
LEGEND

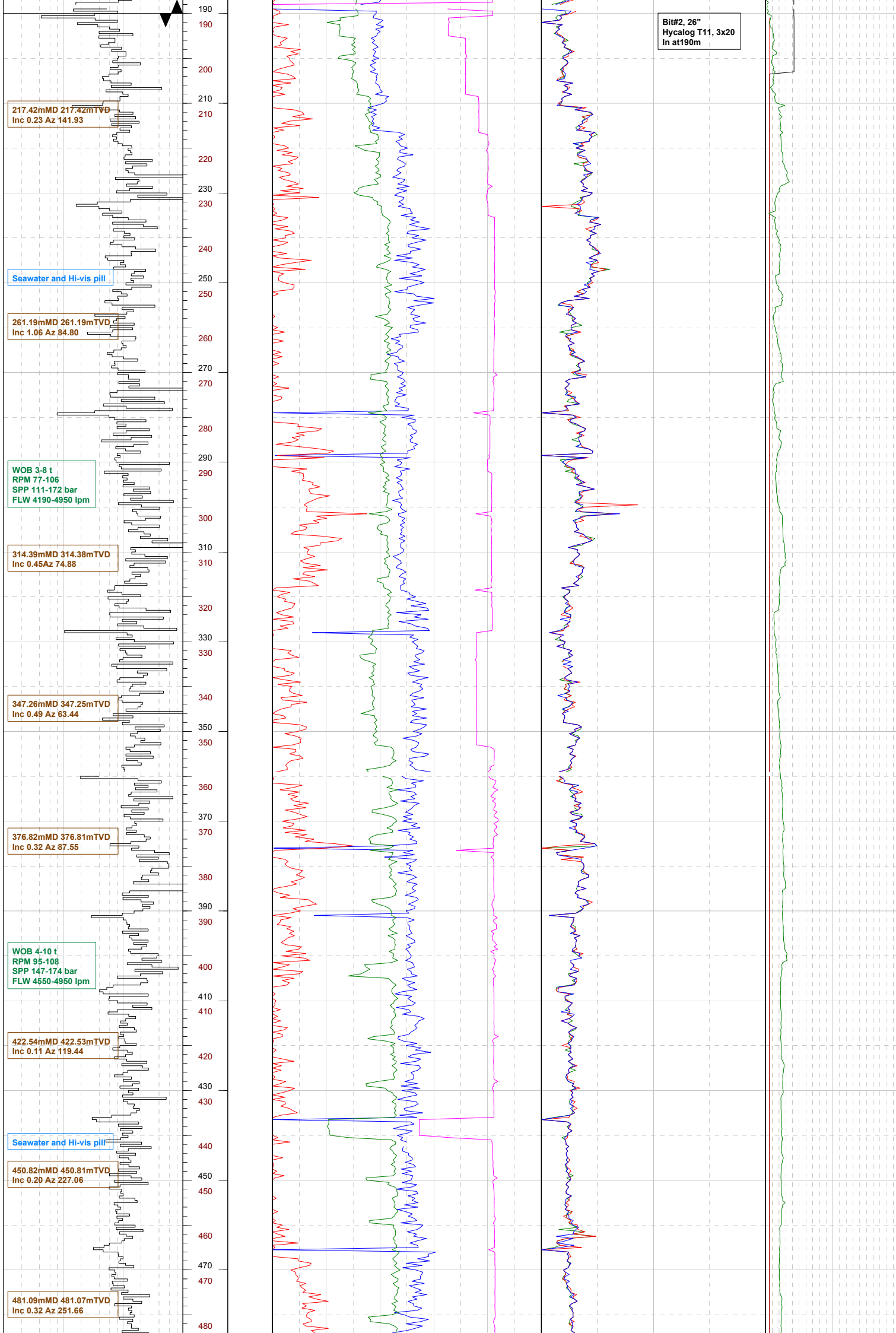
	Clay-shale		Plastic clay-shale		Calcareous clay-shal
	Dolomitic clay-shale		Silty clay-shale		Organic clay-shale
	Siltstone		Fine sandstone		Medium sandstone
	Coarse sandstone		Quartzite		Chert
	Conglomerate		Breccia		Dolomite
	Limestone		Dolomitic limestone		Sandy limestone
	Chalk		Coal-lignite		Core
	Survey		Casing shoe		Casing Top

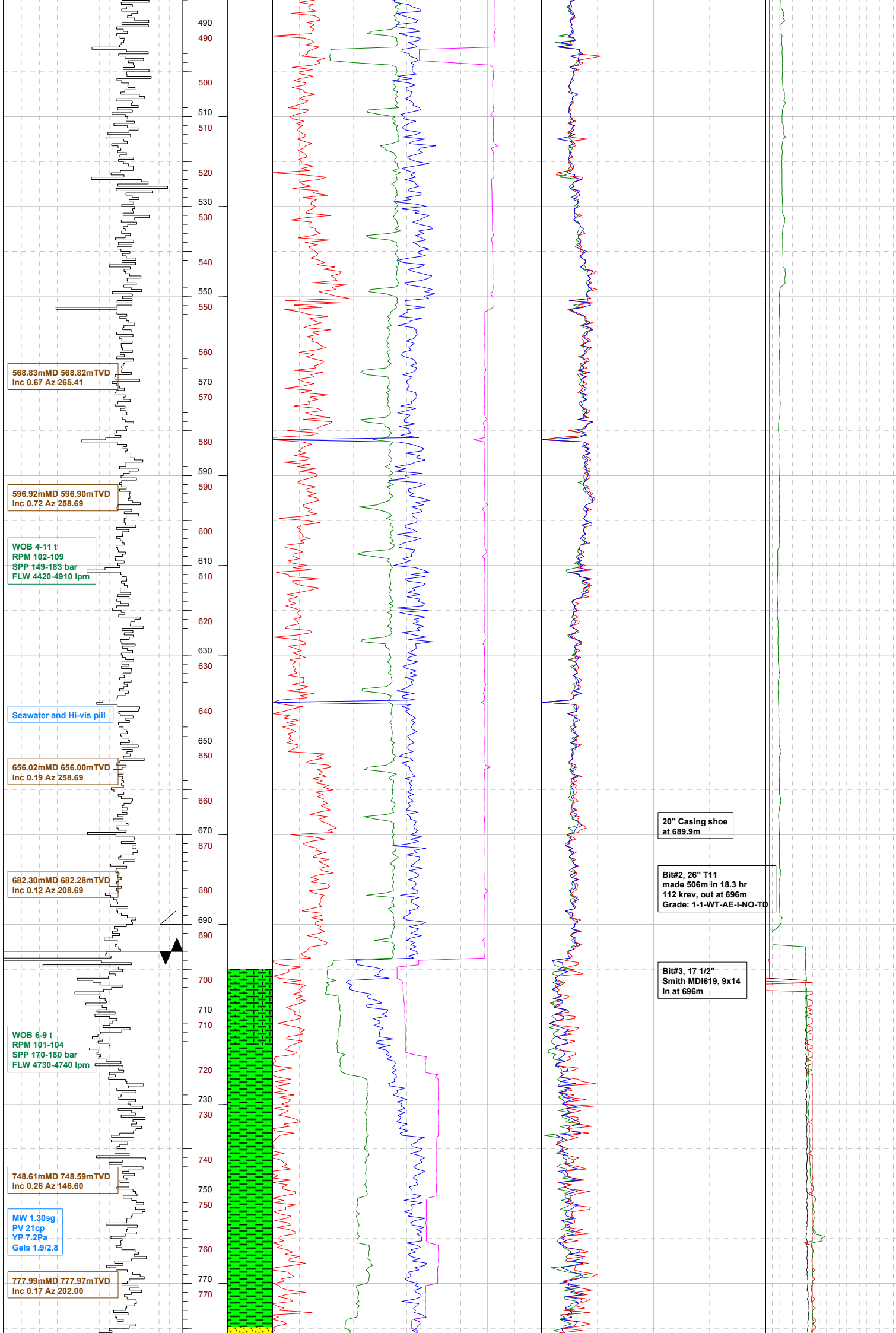
WELL CONFIGURATION

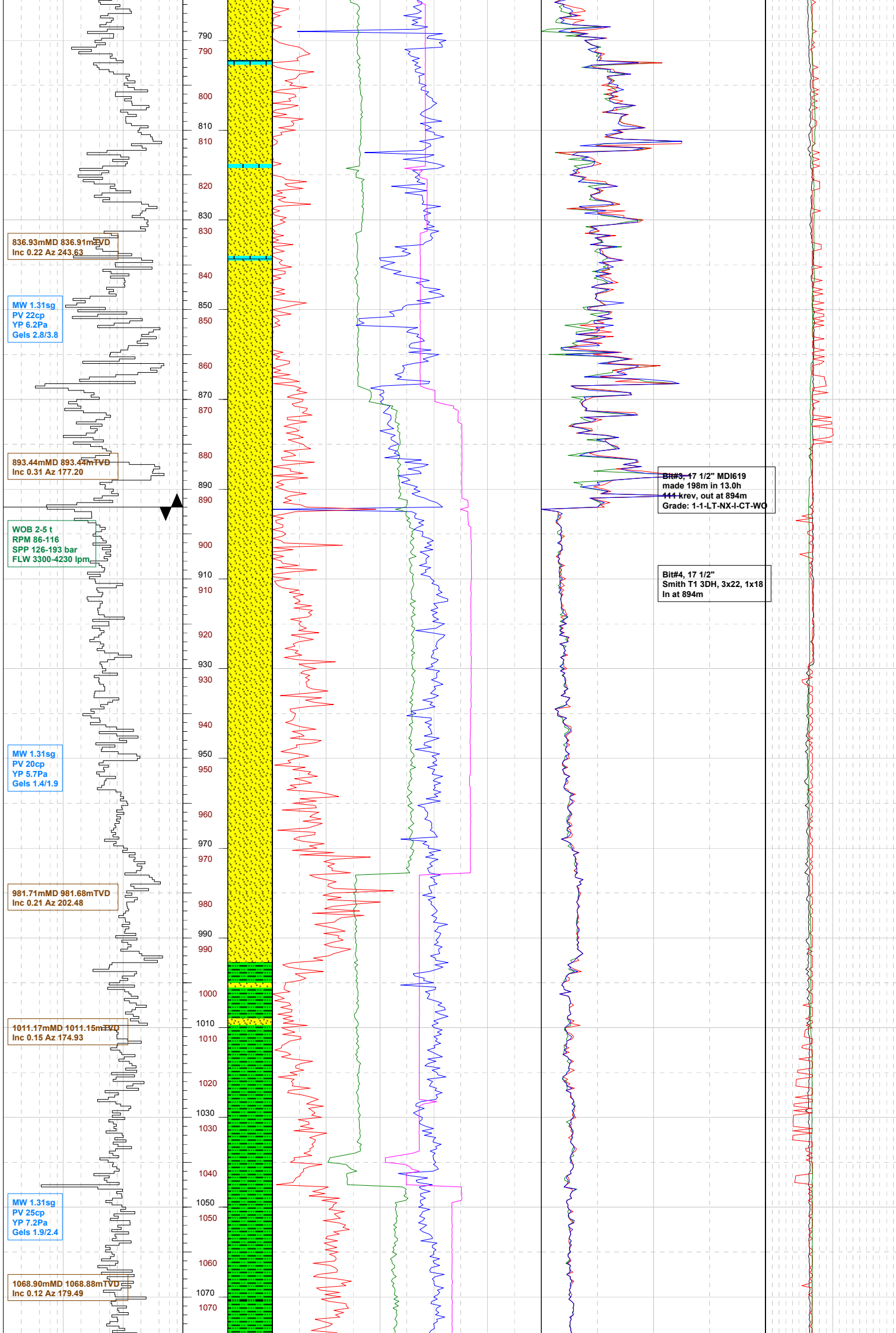
BIT SIZE (in)	HOLE DEPTH (m)	CASING SIZE (in)	SHOE DEPTH (m)
36"	190m	30"	186m
26"	696m	20"	689.9m
17 1/2"	2190m	13 3/8"	2181.5m
12 1/4"	3817m	9 5/8"	3817m
8 1/2"	4042m		

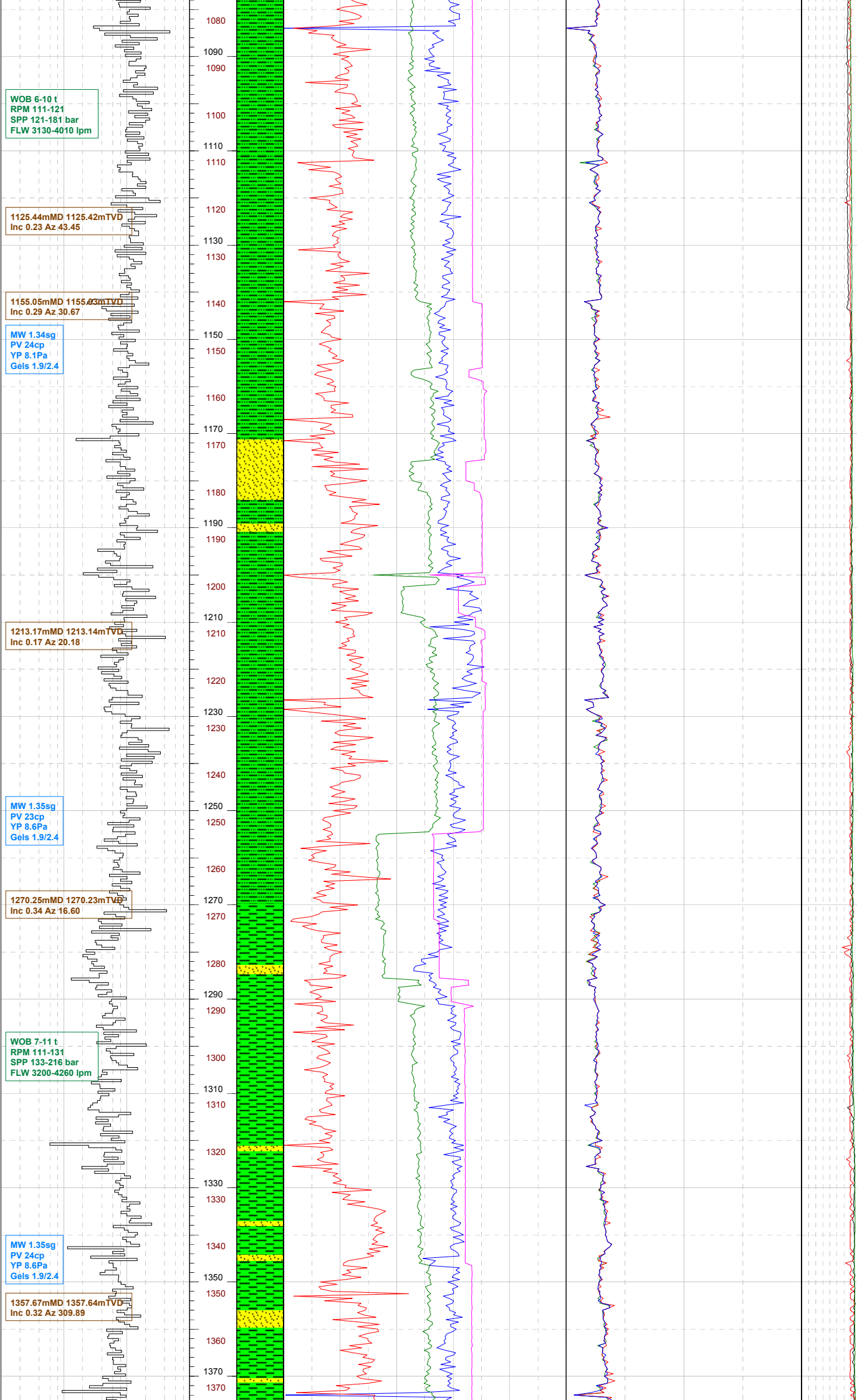
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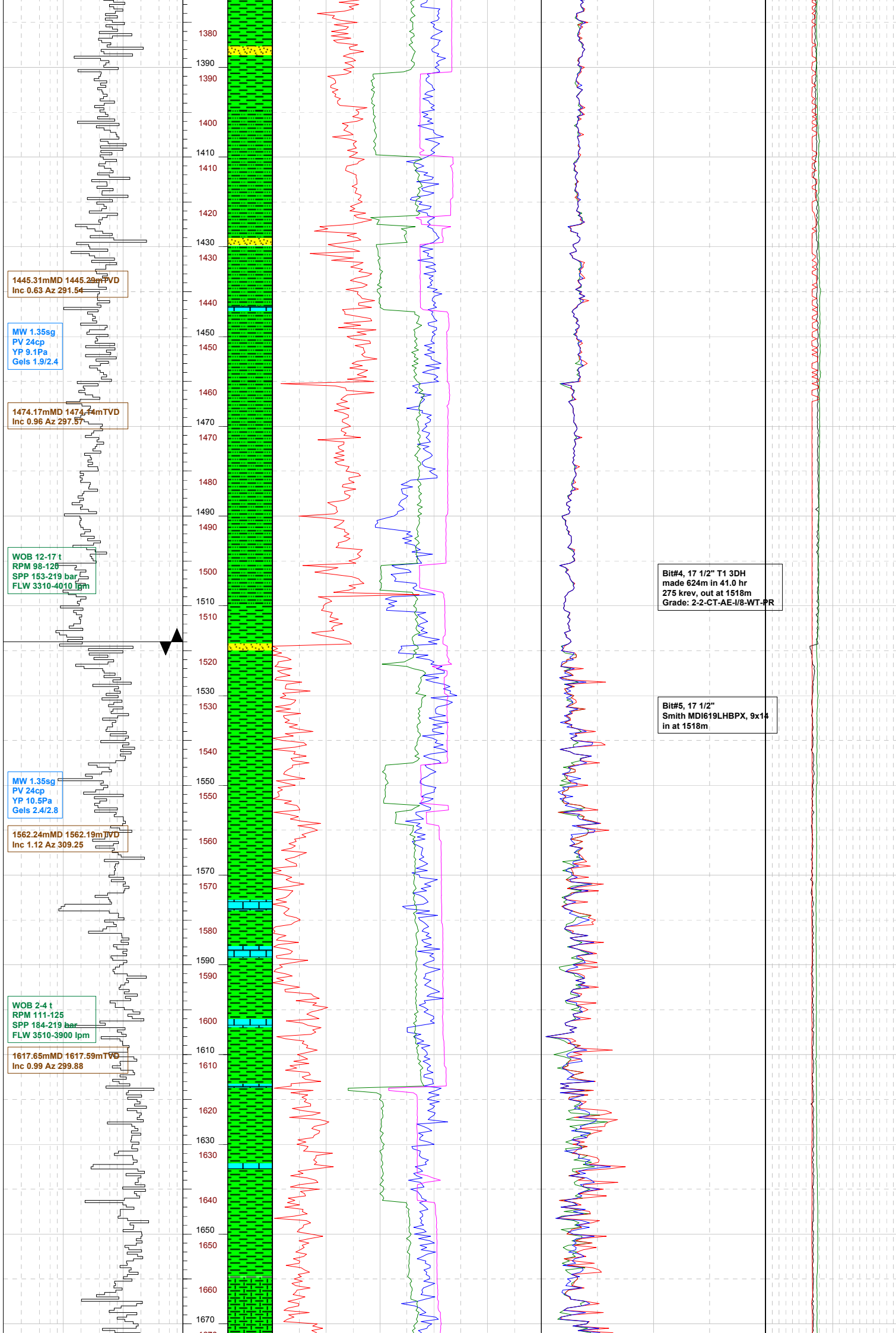


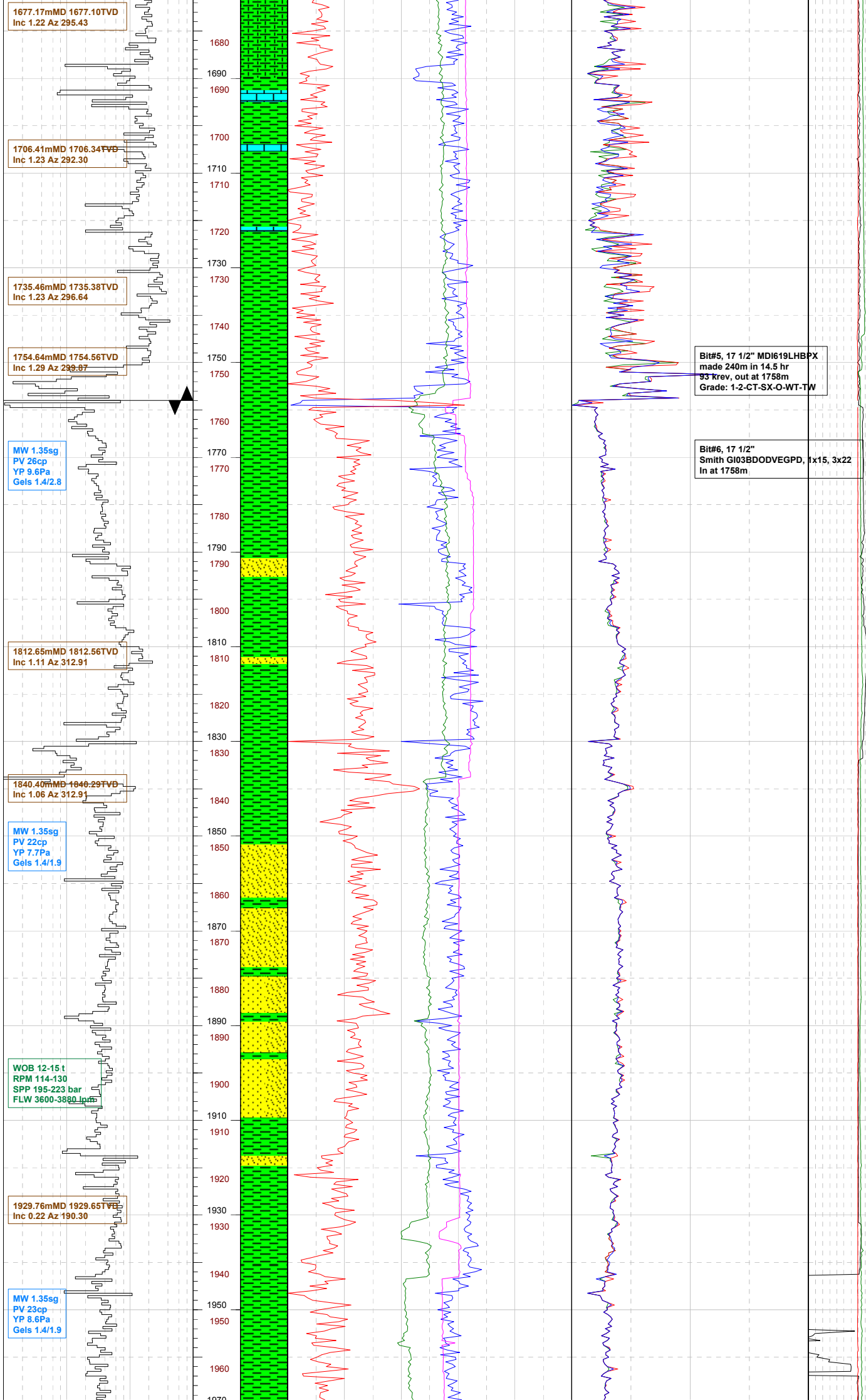


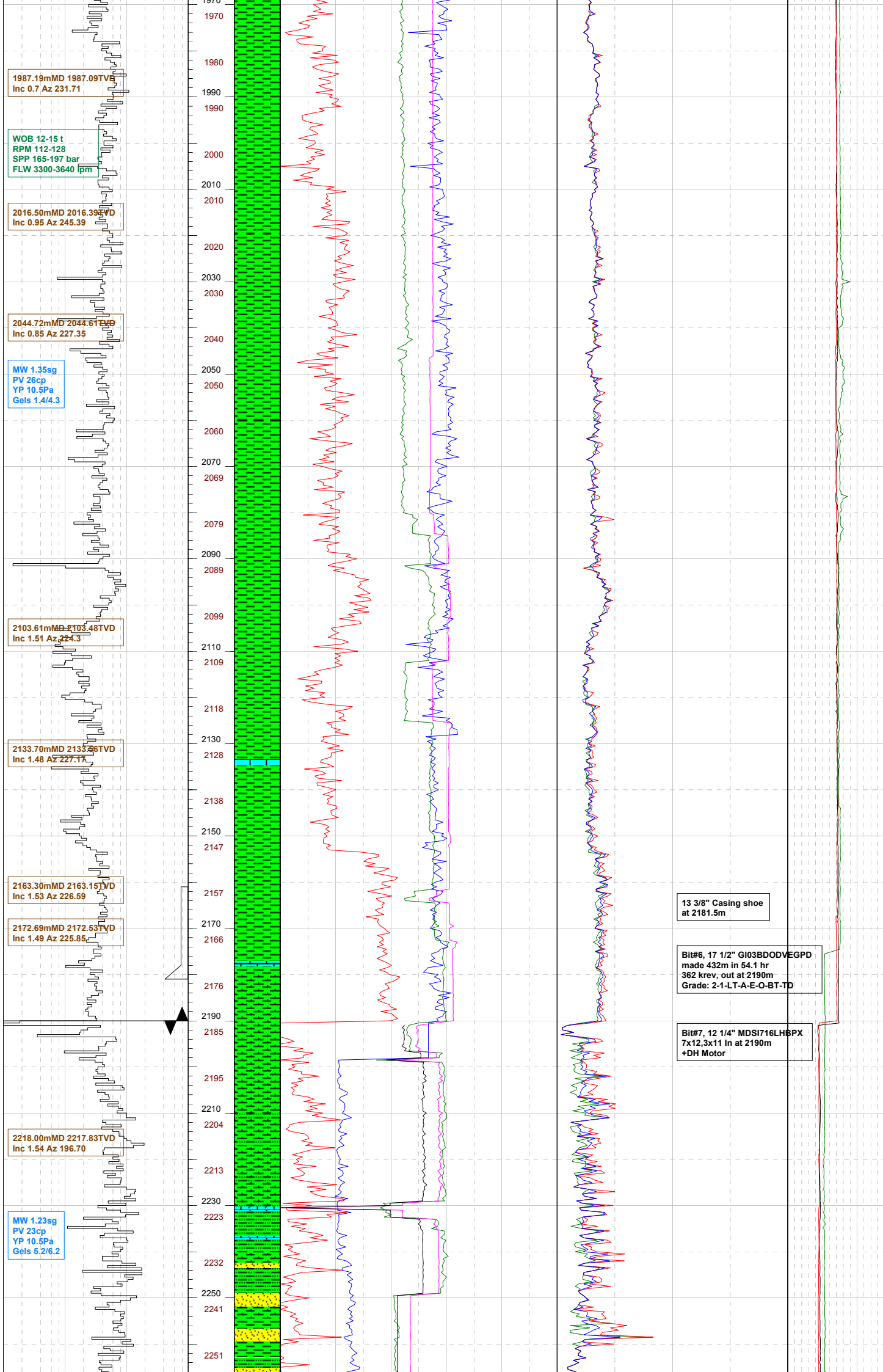


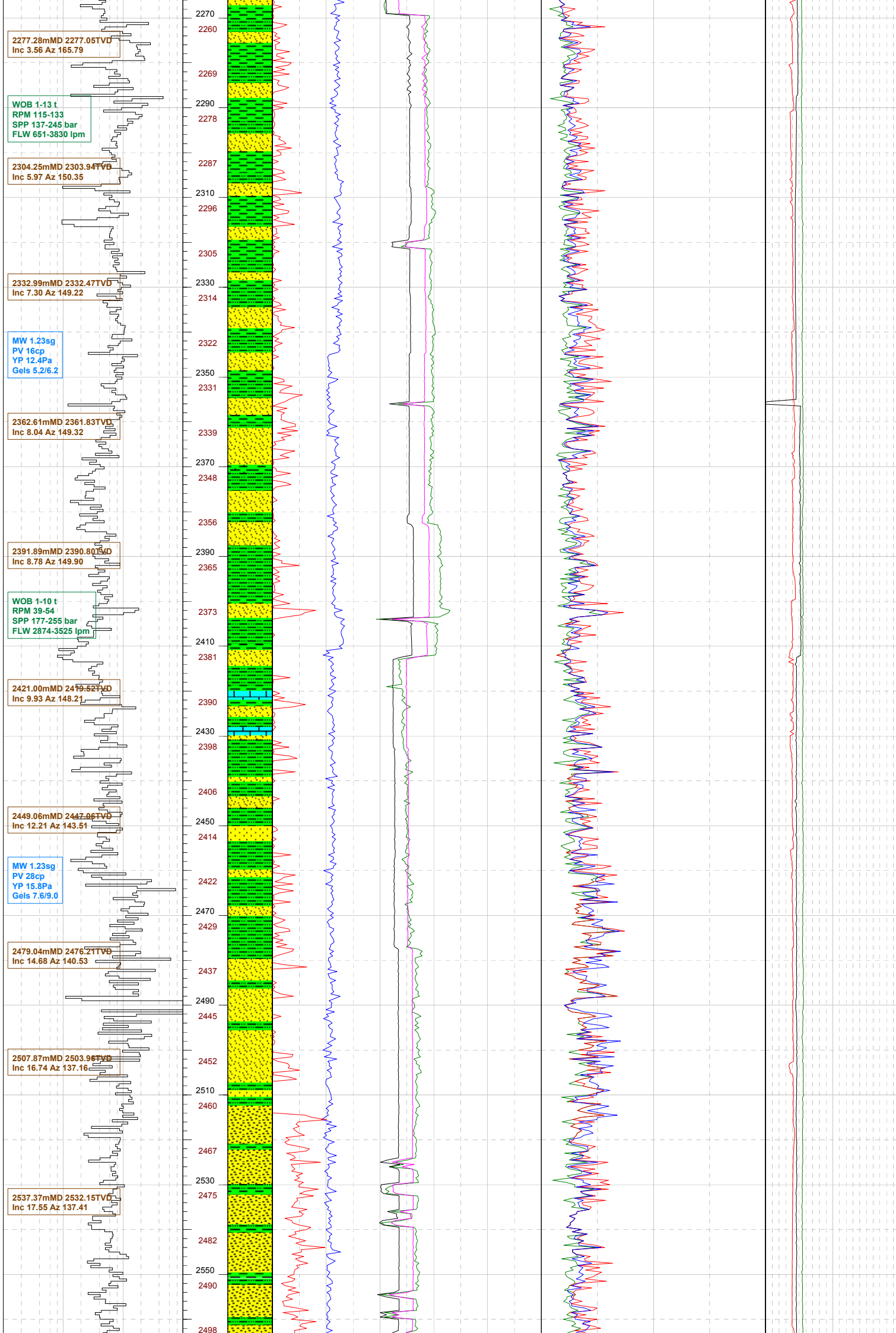


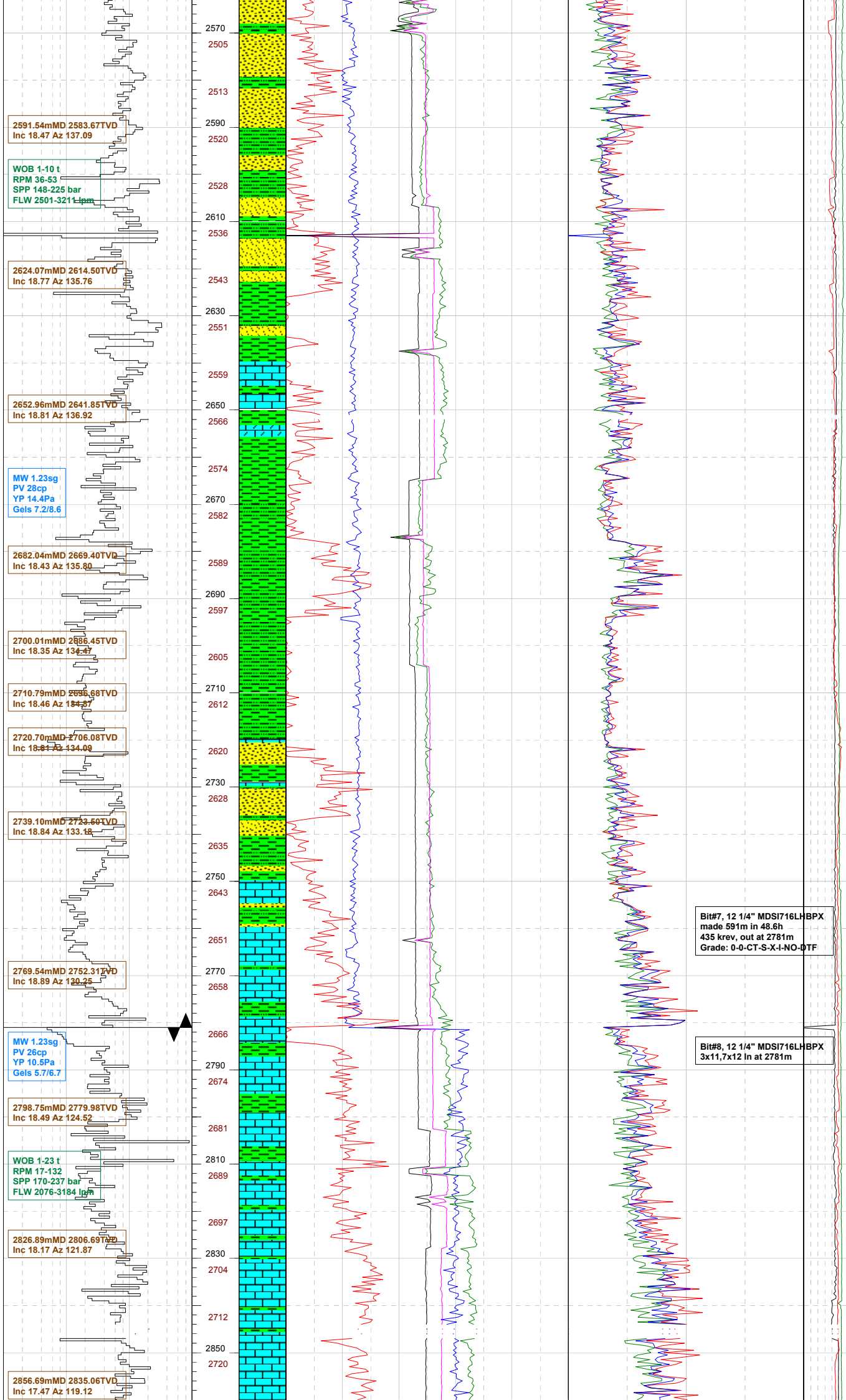


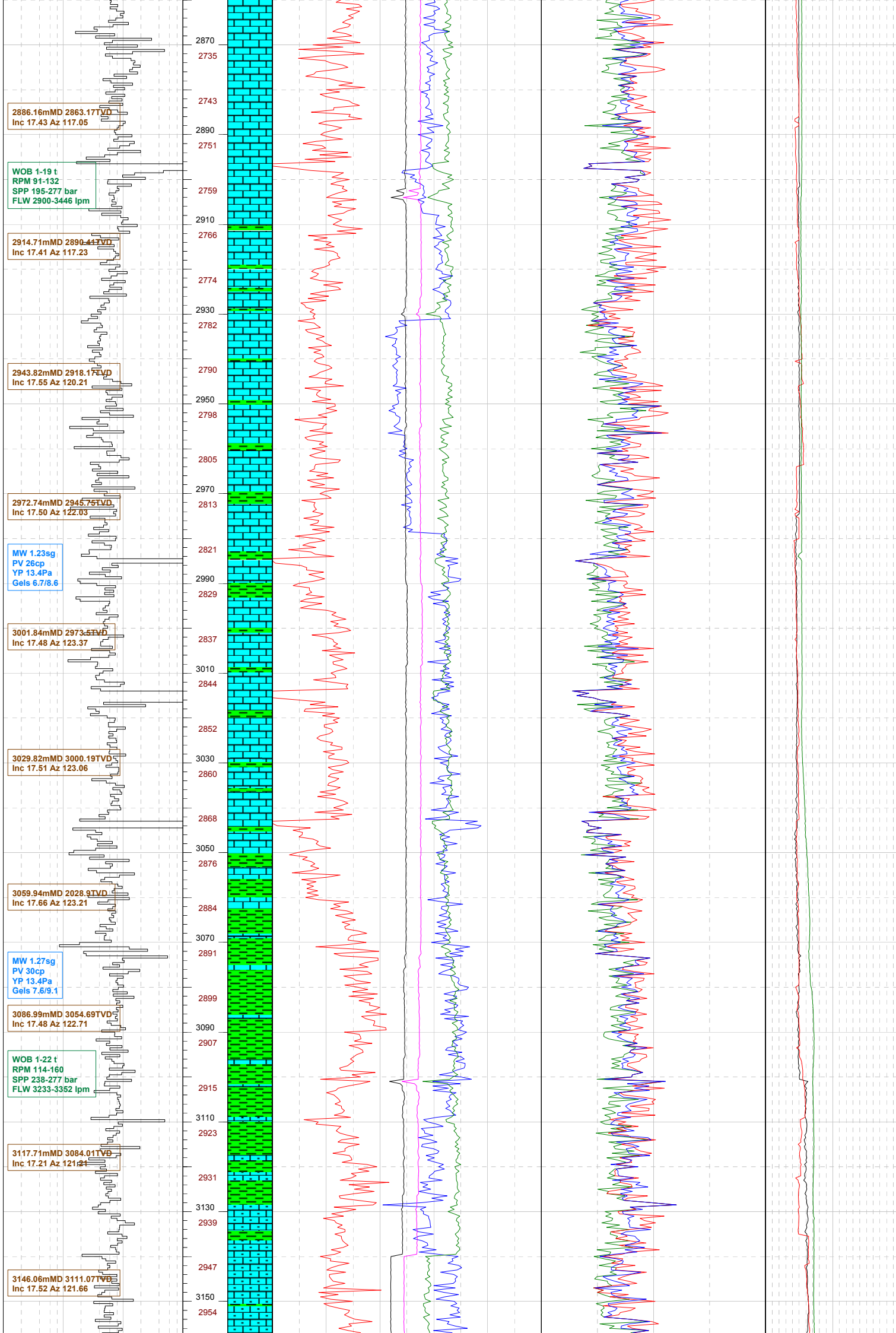


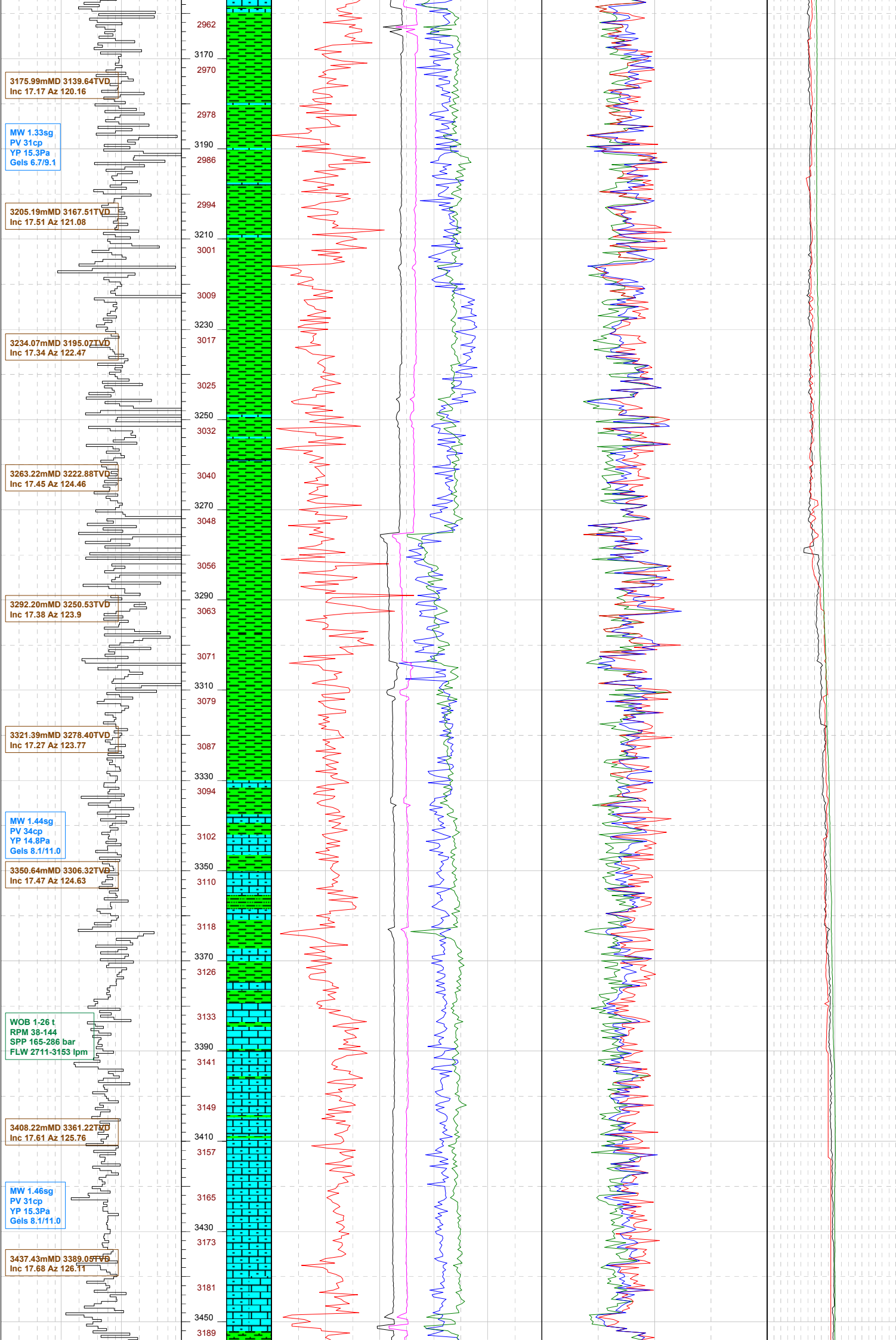


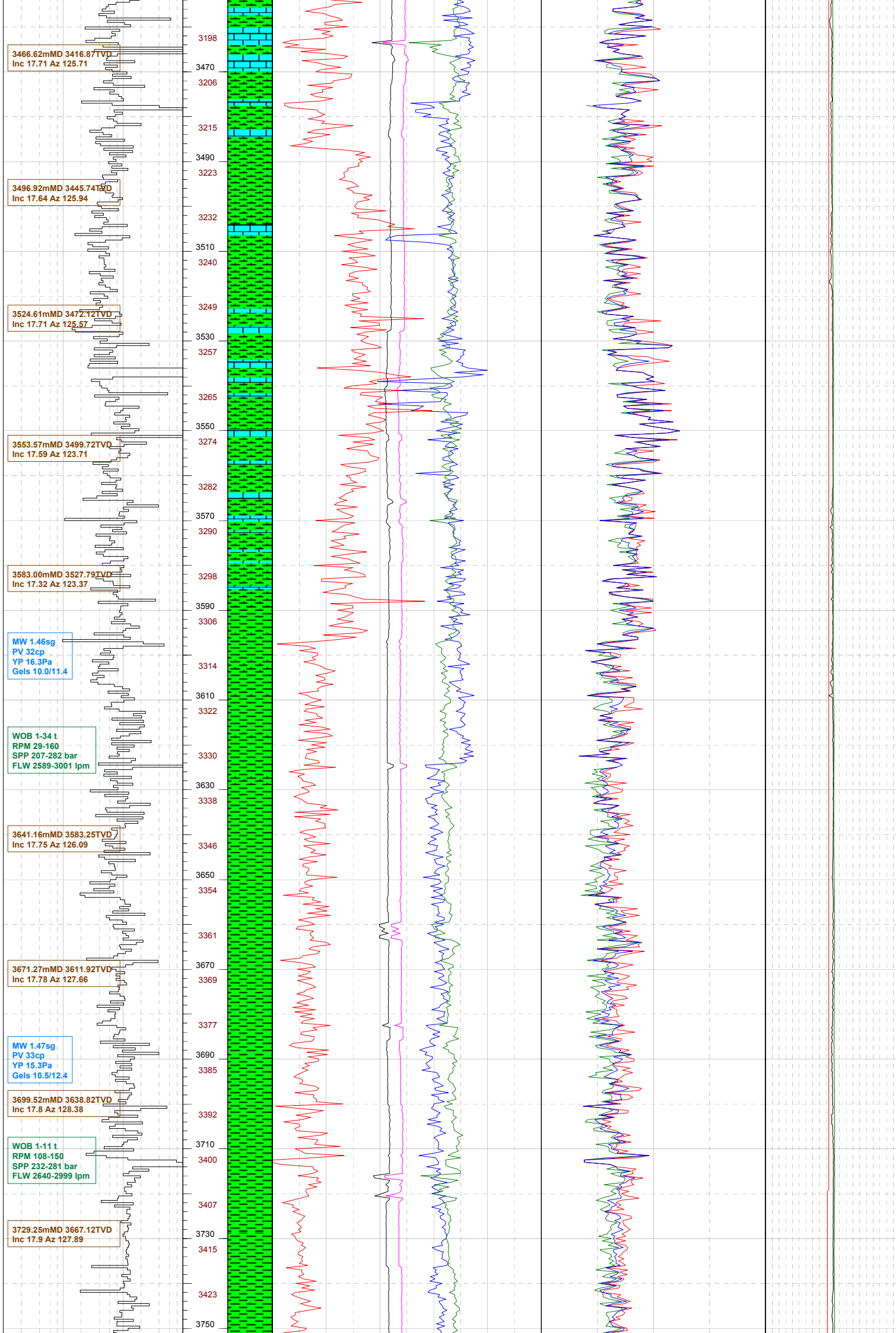


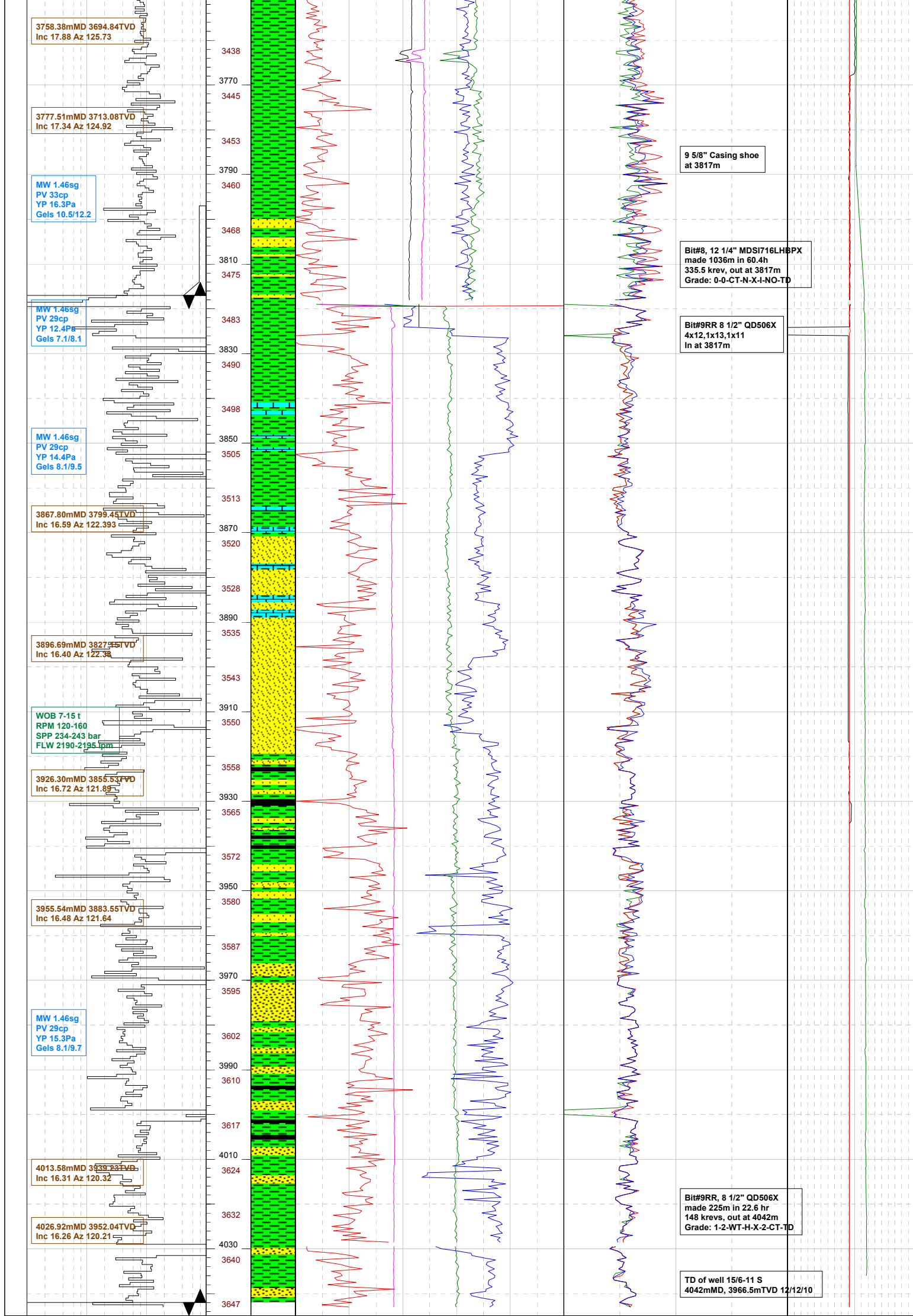












3758.38mMD 3694.84TVD
Inc 17.88 Az 125.73

3777.51mMD 3713.08TVD
Inc 17.34 Az 124.92

MW 1.46sg
PV 33cp
YP 16.3Pa
Gels 10.5/12.2

MW 1.46sg
PV 29cp
YP 12.4Pa
Gels 7.1/8.1

MW 1.46sg
PV 29cp
YP 14.4Pa
Gels 8.1/9.5

3867.80mMD 3799.45TVD
Inc 16.59 Az 122.393

3896.69mMD 3827.51TVD
Inc 16.40 Az 122.38

WOB 7-15 t
RPM 120-160
SPP 234-243 bar
FLW 2190-2195 lpm

3926.30mMD 3855.53TVD
Inc 16.72 Az 121.85

3955.54mMD 3883.55TVD
Inc 16.48 Az 121.64

MW 1.46sg
PV 29cp
YP 15.3Pa
Gels 8.1/9.7

4013.58mMD 3938.23TVD
Inc 16.31 Az 120.32

4026.92mMD 3952.04TVD
Inc 16.26 Az 120.21

9 5/8" Casing shoe
at 3817m

Bit#8, 12 1/4" MDSI716LHBPX
made 1036m in 60.4h
335.5 krev, out at 3817m
Grade: 0-0-CT-N-X-I-NO-TD

Bit#9RR 8 1/2" QD506X
4x12,1x13,1x11
In at 3817m

Bit#9RR, 8 1/2" QD506X
made 225m in 22.6 hr
148 krevs, out at 4042m
Grade: 1-2-WT-H-X-2-CT-TD

TD of well 15/6-11 S
4042mMD, 3966.5mTVD 12/12/10