



DRILLING DATA PLOT

WELL : PRELUDE P1 ST1

FROM (m): 250

TO (m): 5145

SCALE: 1/ 500

Country : AUSTRALIA

Region : BROWSE BASIN

Field : PRELUDE

Permit : WA-44-L

Well Type : DEVELOPMENT

Rig Name : CLYDE BOUDREAUX

POSITION

Latitude : 13° 49' 00.96"S

Longitude : 123° 19' 37.68"E

X (m) : E 535355.40

Y (m) : N 8 472 495.66

DATUM : GDA94

PROJECTION : MGA94,UTM51S,CM123eS

CASING

36" Shoe at (mMDRT) : 332.8

26" Shoe at (mMDRT) : 609.5

18 5/8" Shoe at (mMDRT) : 1359.7

13 3/8" Shoe at (mMDRT) : 2397.4

9 5/8" Shoe at (mMDRT) : 4301.7

7" Shoe at (mMDRT) : 5135.0

Spud Date : 11-09-2013

Total Depth Date : 27-09-2014

Total Depth (mMDRT) : 5139.0

T.V.D. (mTVDRT) : 4104.9

Status : GAS PRODUCER

RT-LAT (m) : 21.9

RT-Seabed (m) : 259.3

ABBREVIATIONS

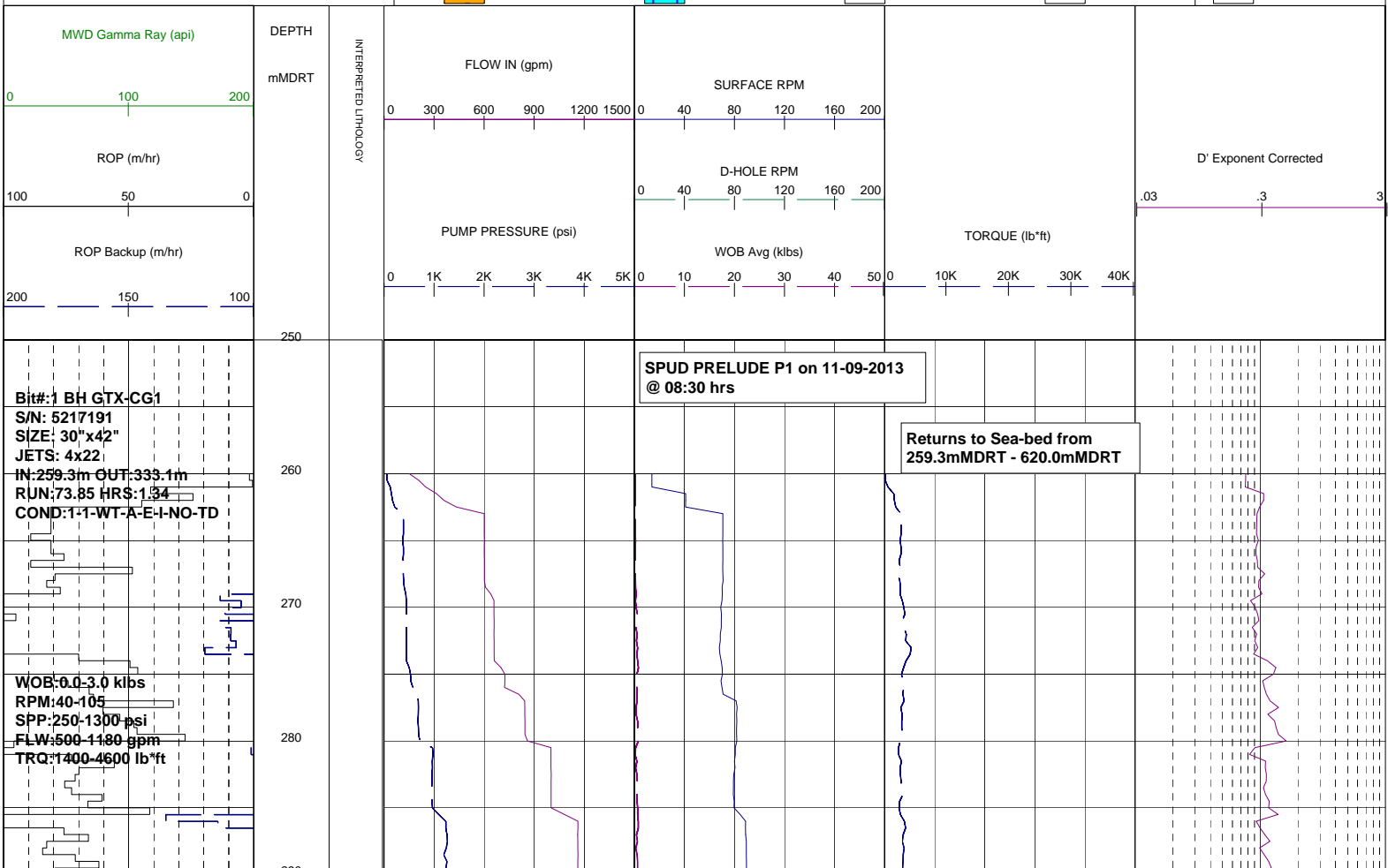
MW MUD WEIGHT	NB NEW BIT
FV FUNNEL VISCOSITY	RR RERUN BIT
PV PLASTIC VISCOSITY	CB CORE BIT
YP YIELD POINT	WOB WEIGHT ON BIT
FC FILTER CAKE	RPM REVS PER MINUTE
SOL SOLIDS	FLC FLOW CHECK
WL FILTRATE	CR CIRCULATE RETURNS
SD SAND - %	PR POOR RETURNS
S SALINITY - PPM	NR NO RETURNS
RM MUD RESISTIVITY	BG BACKGROUND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

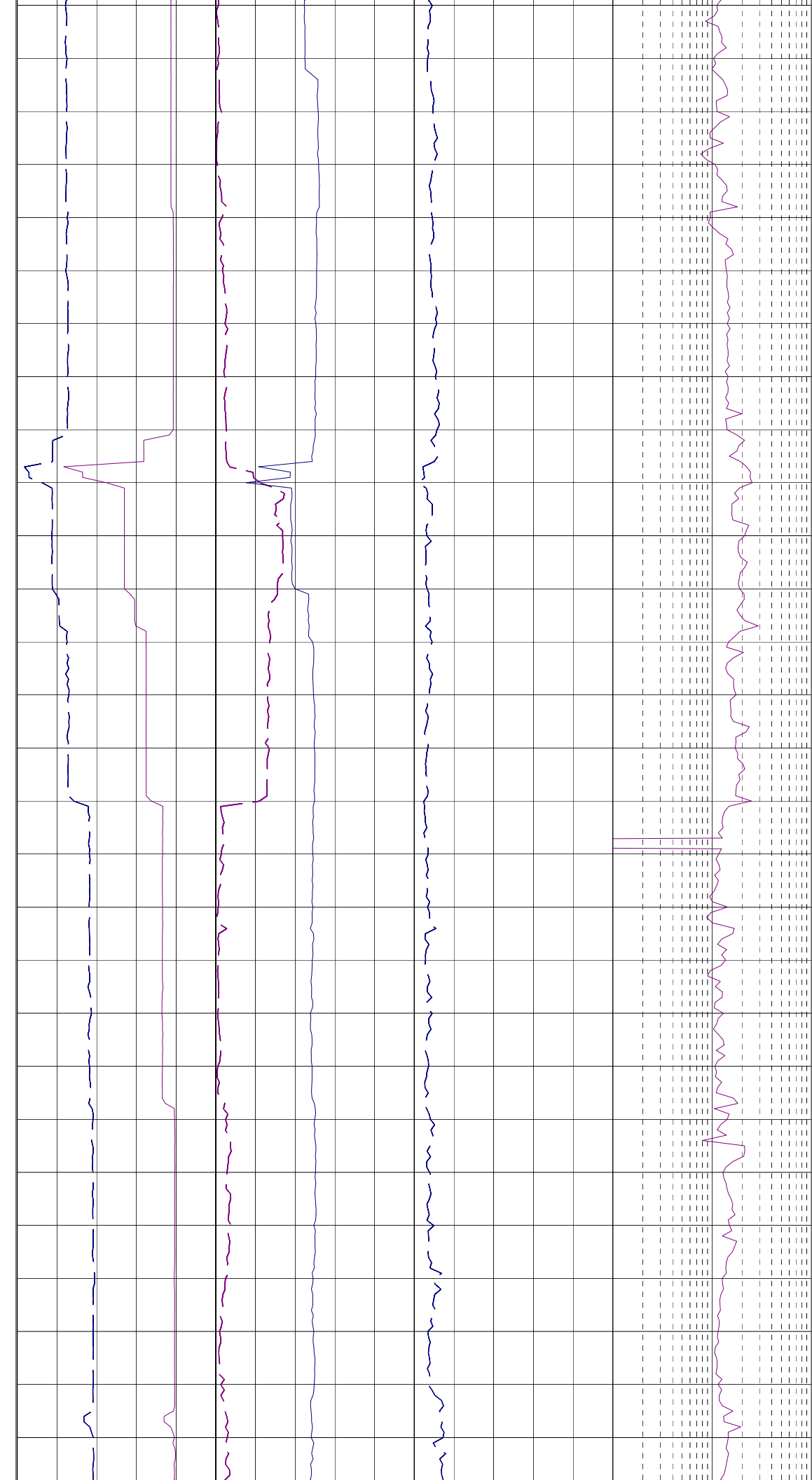
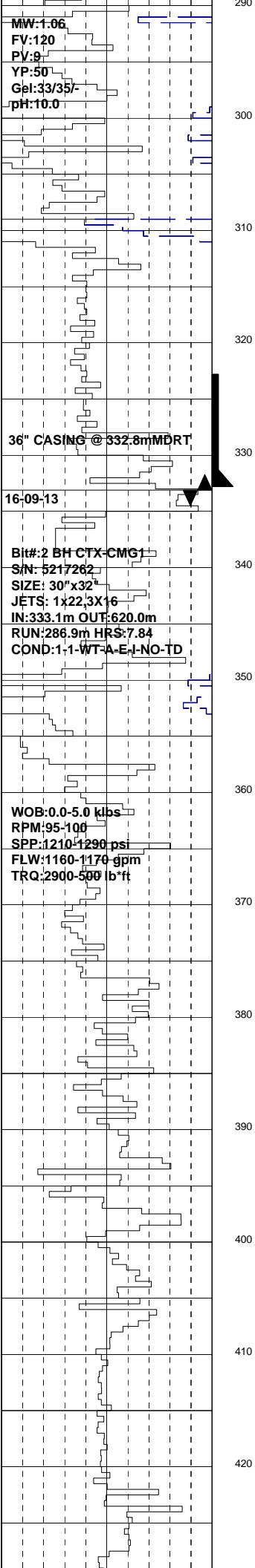
LITHOLOGY LEGEND

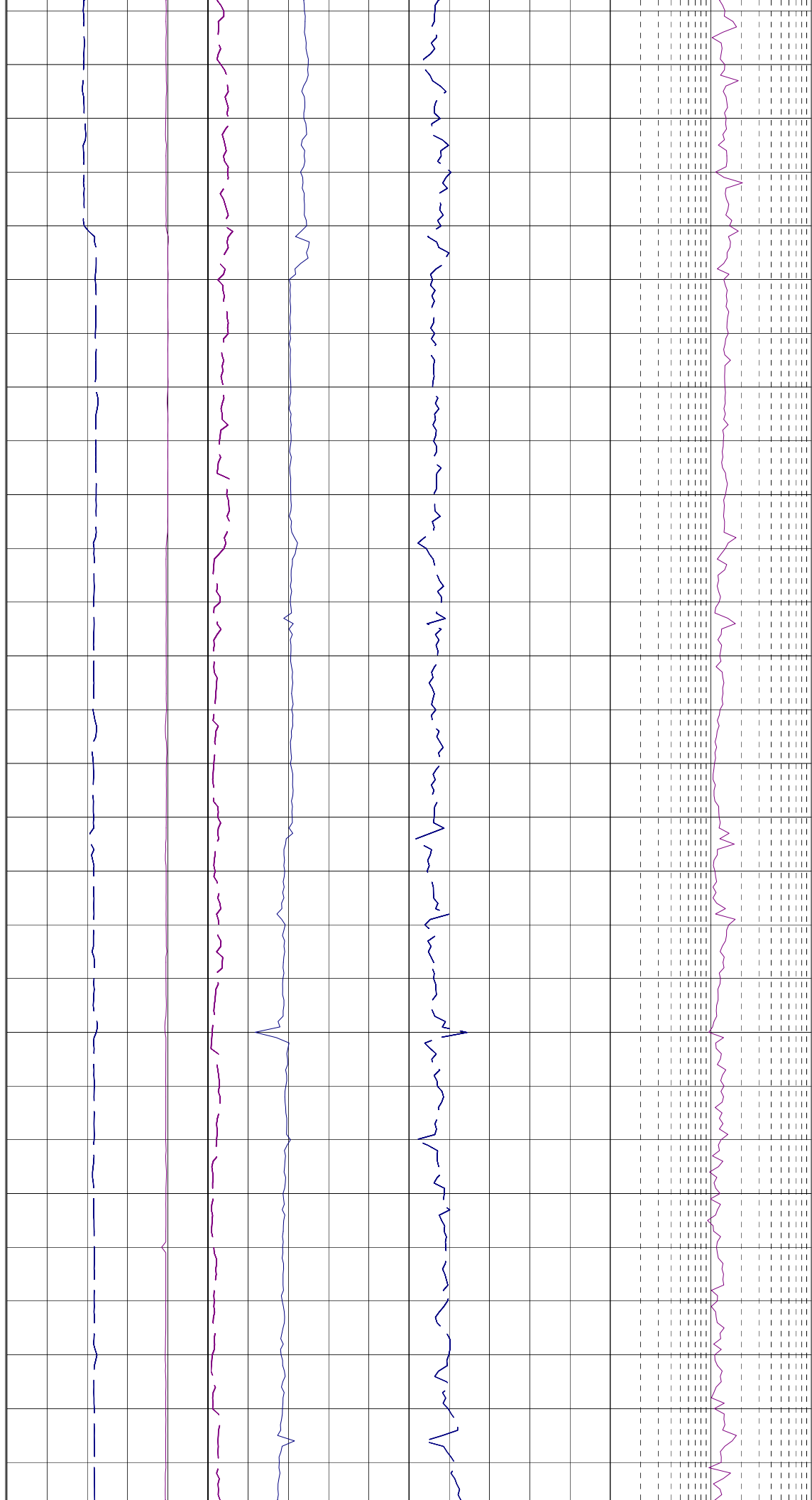
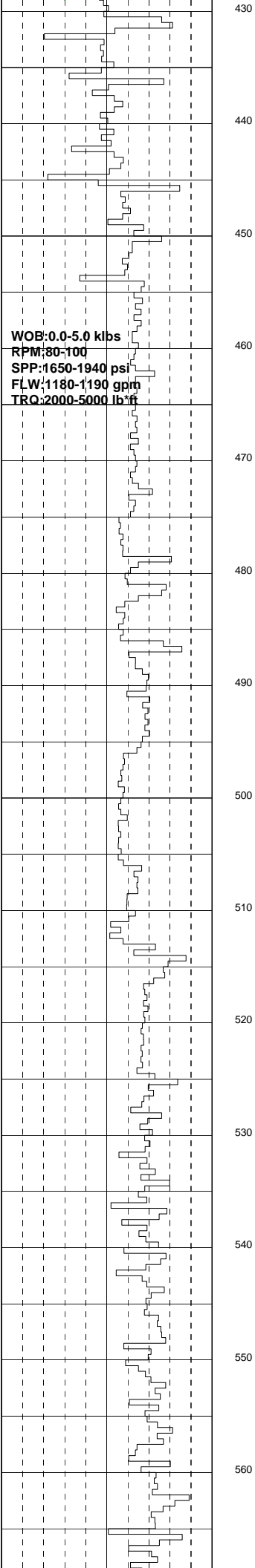
	Claystone		Sandstone 1		Calcarenite		Calcareous
	Silty Claystone		Sandstone 2		Calclrudite		Dolomitic
	Sandy Claystone		Arg Sandstone		Arg Calcilutite		Fossils
	Calc Claystone		Silty Sandstone		Dolomite		Foraminiferae
	Siltstone		Calc Sandstone		Cement		Lignitic shale
	Arg Siltstone		Dolo Sandstone		Calcite		Carbonated shale
	Sandy Siltstone		Calcilutite		Mica		Pyrite
	Calc Siltstone		Calcsiltite		Glaucconite		

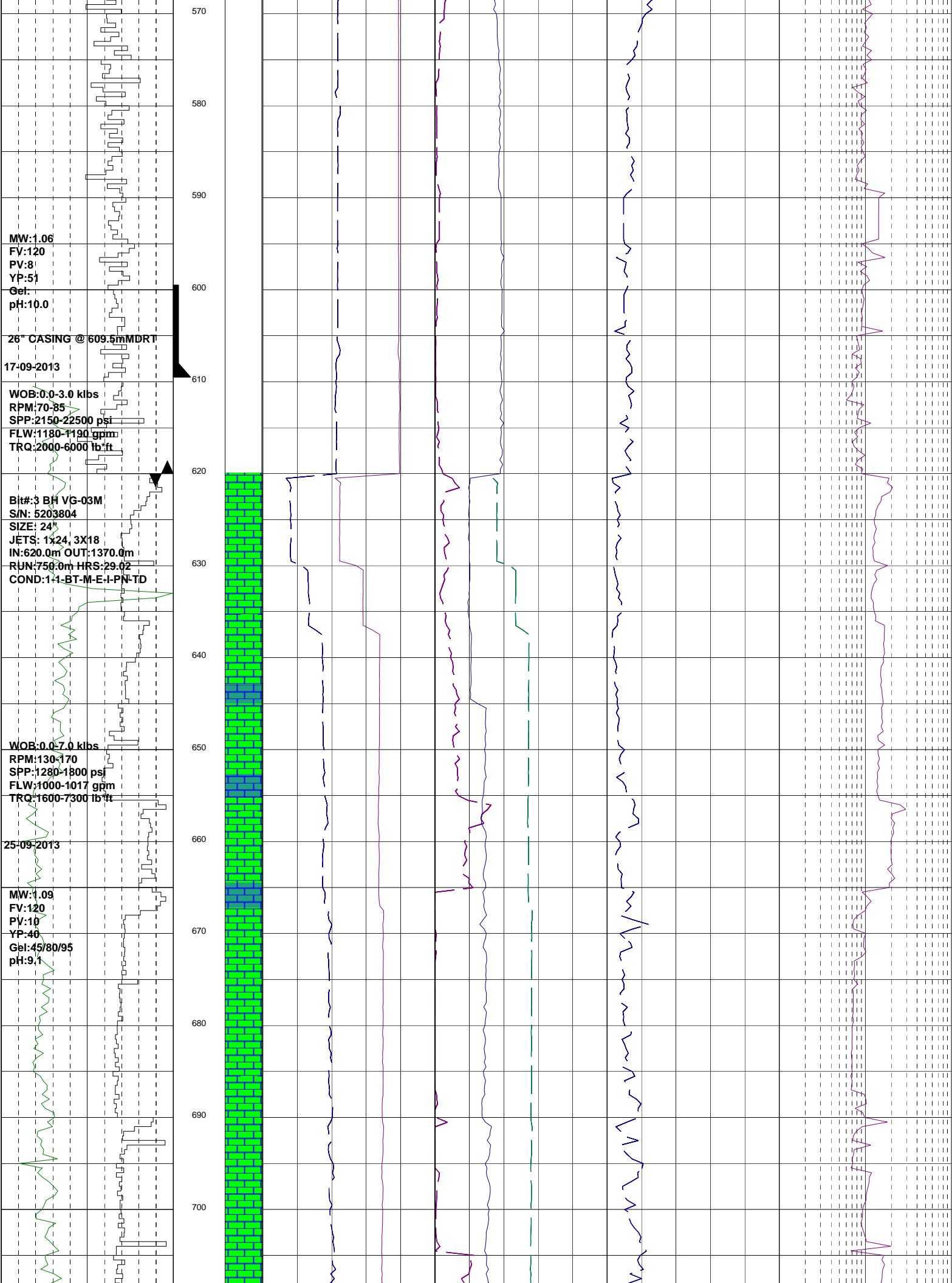
ENGINEERING

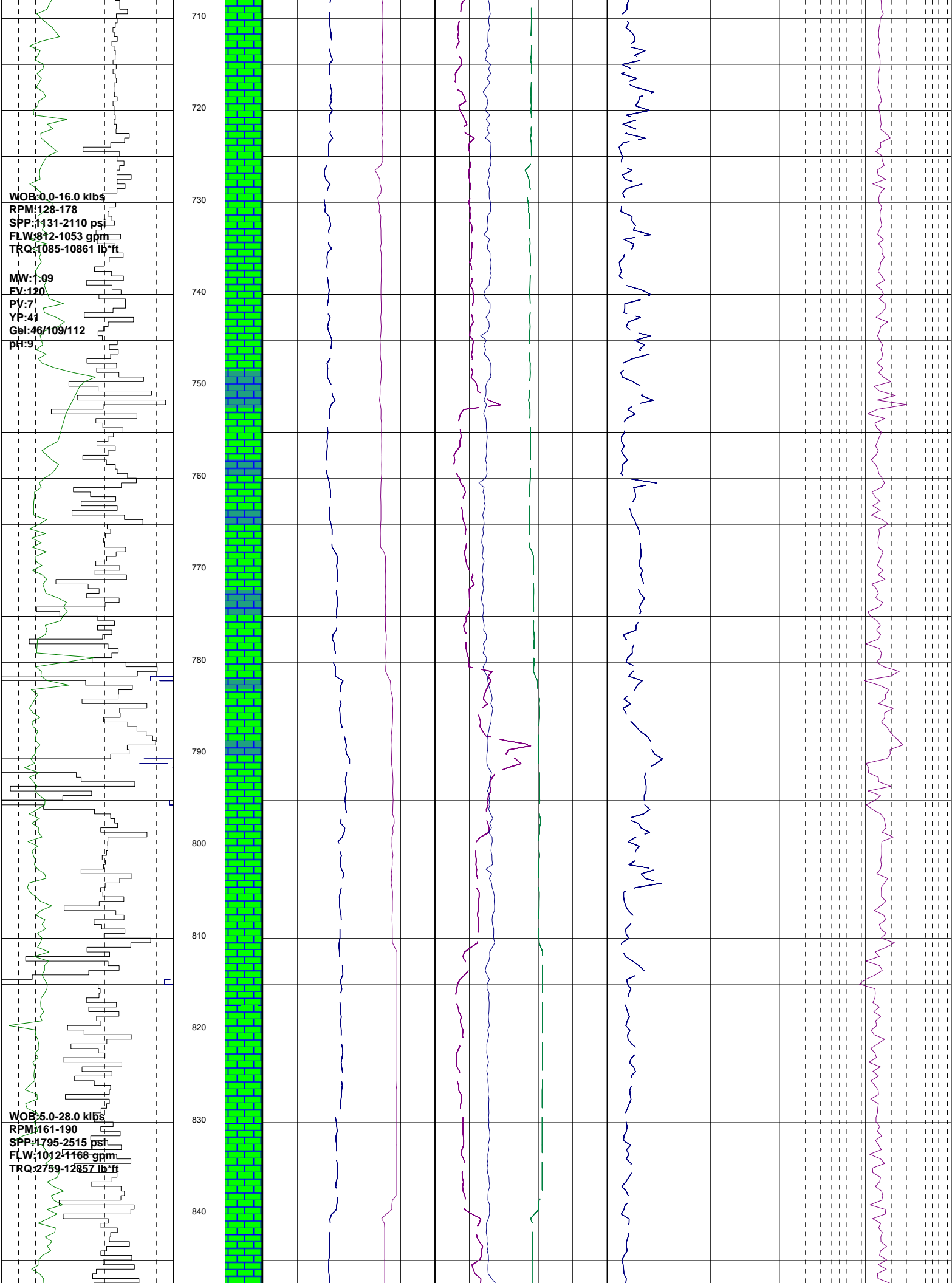
	Core
	Mud gain
	Mud loss
	Sidewall core
	Survey
	FIT
	Casing shoe

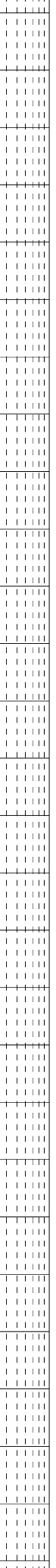
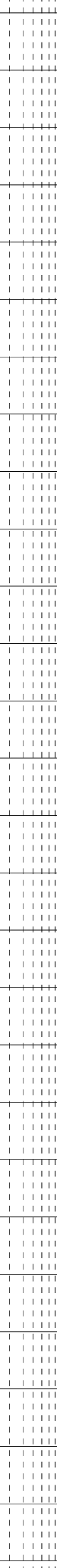
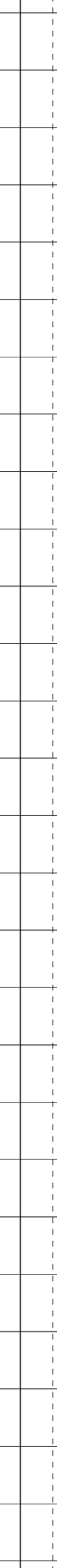
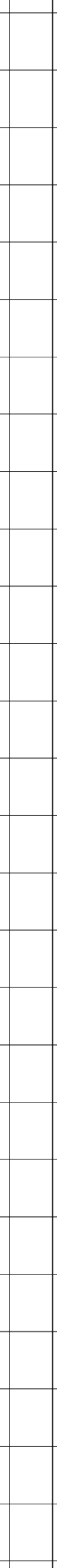
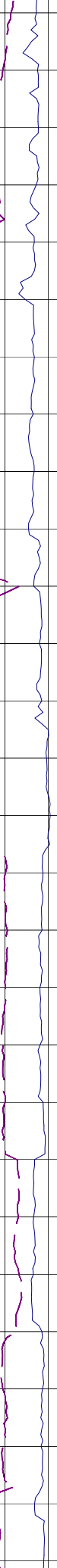
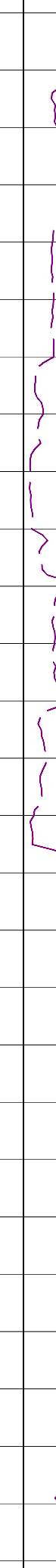
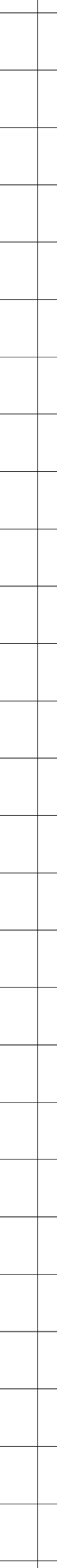
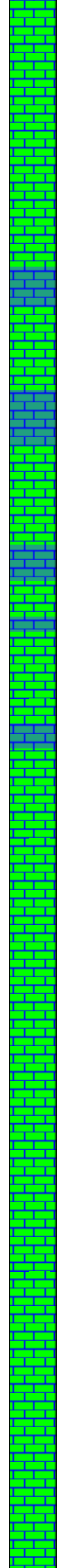
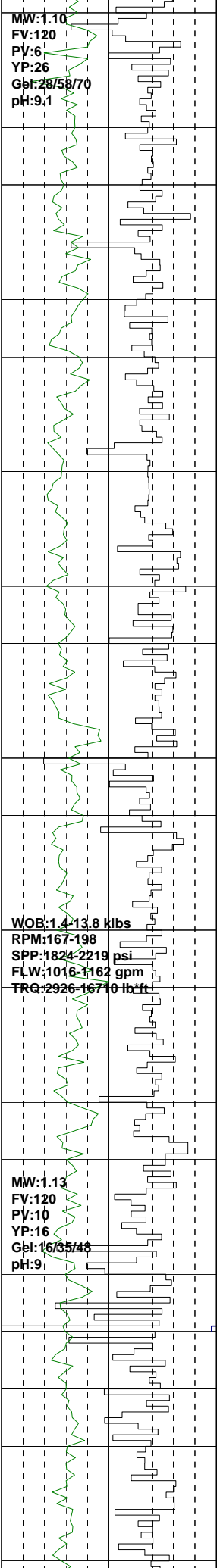


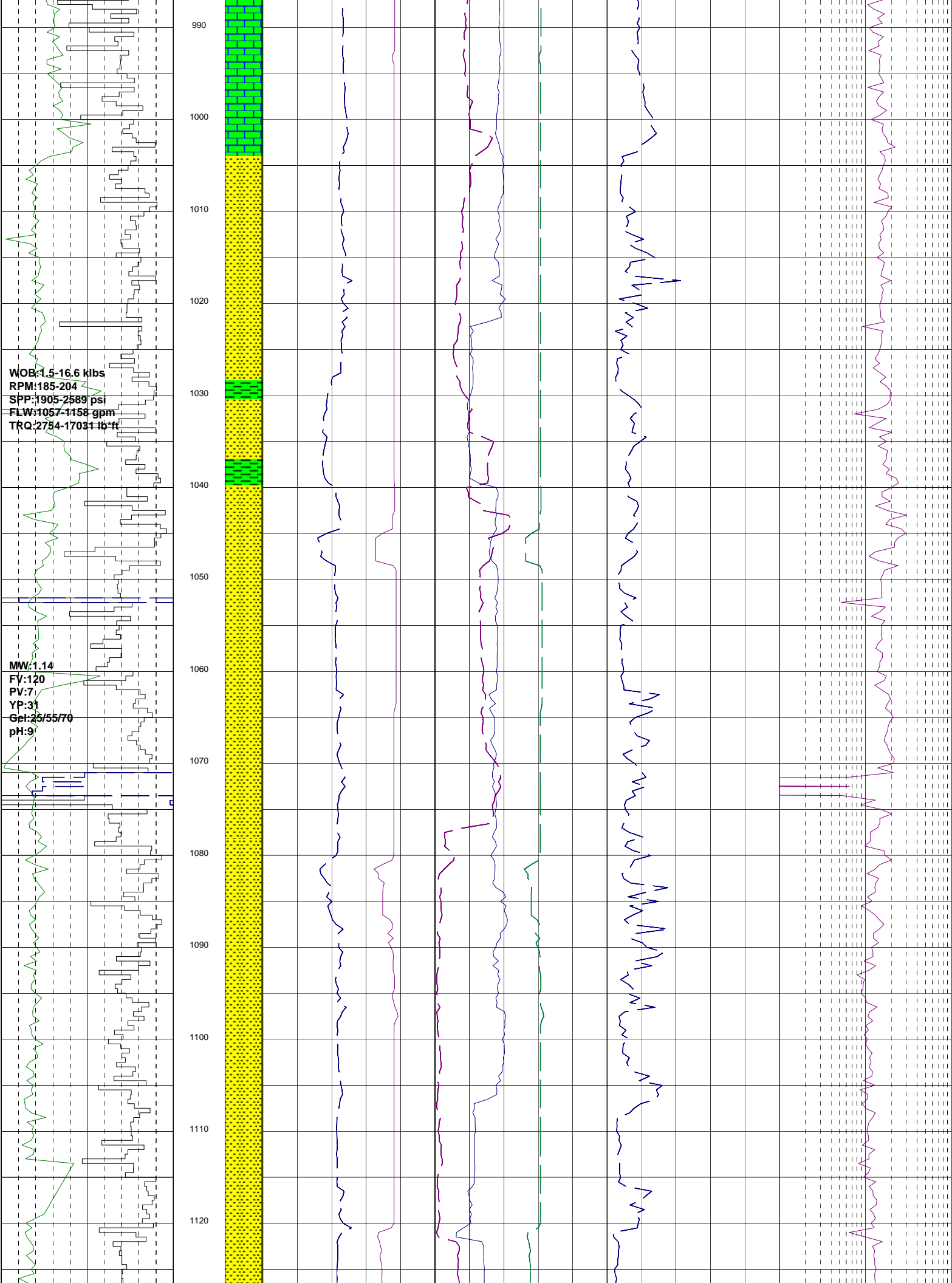










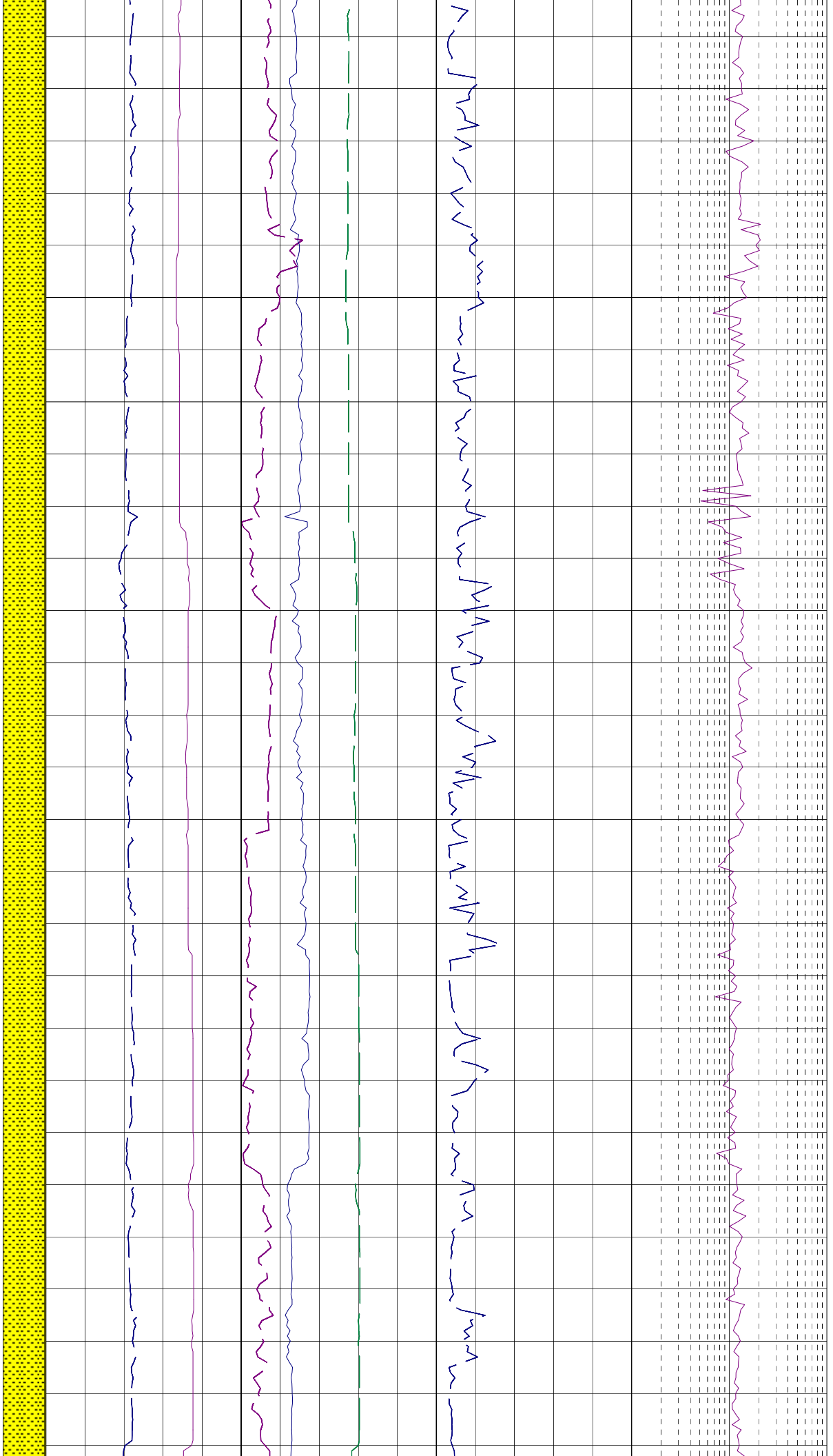


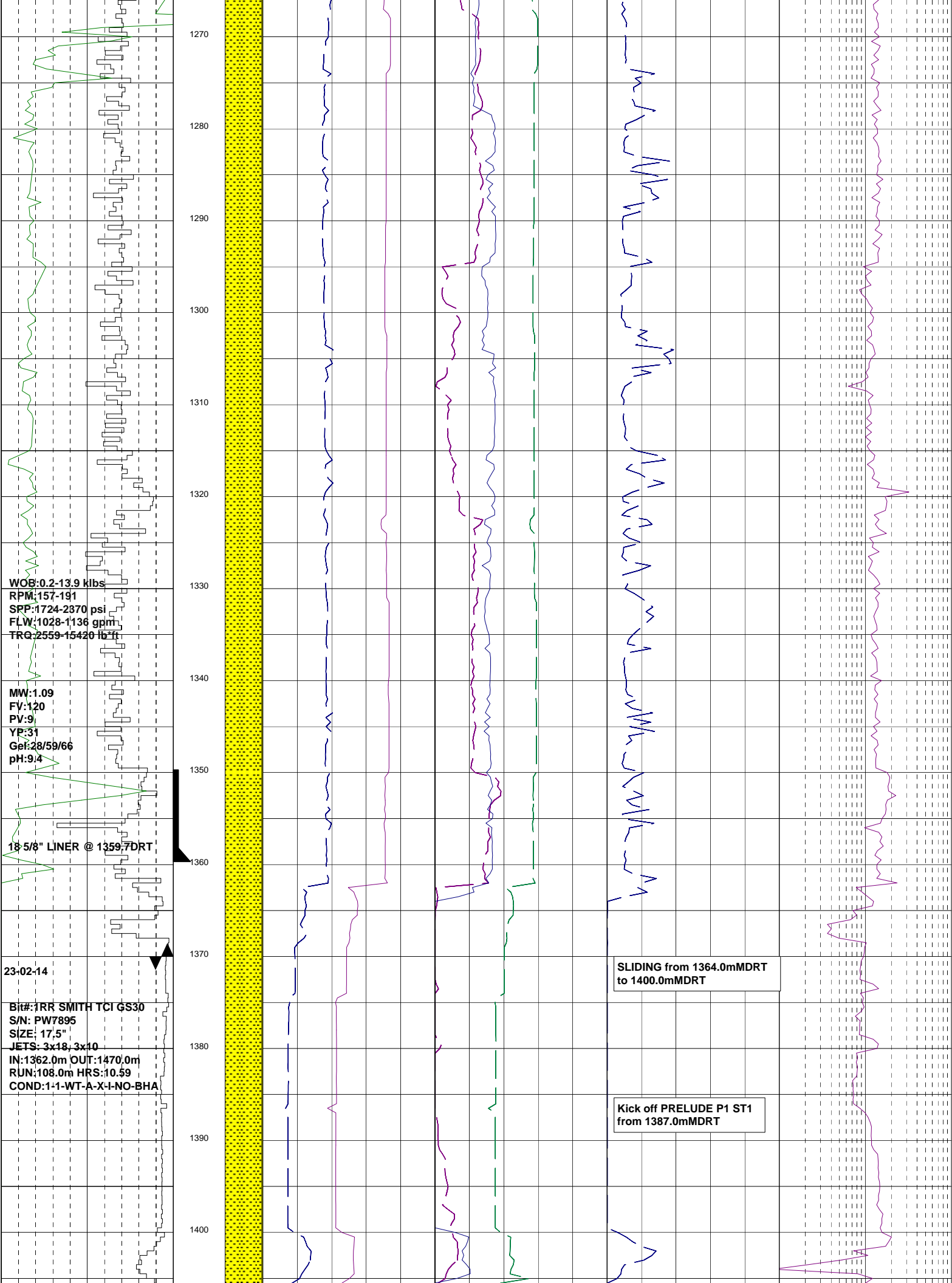
WOB: 1.5-18.6 klbs
RPM: 160-208
SPP: 1584-2589 psi
FLW: 968-1179 gpm
TRQ: 1822-1703 lb*in

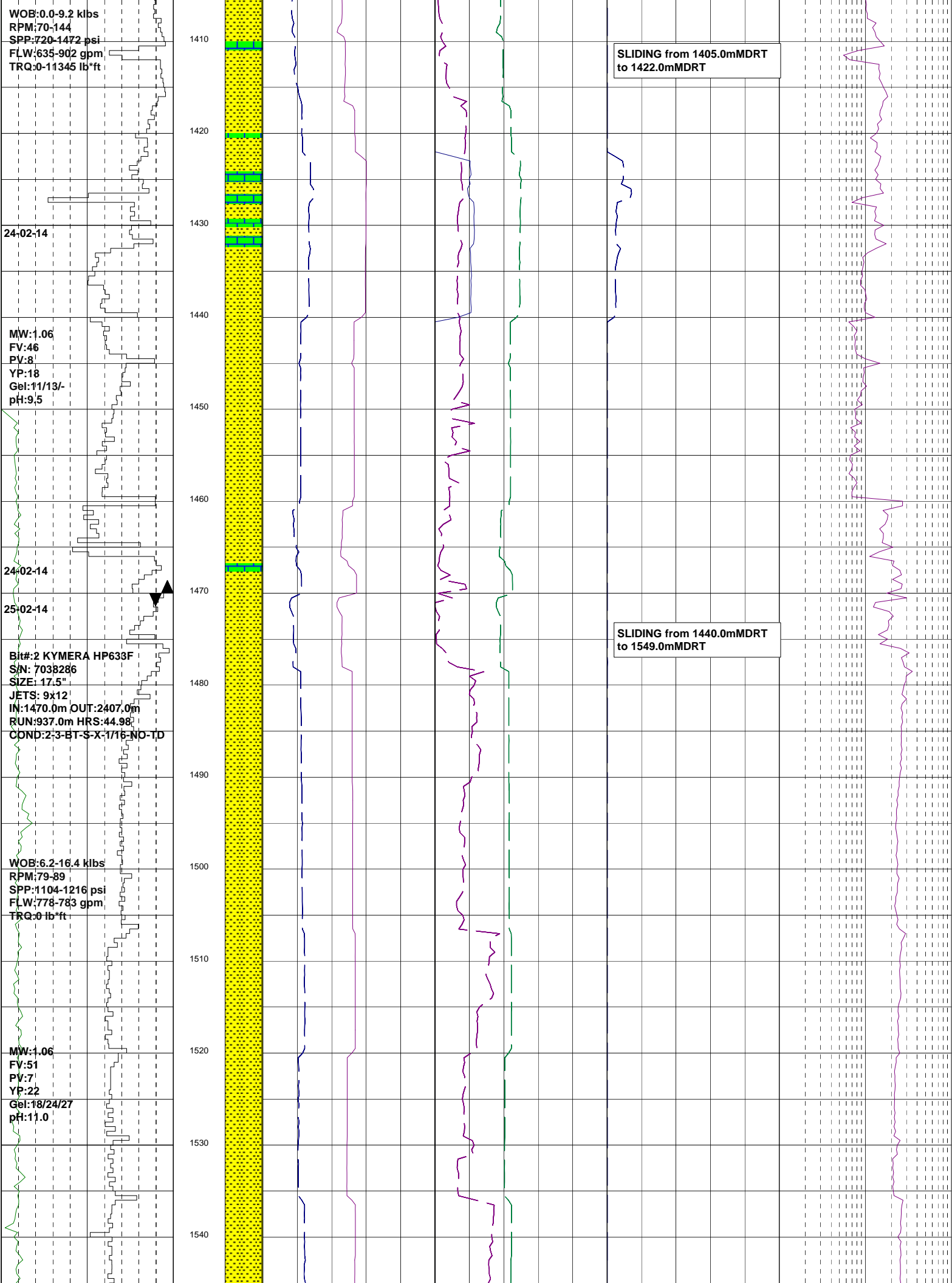
WOB: 0.0-15.7 klbs
RPM: 154-191
SPP: 1862-2338 psi
FLW: 1002-1130 gpm
TRQ: 2322-13199 lb*in

MW: 1.11
FV: 120
PV: 10
YP: 30
Gel: 28/61/61
pH: 9.65

1130
1140
1150
1160
1170
1180
1190
1200
1210
1220
1230
1240
1250
1260







26-02-14

WOB:0.0-3.3 kips
RPM:148-150
SPP:1623-1877 psi
FLW:947-986 gpm
TRQ:2912-4912 lb*ft

MW:1.05
FV:52
PV:8
YP:21
Gel:17/21/34
pH:9.8

1550

1560

1570

1580

1590

1600

1610

1620

1630

1640

1650

1660

1670

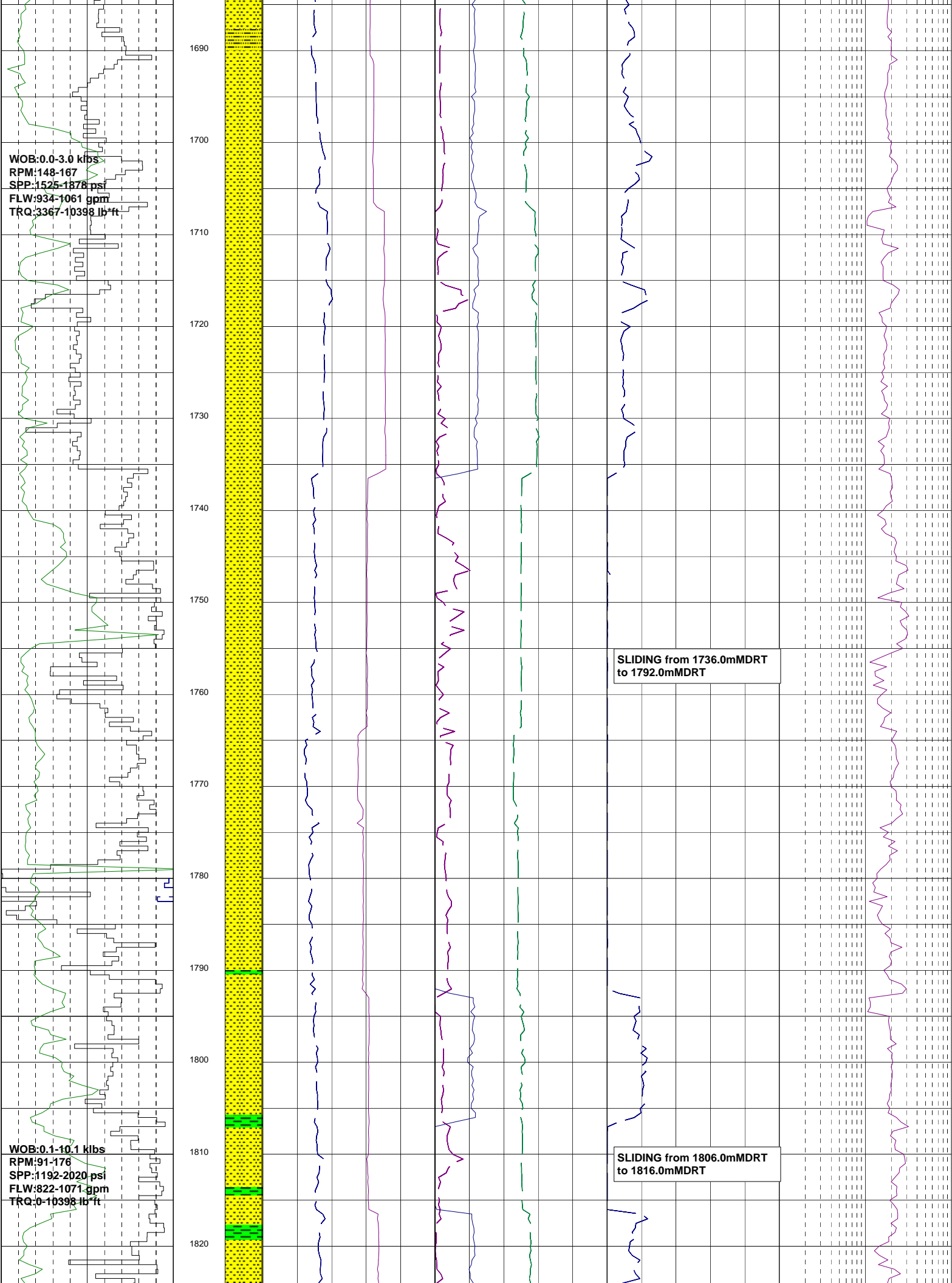
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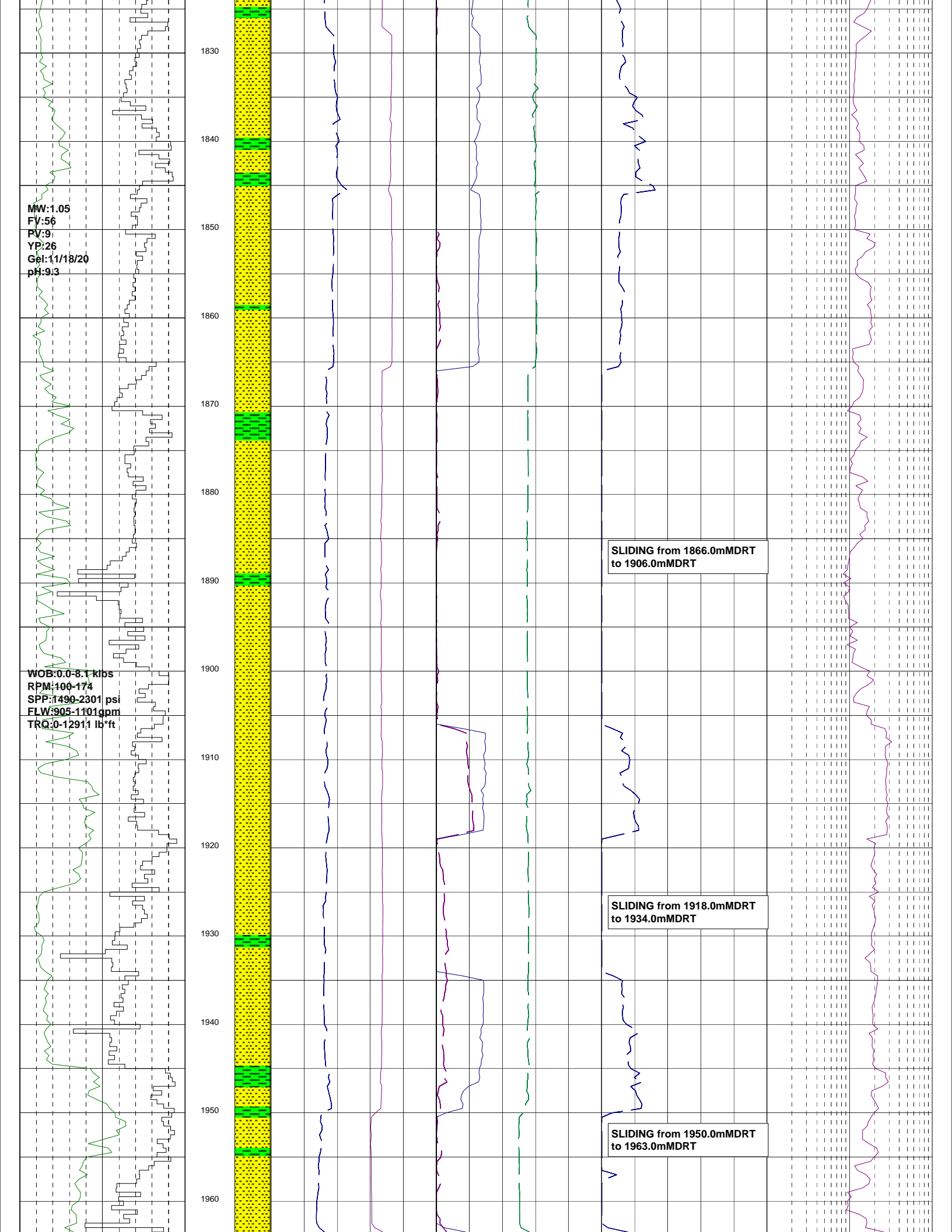
SLIDING from 1611.0mMDRT
to 1623.0mMDRT

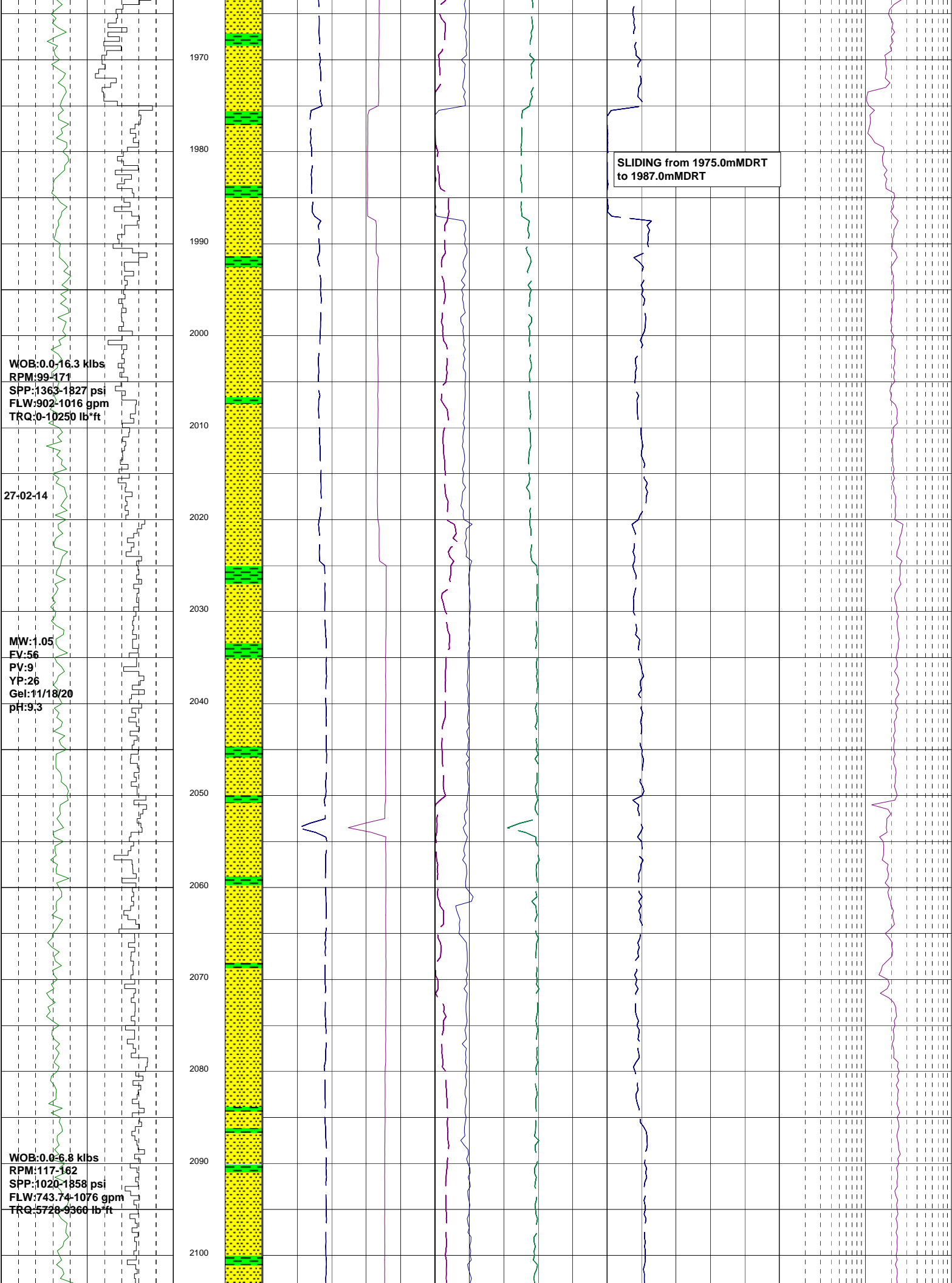
SLIDING from 1636.0mMDRT
to 1643.0mMDRT

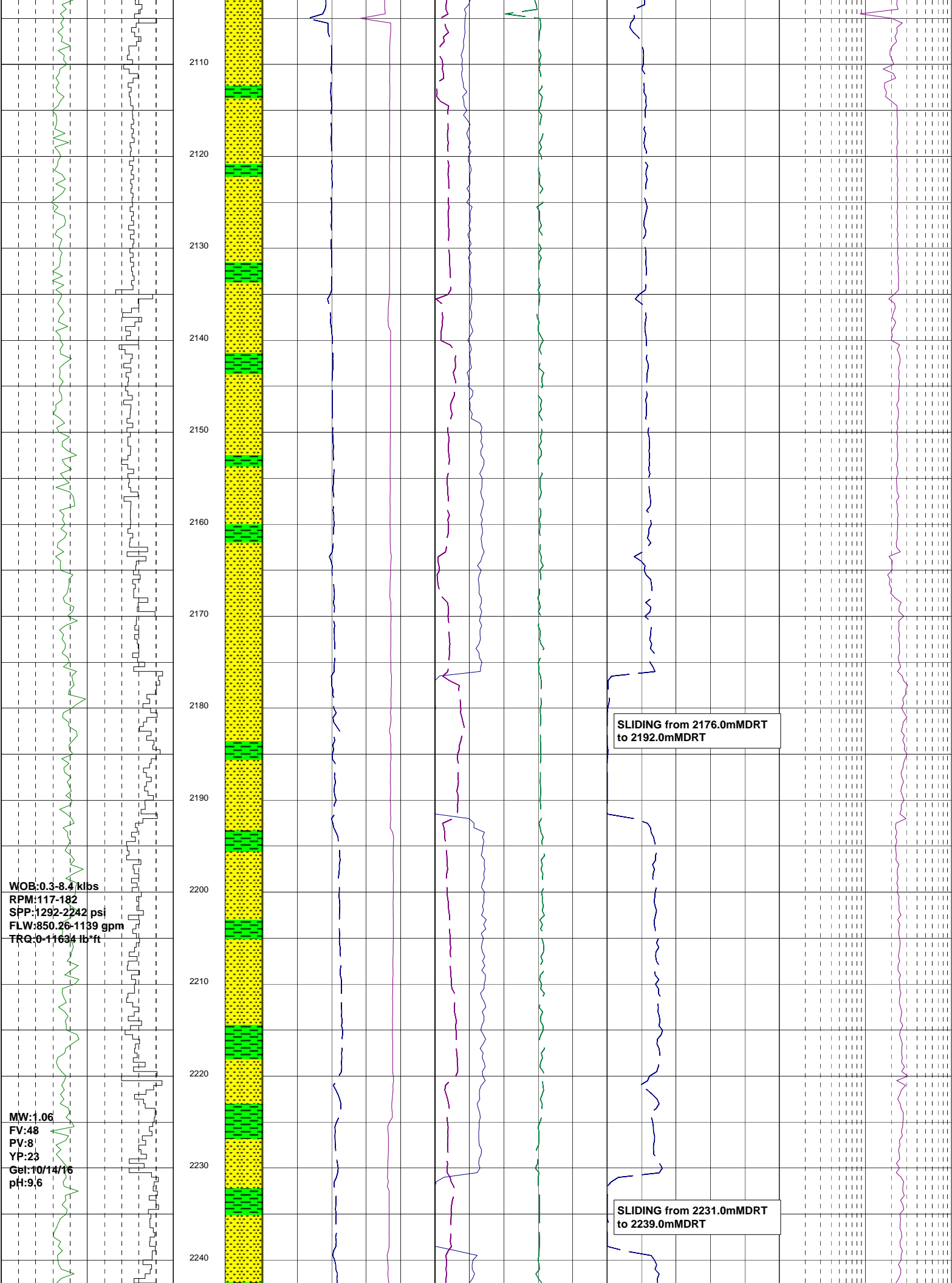
SLIDING from 1646.0mMDRT
to 1654.0mMDRT

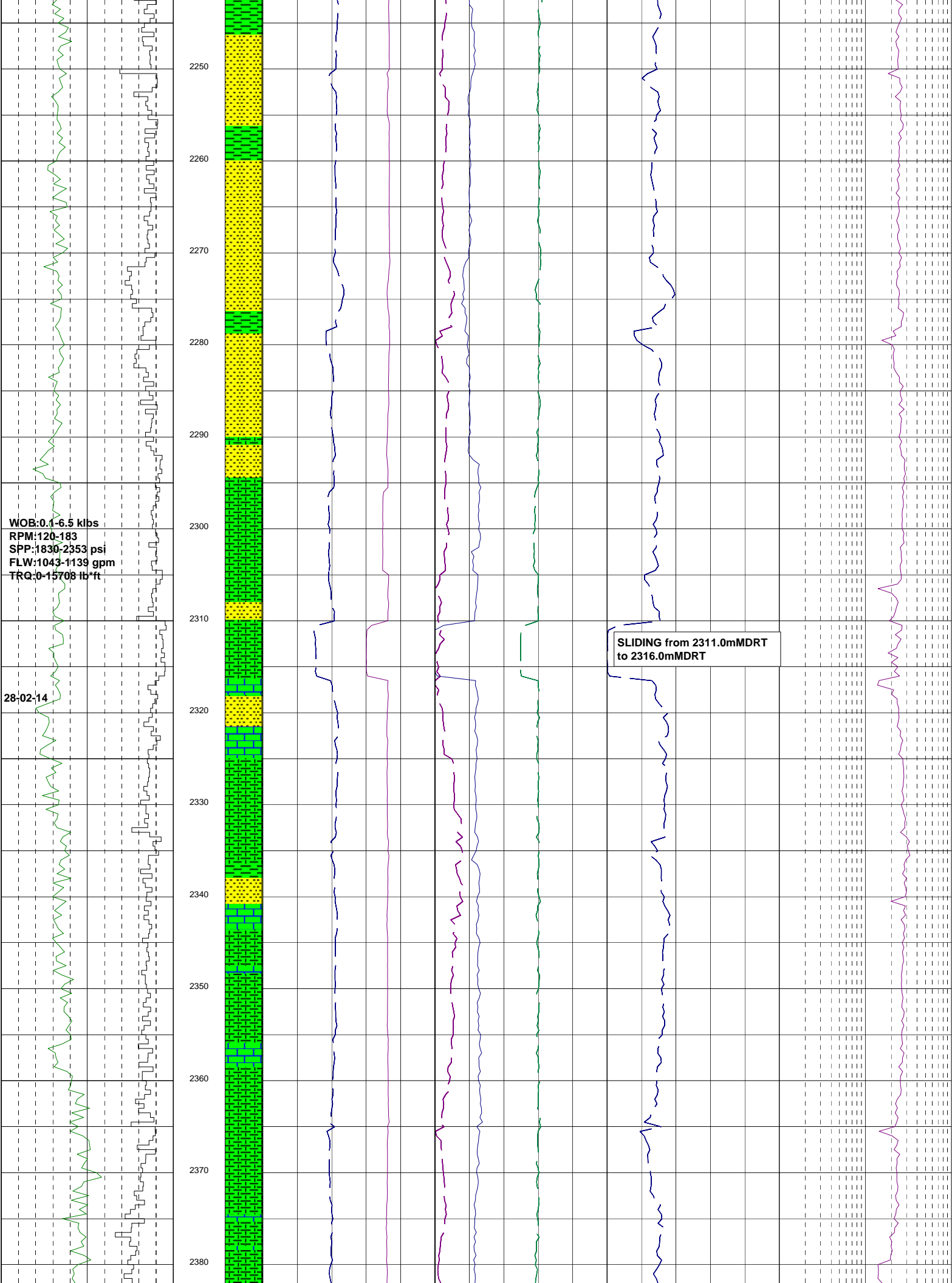
SLIDING from 1656.0mMDRT
to 1665.0mMDRT

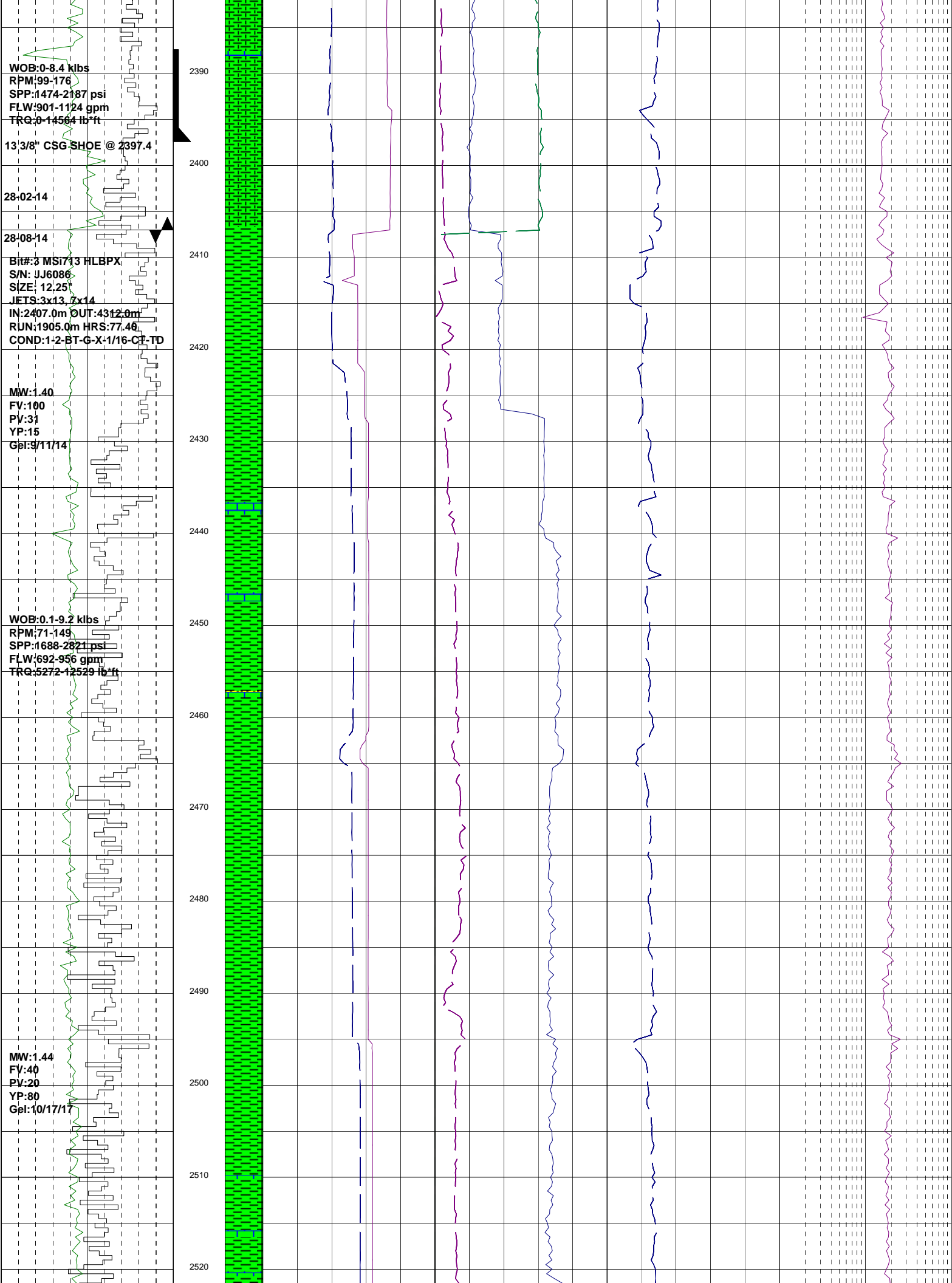


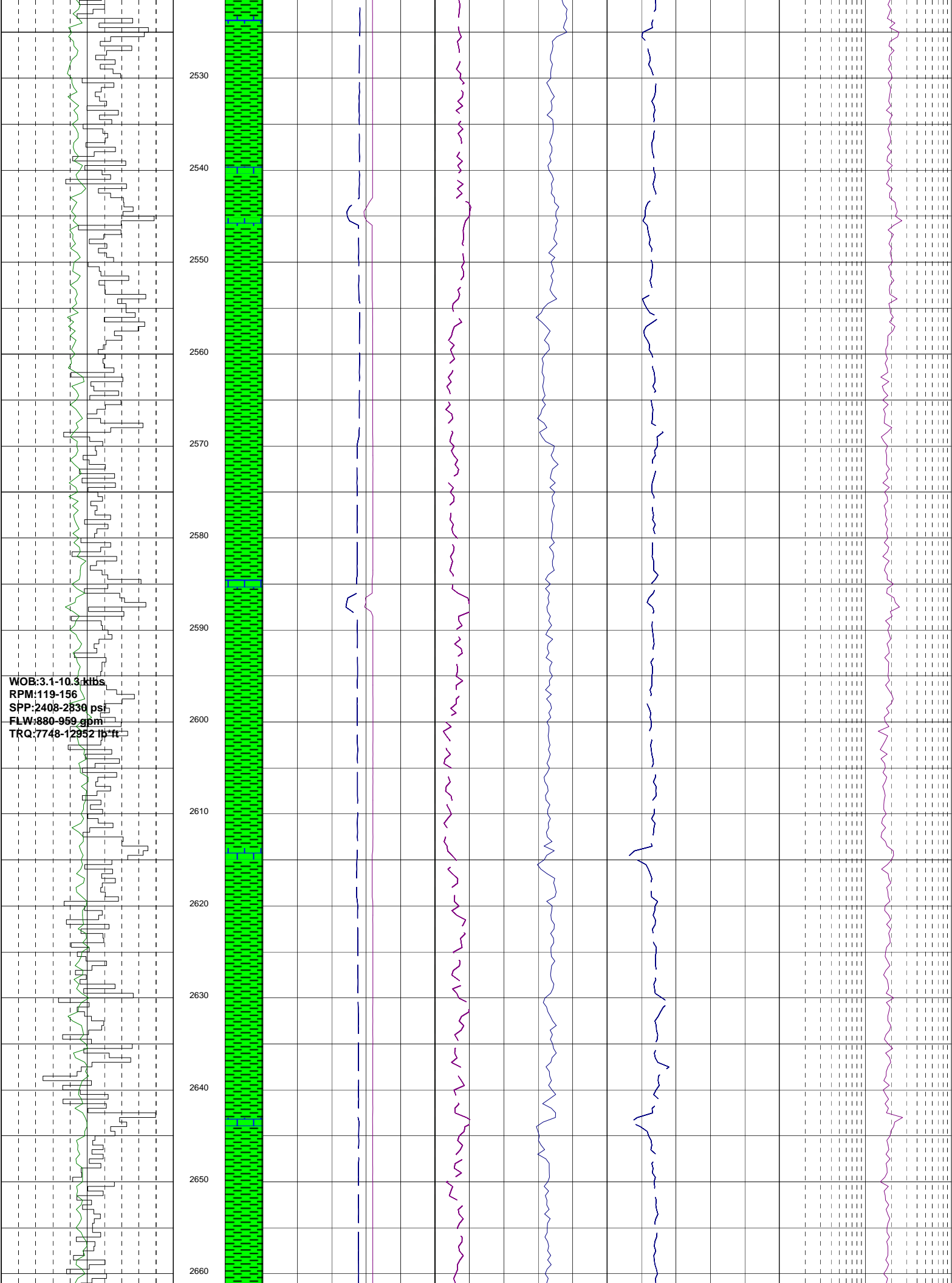


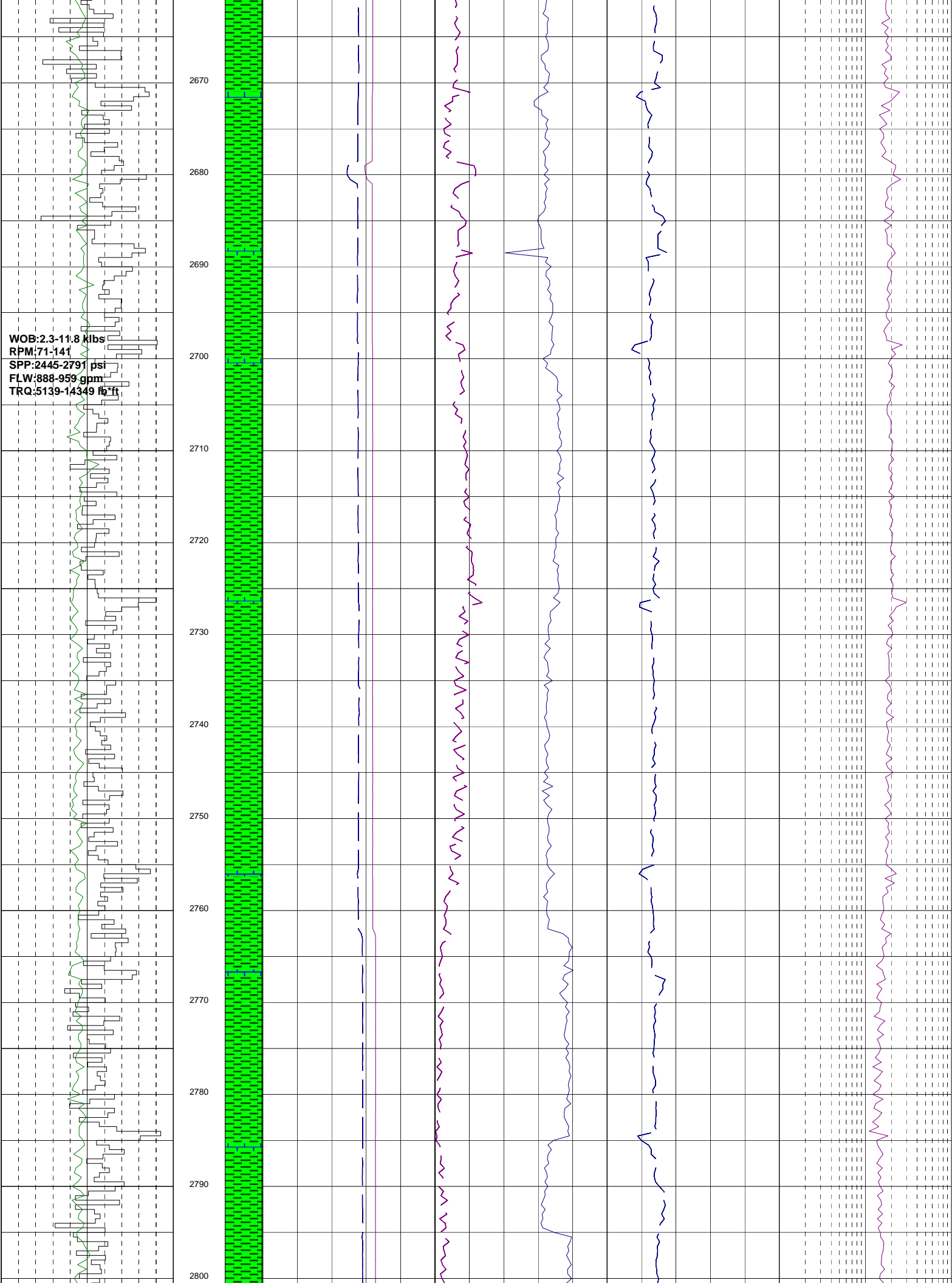












WOB:0.1-14.0 klbs
RPM:126-157
SPP:2742-2899 psi
FLW:955-982 gpm
TRQ:7058-13713 lb-ft

MW:1.44
FV:39
PV:22
YP:71
Gel:11/16/17

WOB:0.0-9.2 klbs
RPM:127-162
SPP:2555-2956 psi
FLW:906-993 gpm
TRQ:7910-17599 lb-ft

MW:1.44
FV:36
PV:19
YP:78
Gel:11/19/17

2810

2820

2830

2840

2850

2860

2870

2880

2890

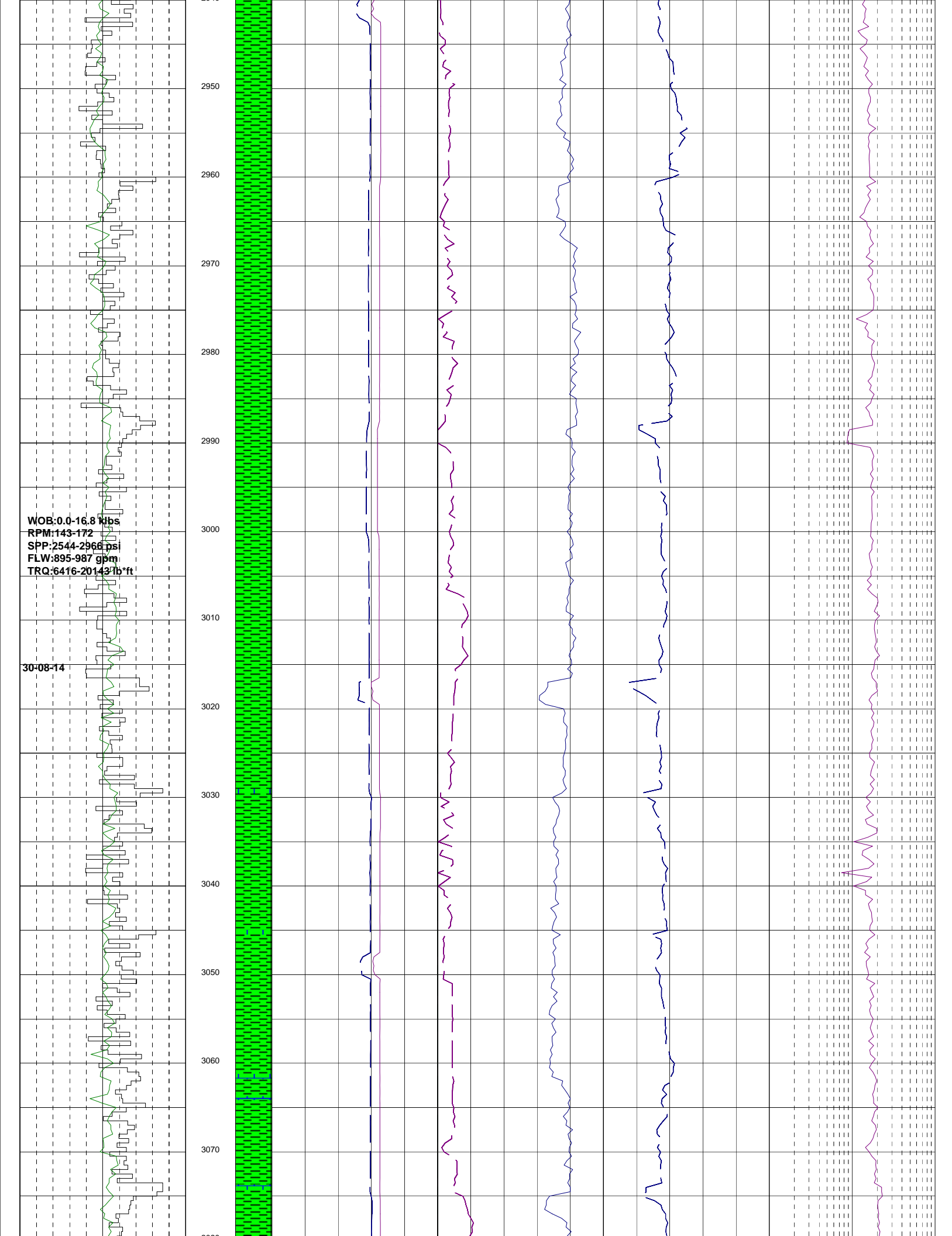
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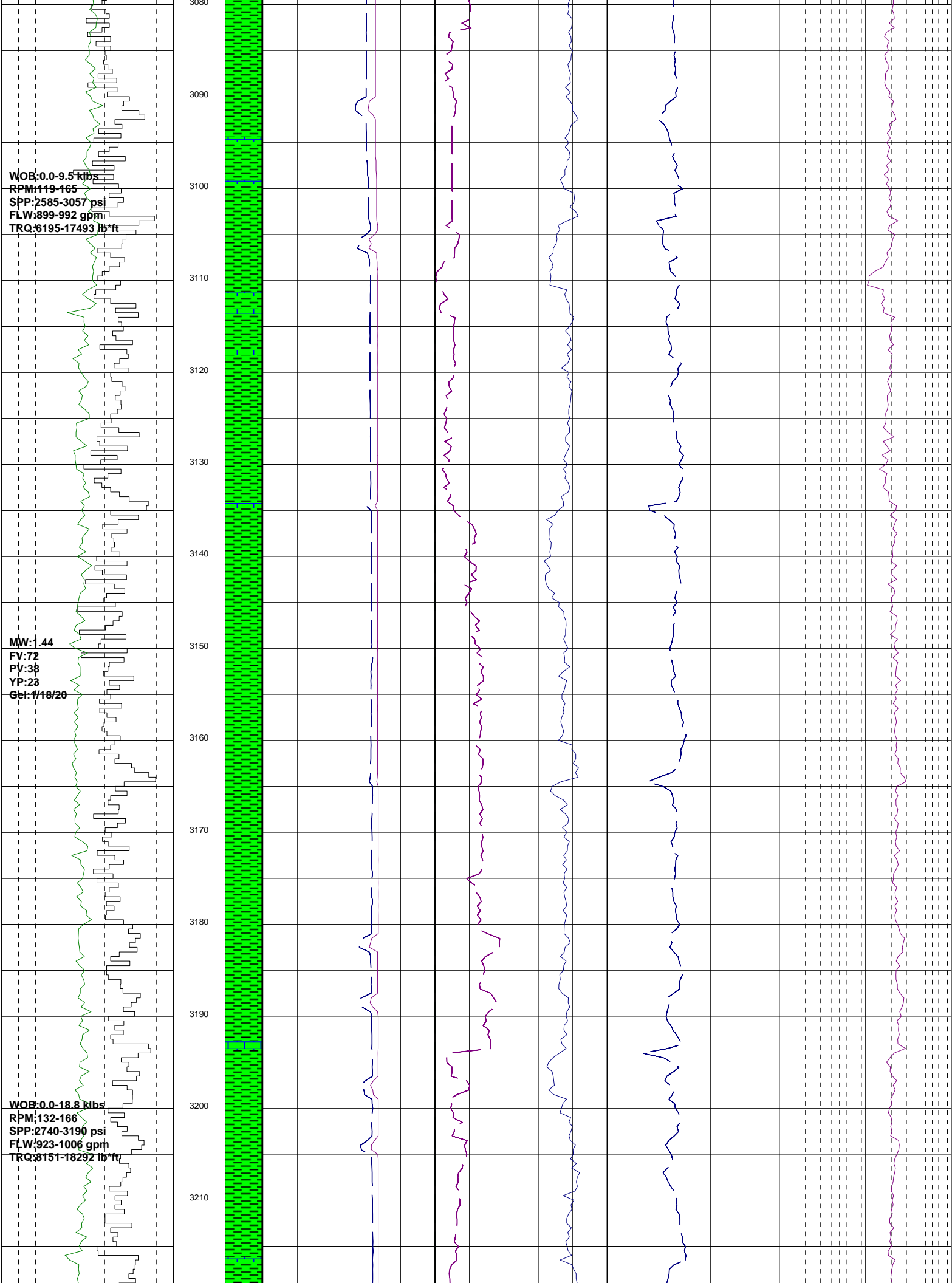
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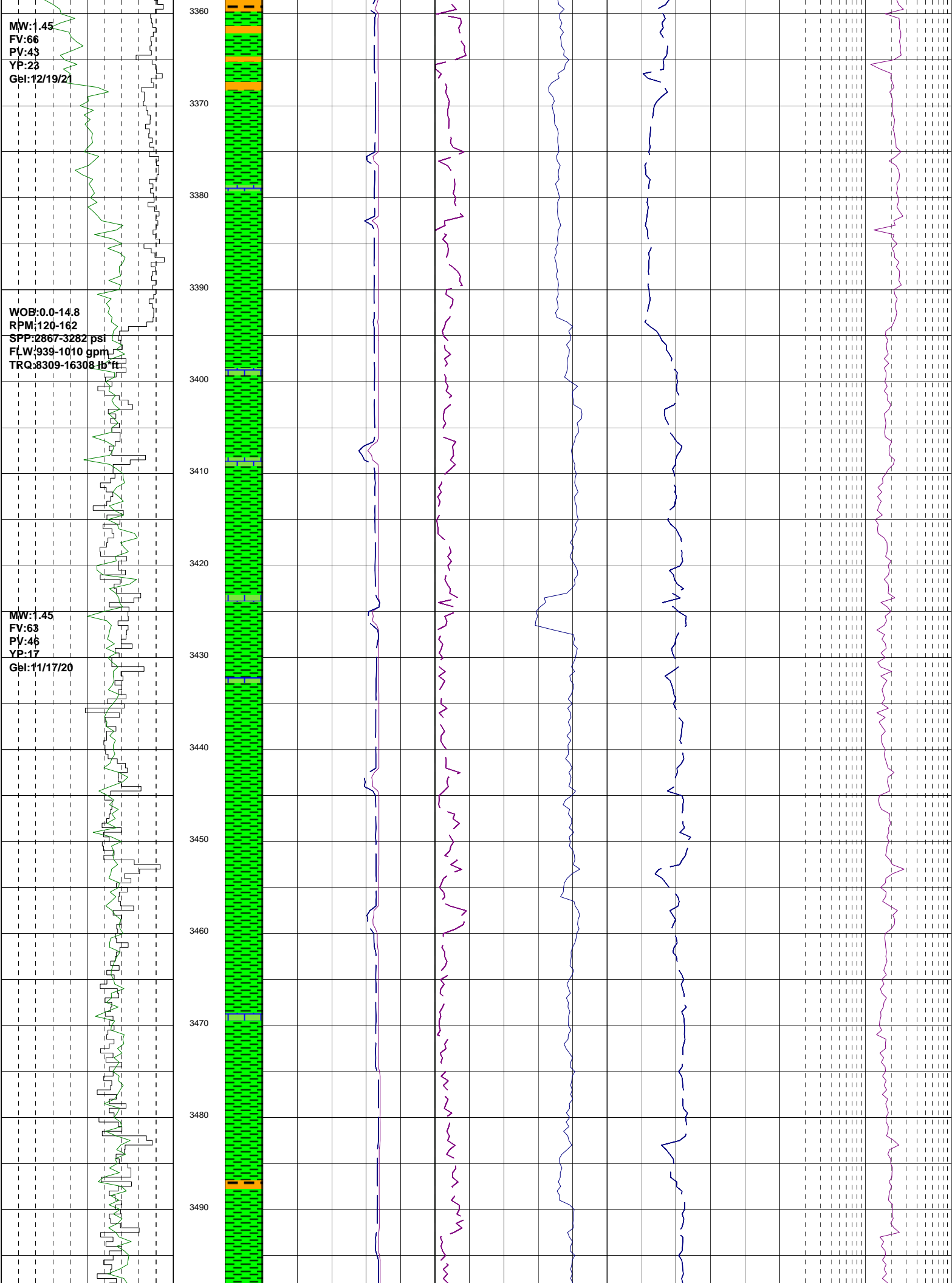
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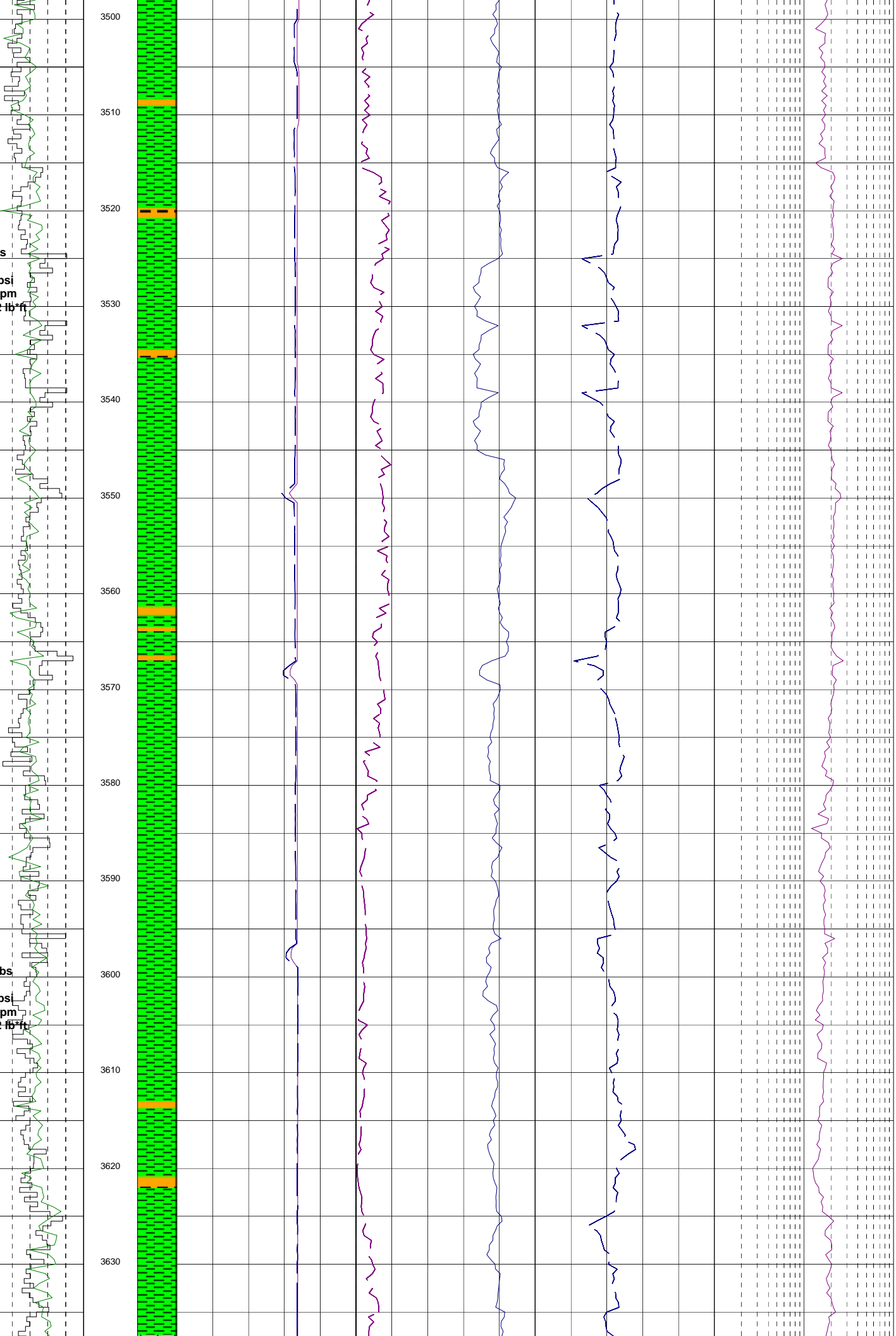


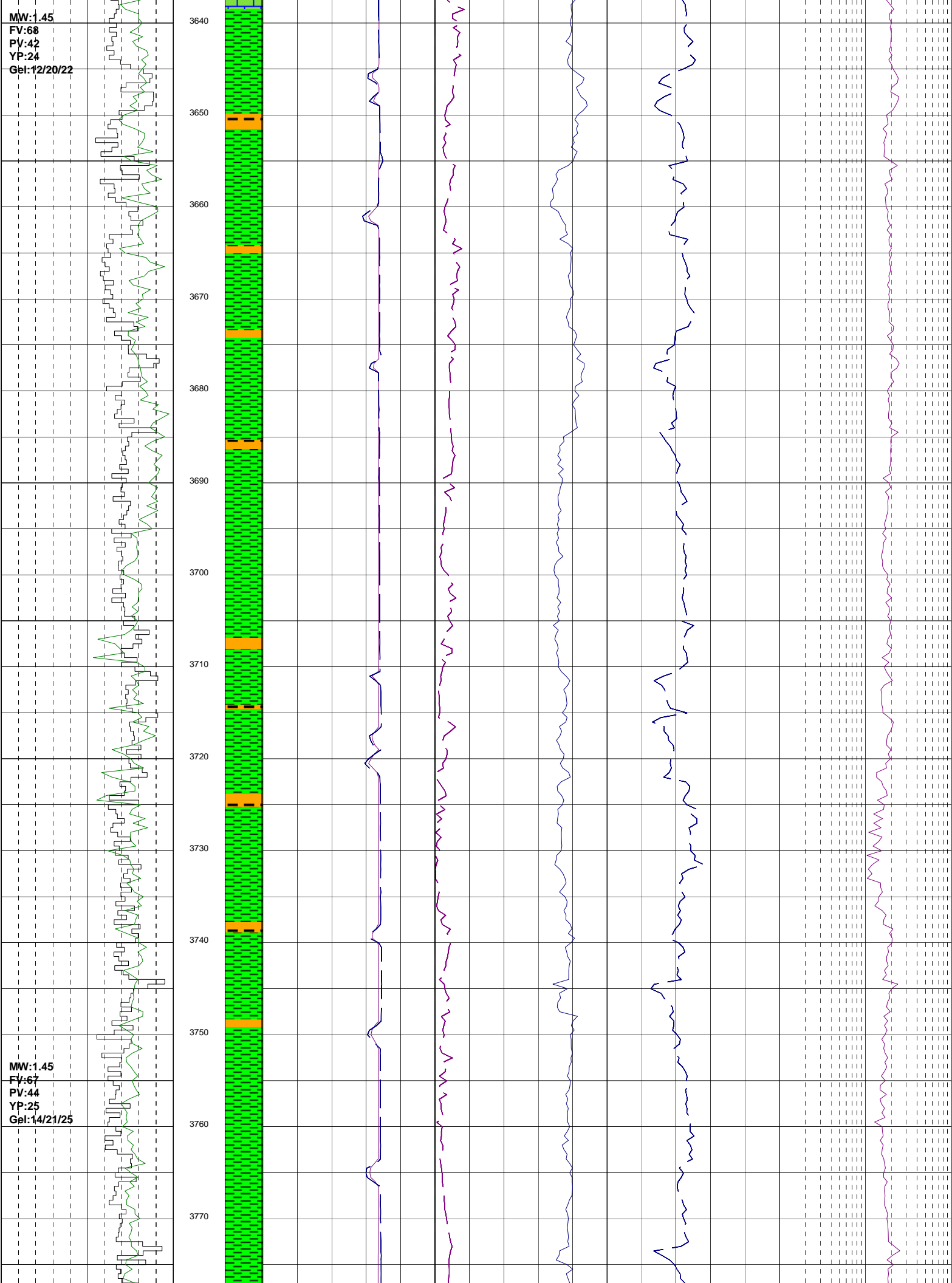




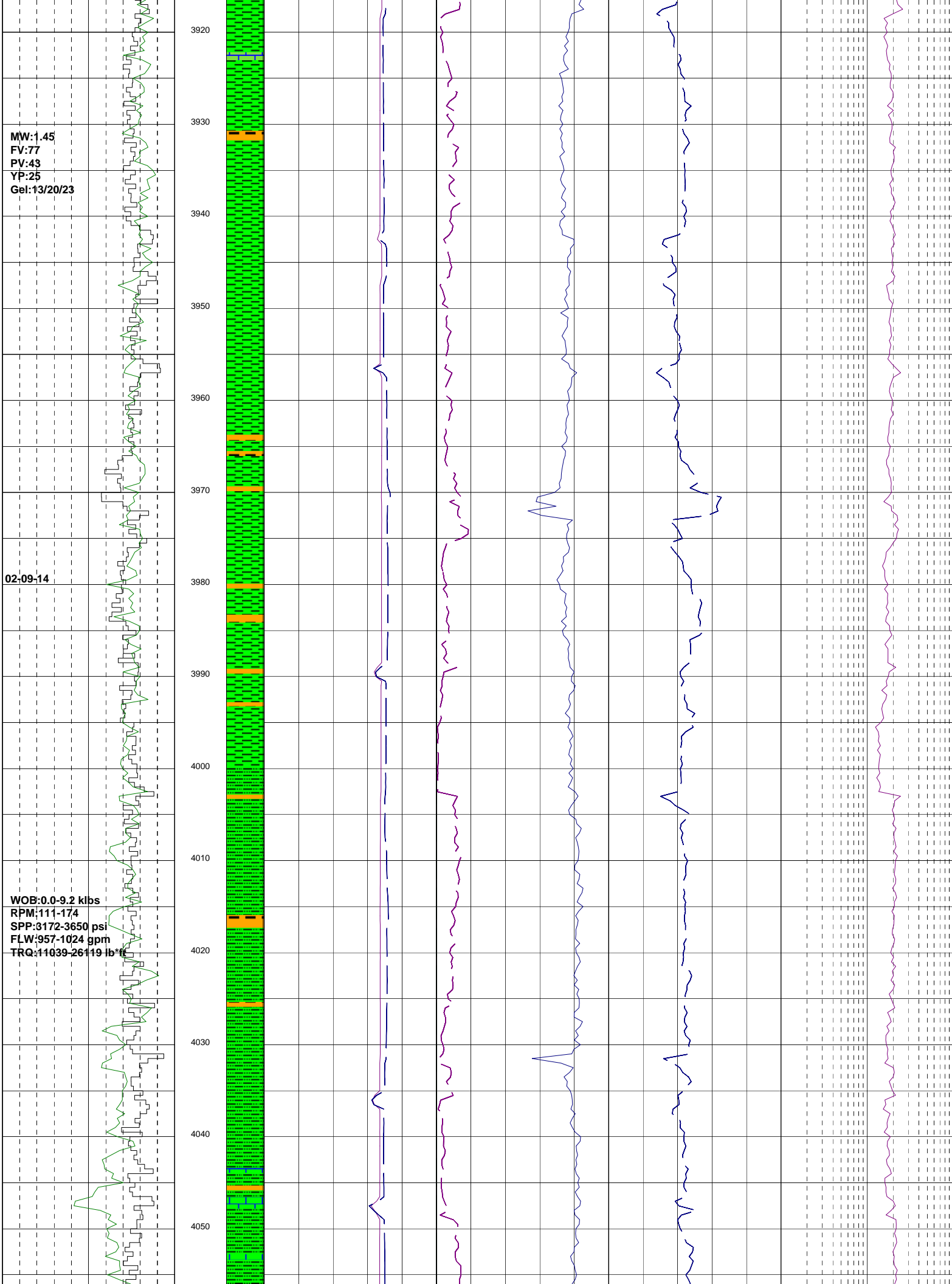


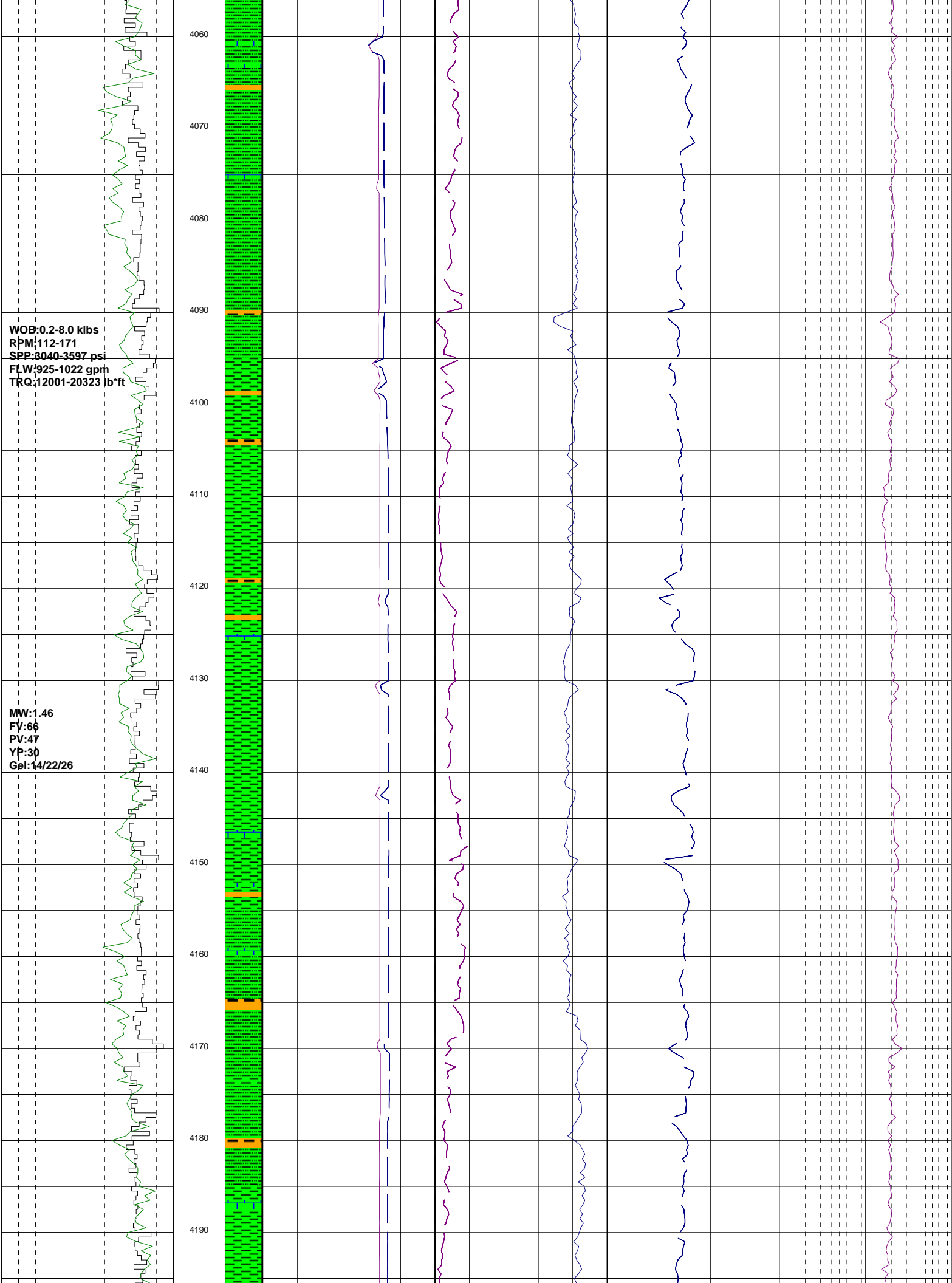
01-09-14











WOB:0.1-9.3 klbs
RPM:150-177
SPP:3402-3673 psi
FLW:979-1024 gpm
TRQ:12051-20353 lb*ft

MW:1.46
FV:65
PV:44
YP:26
Gel: 14/22/26

WOB:0.0-9.6 klbs
RPM:70-186
SPP:3402-3843 psi
FLW:983-1048 gpm
TRQ:10995-21932 lb*ft

9 5/8" CSG SHOE @ 4301.7mMDRT

03-09-14

Bit #4 BHI KYMERA HP524
S/N: 7042989
SIZE: 8.5"
JETS:2x14, 2x18
IN:4312.0m,OUT:4824.0m
RUN:512.0m HRS:72.12
COND:2-8-JD-G-X-1/2-LM-PR
3-8-JD-G-F-1/2-PB-PR

12-09-14

MW:1.20
FV:57
PV:20

4200

4210

4220

4230

4240

4250

4260

4270

4280

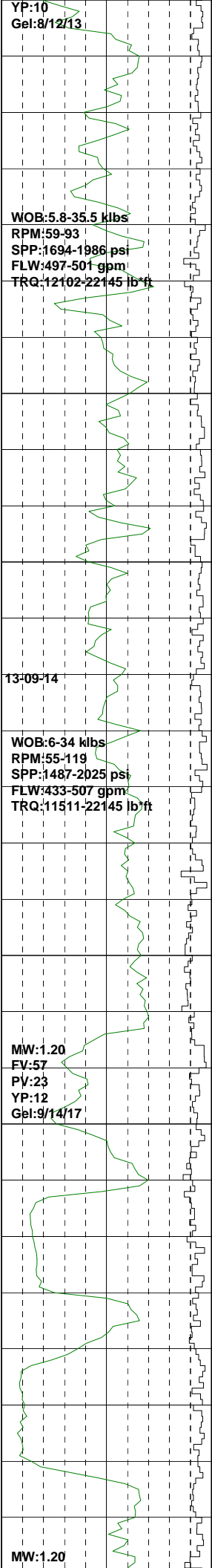
4290

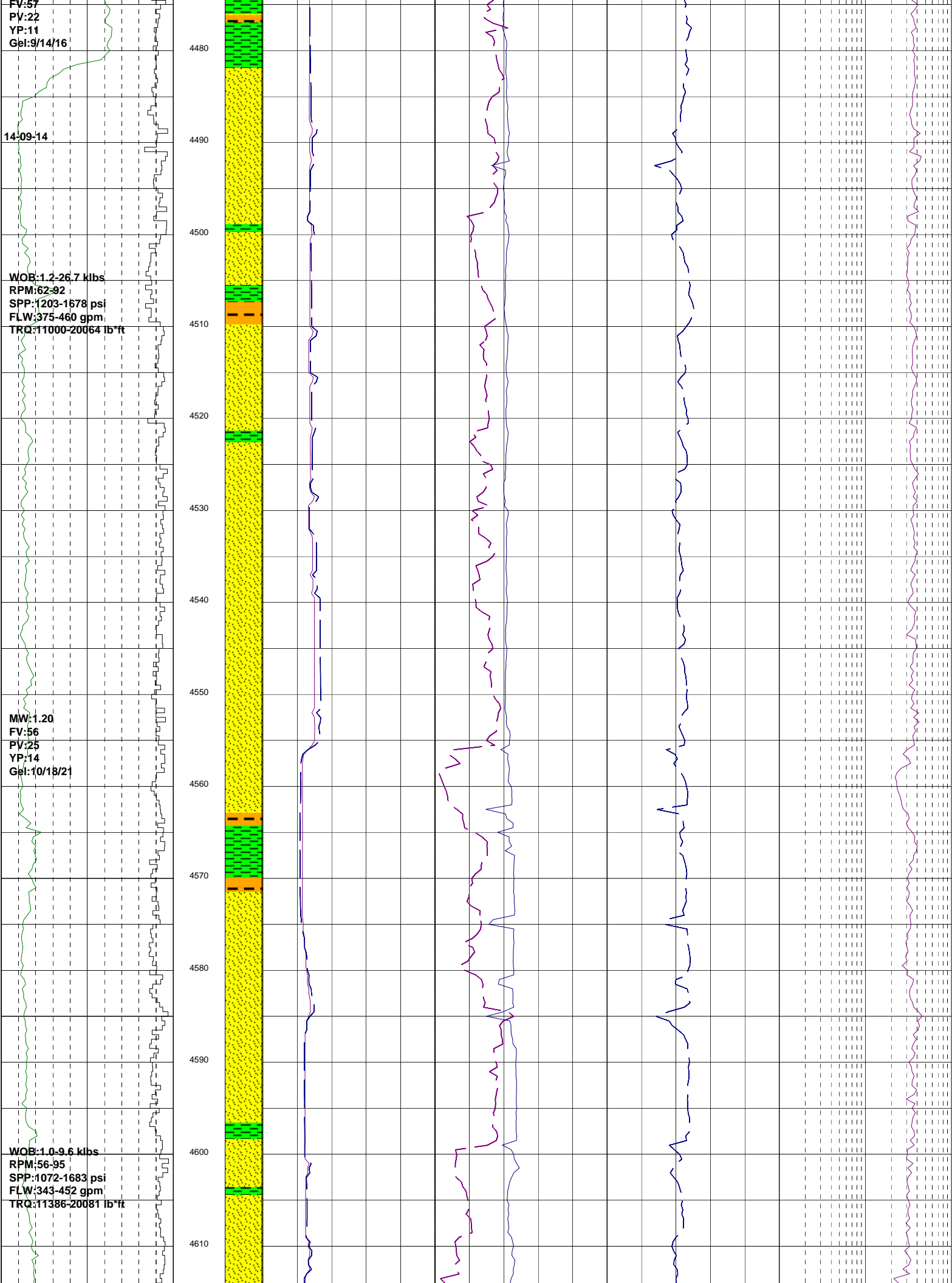
4300

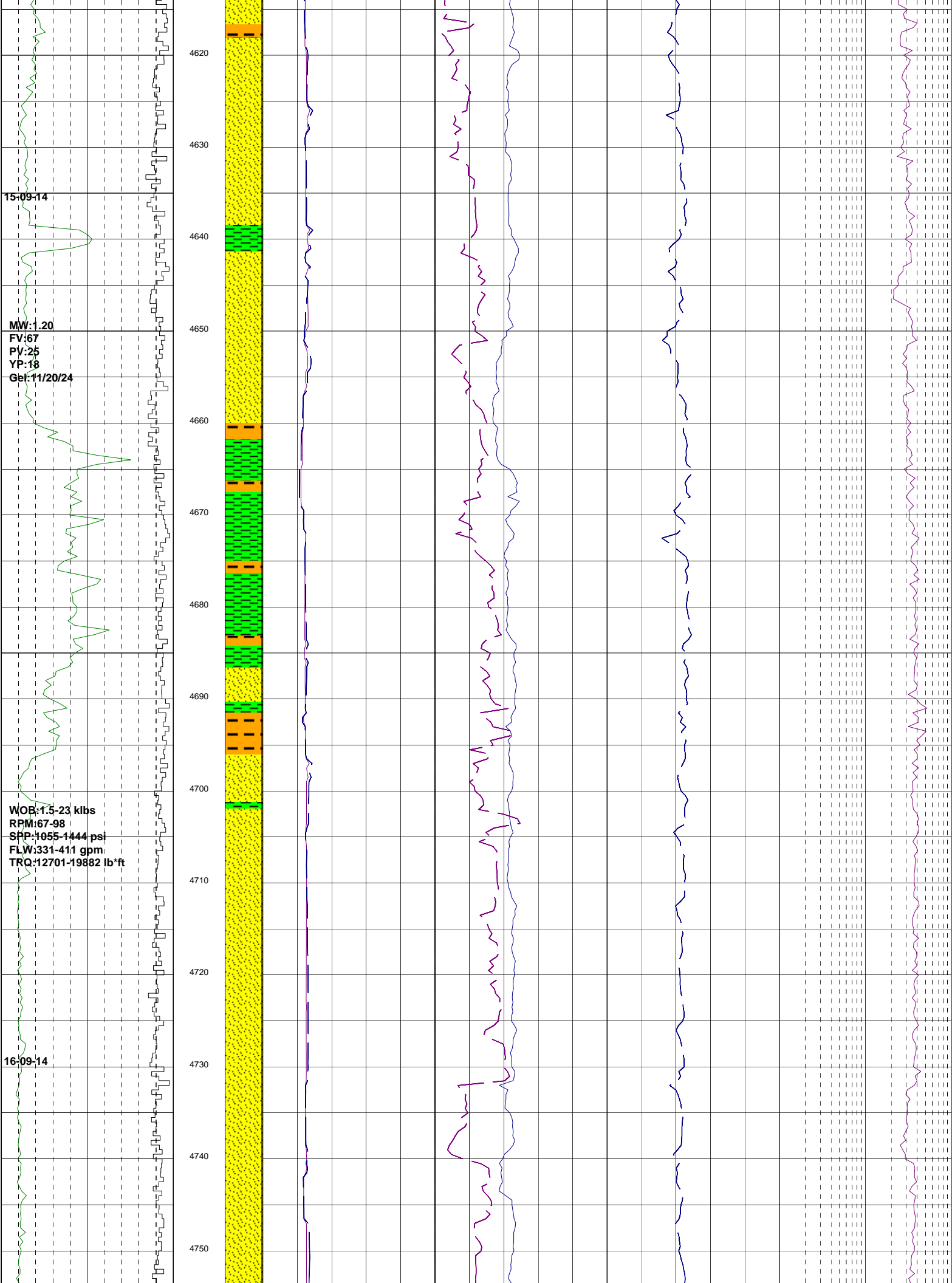
4310

4320

4330







MW:1.20
FV:67
PV:26
YP:16
Gel:9/18/23

WOB:3.4-25 klbs
RPM:74-97
SPP:1172-1367 psi
FLW:354-383 gpm
TRQ:14492-19789 lb*ft

MW:1.21
FV:72
PV:26
YP:18
Gel:10/20/23

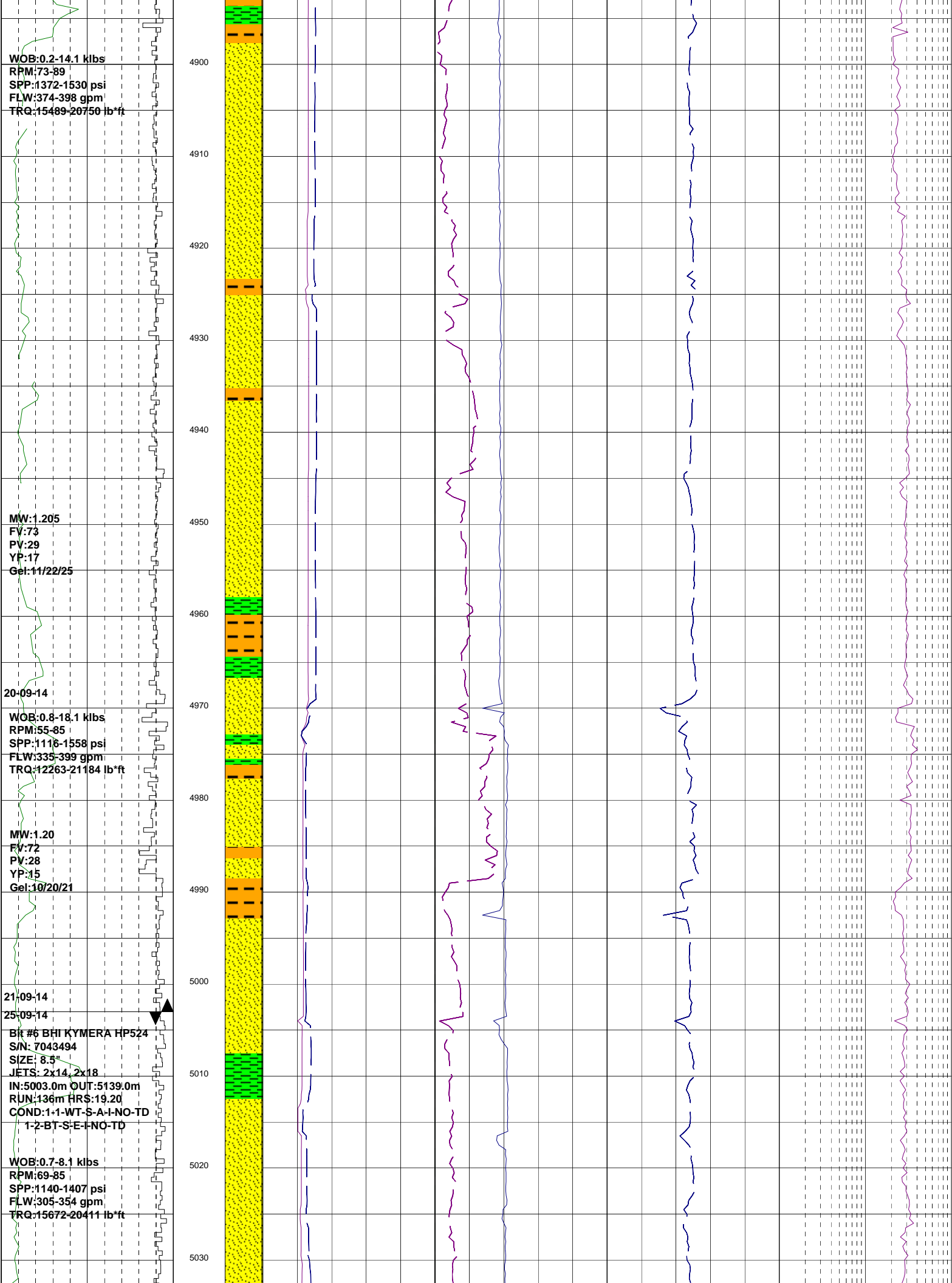
16-09-14

18-09-14

19-09-14

Bit #5 BHI KYMERA KM524
S/N: 7041368
SIZE: 8.5"
JETS:2x14, 2x18
IN:4824.0m OUT:5003.0m
RUN:179.0m HRS:19.27
COND:1-4-BT-S-X-4-JD-HP
1-8-BT-G-E-I-JD-HP





MW:1.18
FV:79
PV:31
YP:17
Gel:13/22/28

27-09-14

MW:1.18
FV:80
PV:31
YP:21
Gel:13/25/28

WOB:0.7-9.2 klbs
RPM:54-85
SRP:1140-1407 psi
FLW:303-353 gpm
TRQ:15672-20411 lb*ft

MW:1.18
FV:83
PV:31
YP:22
Gel:14/24/27

7" LINER SHOE @ 5135.0mMDRT

PRELUDE P1 ST1 Total Depth of
5139.0mMDRT, 4104.9mTVDRT
reached @ 17:15 hrs on 27-09-2014