



# DRILLING DATA PLOT

WELL : PRELUDE P1 ST1

FROM (m): 250

TO (m): 5145

SCALE: 1/ 200

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

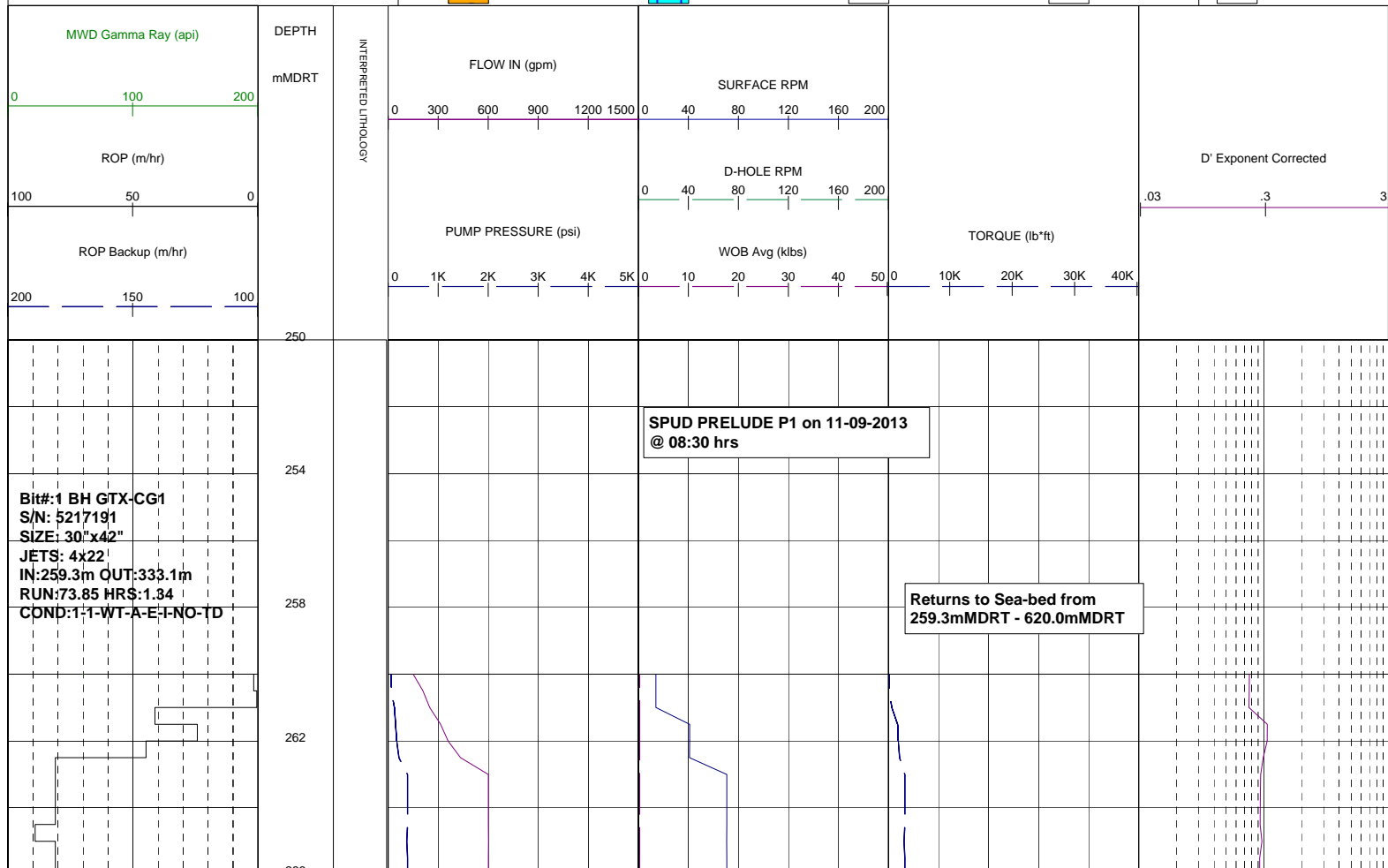
MW MUD WEIGHT	NB NEW BIT
FV FUNNEL VISCOSITY	RR RERUN BIT
PV PLASTIC VISCOSITY	CB CORE BIT
YP YIELD POINT	WOB WEIGHT ON BIT
FC FILTER CAKE	RPM REVS PER MINUTE
SOL SOLIDS	FLC FLOW CHECK
WL FILTRATE	CR CIRCULATE RETURNS
SD SAND - %	PR POOR RETURNS
S SALINITY - PPM	NR NO RETURNS
RM MUD RESISTIVITY	BG BACKGROUND 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

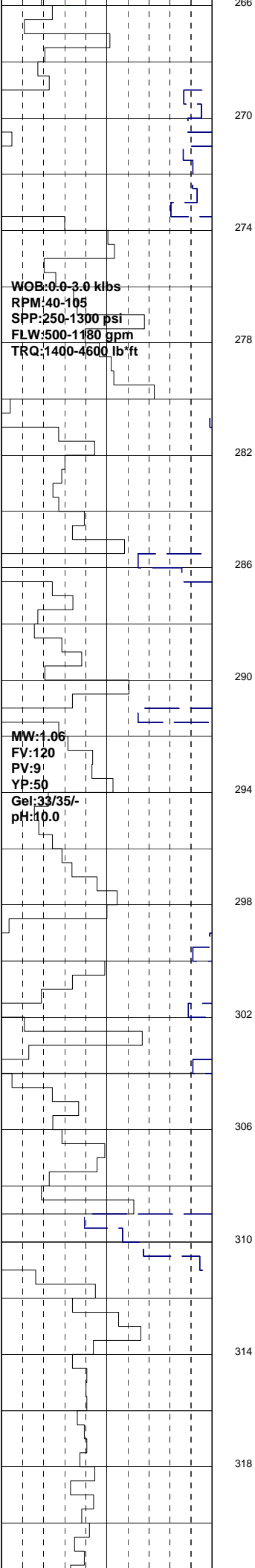
## LITHOLOGY LEGEND

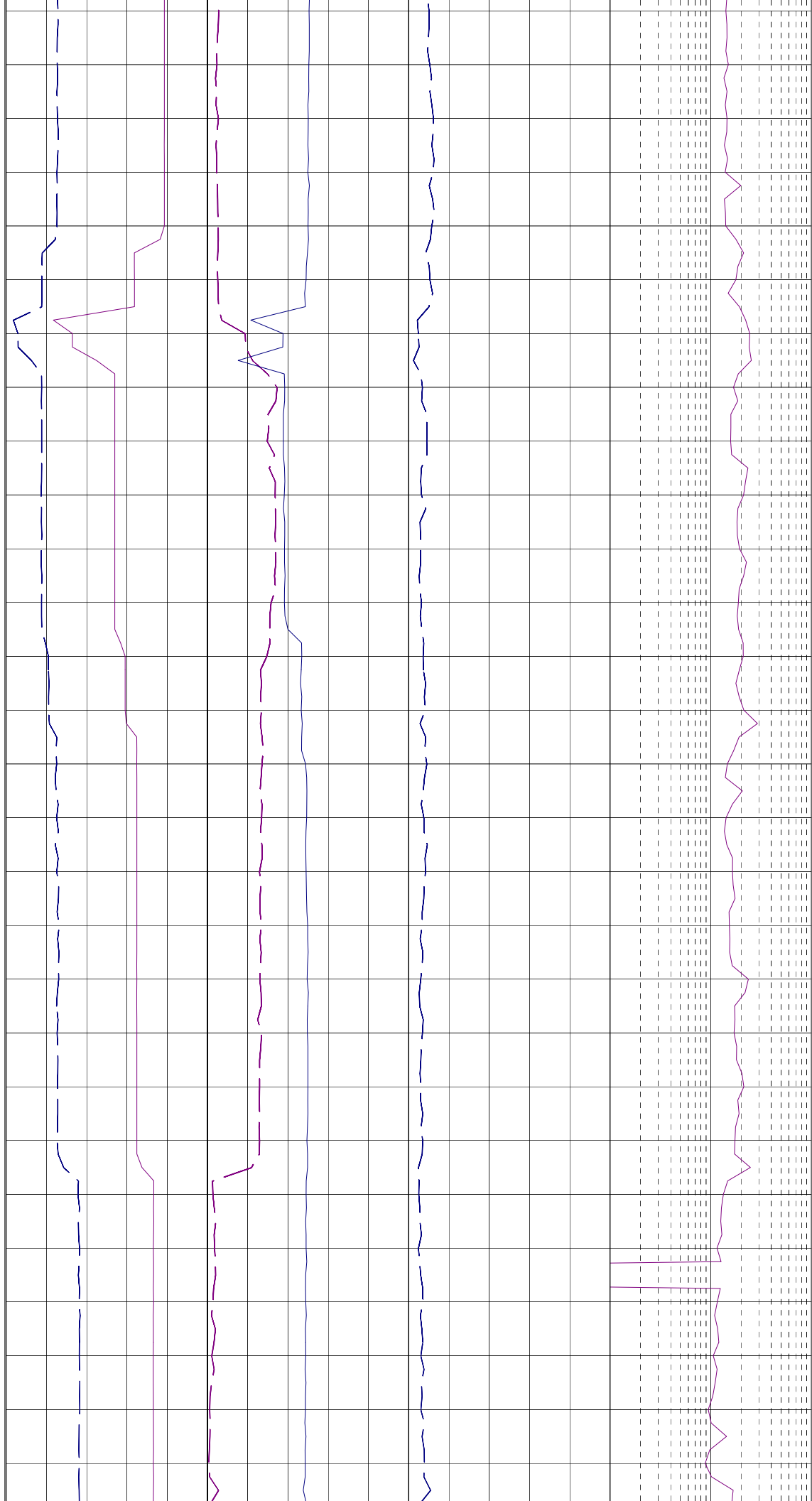
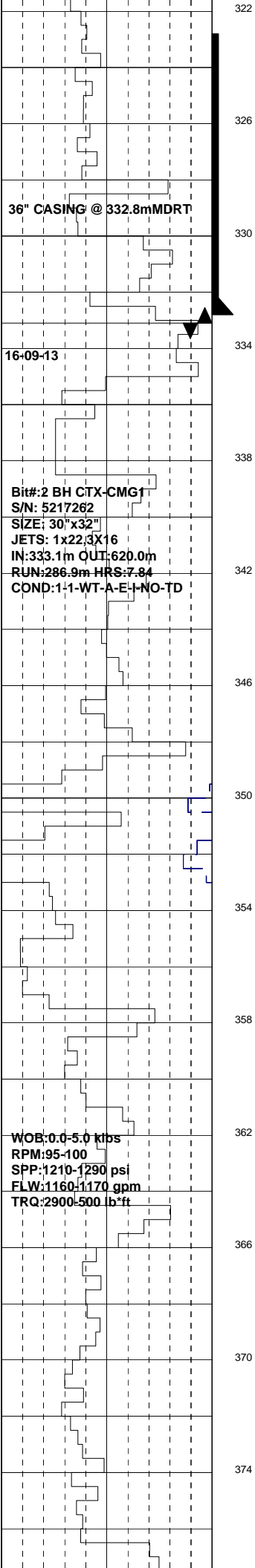
	Claystone		Sandstone 1		Calcarenite		Calcareous
	Silty Claystone		Sandstone 2		Calclrudite		Dolomitic
	Sandy Claystone		Arg Sandstone		Arg Calcilutite		Fossils
	Calc Claystone		Silty Sandstone		Dolomite		Foraminiferae
	Siltstone		Calc Sandstone		Cement		Lignitic shale
	Arg Siltstone		Dolo Sandstone	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

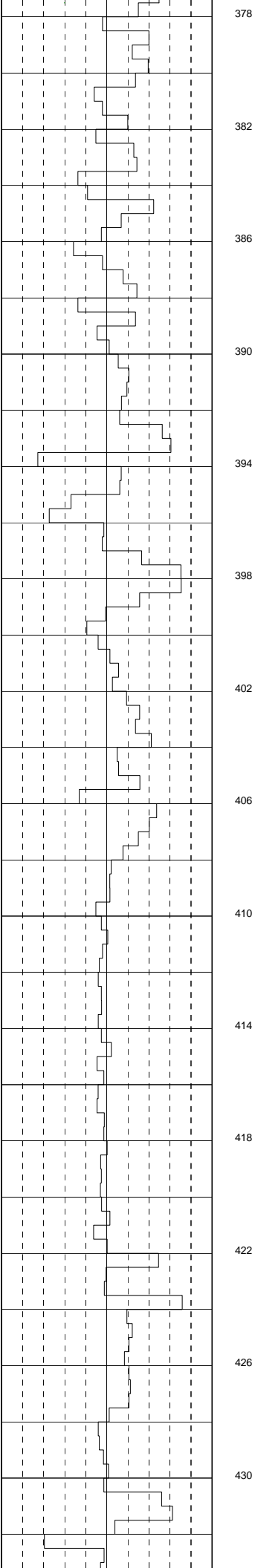
## ENGINEERING

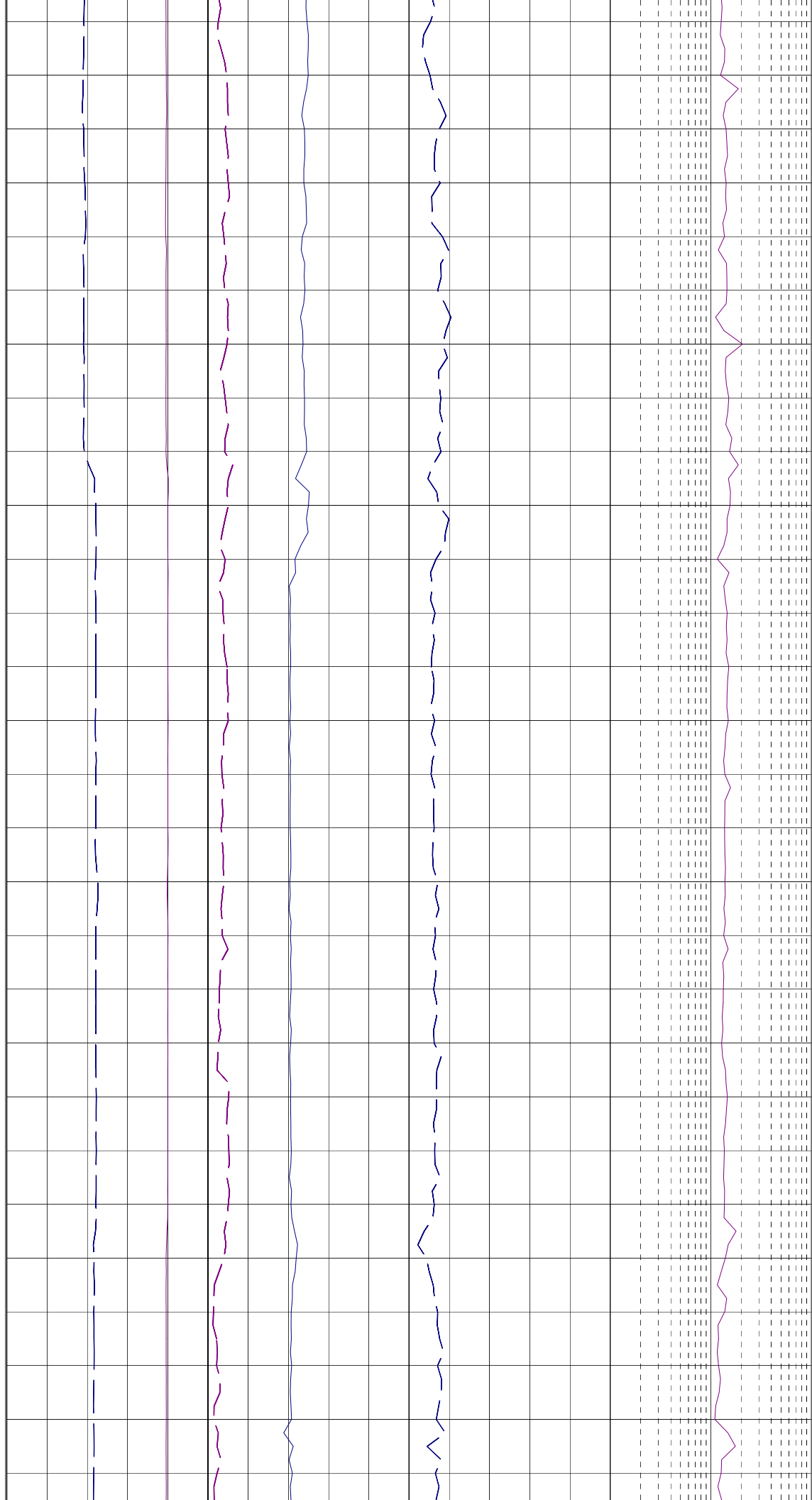
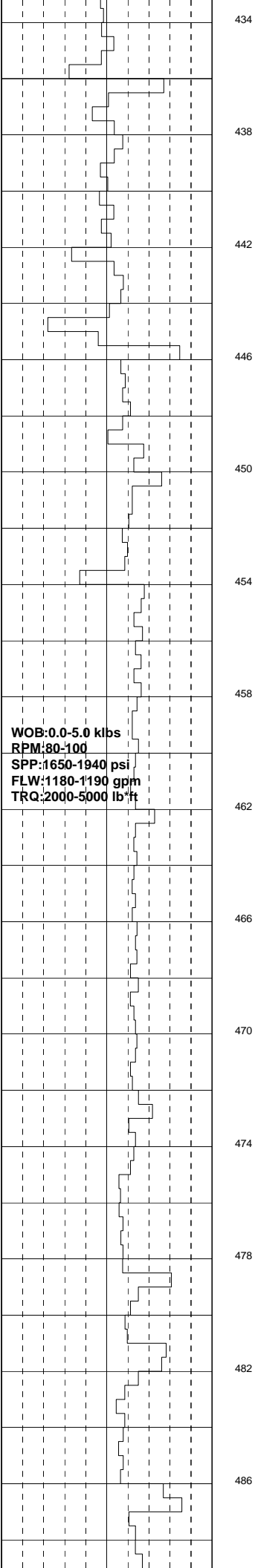
	Core
	Mud gain
	Mud loss
	Sidewall core
	Survey
	FIT
	Casing shoe

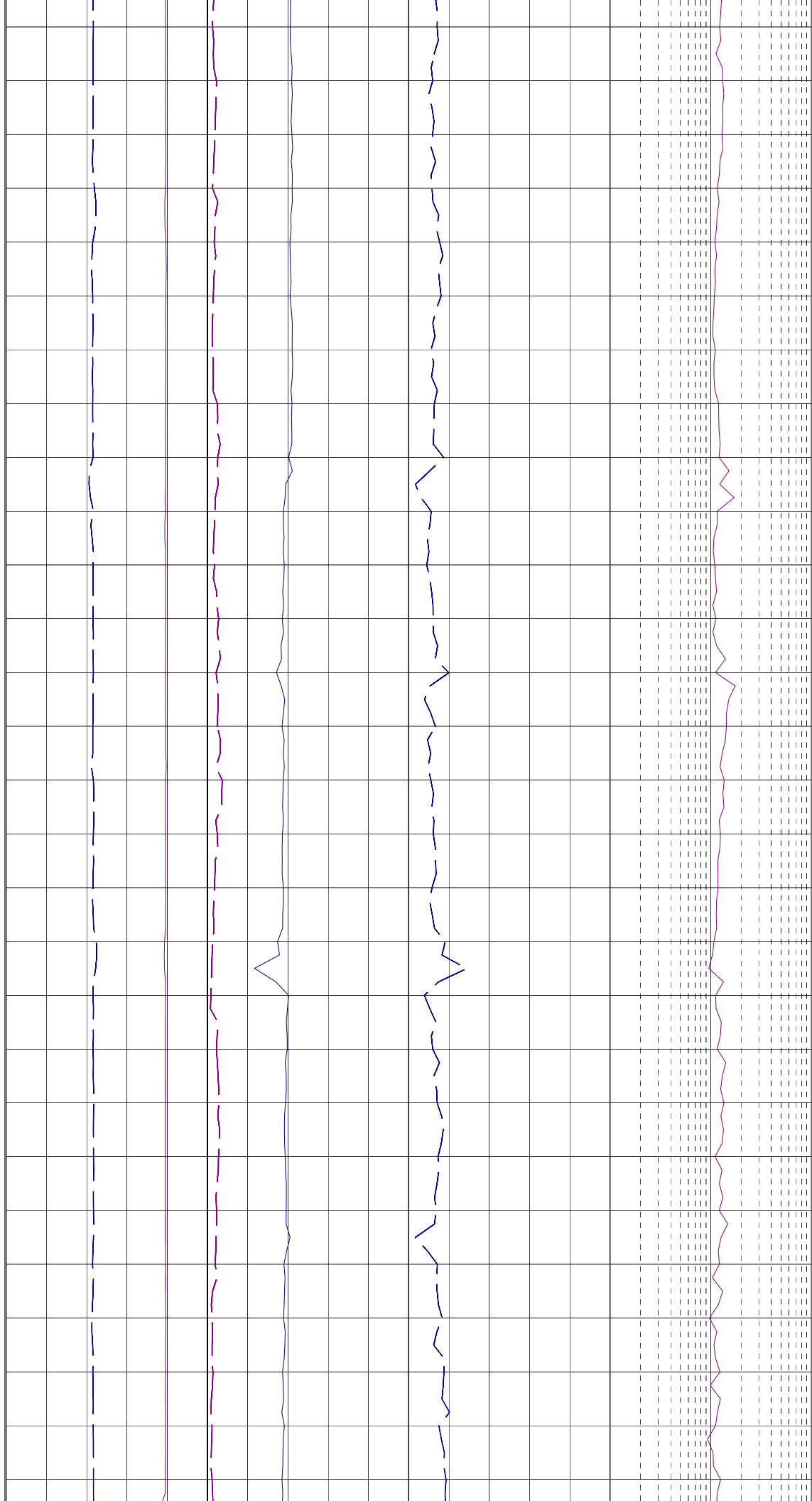
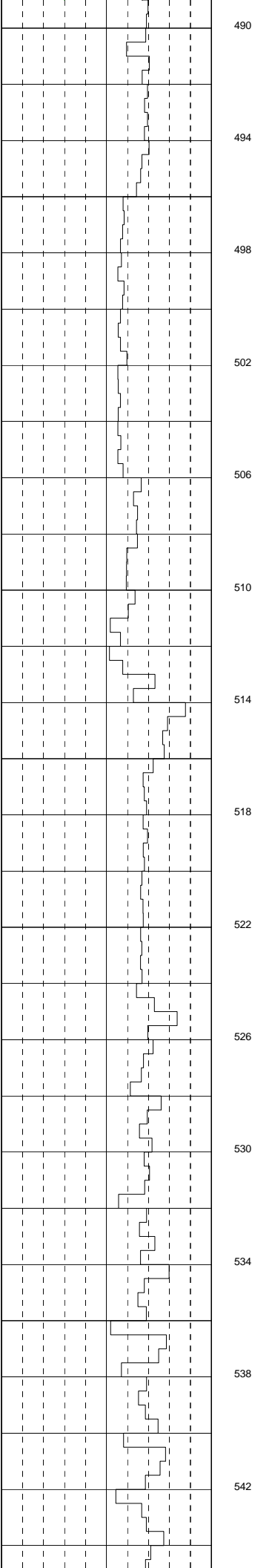


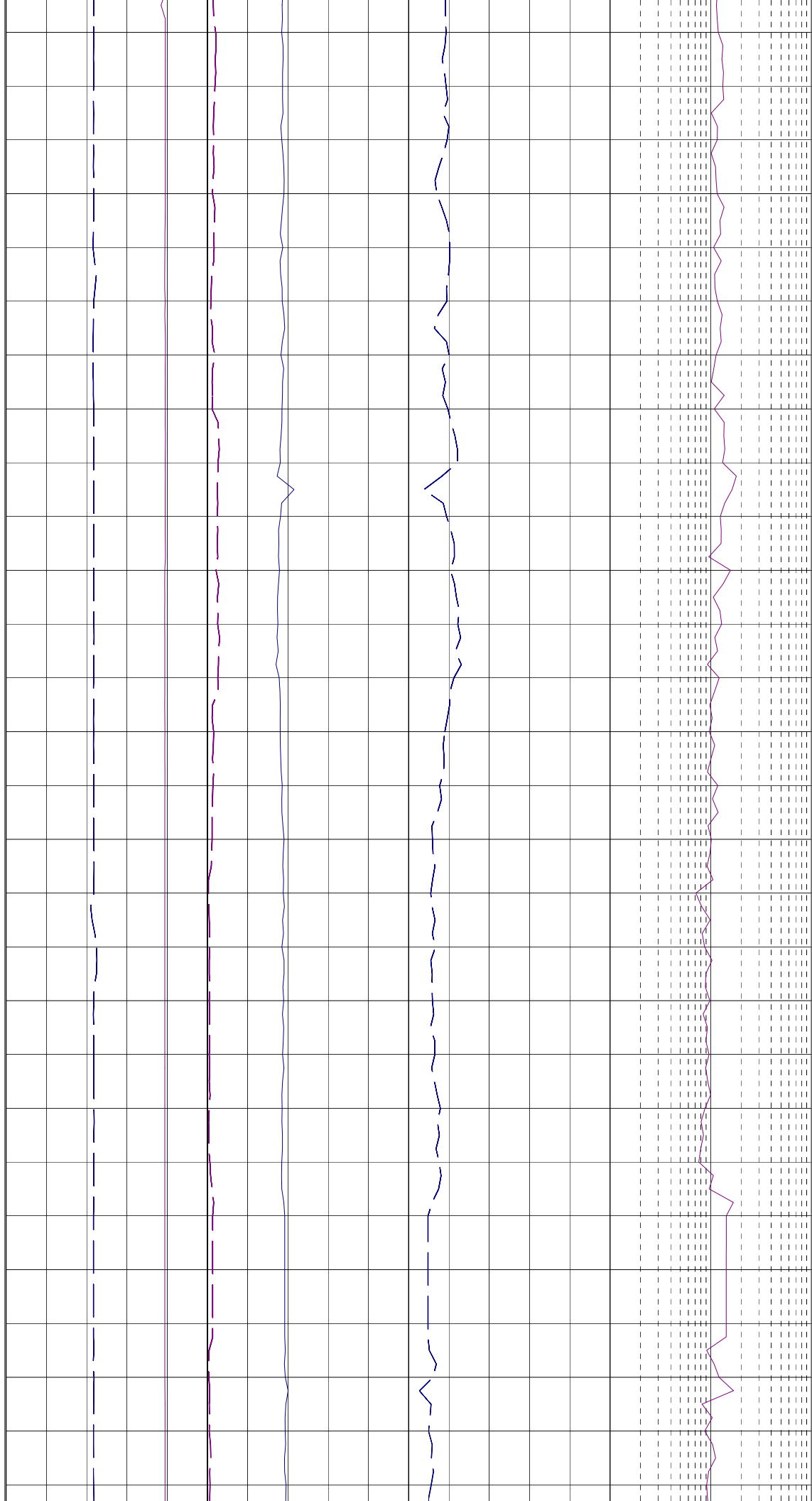
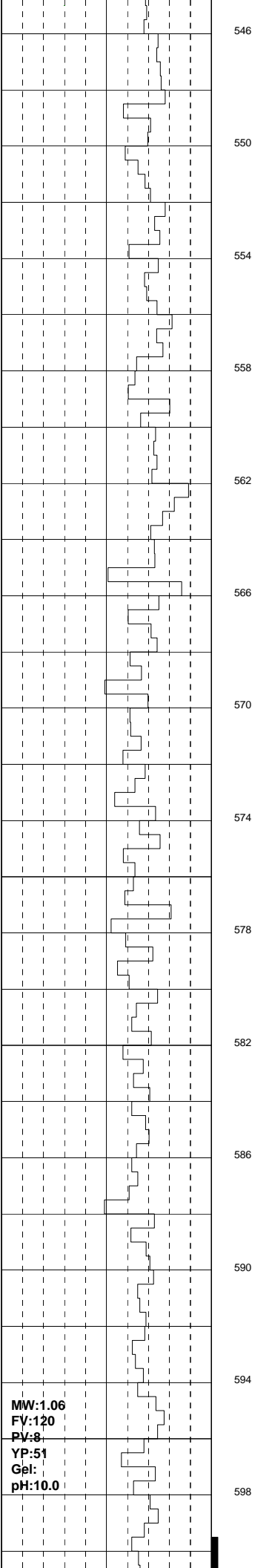






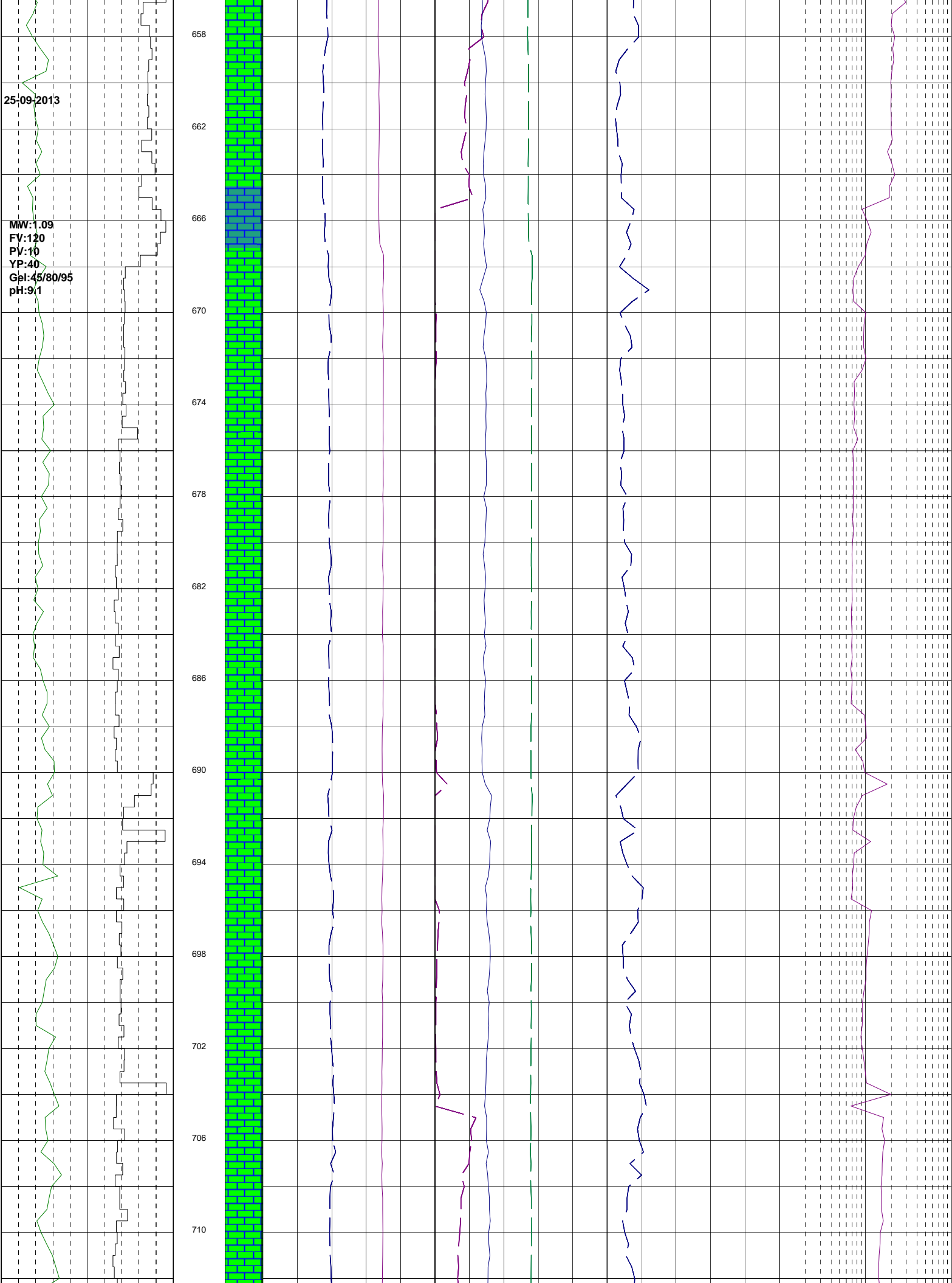


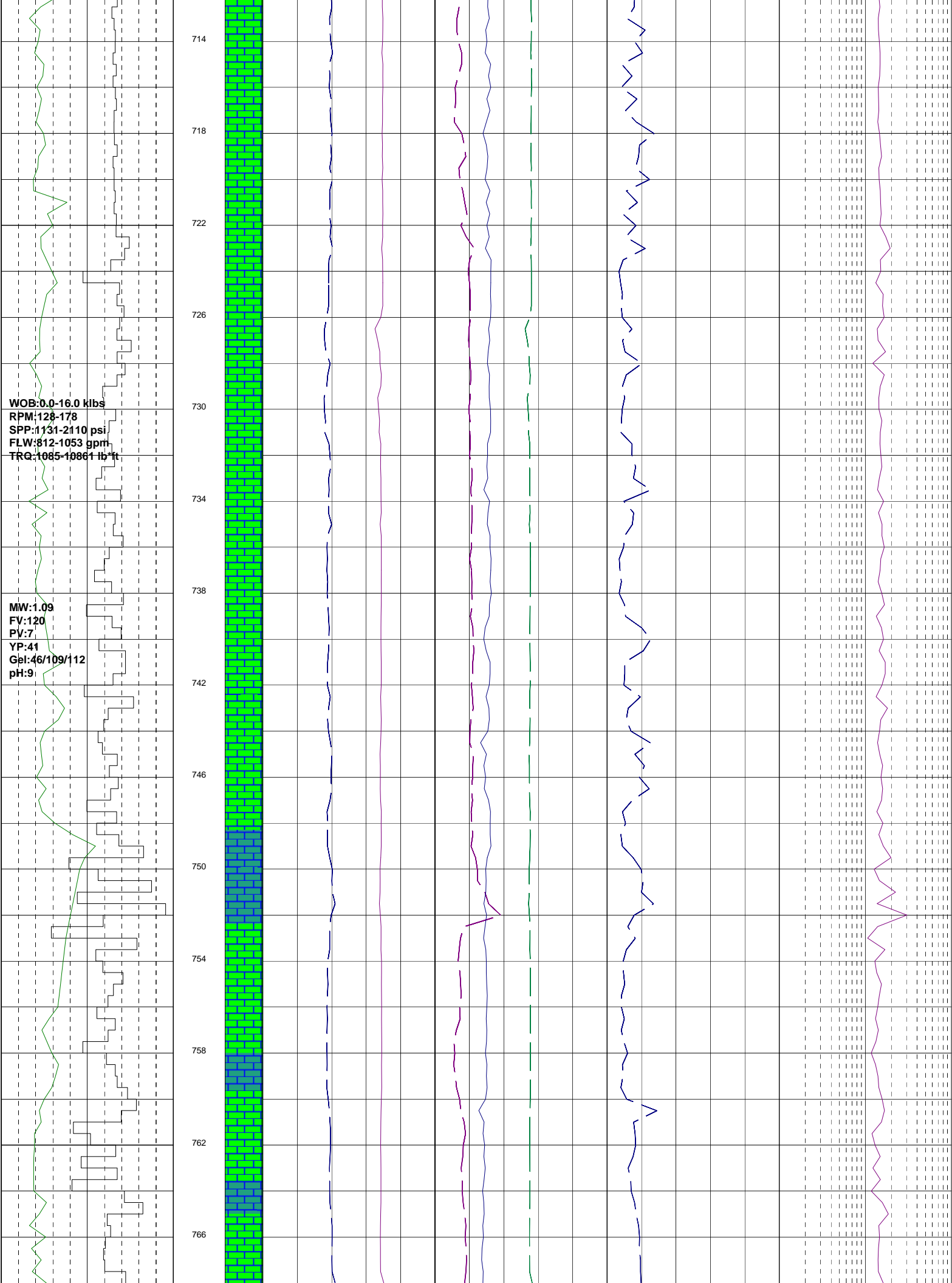


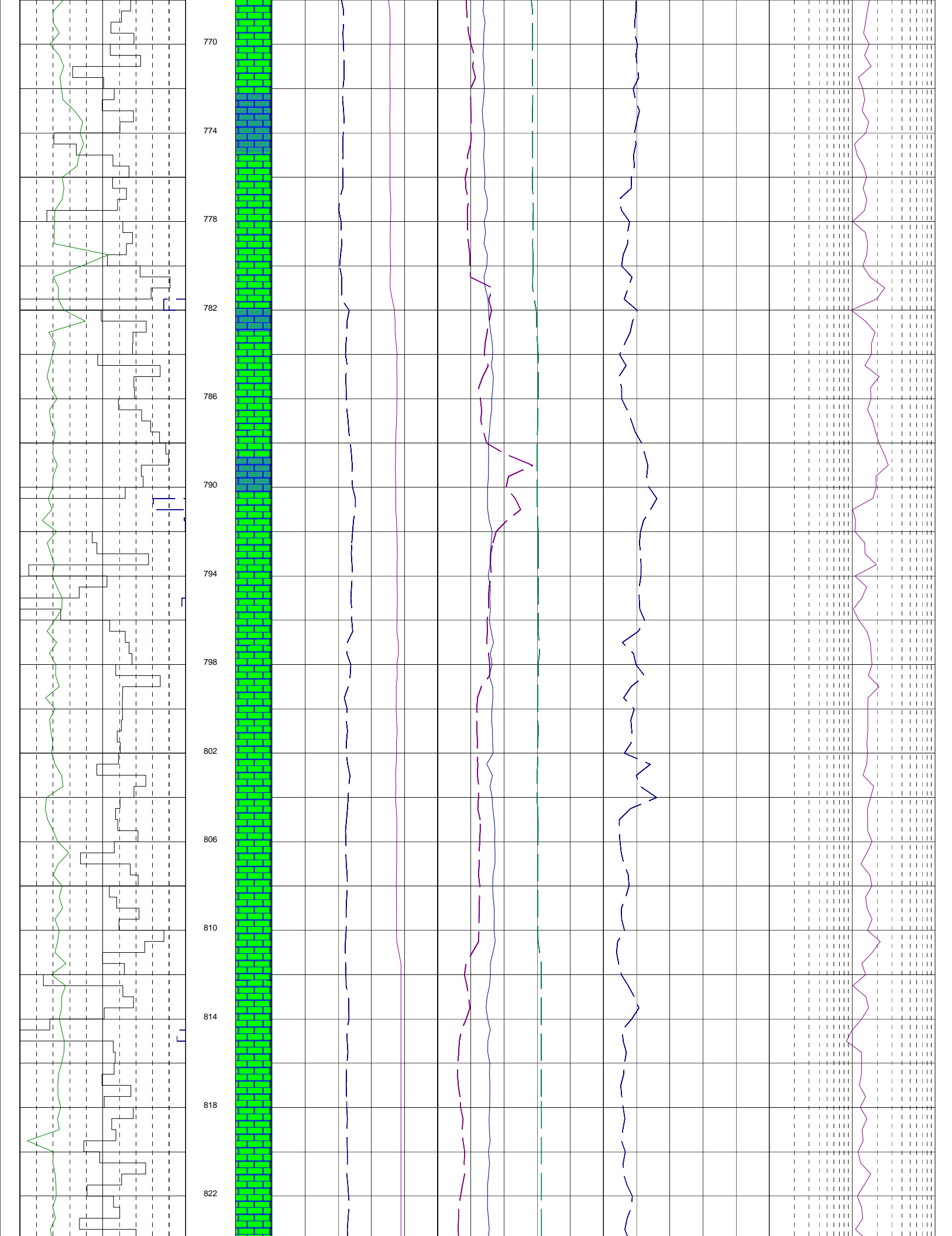


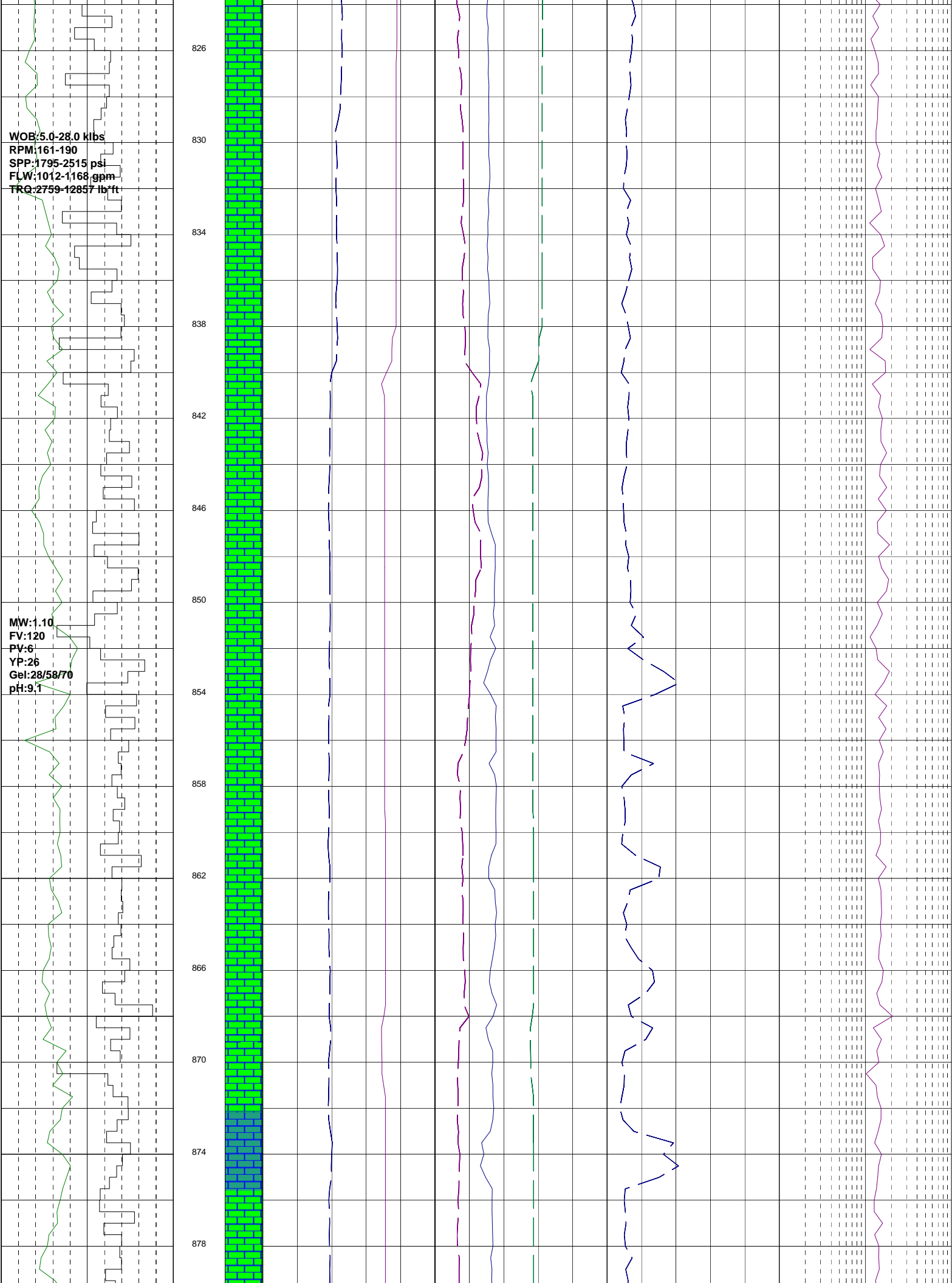


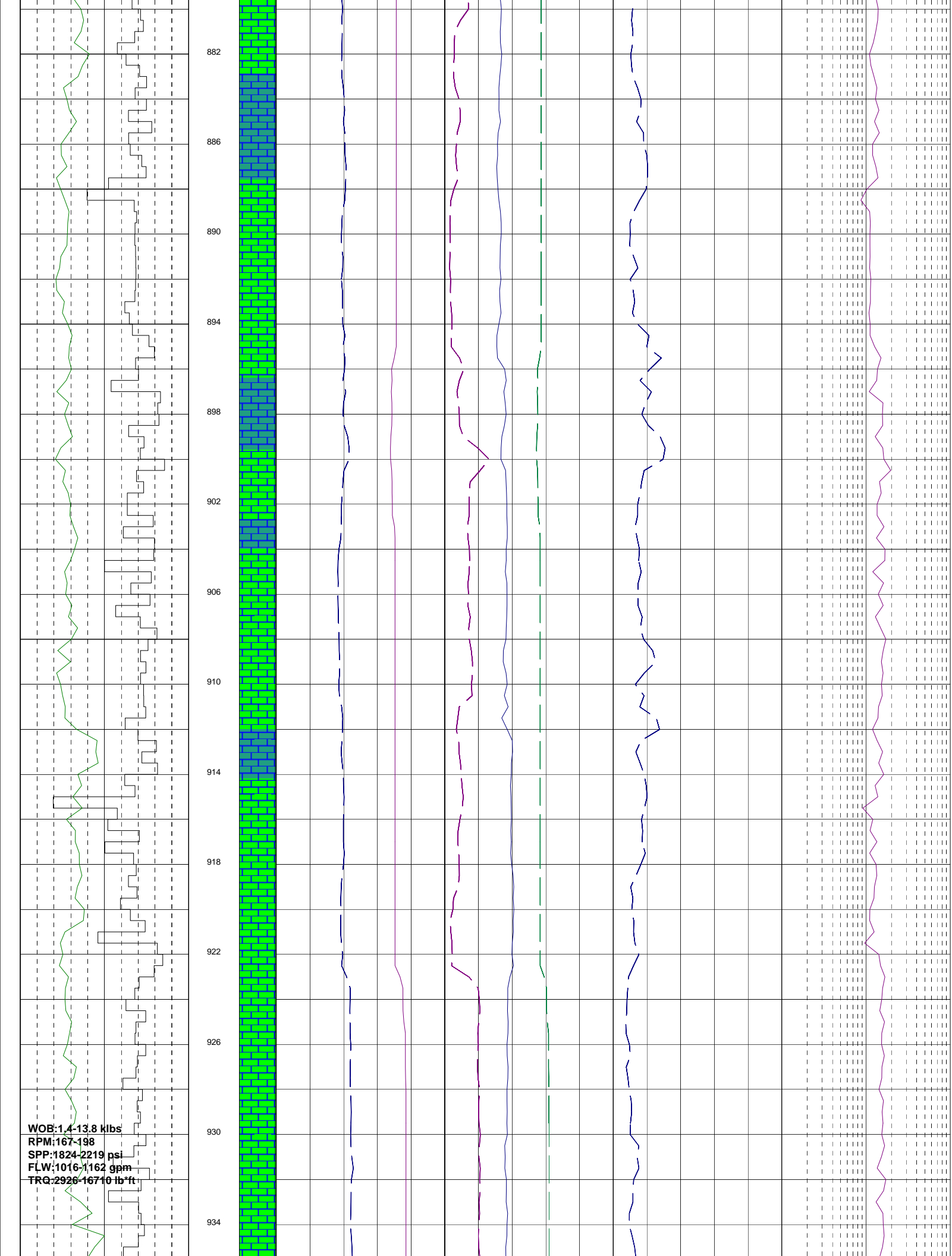


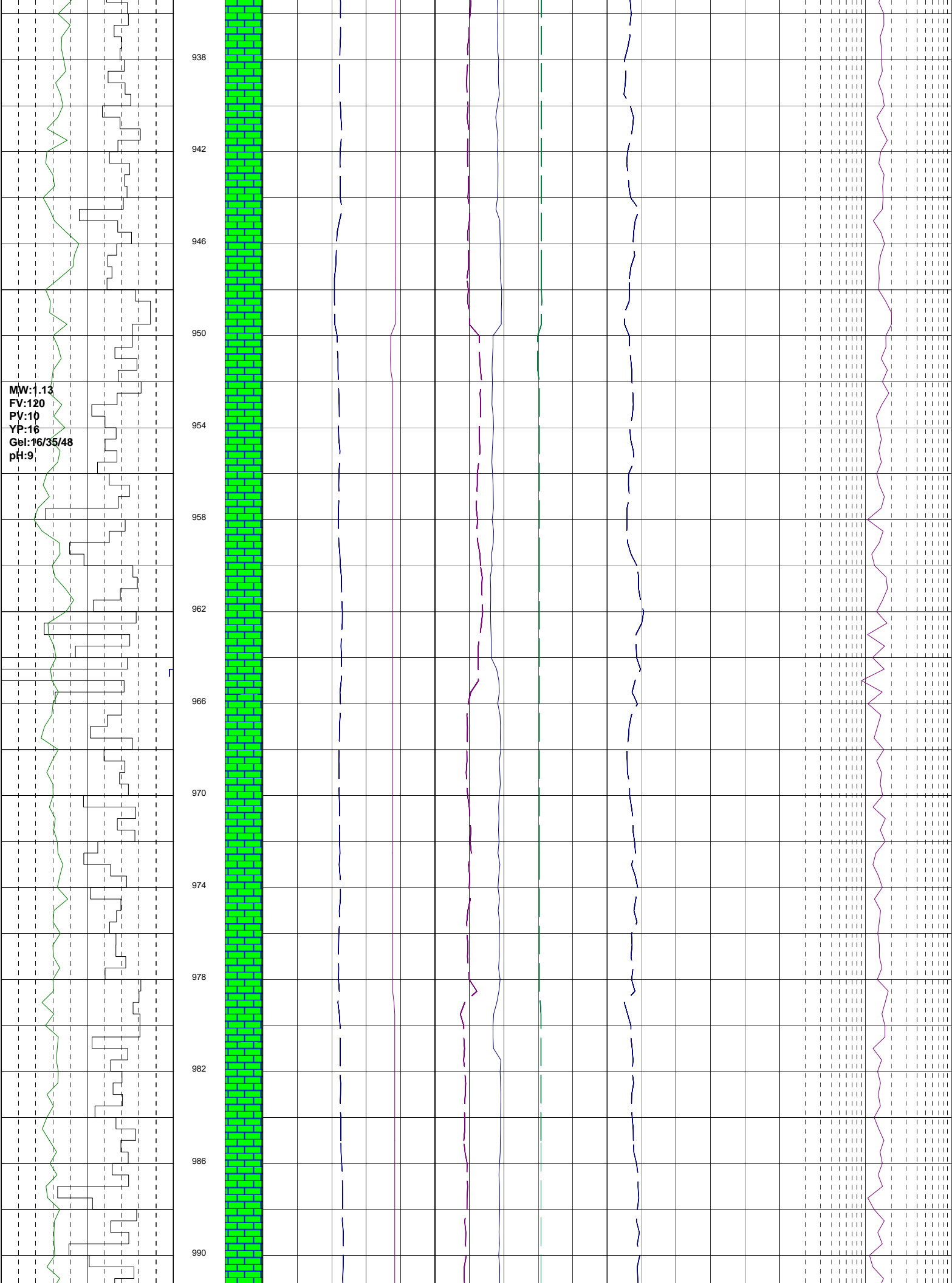


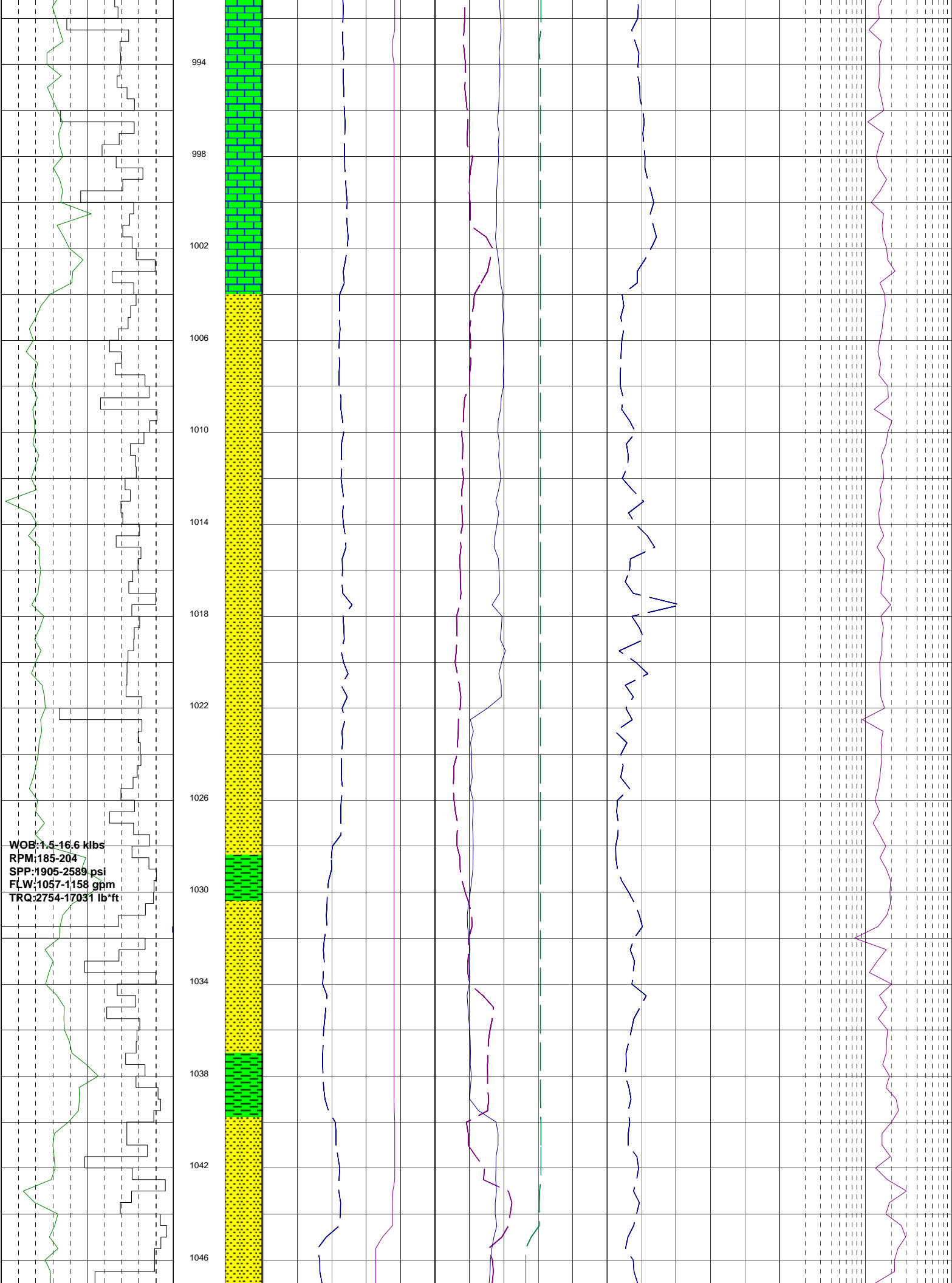


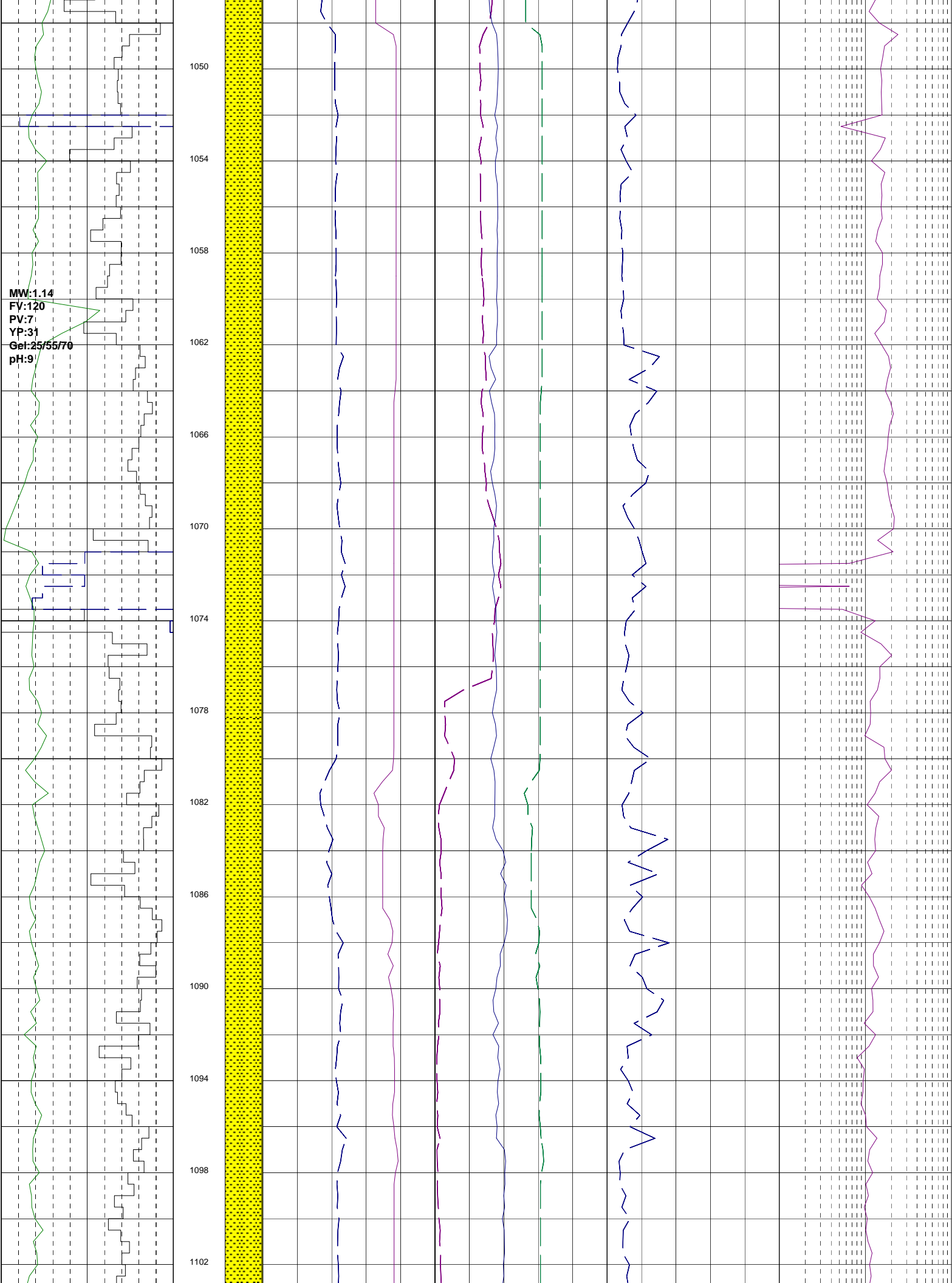




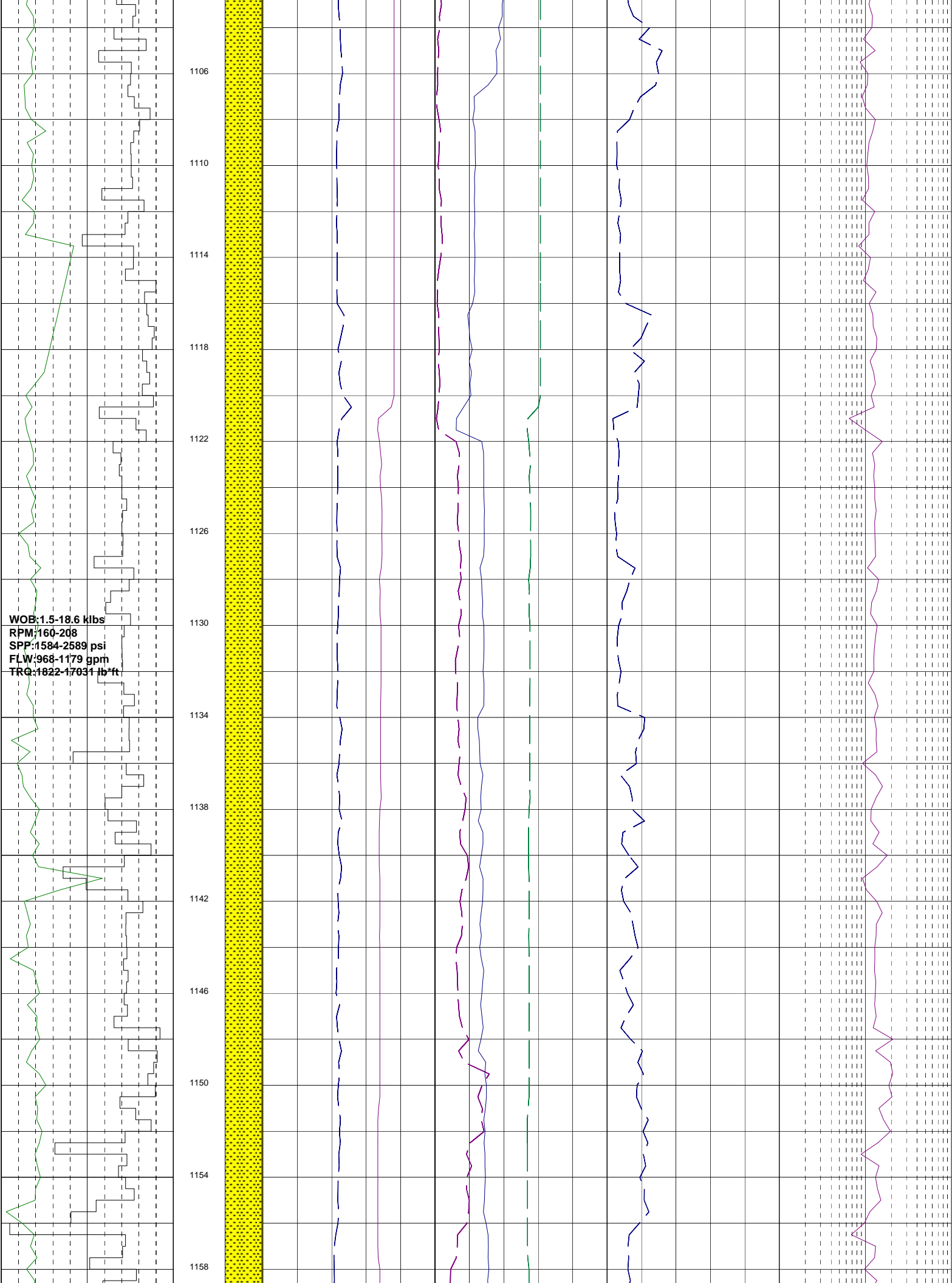


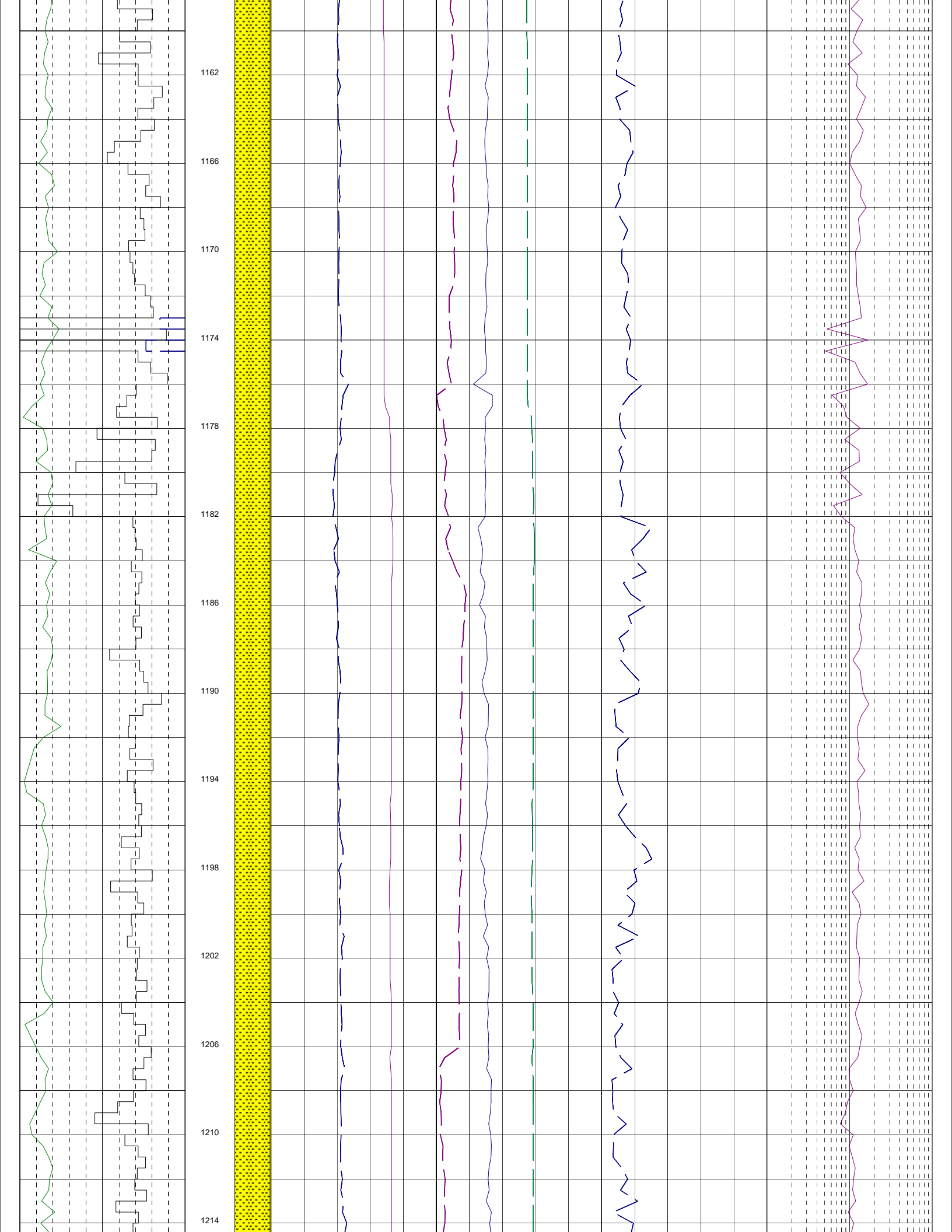


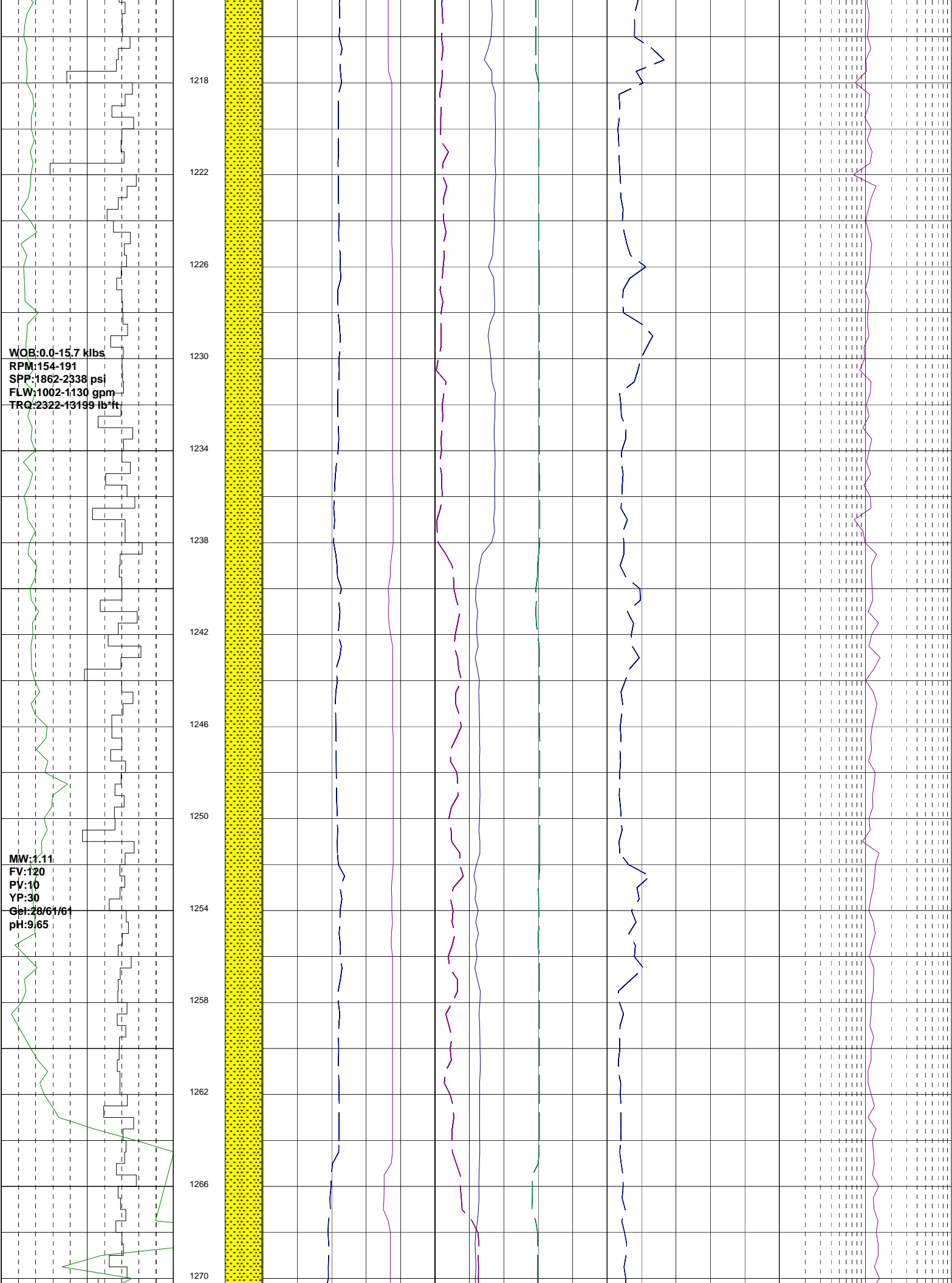


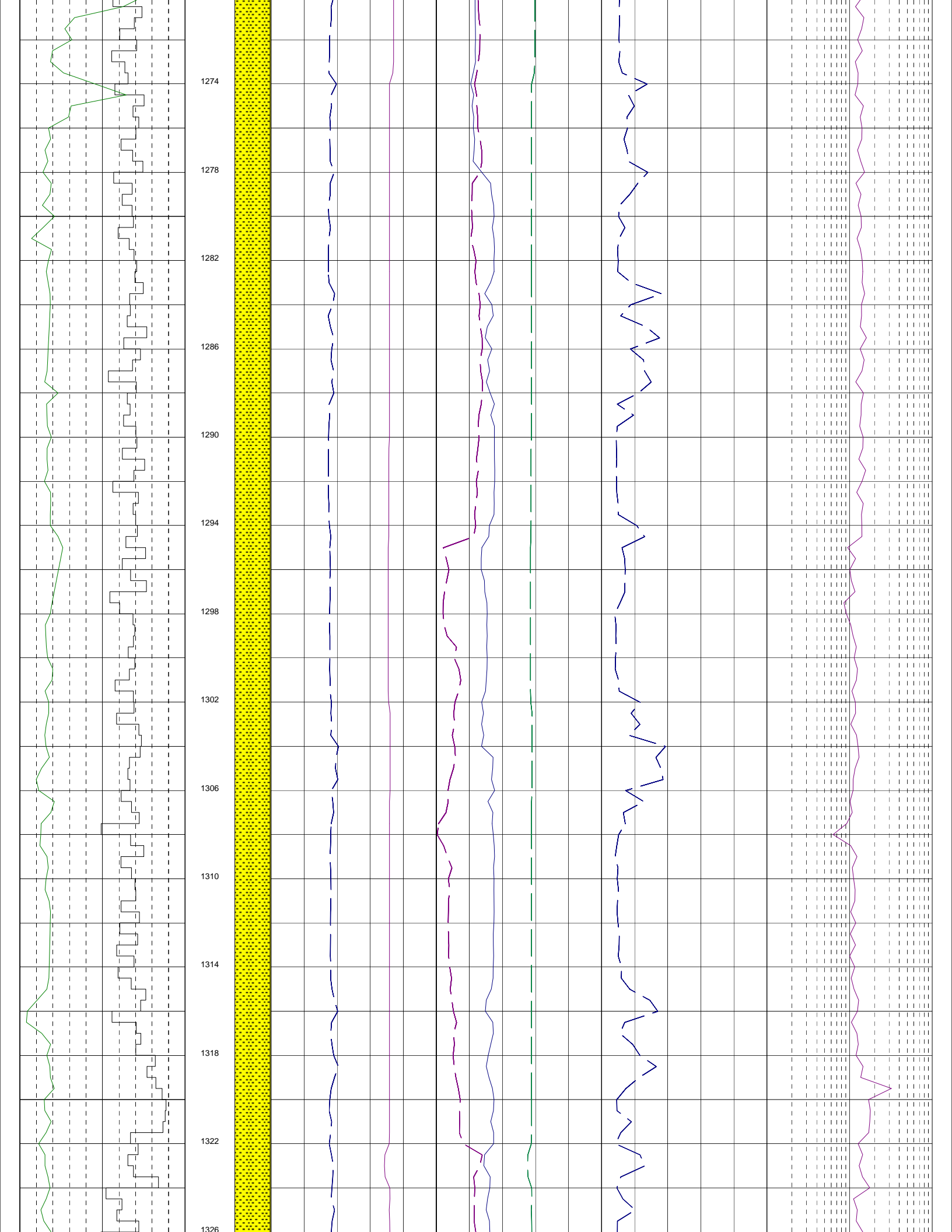


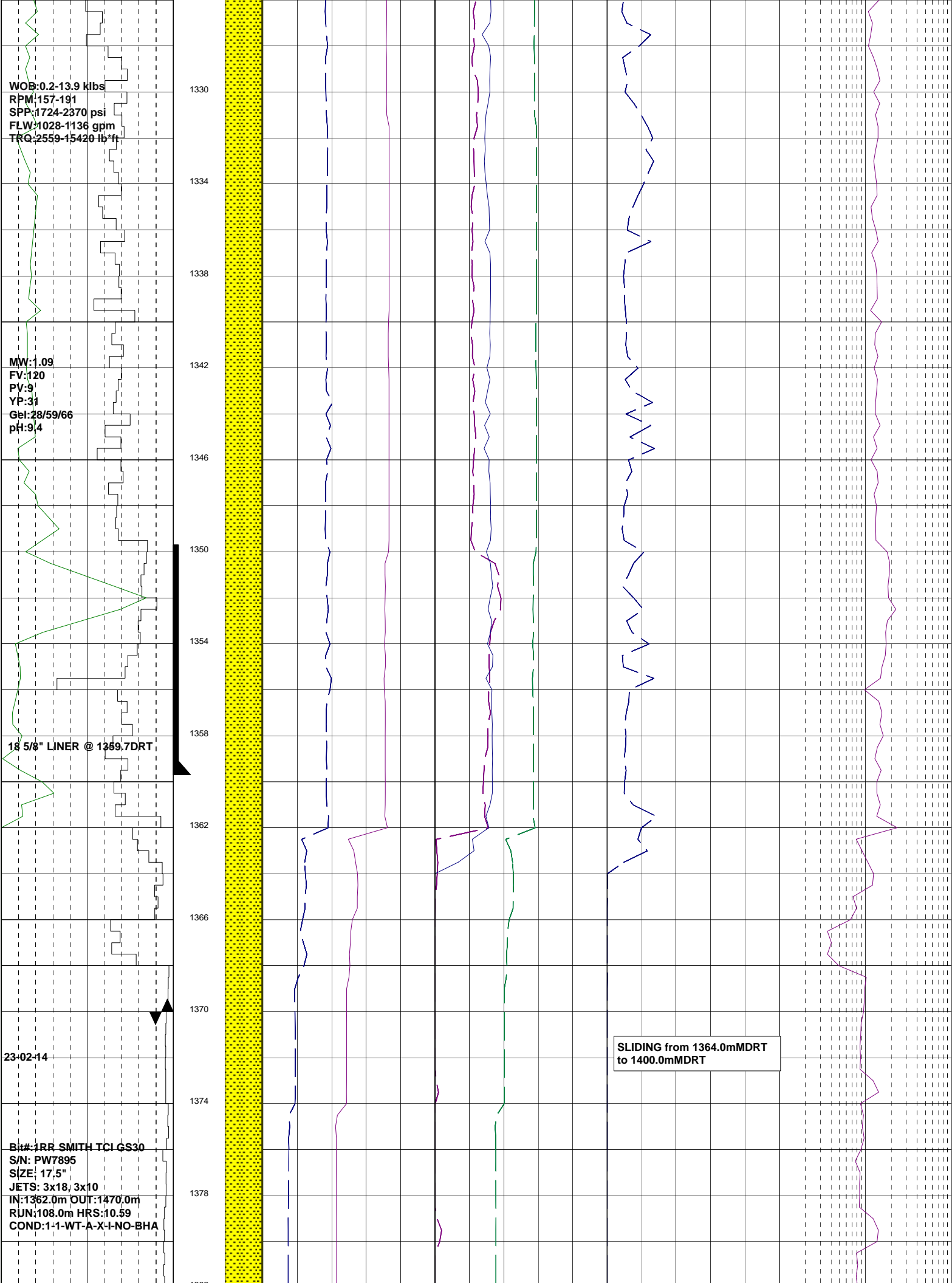


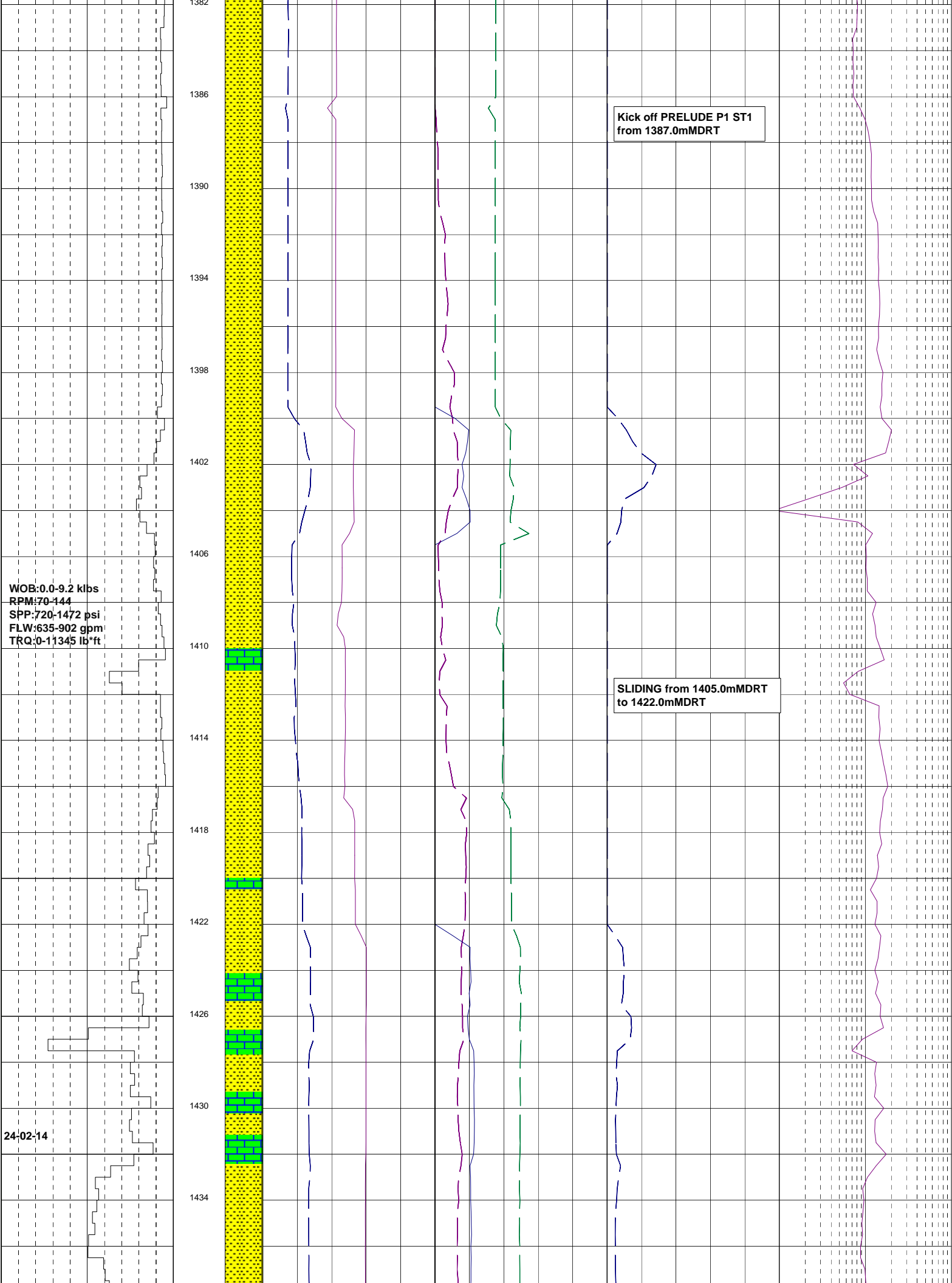


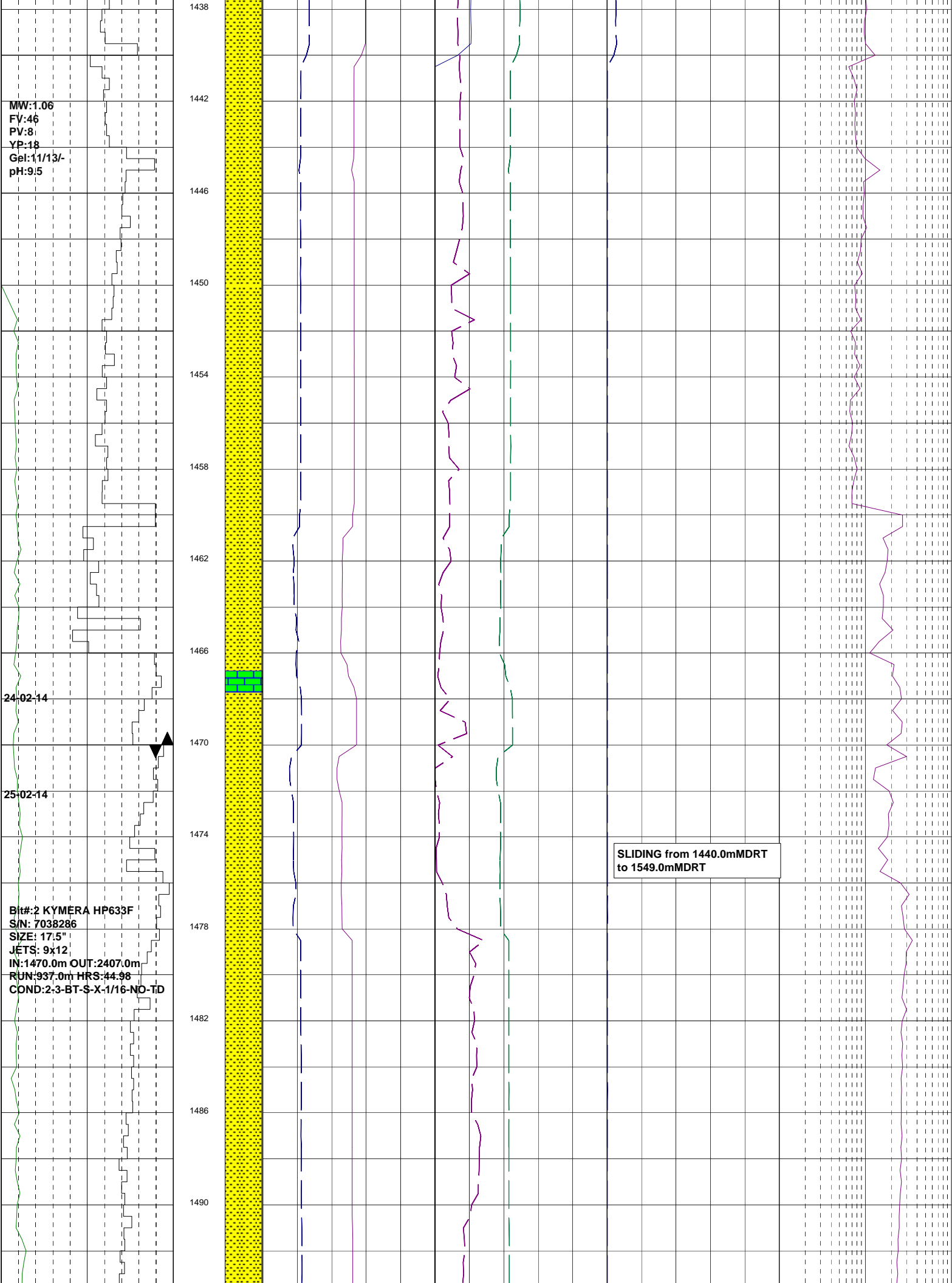


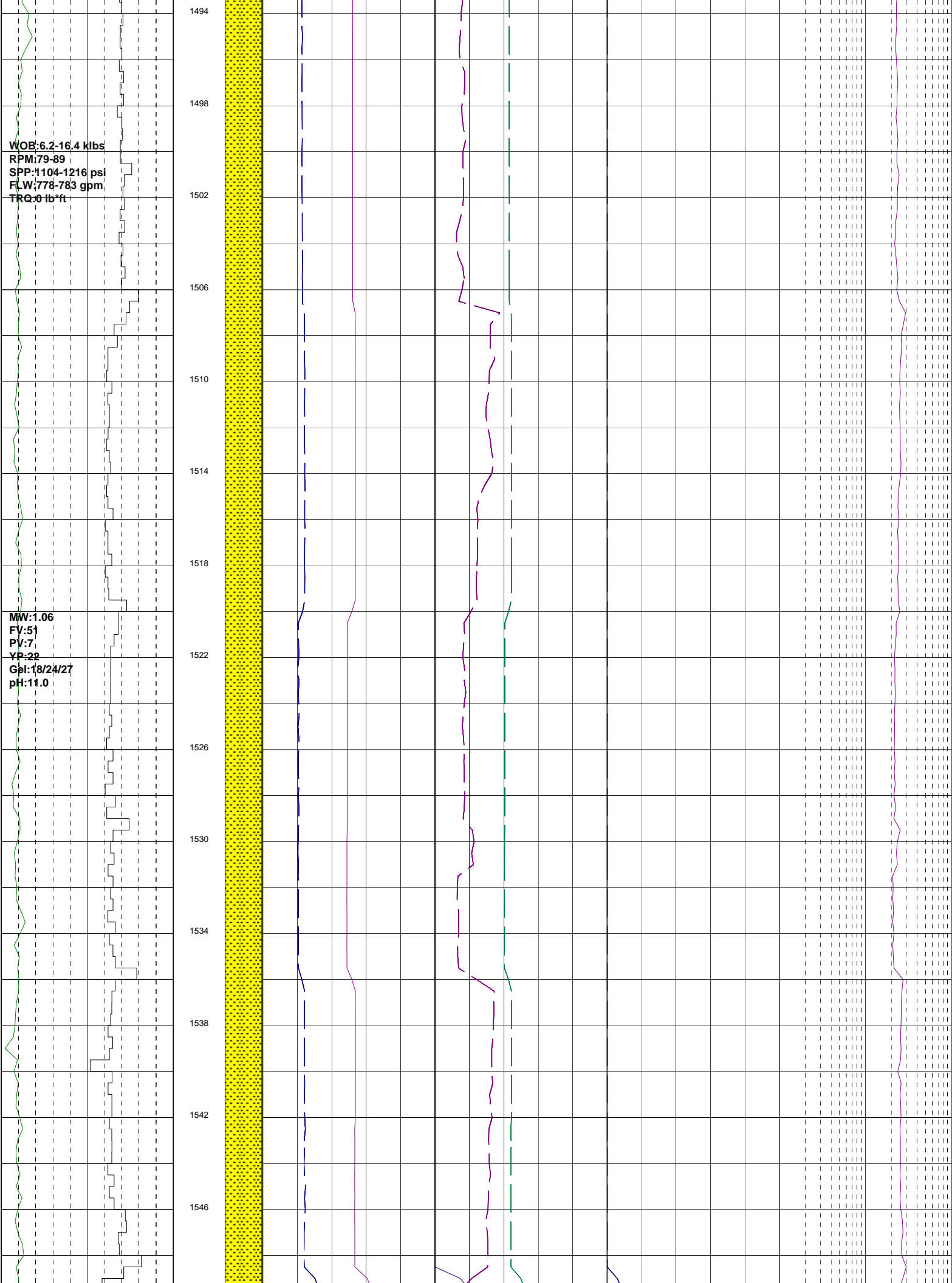




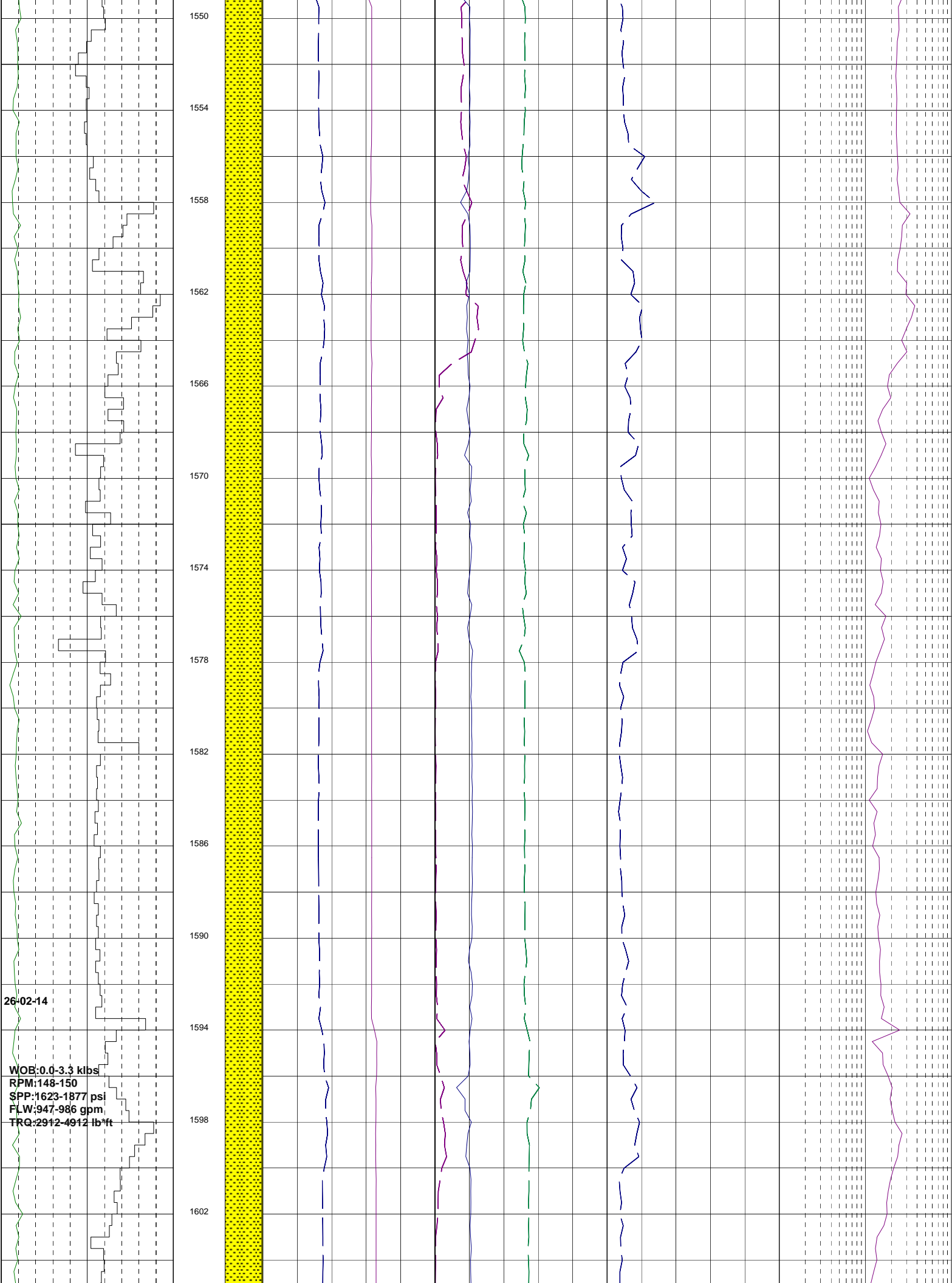


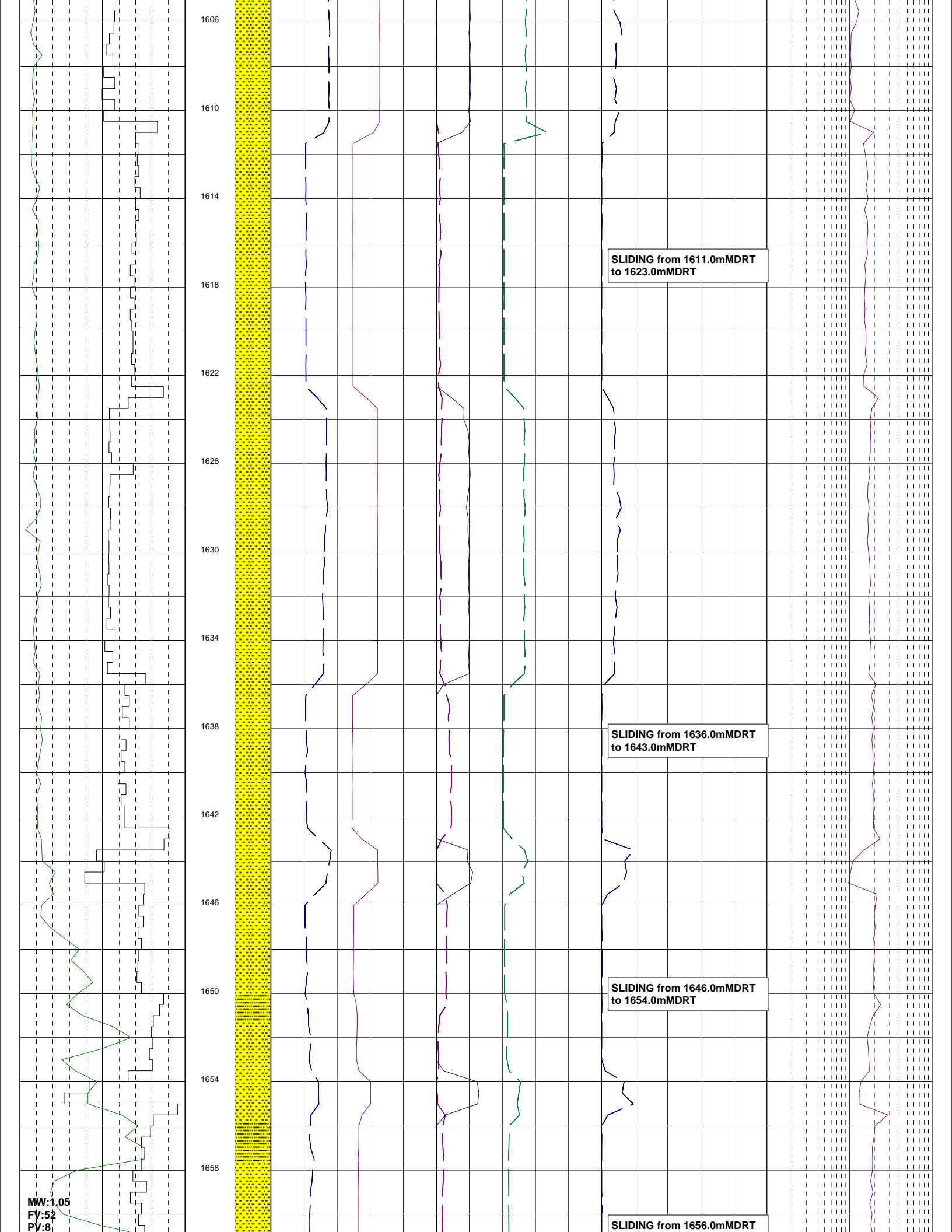












MW:1.05  
FV:52  
PV:8,

YP:21  
Gel:17/21/34  
pH:9.8

1662

1666

1670

1674

1678

1682

1686

1690

1694

1698

1702

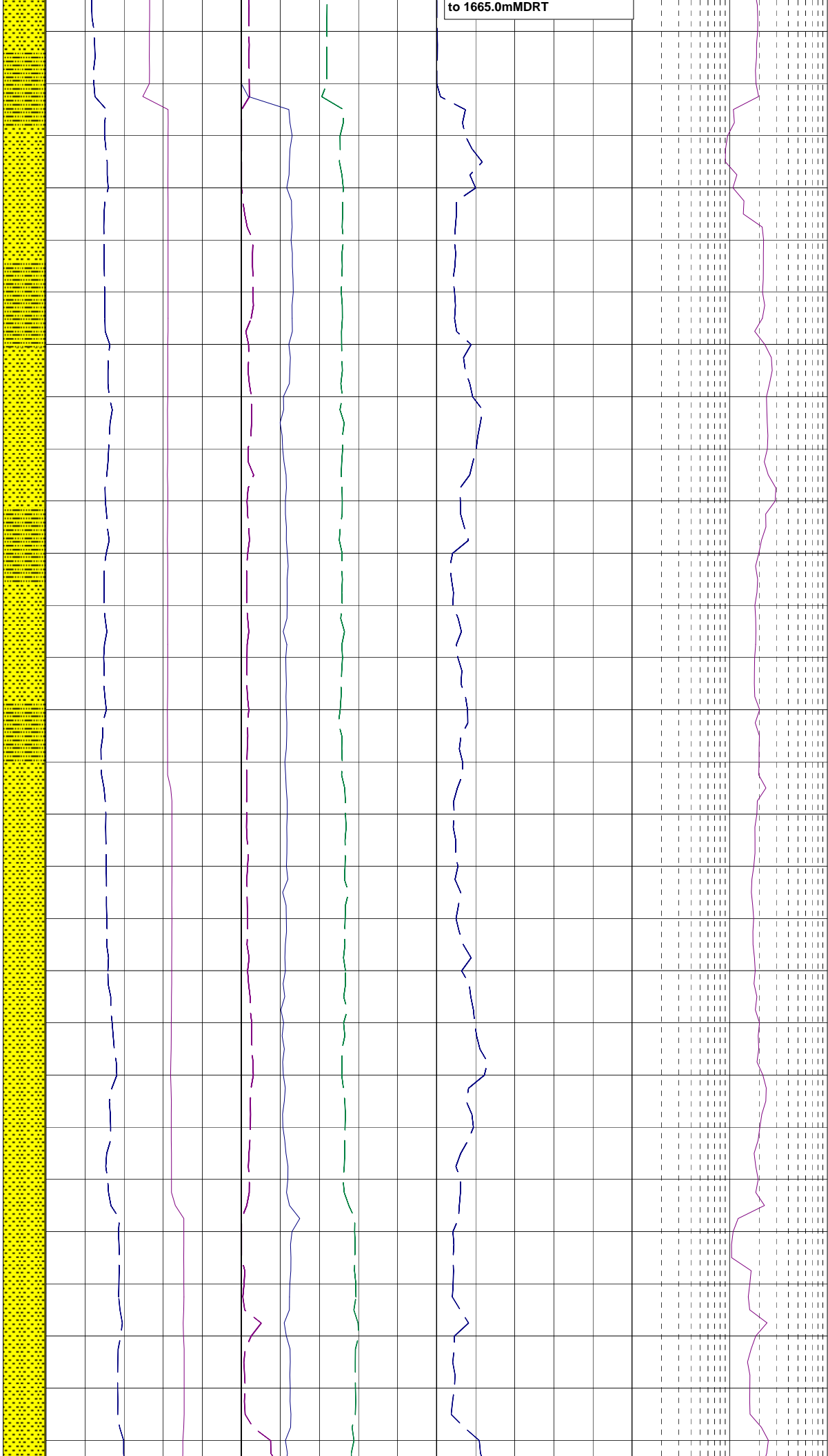
1706

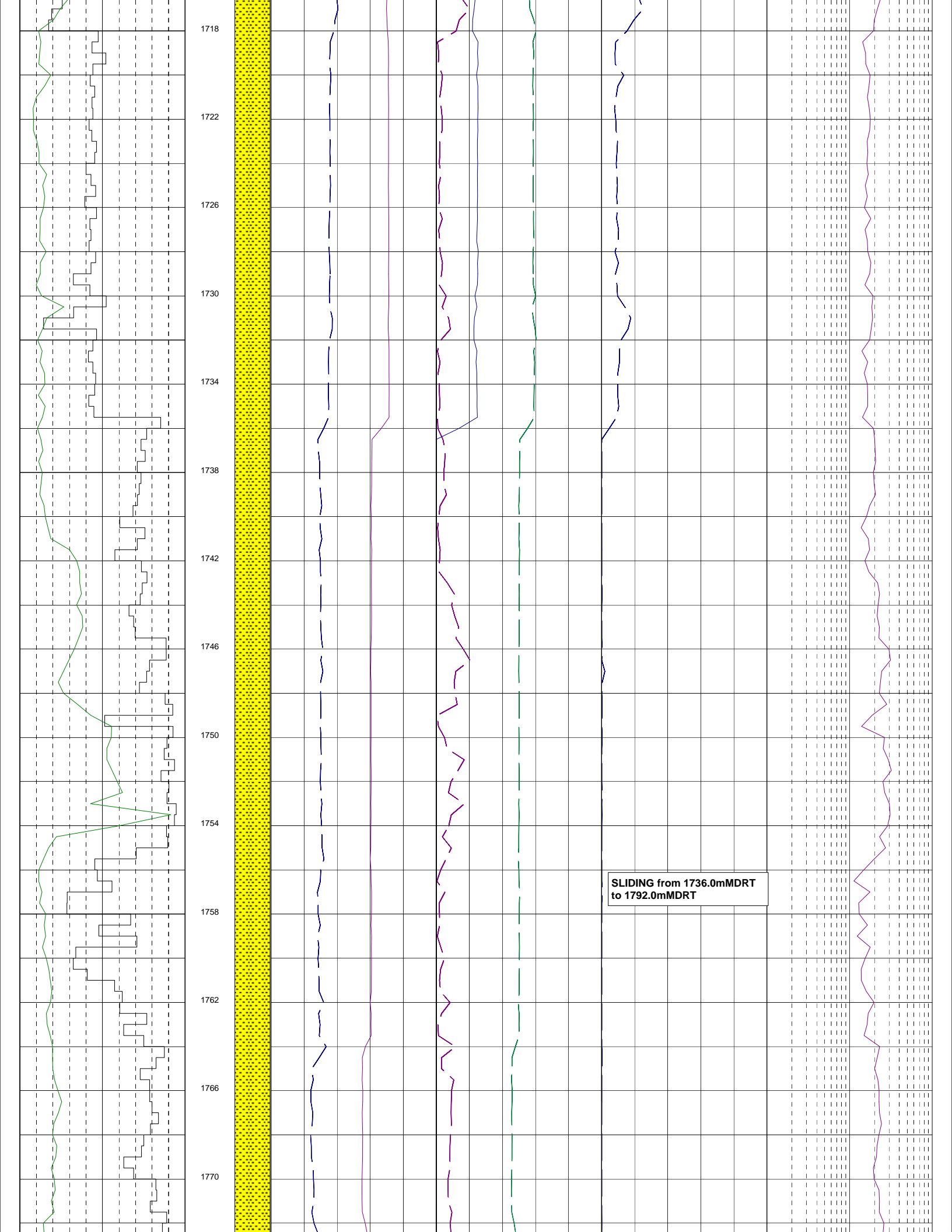
1710

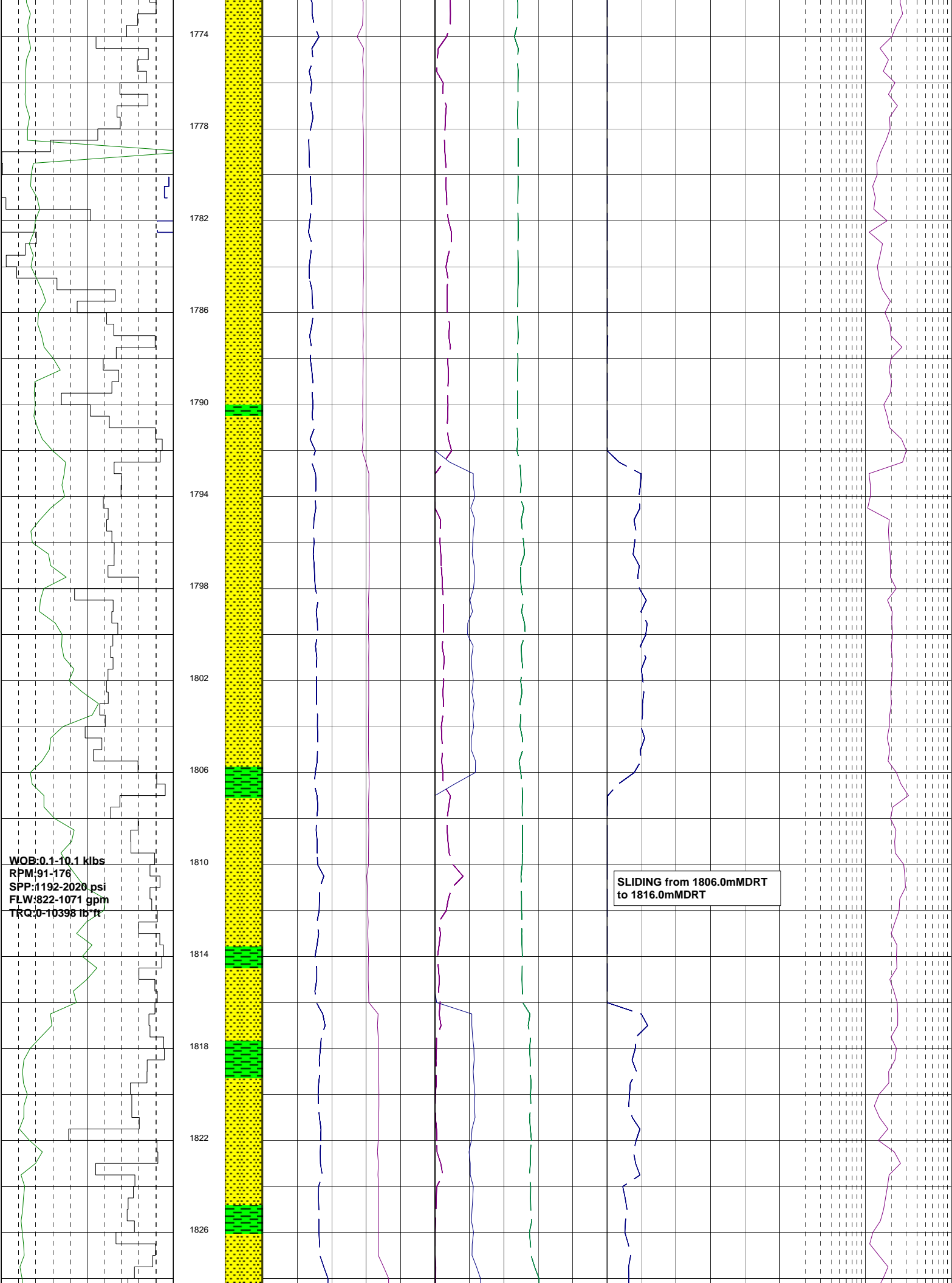
1714

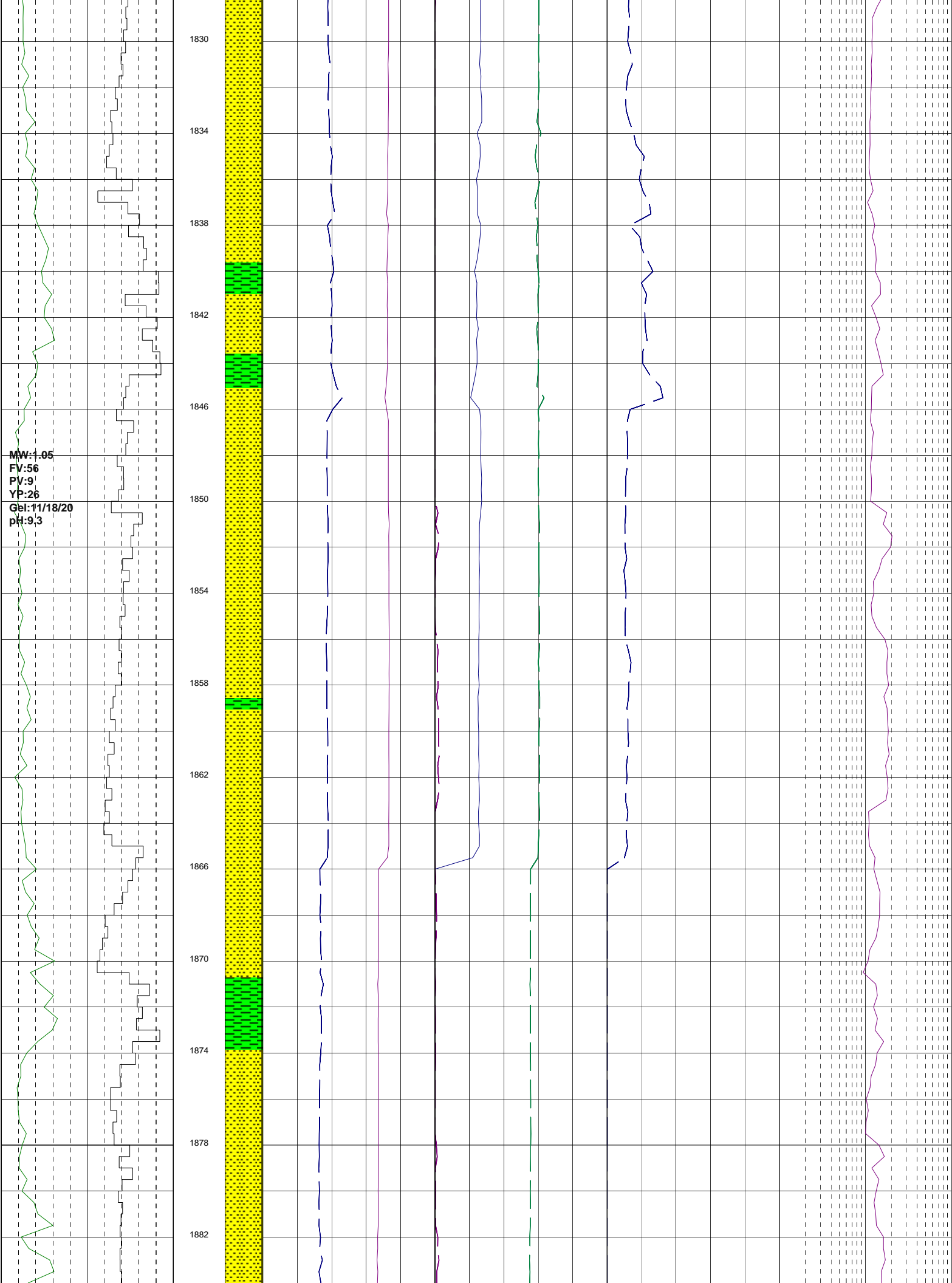
WOB:0.0-3.0 klbs  
RPM:148-167  
SPP:1525-1878 psi  
FLW:934-1061 gpm  
TRQ:3367-10398 lb\*ft

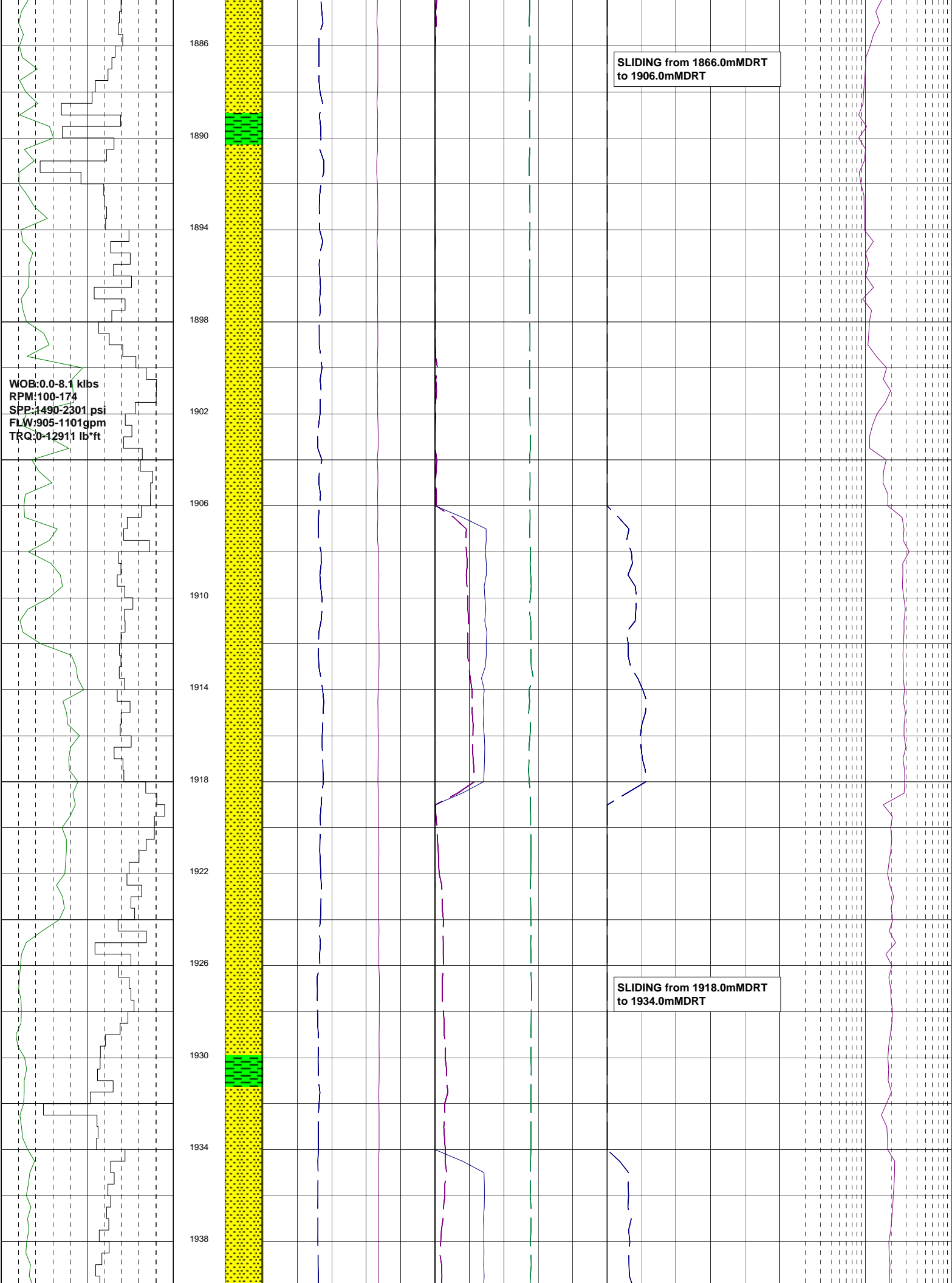
to 1665.0mMDRT

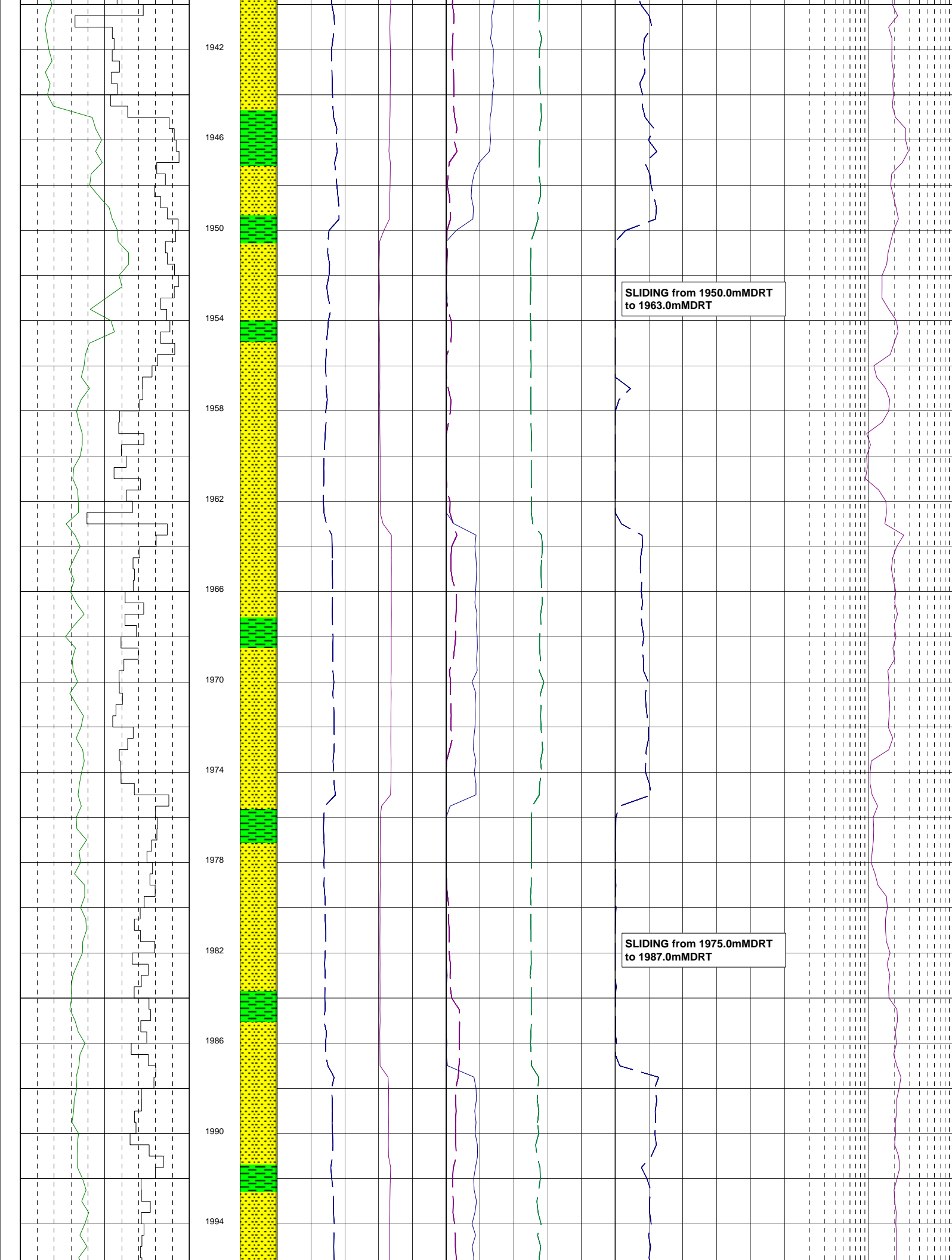




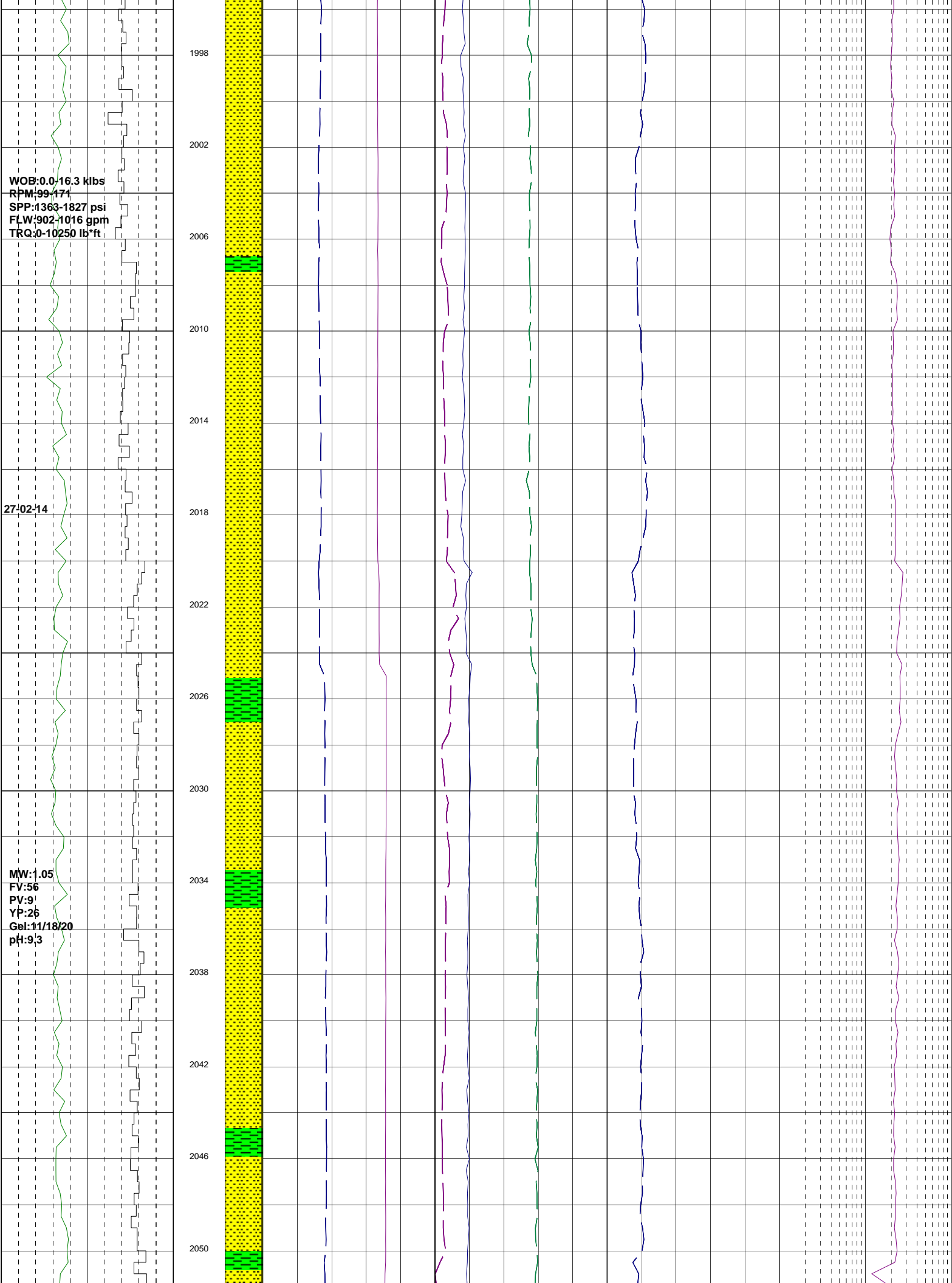


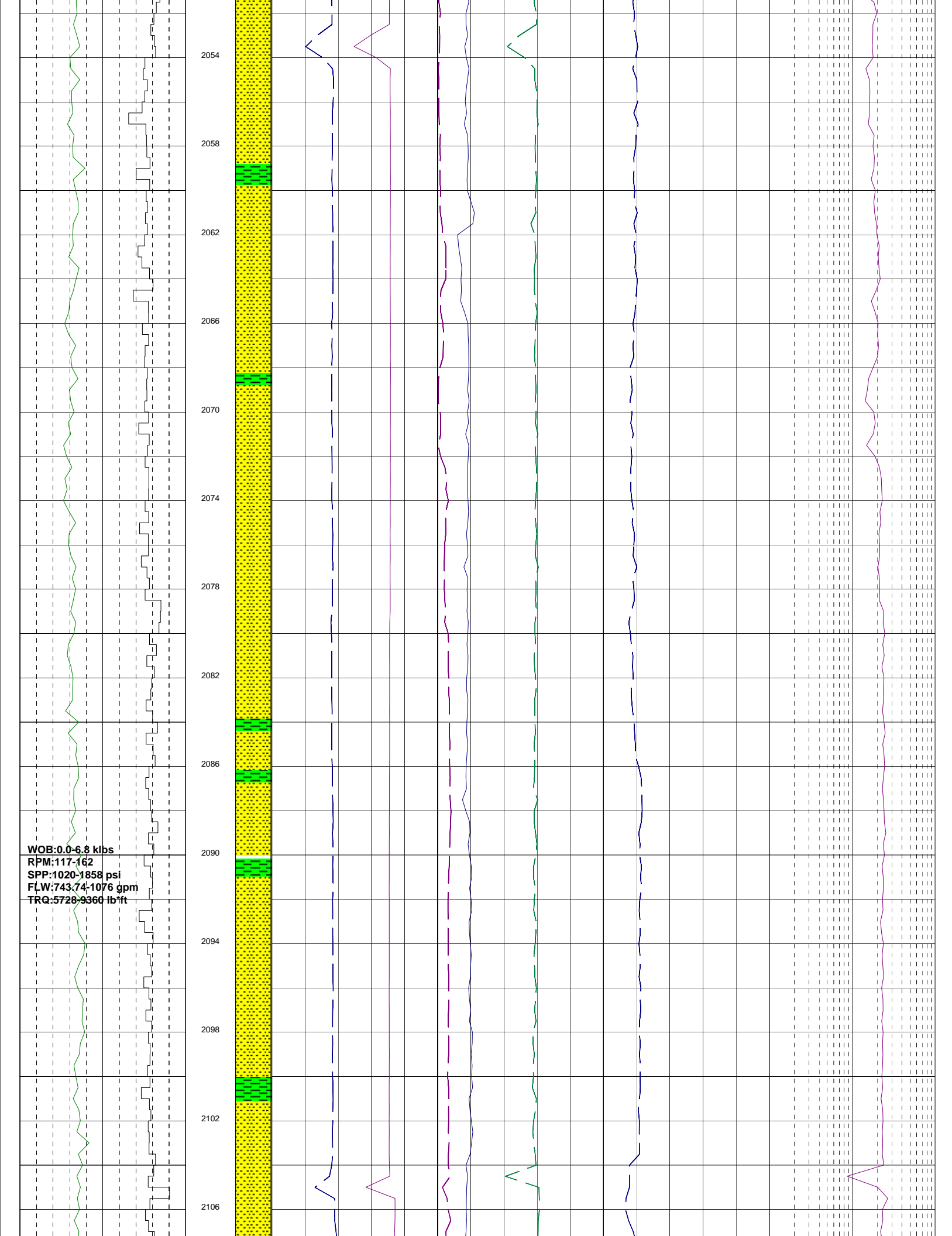


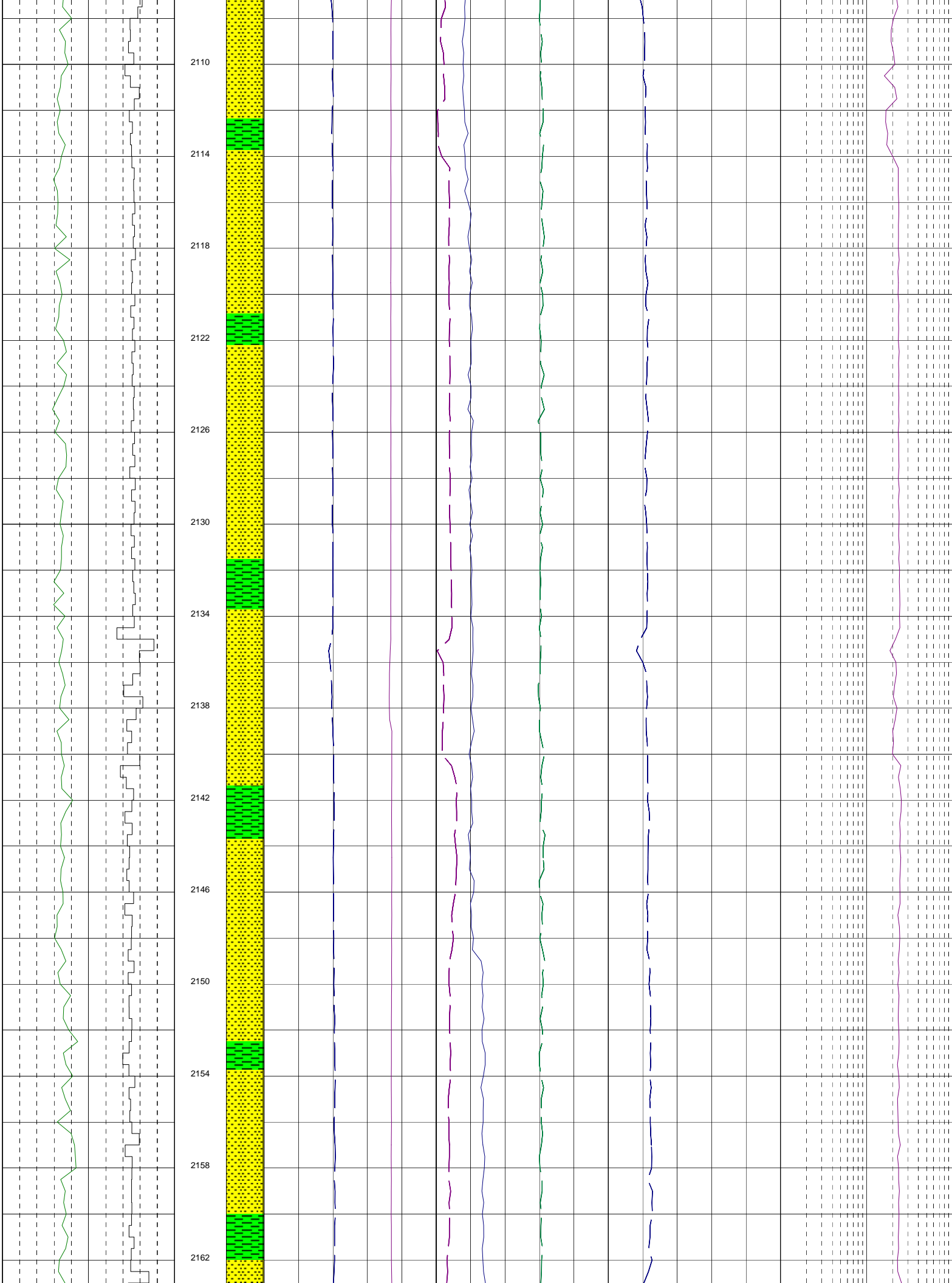


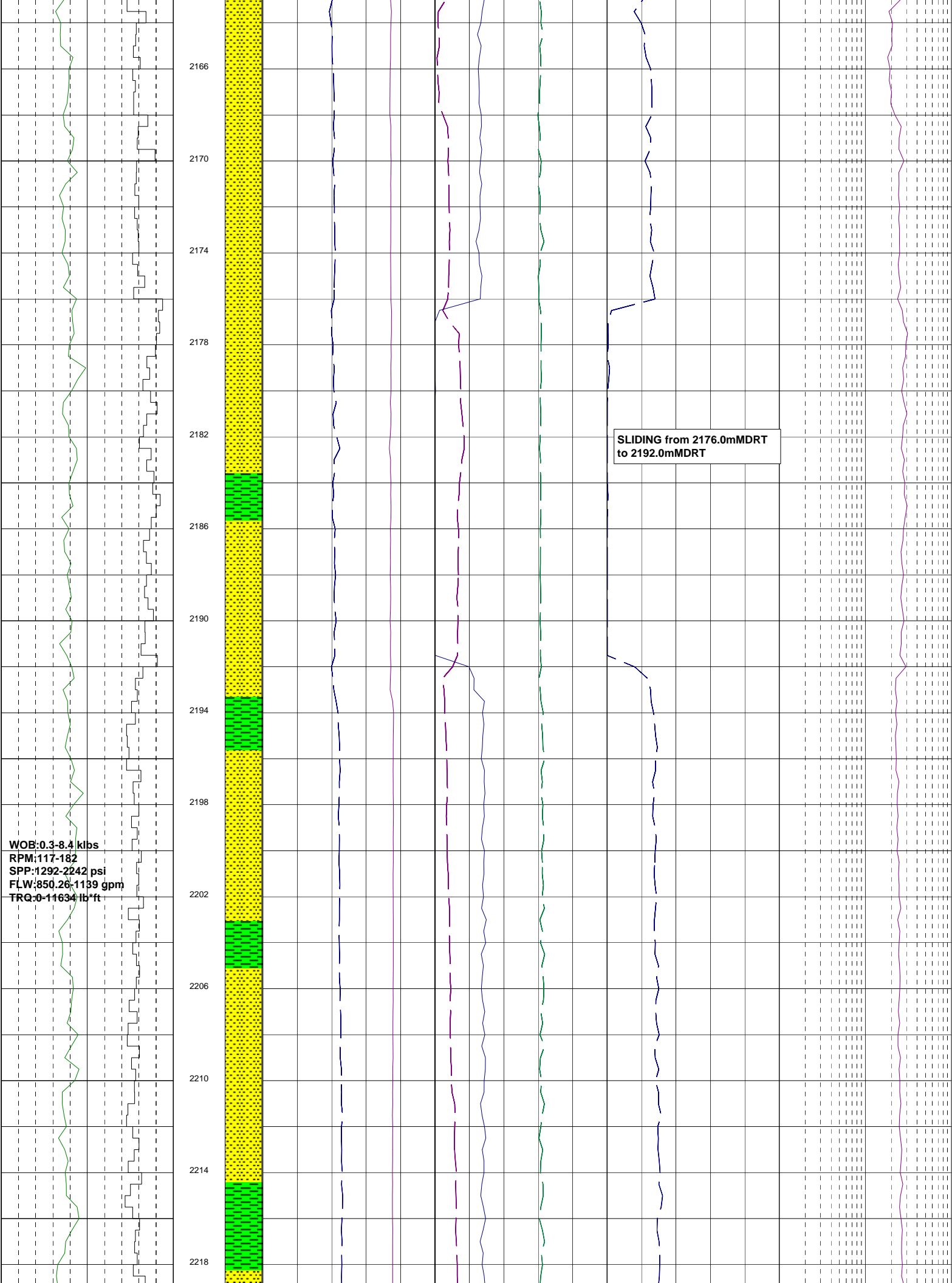












2166

2170

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2206

2210

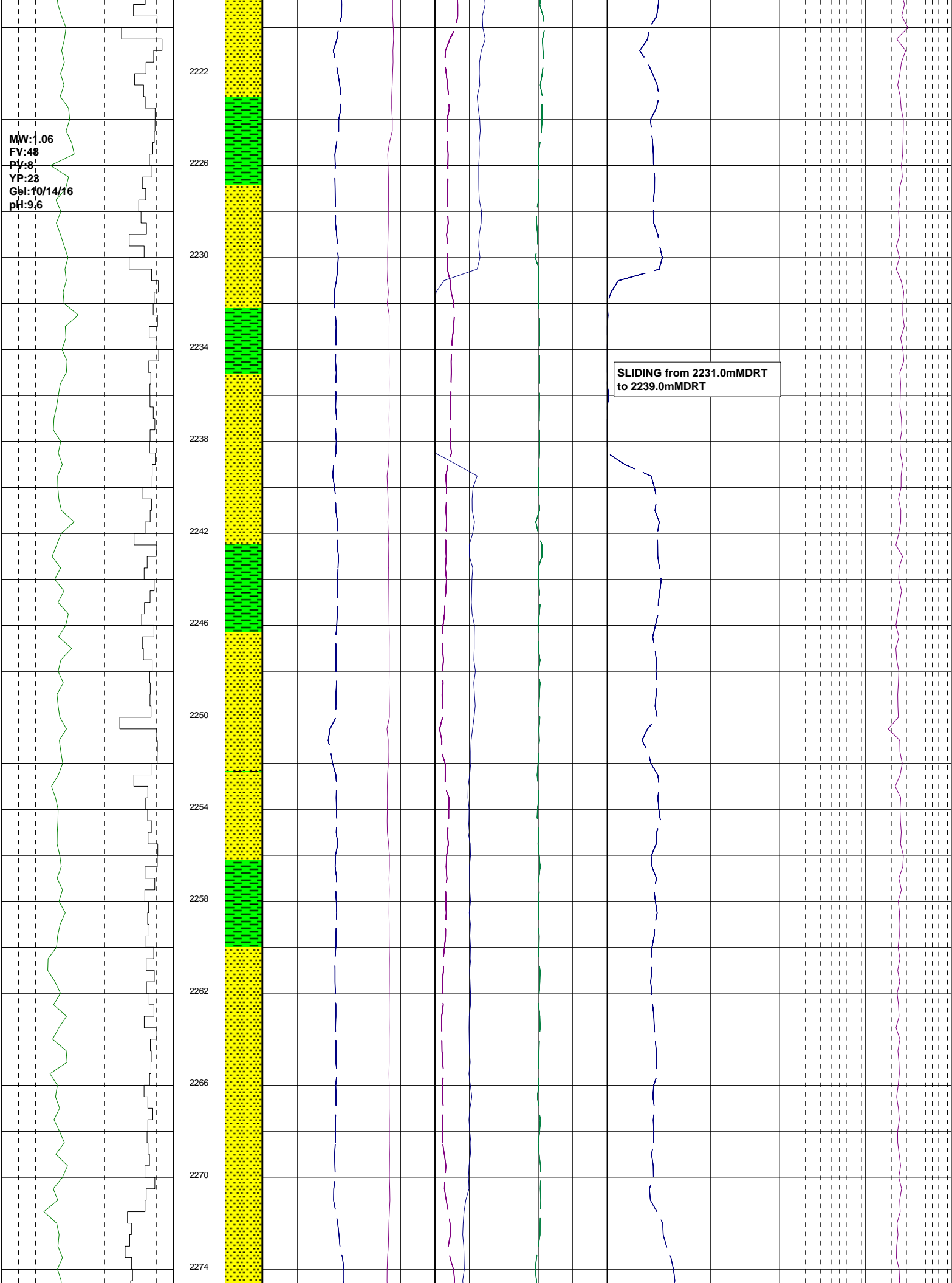
2214

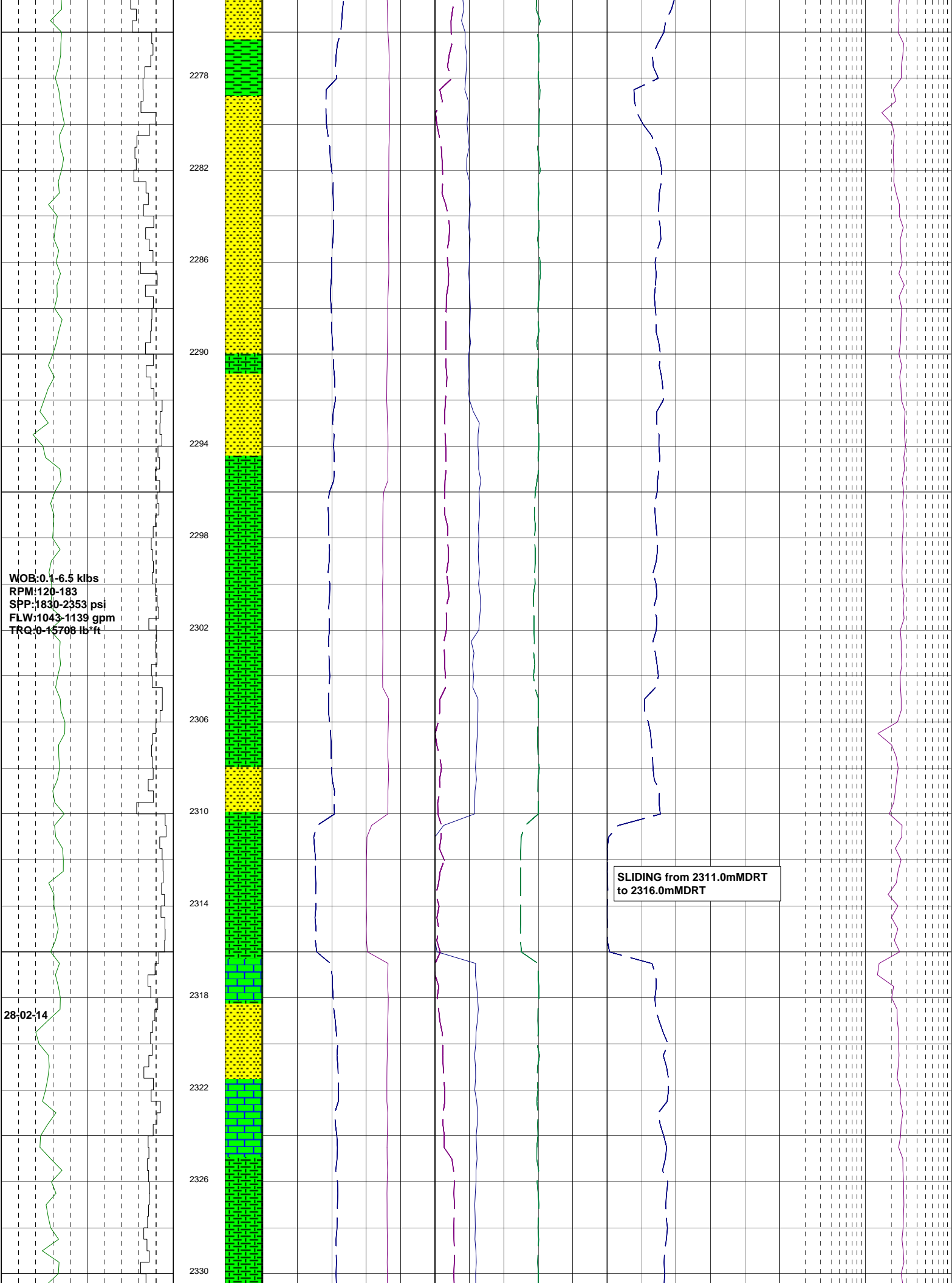
2218

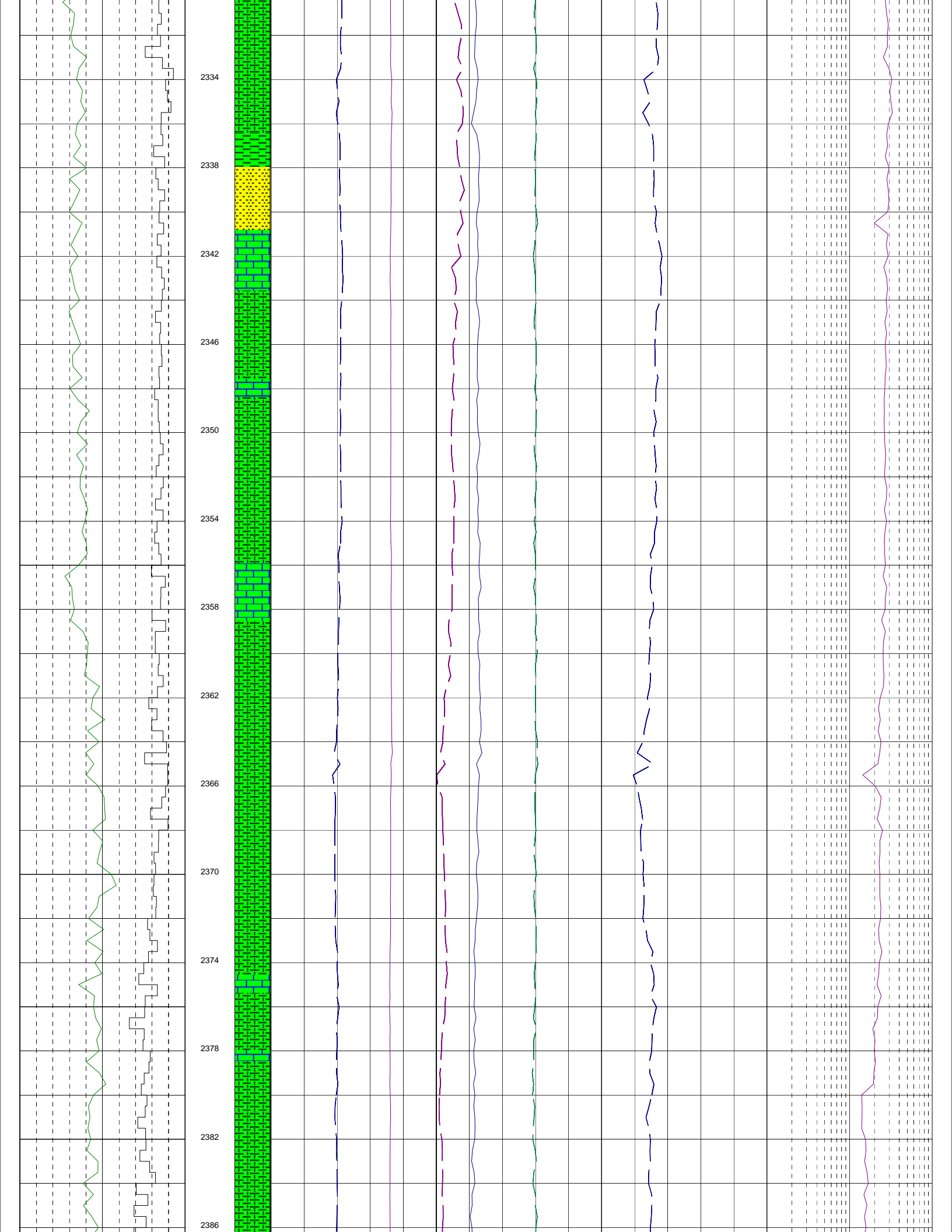
WOB: 0.3-8.4 klbs  
RPM: 117-182  
SPP: 1292-2242 psi  
FLW: 850.26-1139 gpm  
TRQ: 0-11634 lb-ft

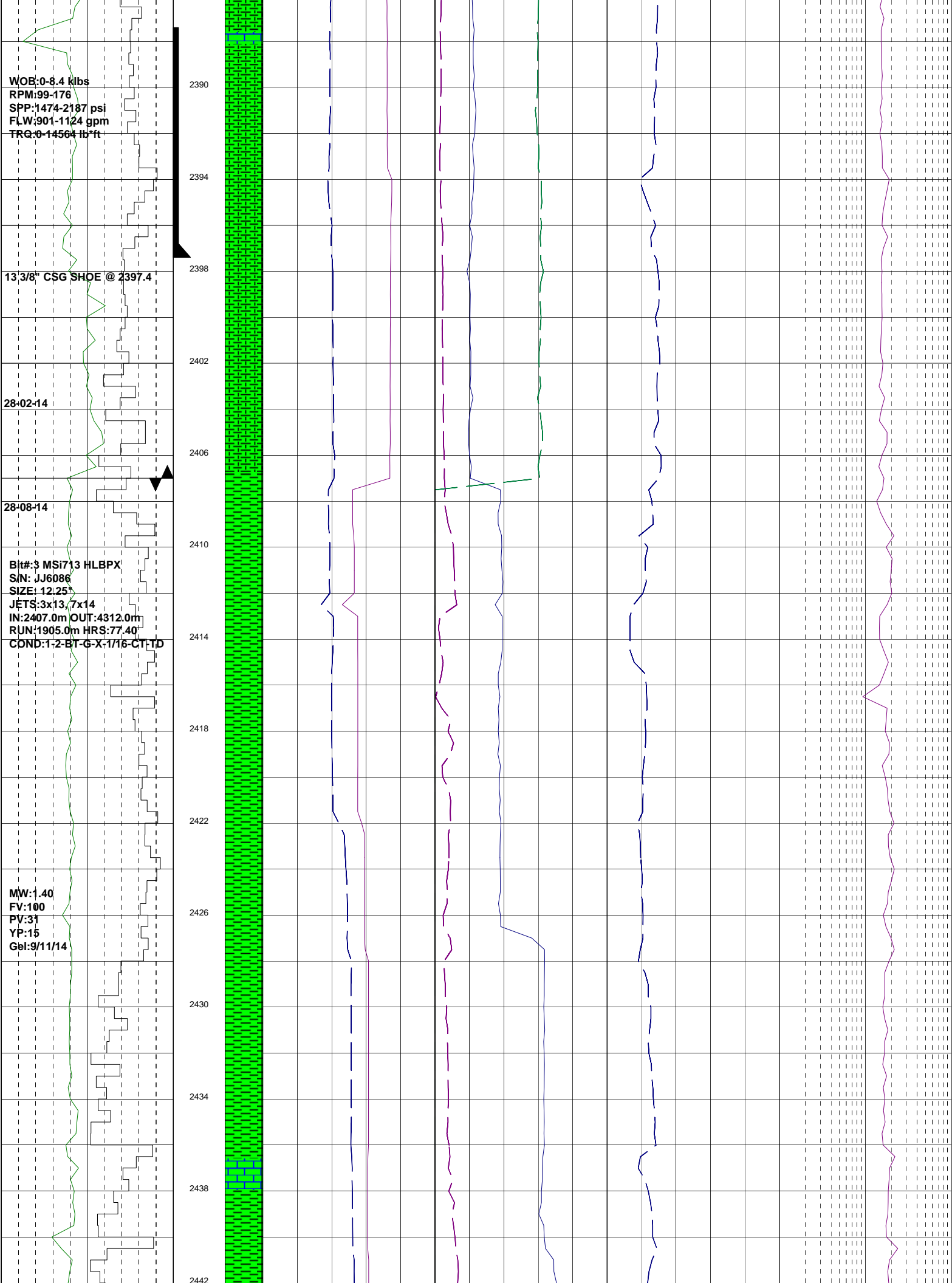
SLIDING from 2176.0mMDRT  
to 2192.0mMDRT

MW:1.06  
FV:48  
PY:8  
YP:23  
Gel:10/14/16  
pH:9.6

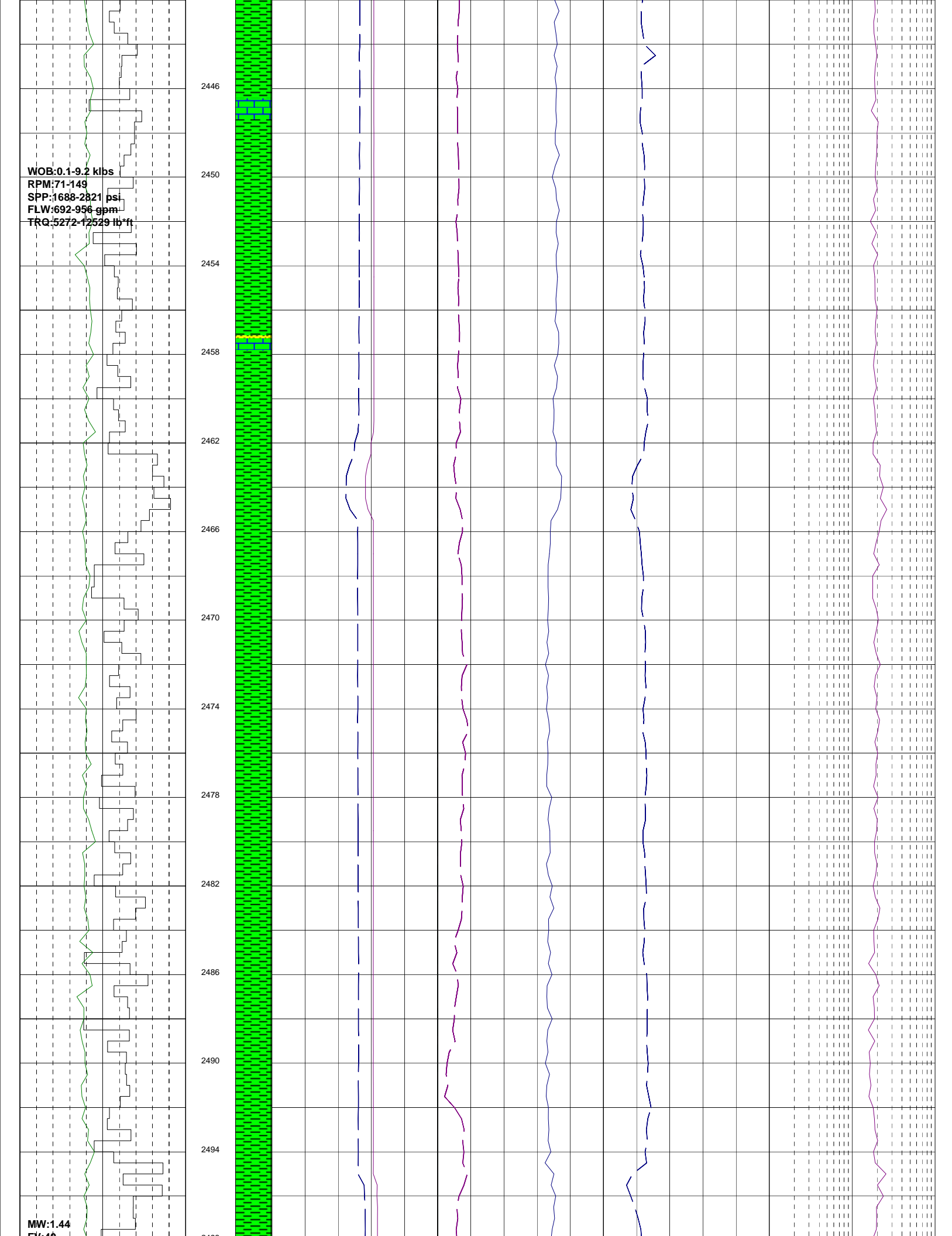




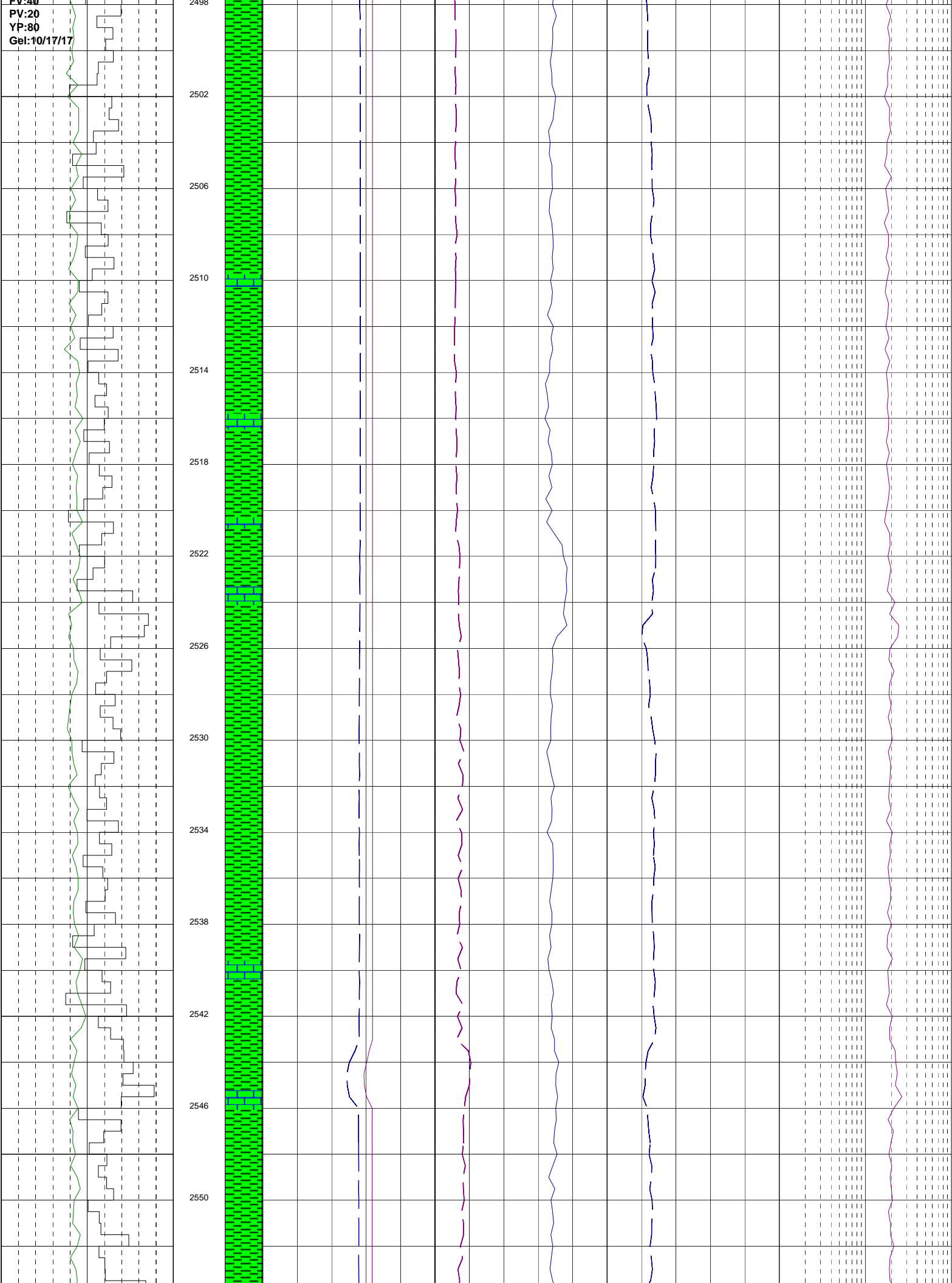


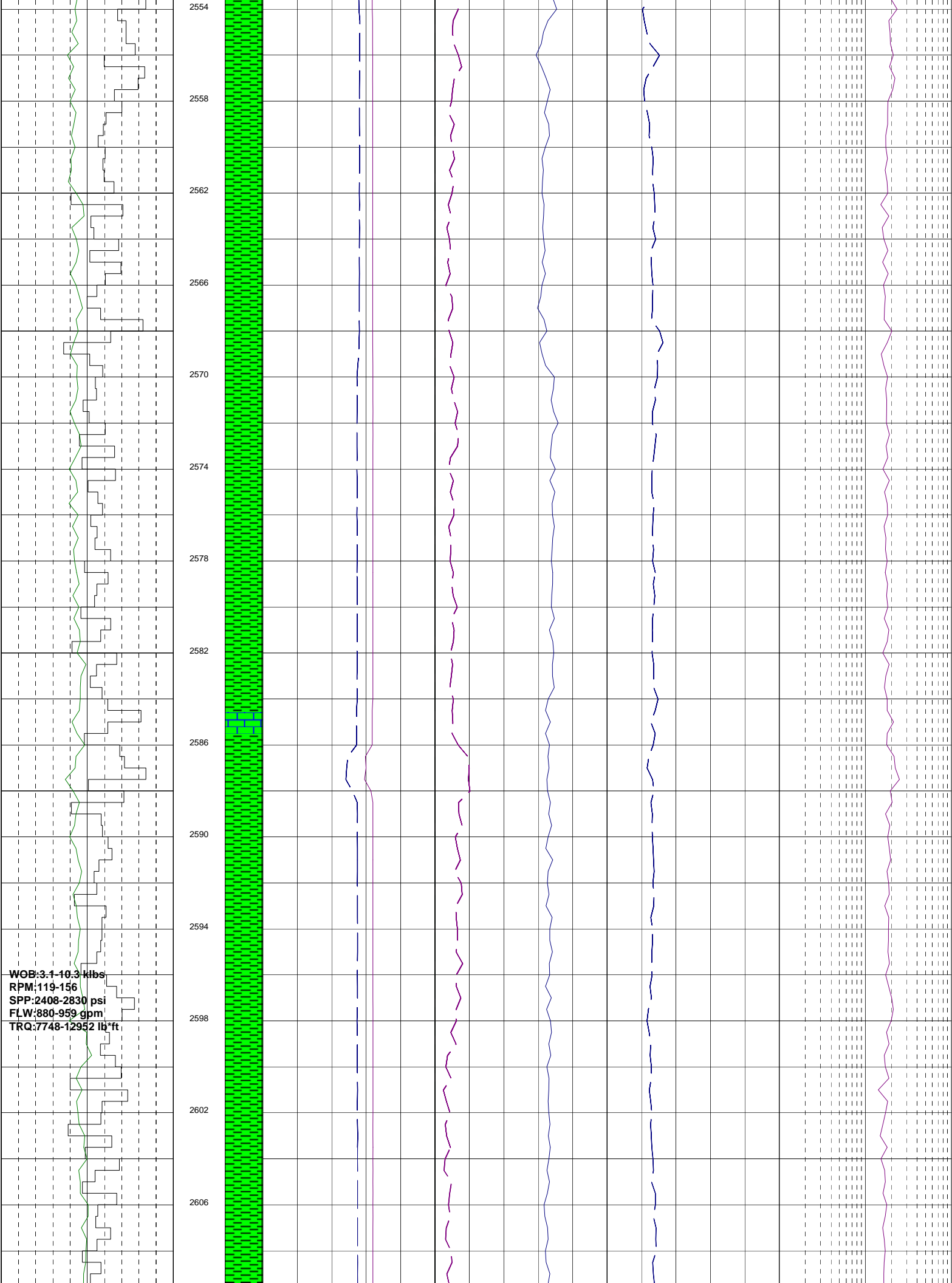


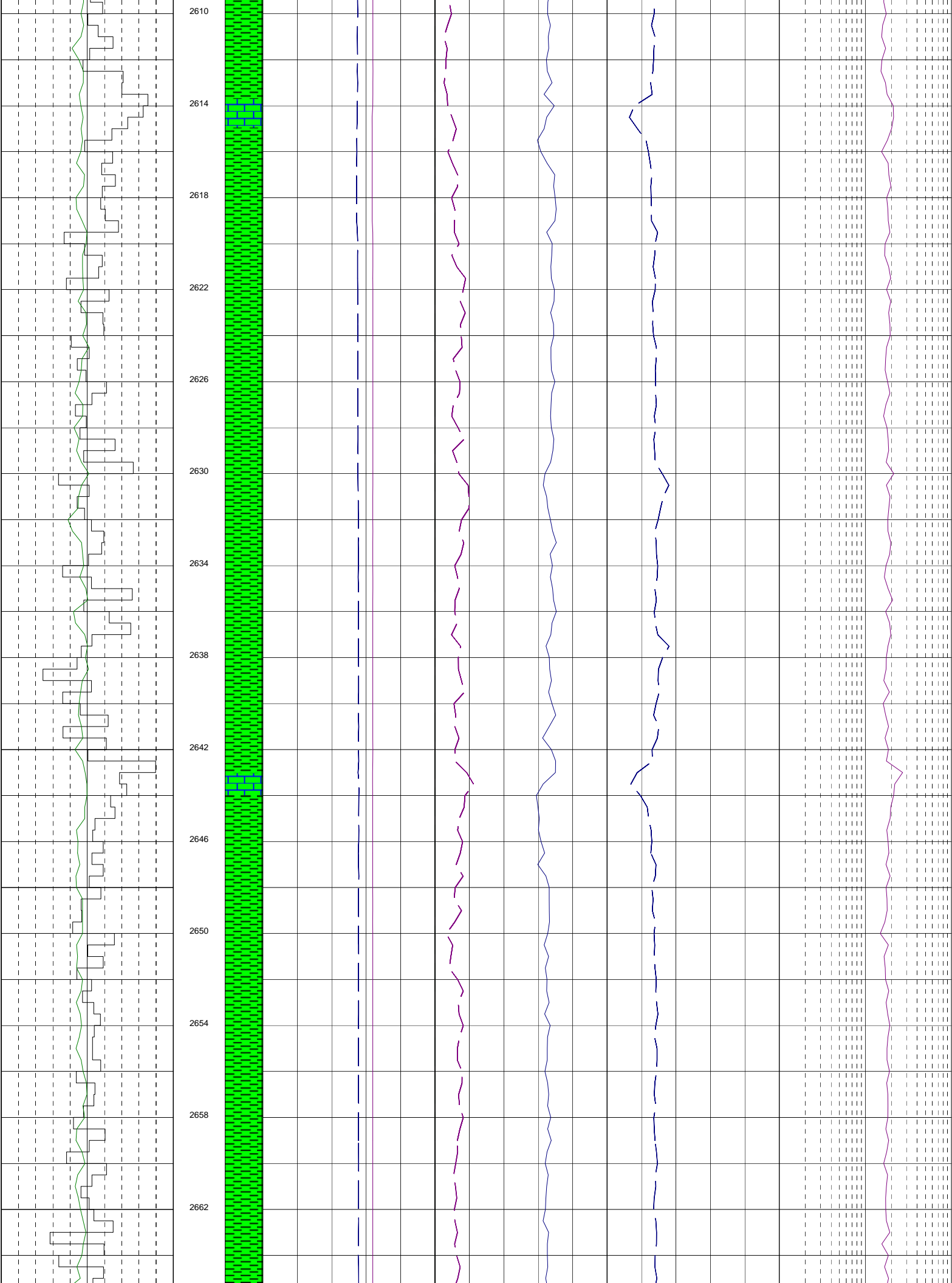


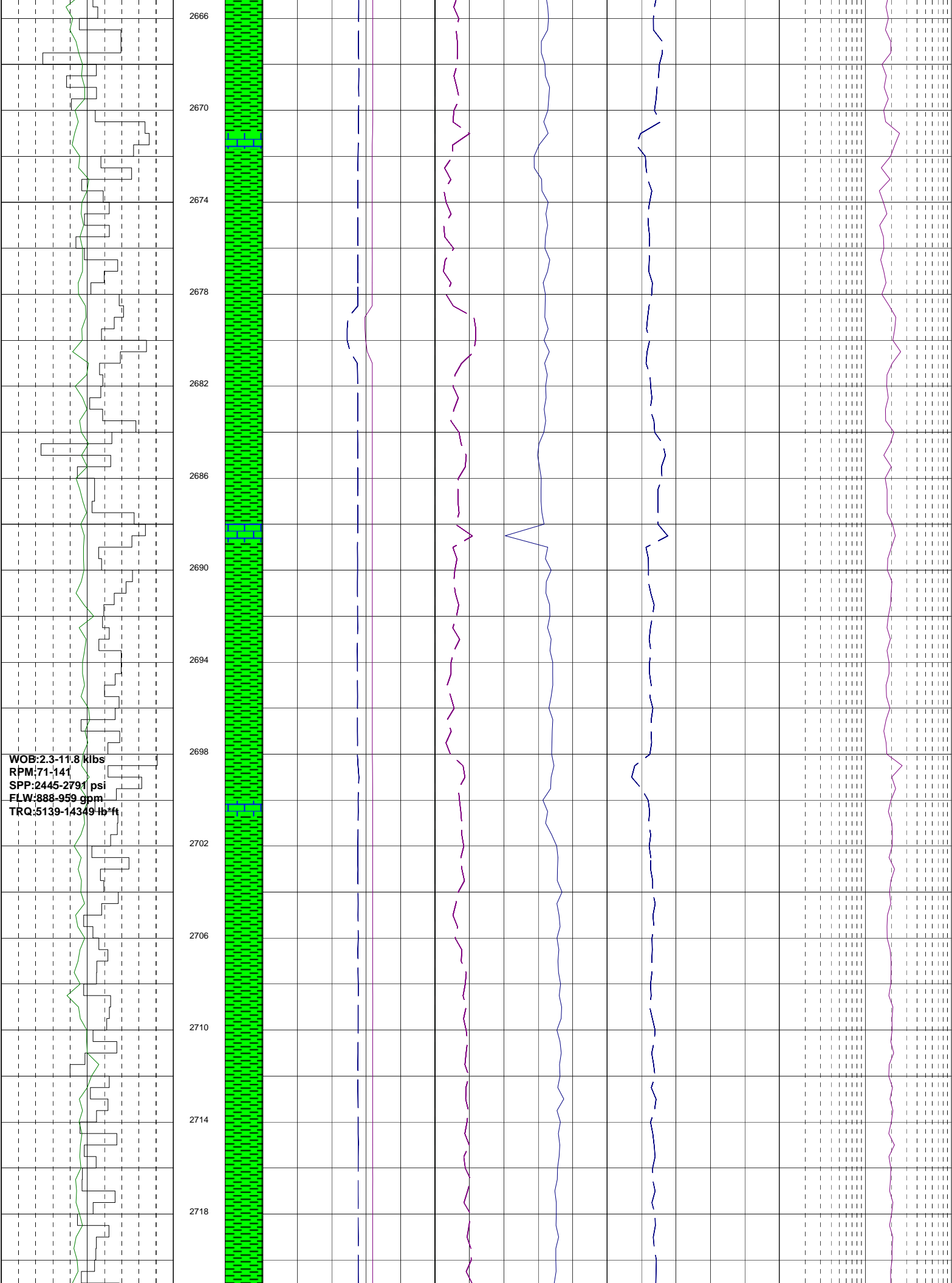


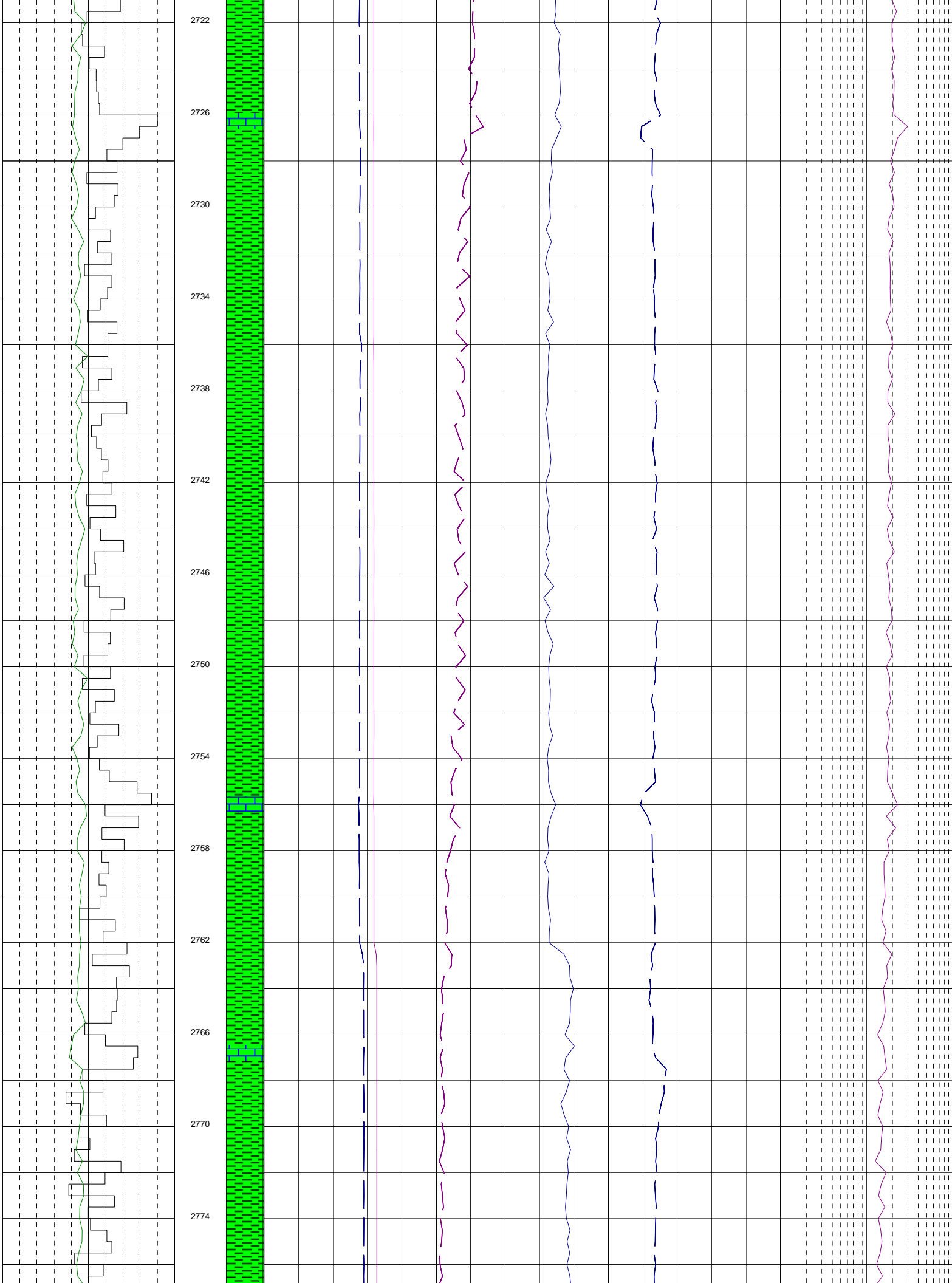
PV:20  
YP:80  
Gel:10/17/17

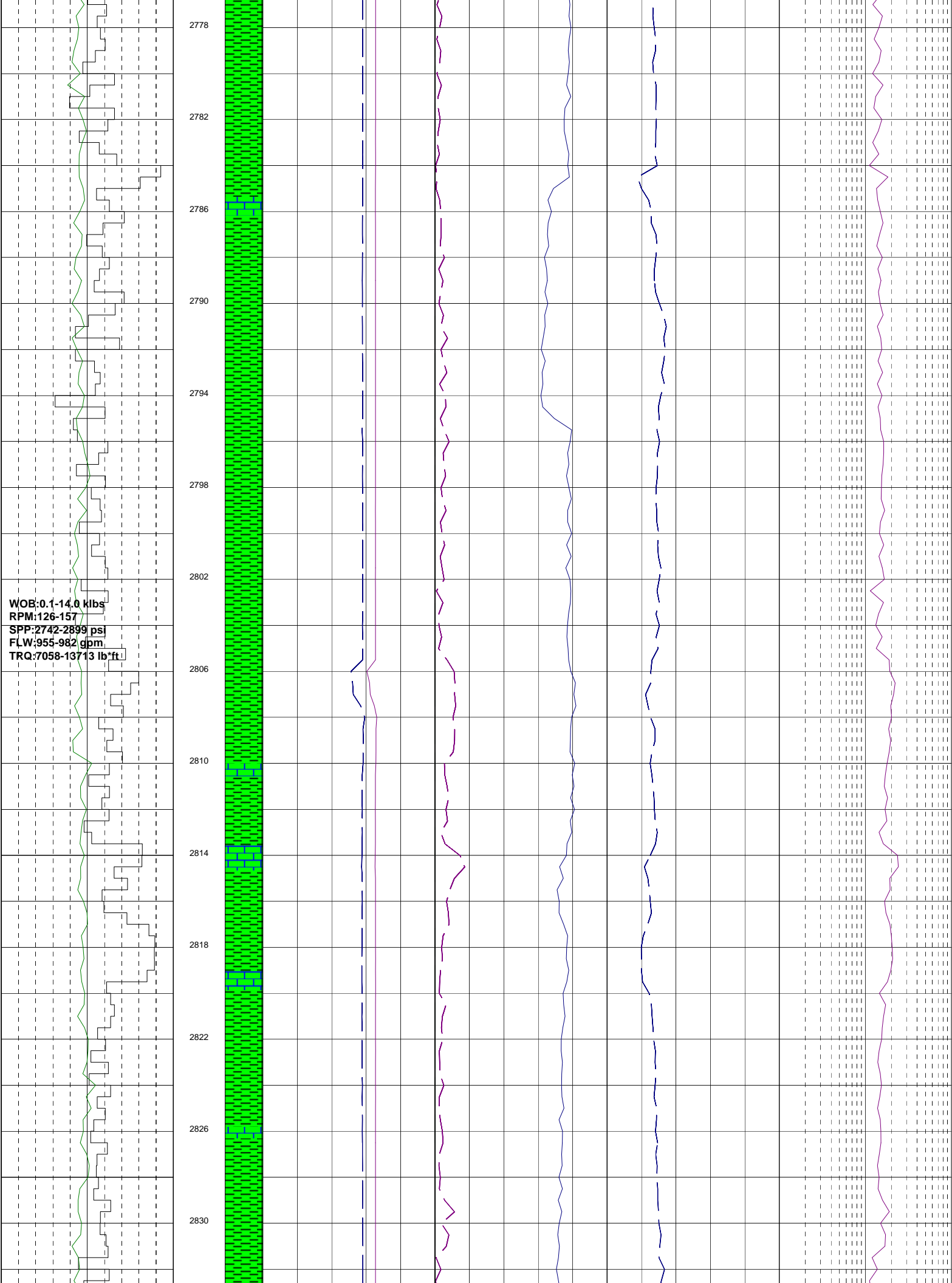


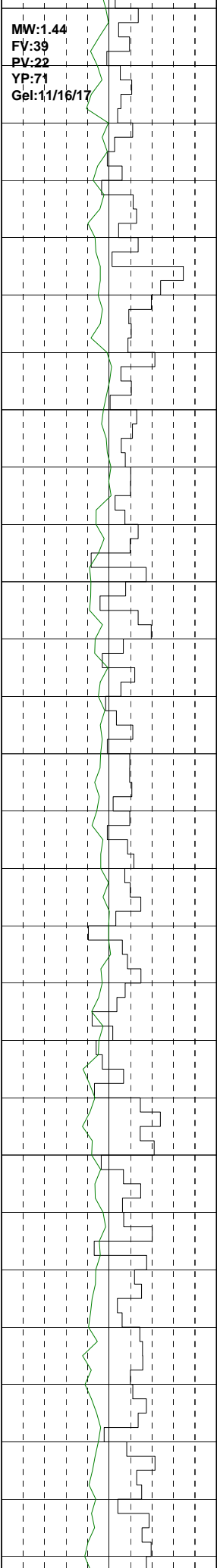












2834

2838

2842

2846

2850

2854

2858

2862

2866

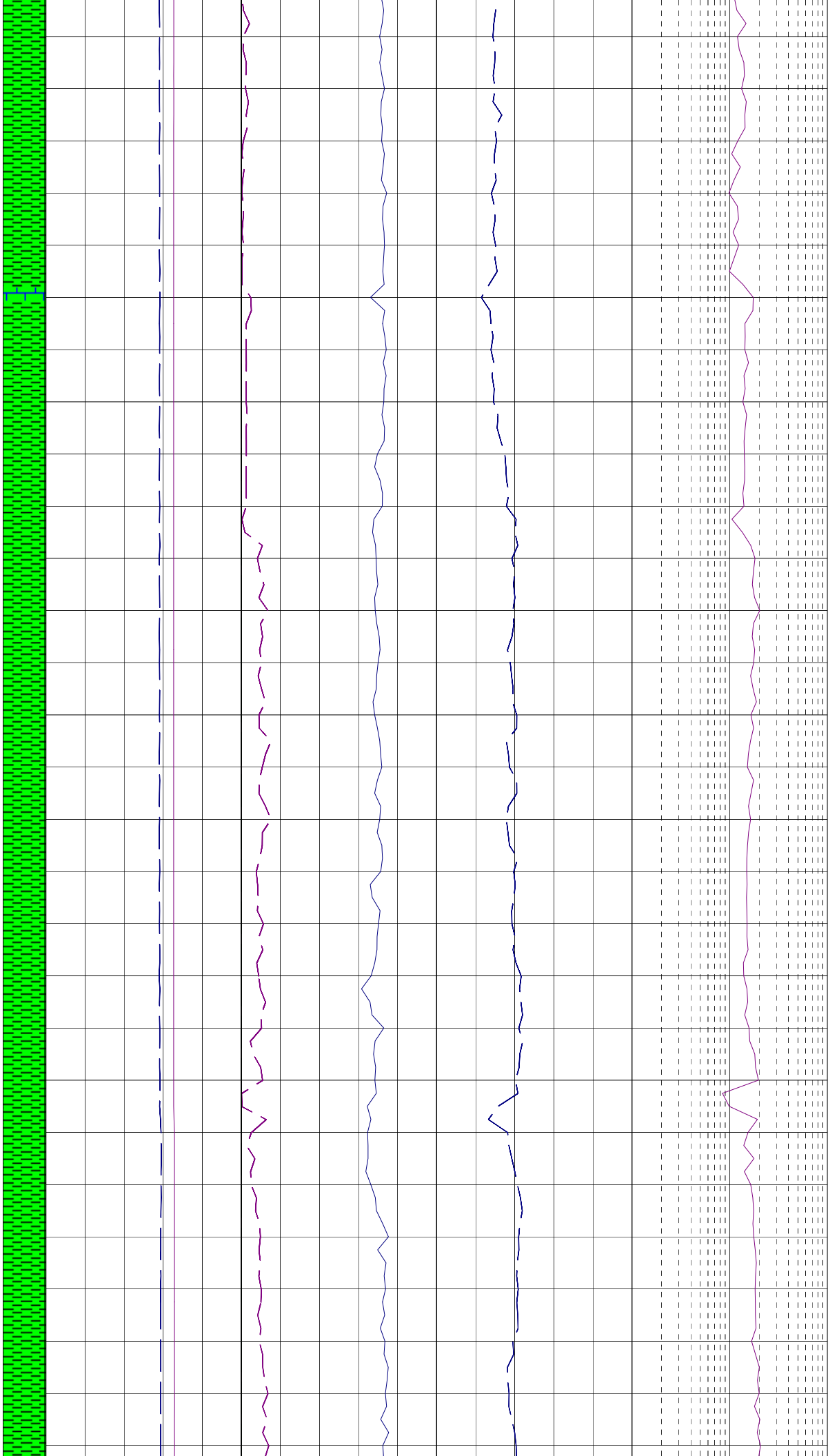
2870

2874

2878

2882

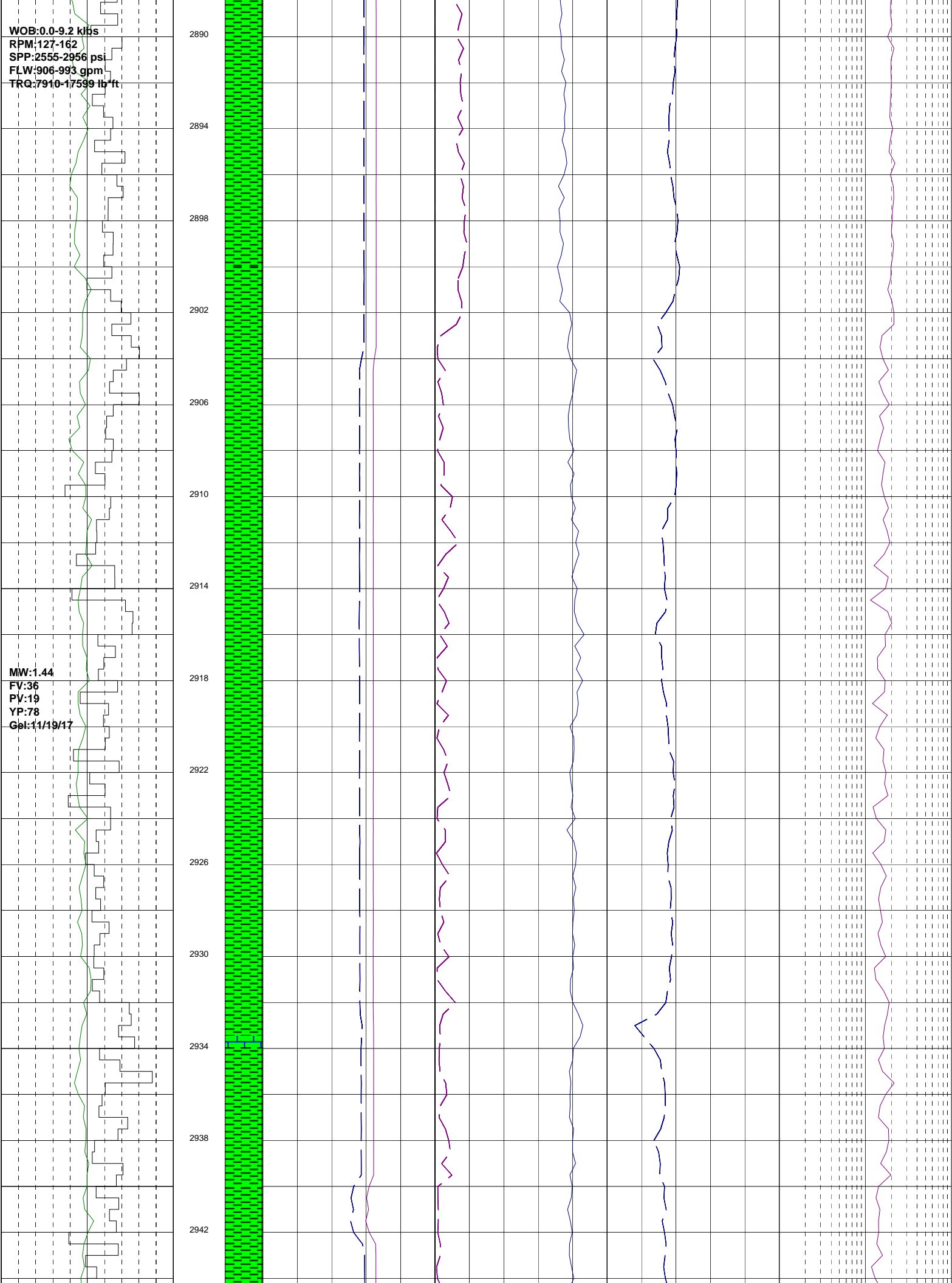
2886

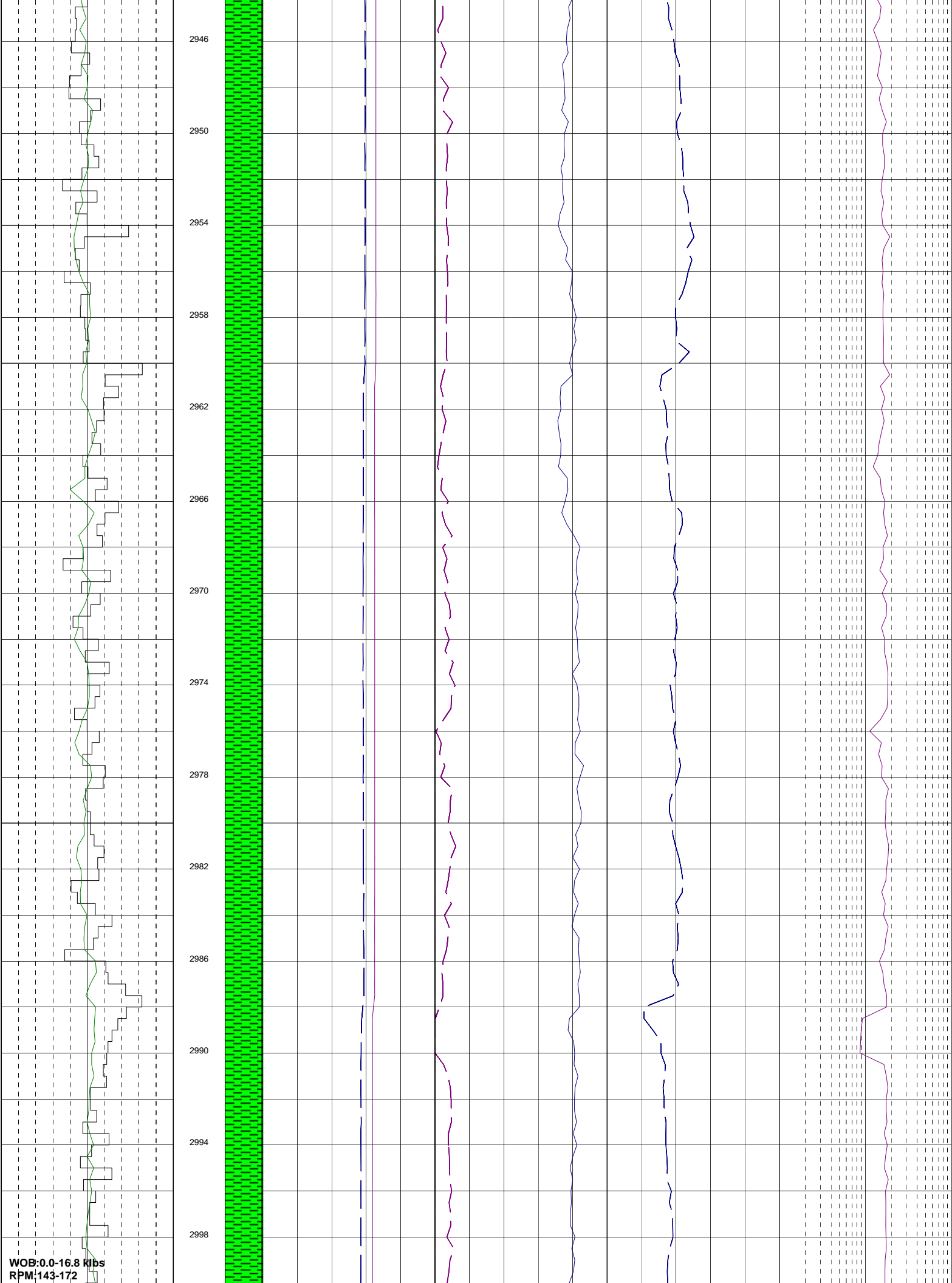




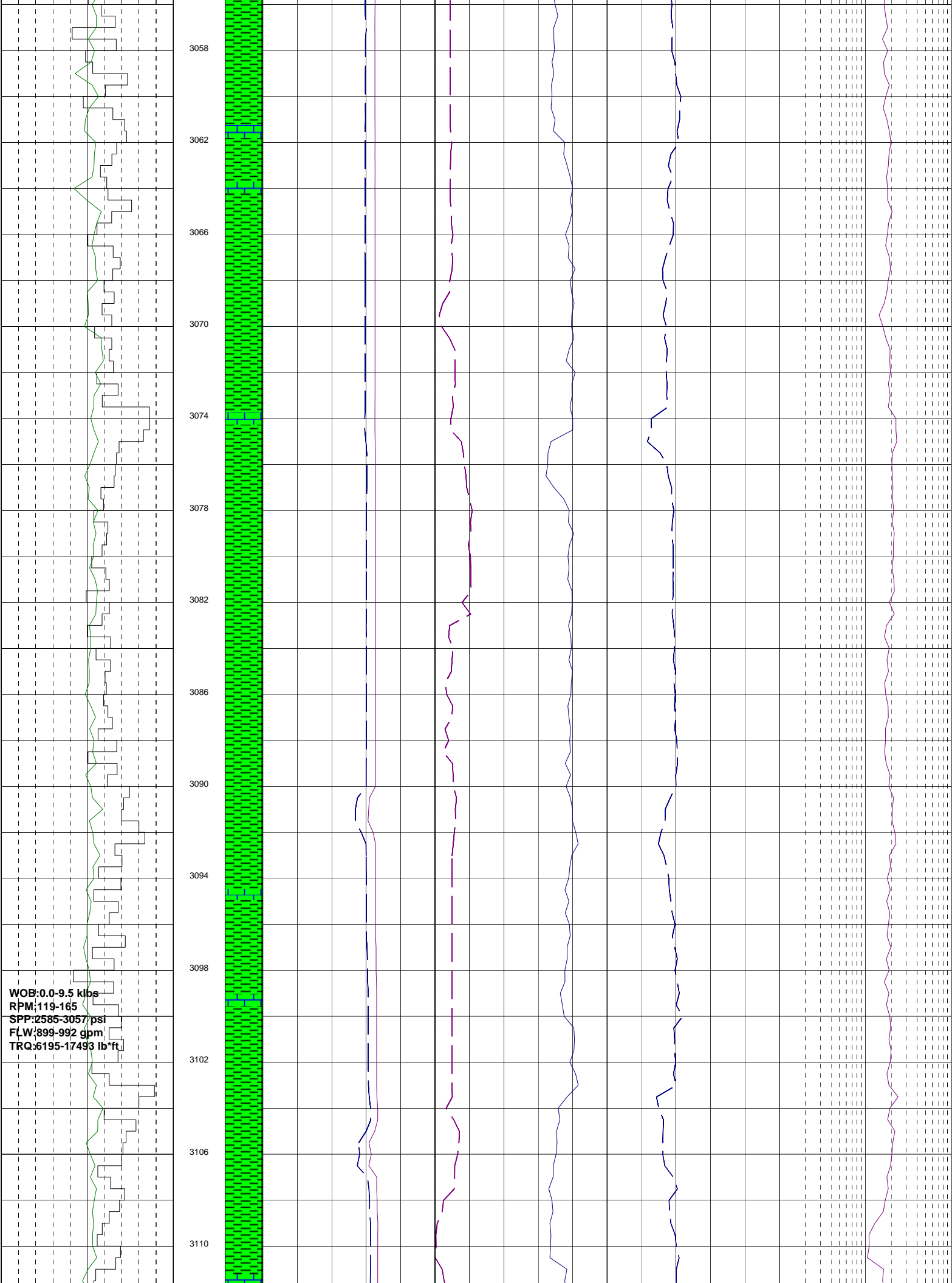
WOB:0.0-9.2 klbs  
RPM:127-162  
SPP:2555-2956 psi  
FLW:906-993 gpm  
TRQ:7910-17599 lb\*ft

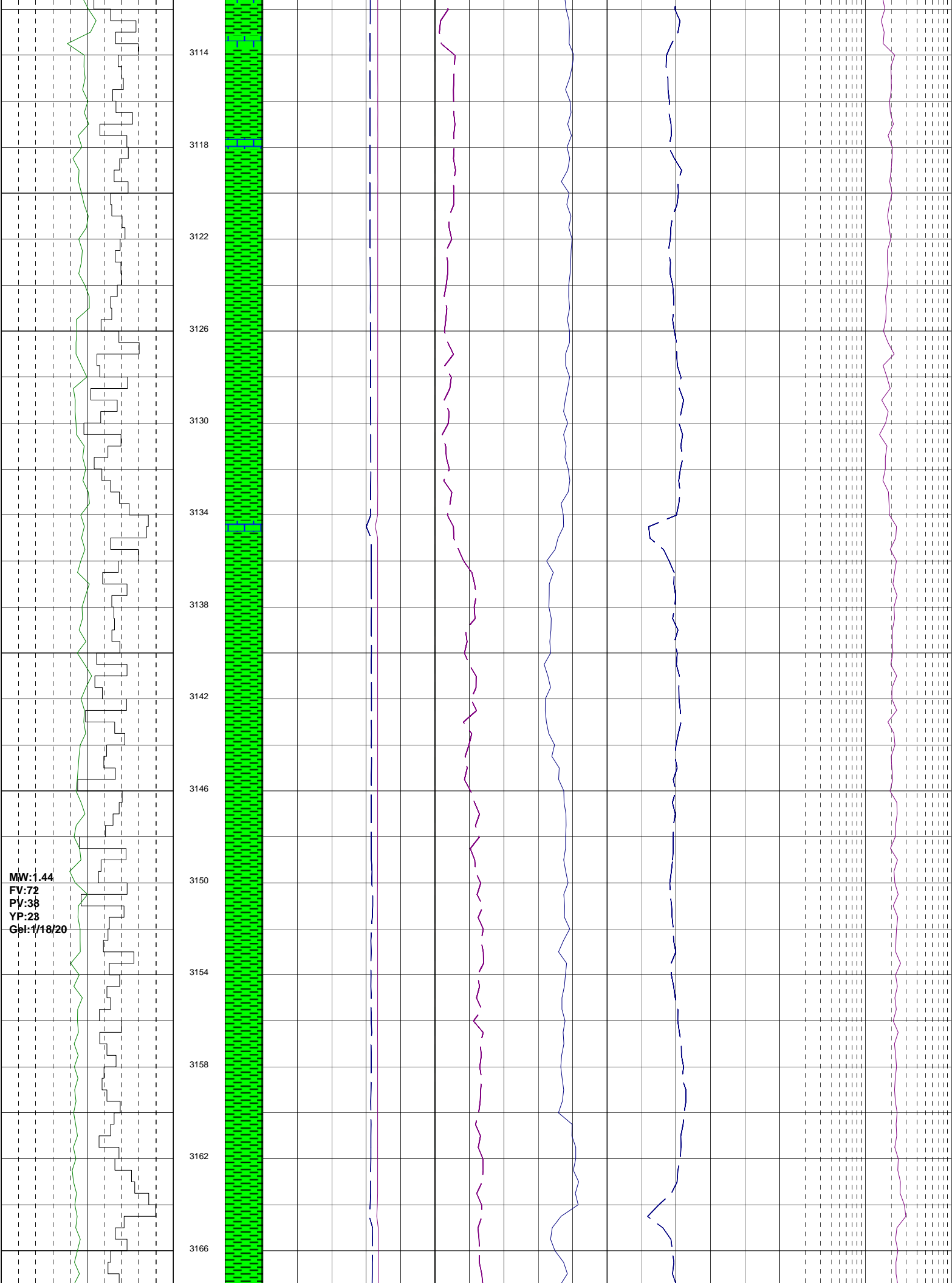
MW:1.44  
FV:36  
PV:19  
YP:78  
Gpl:11/19/17

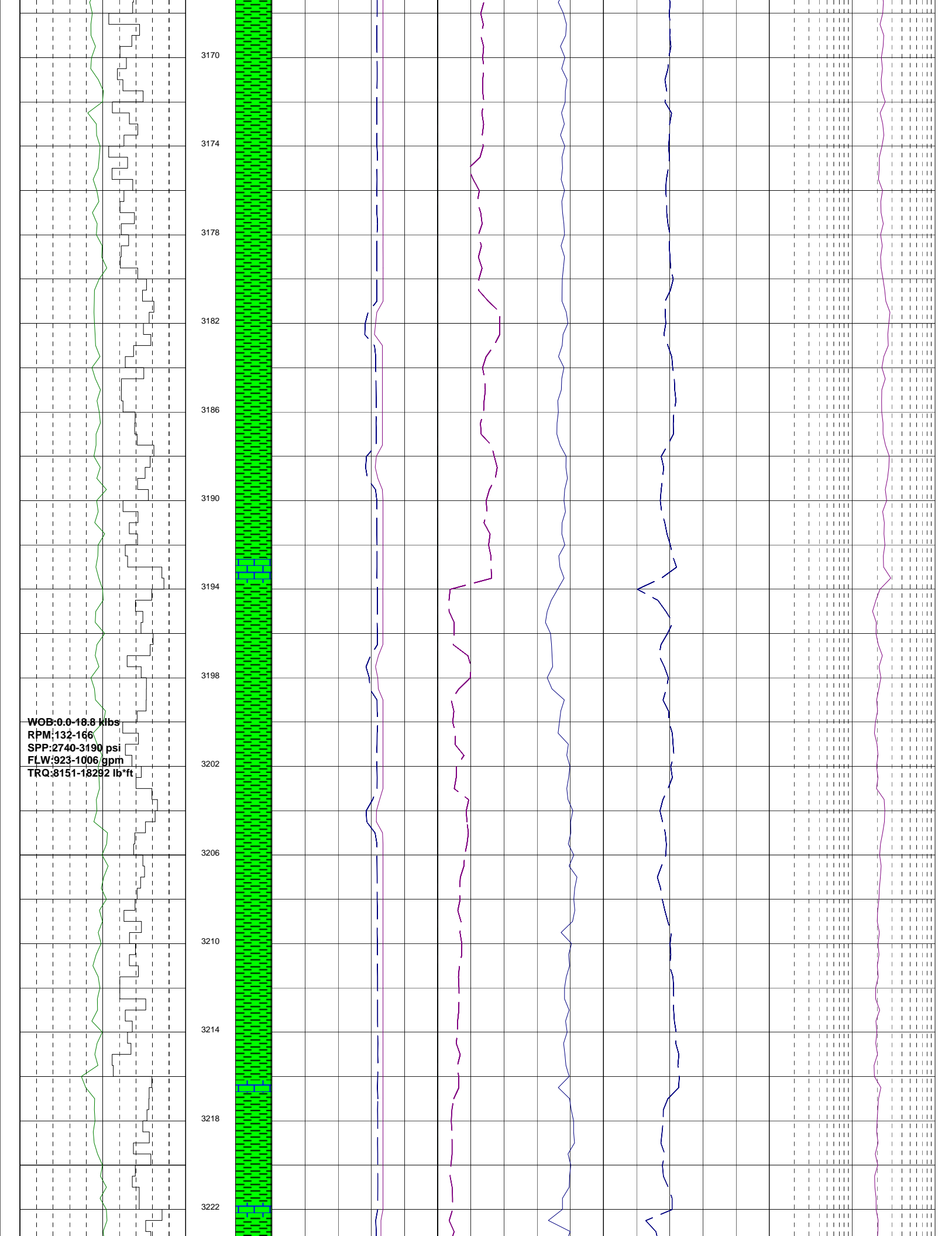


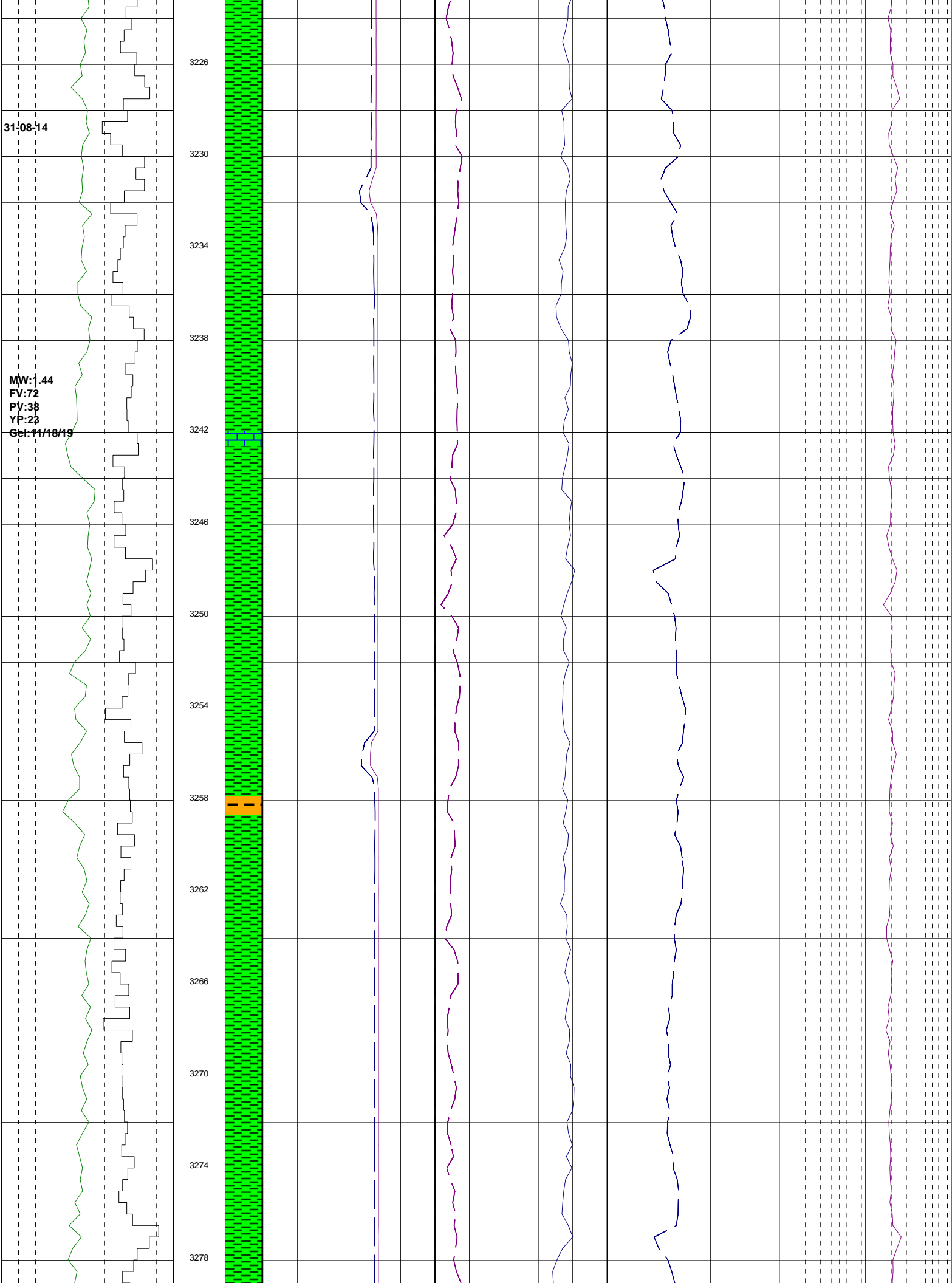


30-08-14









WOB:0.6-11 klbs  
RPM:132-165  
SPP:2803-3299 psi  
FLW:925-1008 gpm  
TRQ:10158-19303 lb-ft

3282

3286

3290

3294

3298

3302

3306

3310

3314

3318

3322

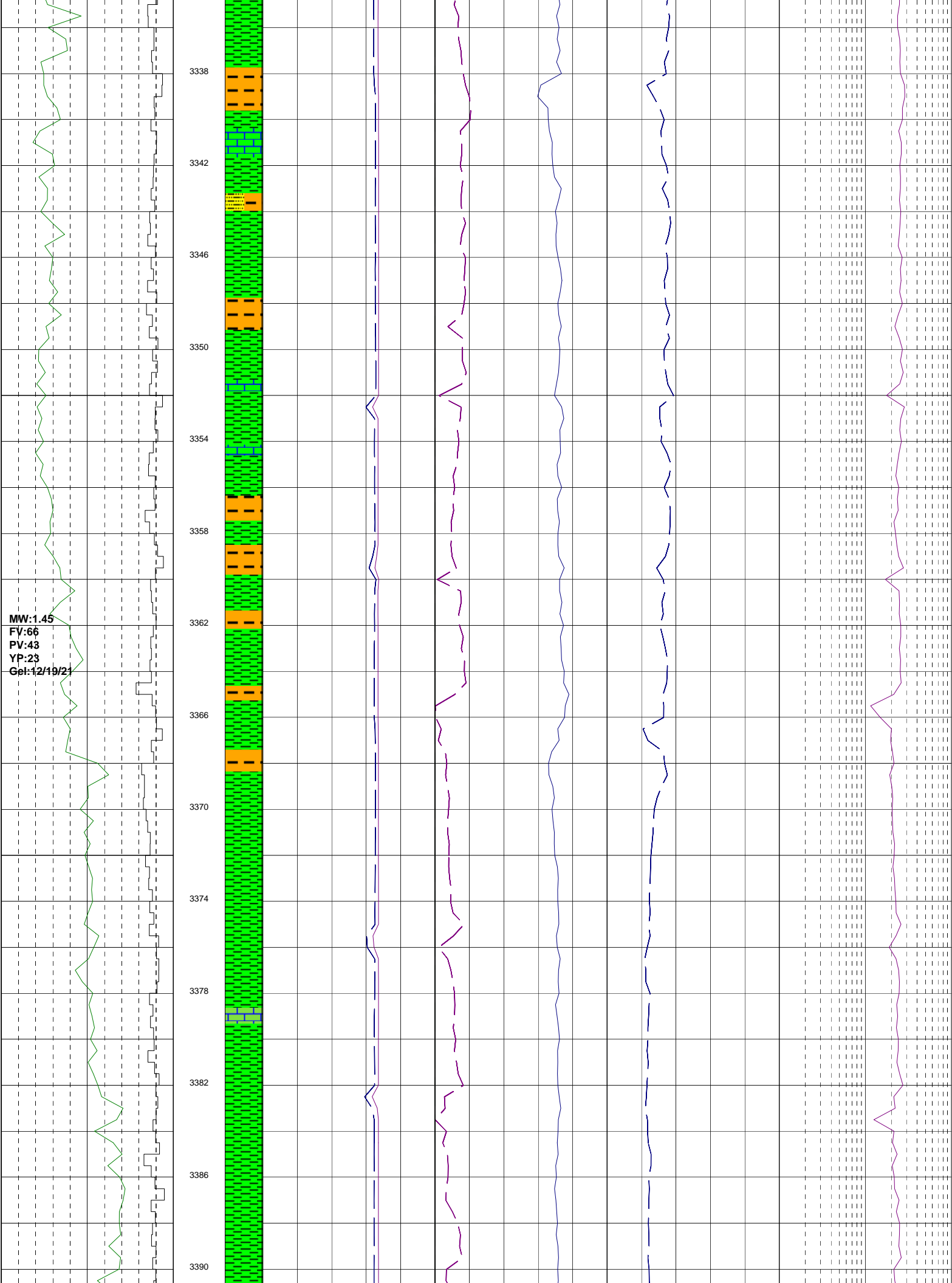
3326

3330

3334

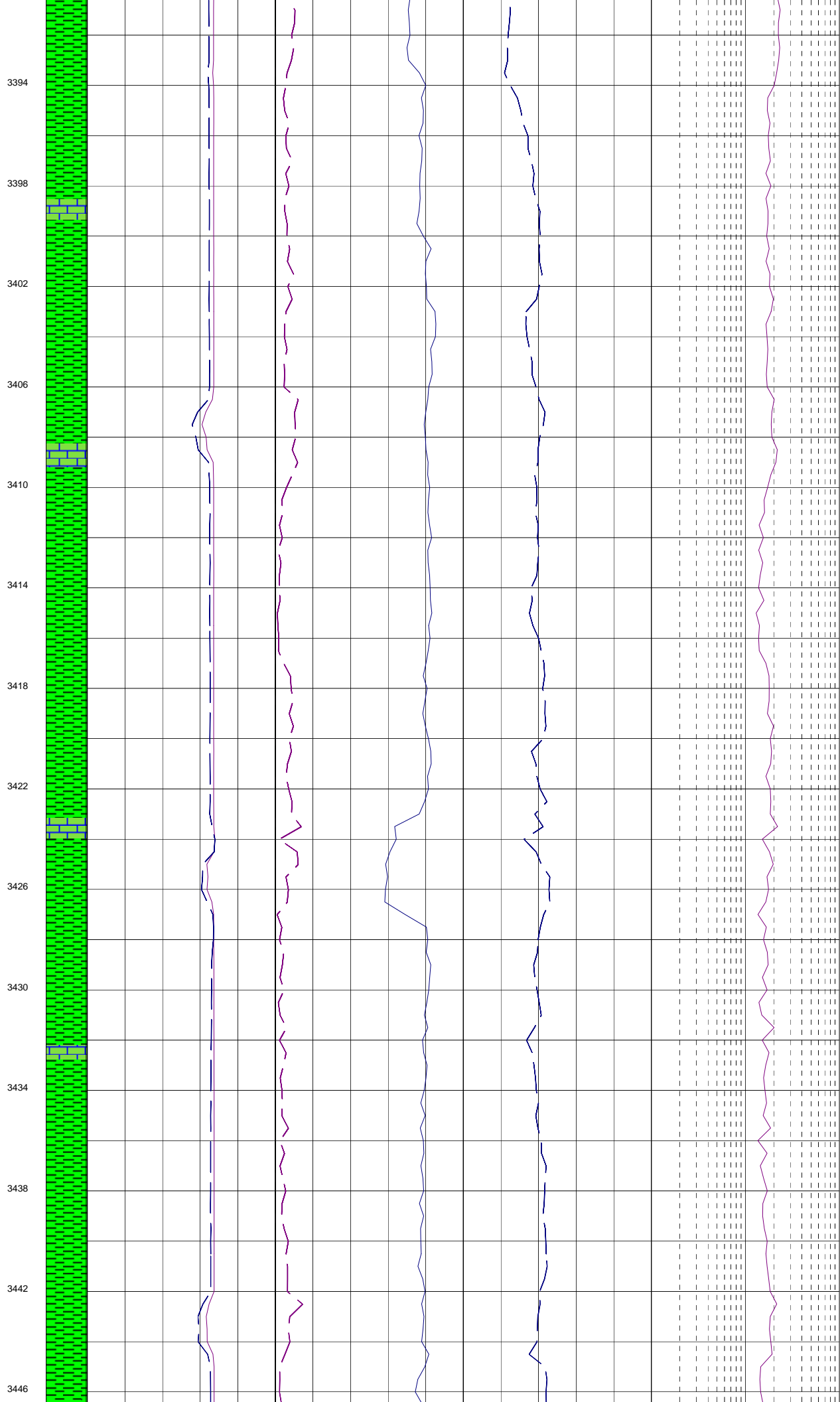
MW:1.45  
FV:66  
PV:42  
YP:22  
Gel:11/18/21





WOB:0.0-14.8  
RPM:120-162  
SPP:2867-3282 psi  
FLW:939-1010 gpm  
TRQ:8309-16308 lb\*ft

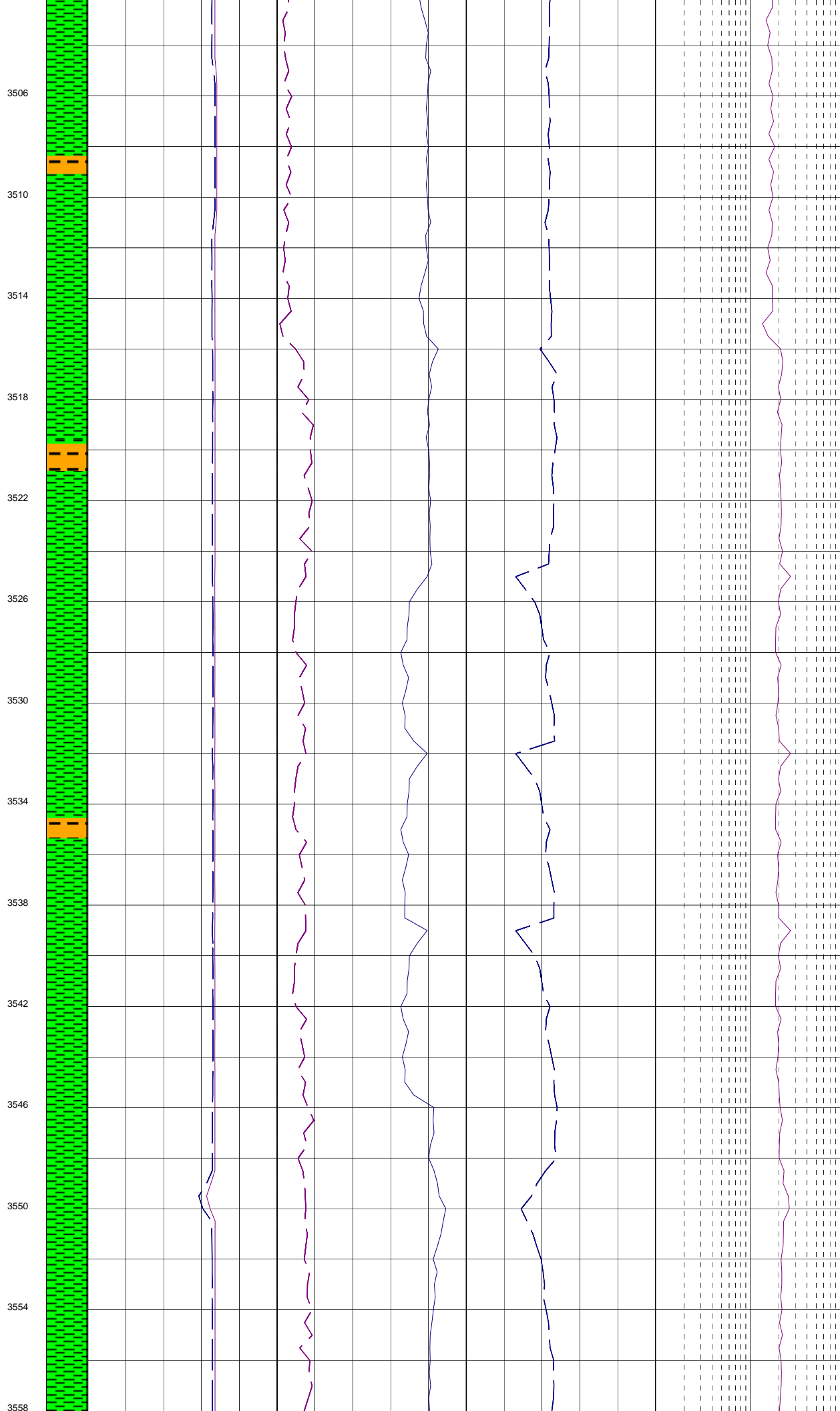
MW:1.45  
FV:63  
PV:46  
YP:17  
Gel:11/17/20

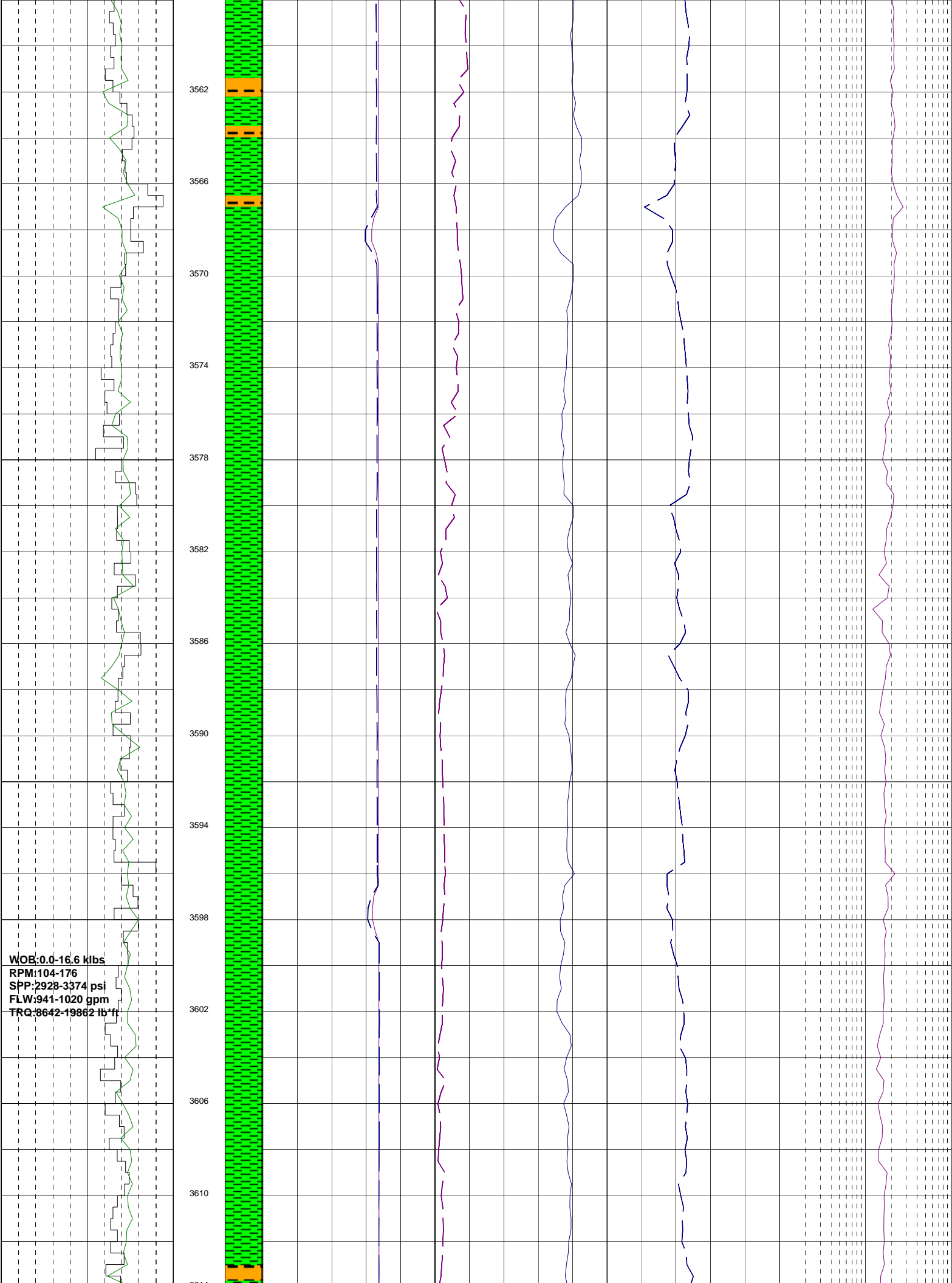




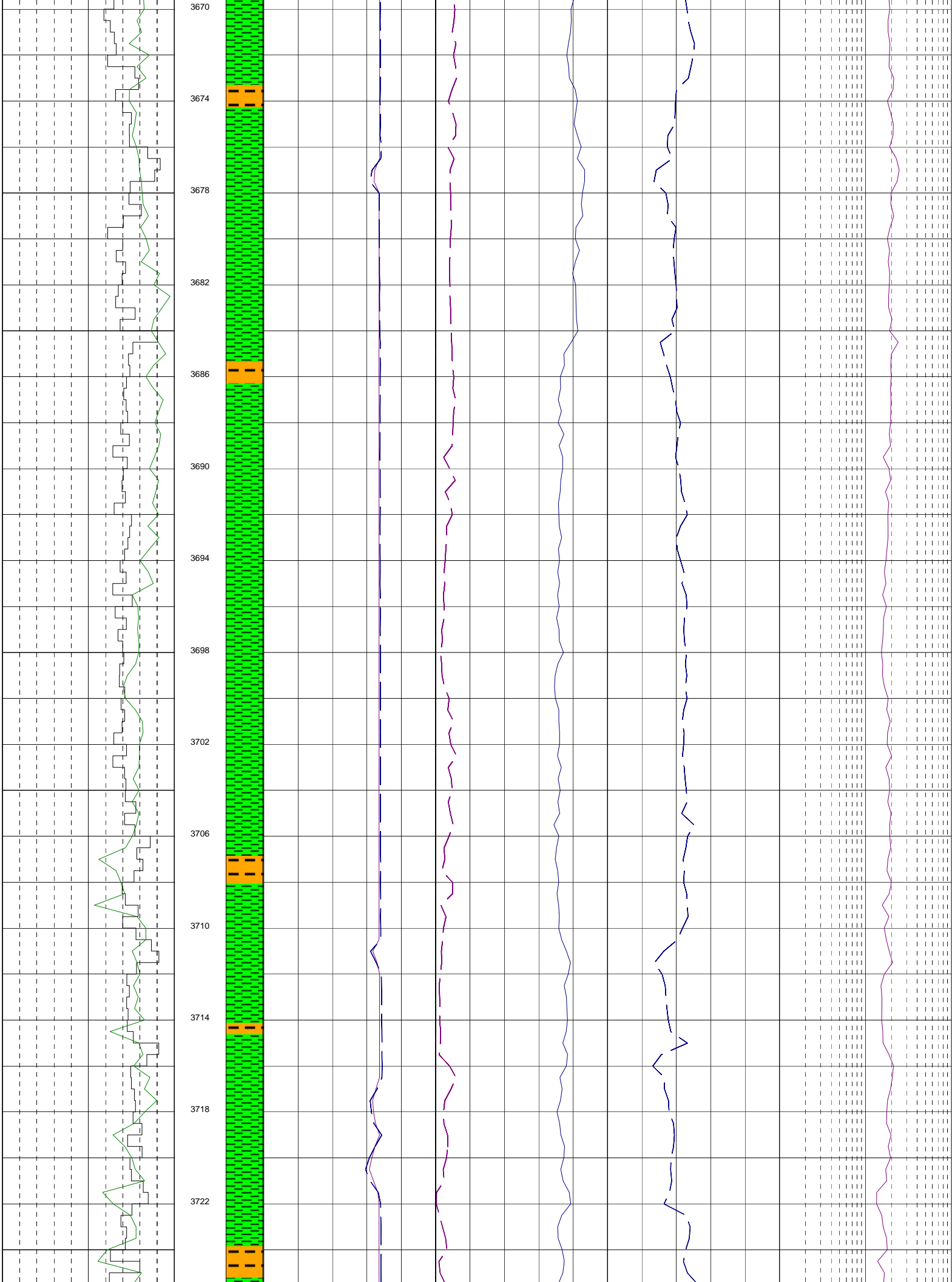
WOB:0.0-9.0 klbs  
RPM:115-169  
SPP:2783-3387 psi  
FLW:915-1022 gpm  
TRQ:9347-19362 lb\*ft

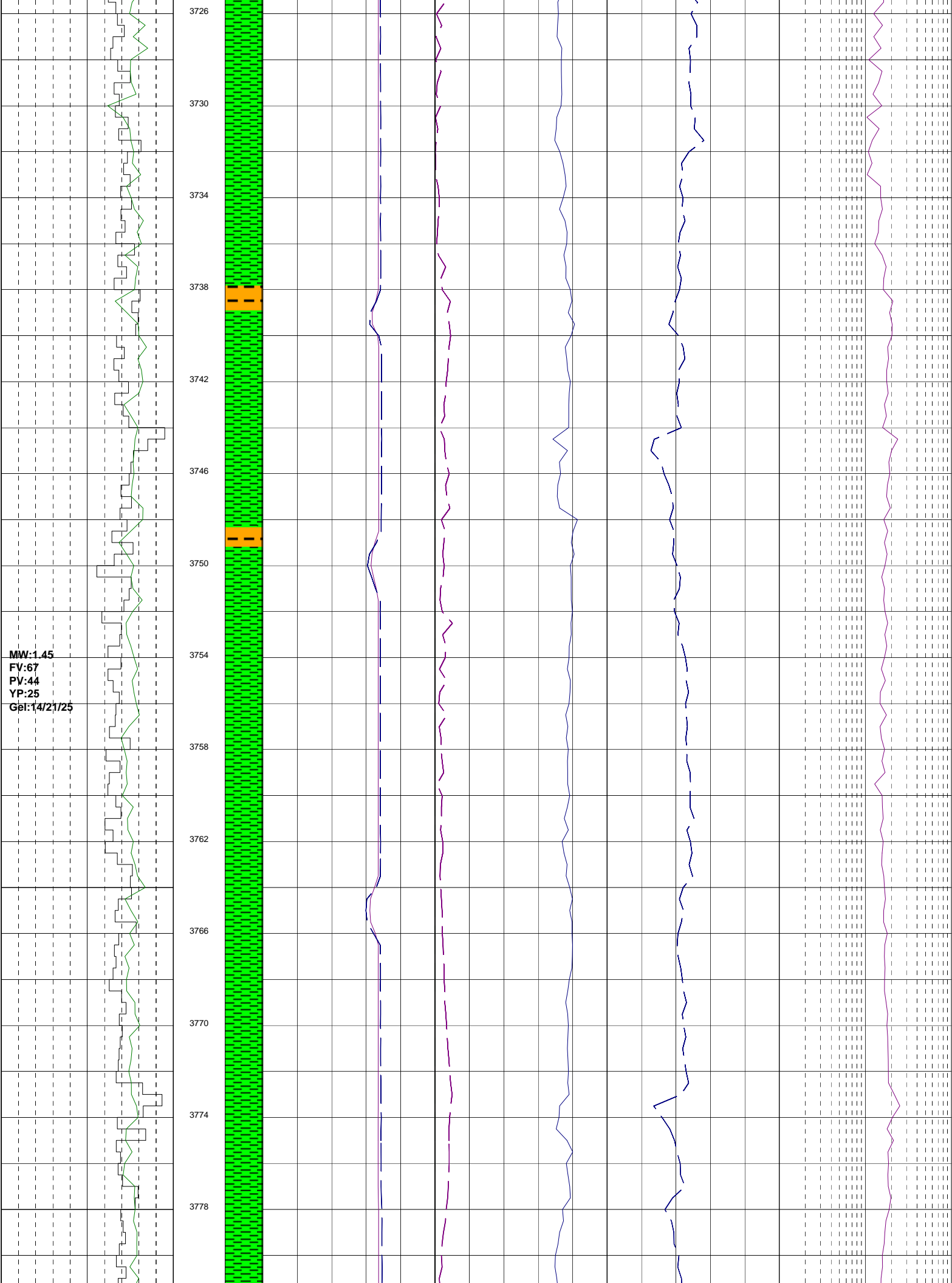
01+09-14







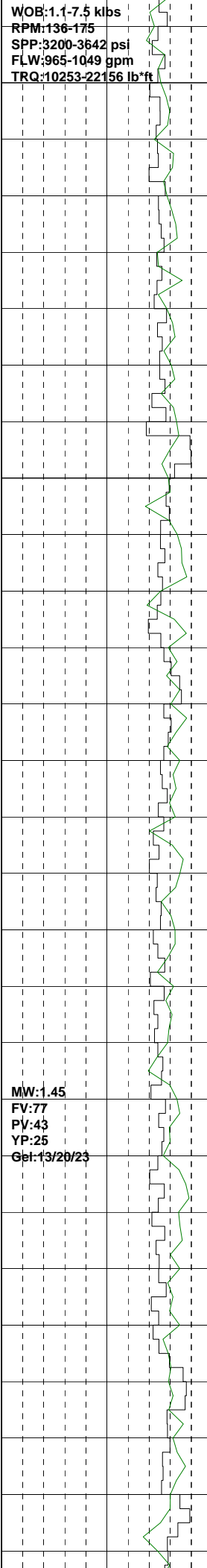




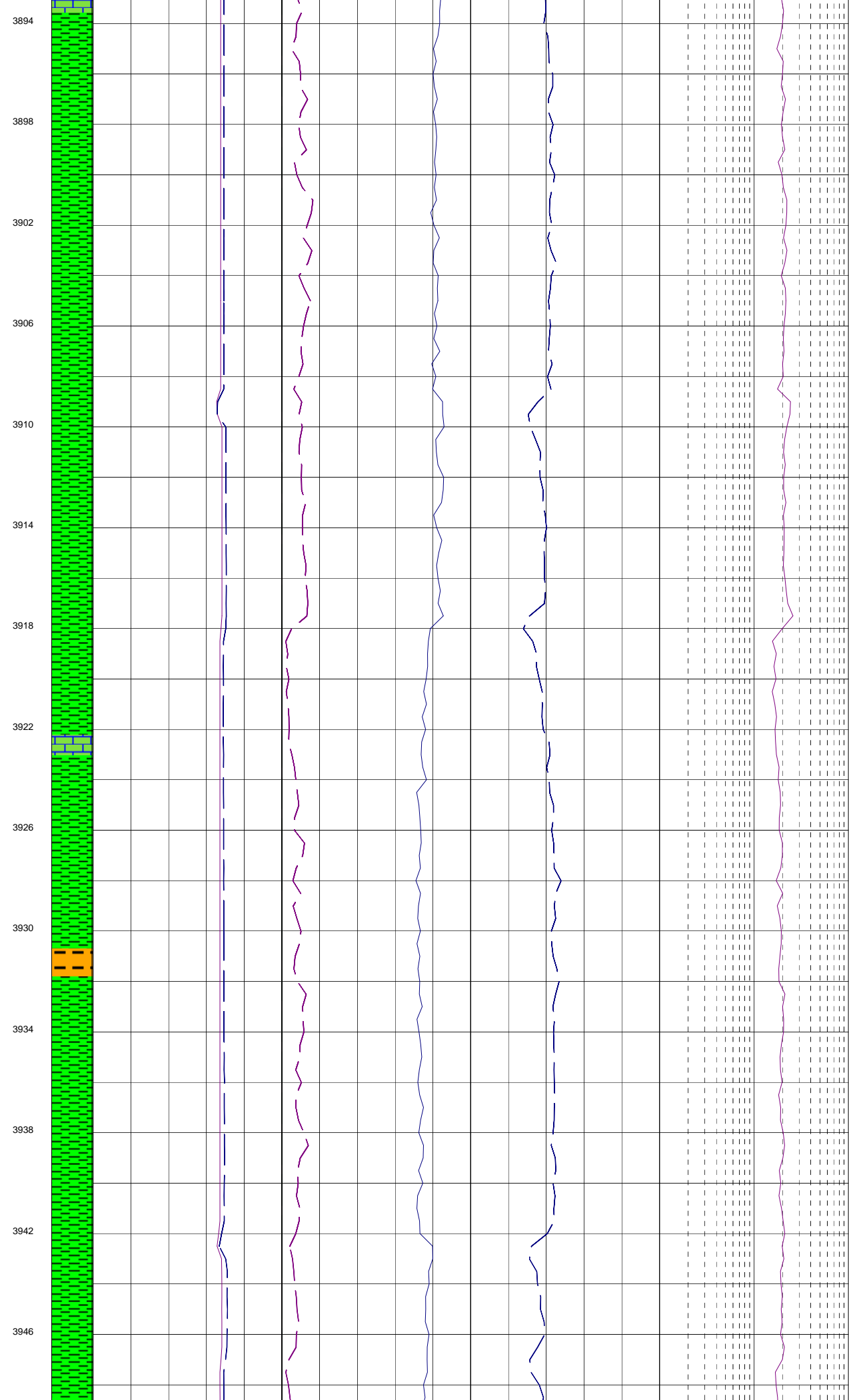








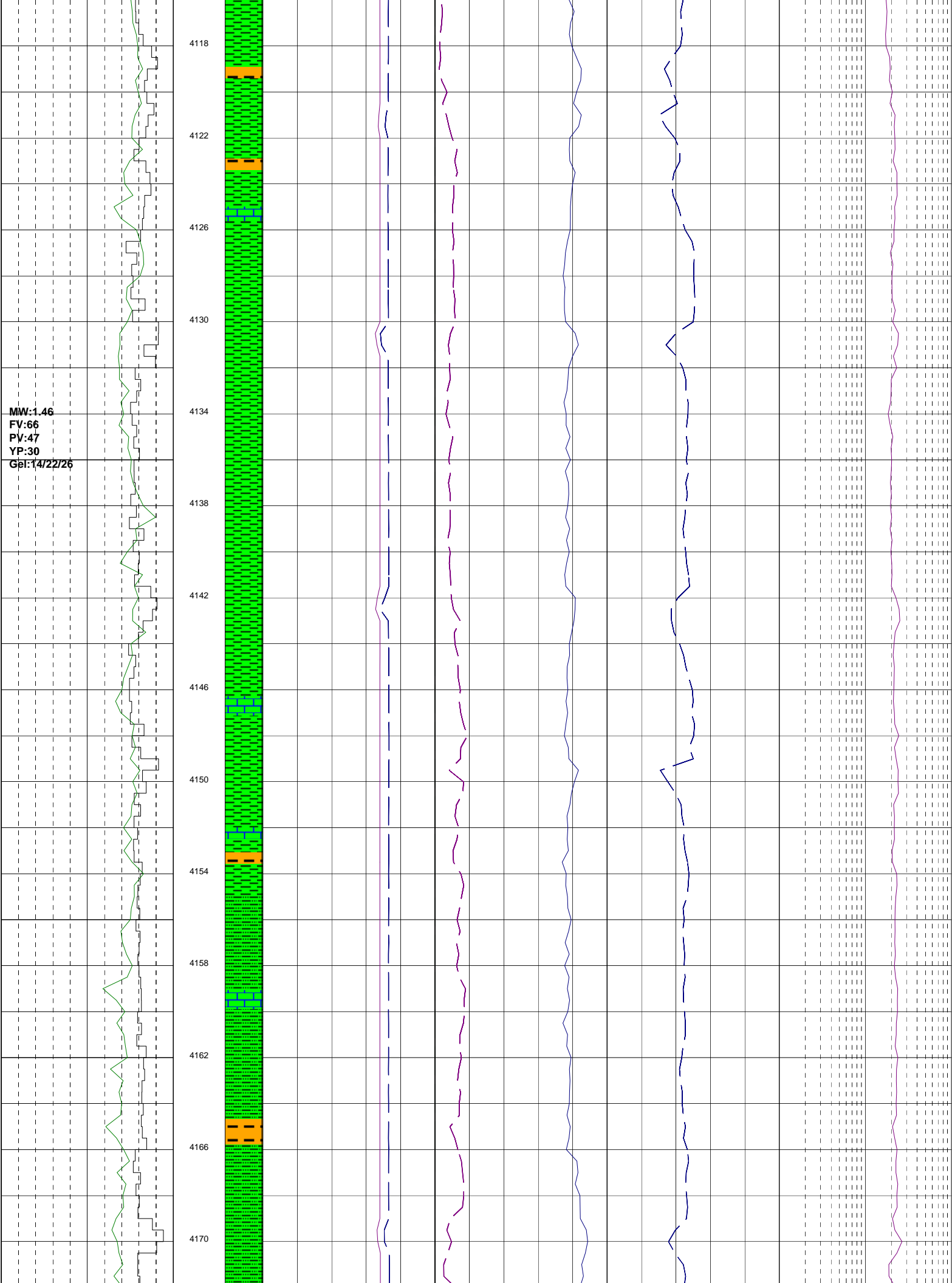
MW: 1.45  
FV: 77  
PV: 43  
YP: 25  
Gel: 13/20/23







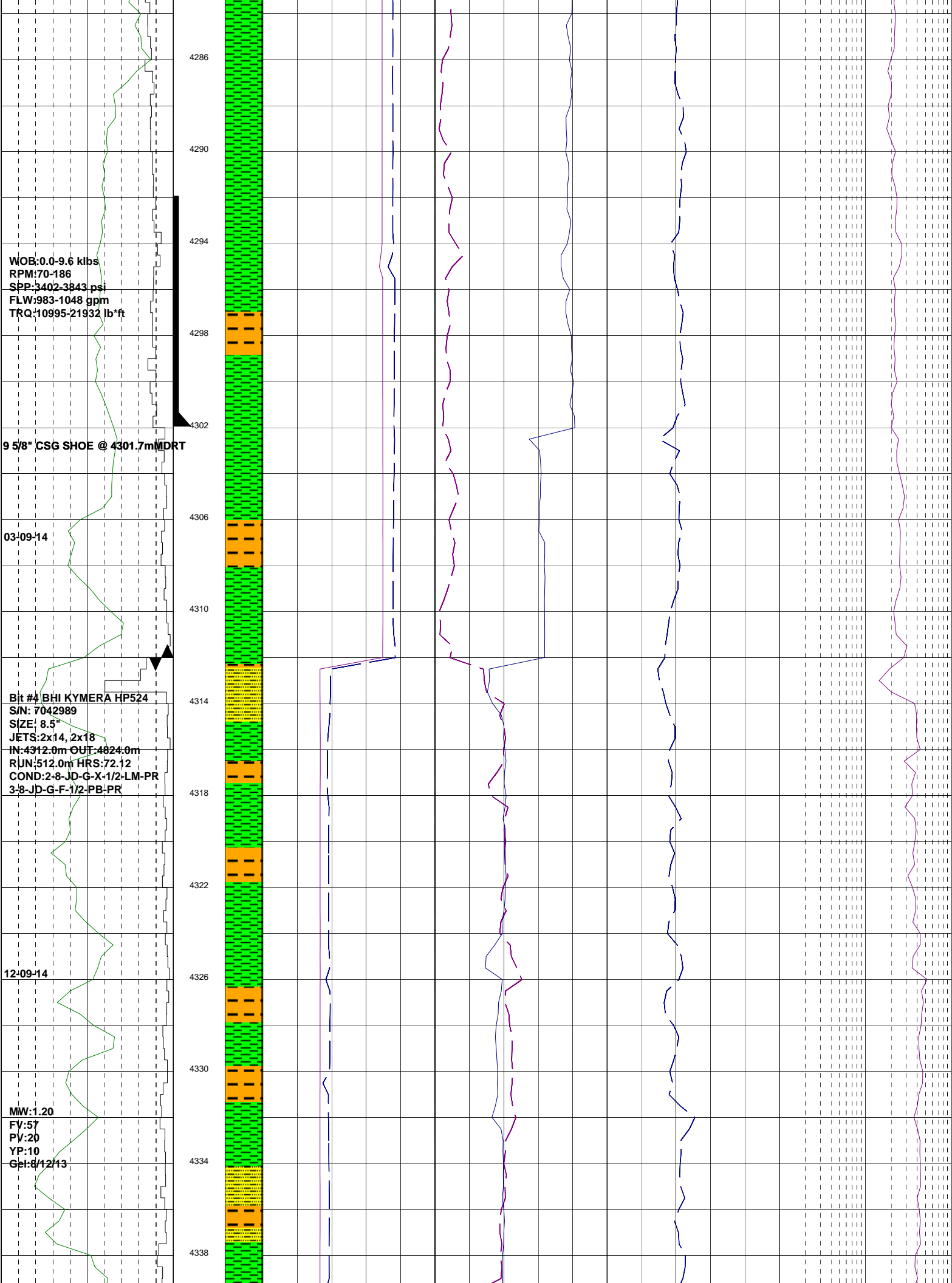


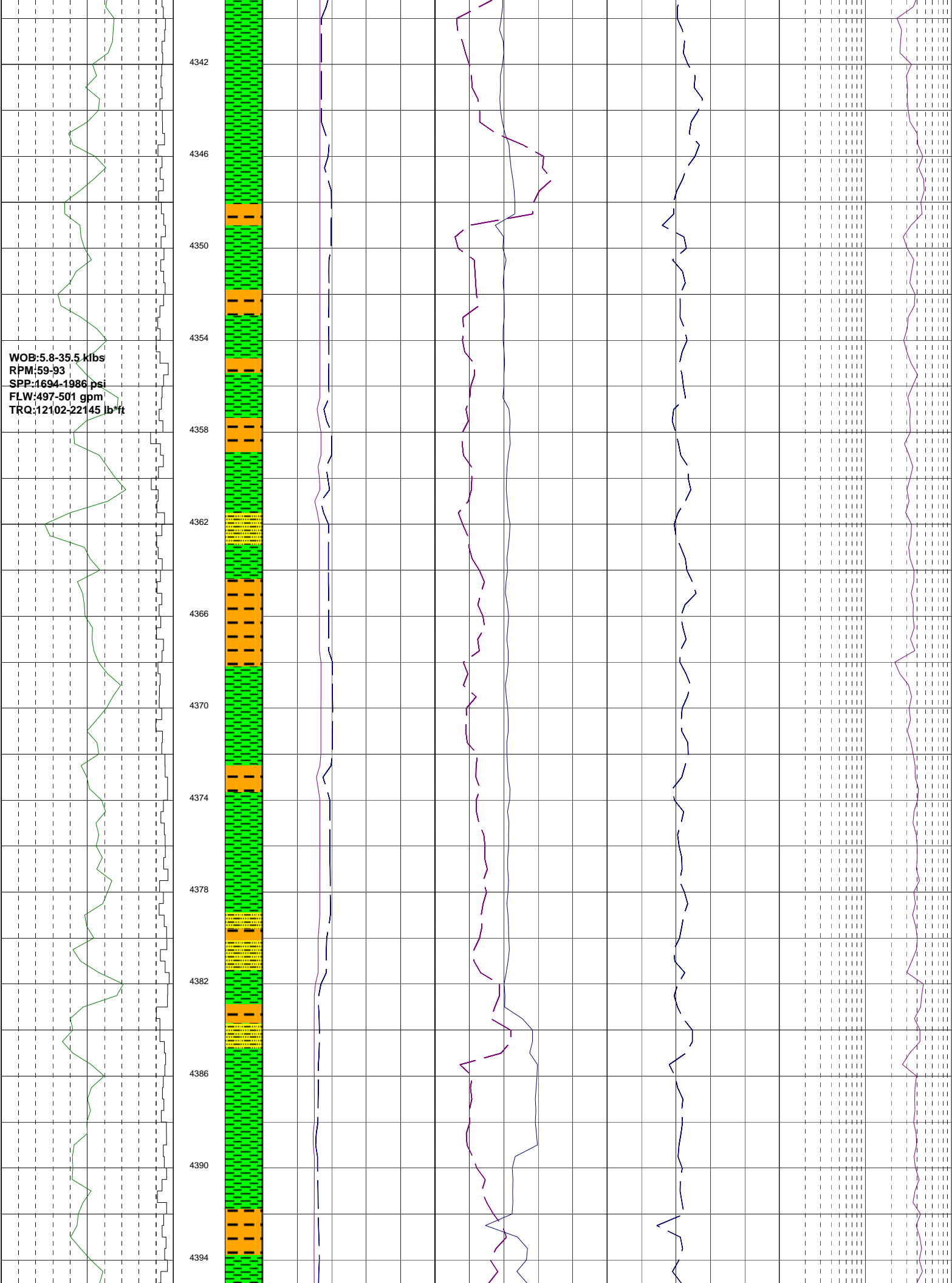












13-09-14

WOB:6-34 klbs  
RPM:55-119  
SPP:1487-2025 psi  
FLW:433-507 gpm  
TRQ:11511-22145 lb\*ft

MW:1.20  
FV:57  
PV:23  
YP:12  
Gel:9/14/17

4398

4402

4406

4410

4414

4418

4422

4426

4430

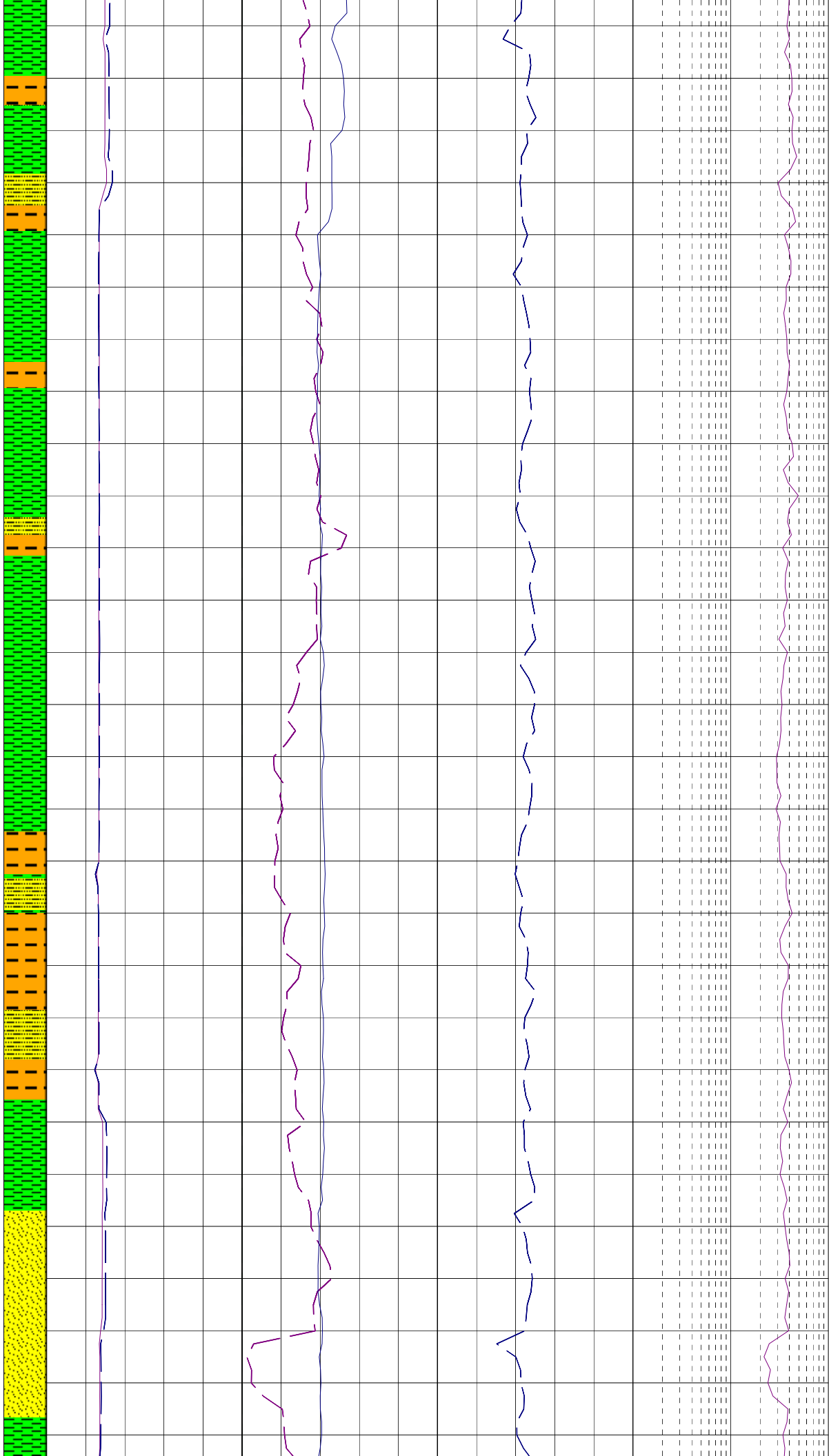
4434

4438

4442

4446

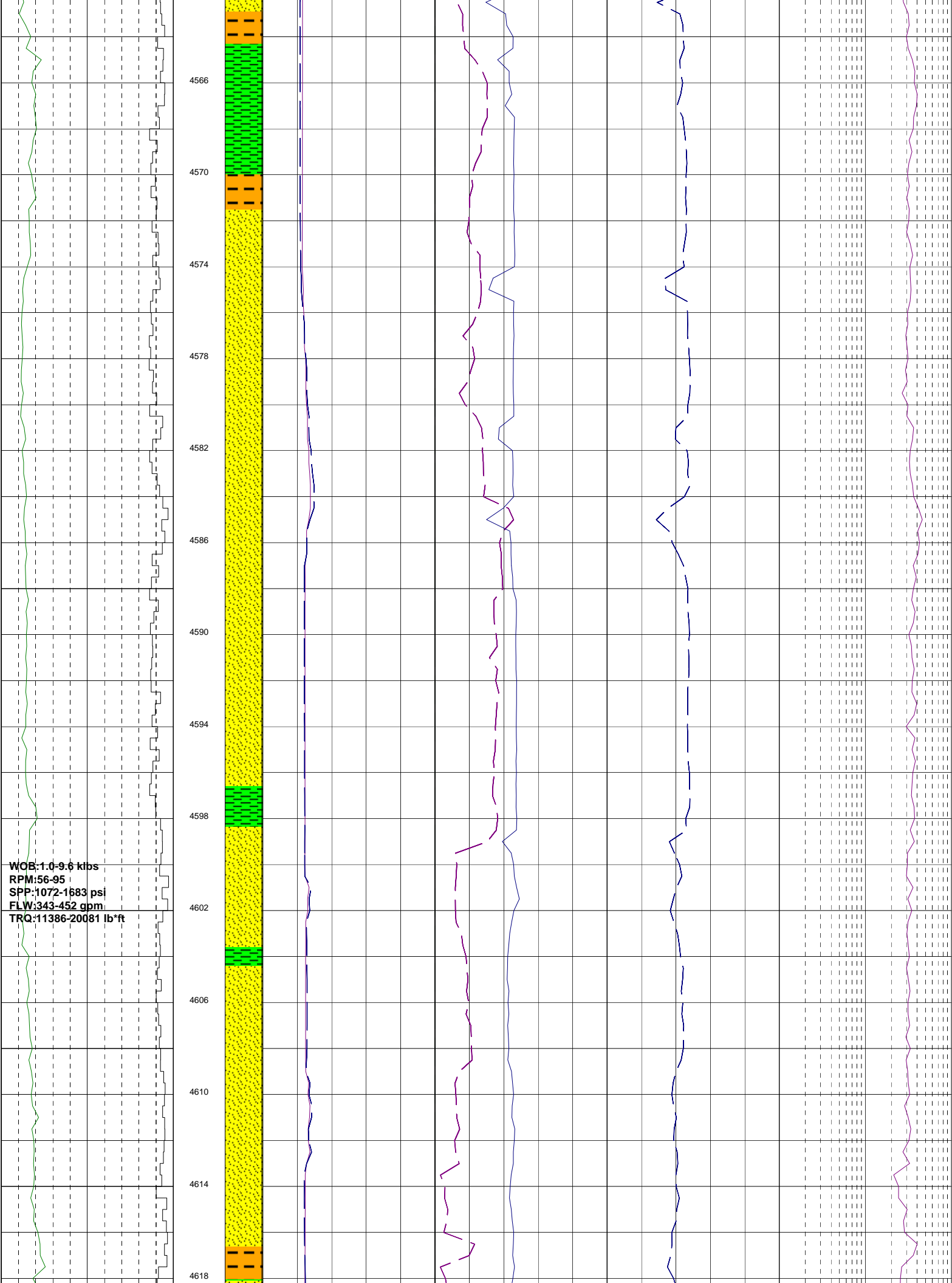
4450





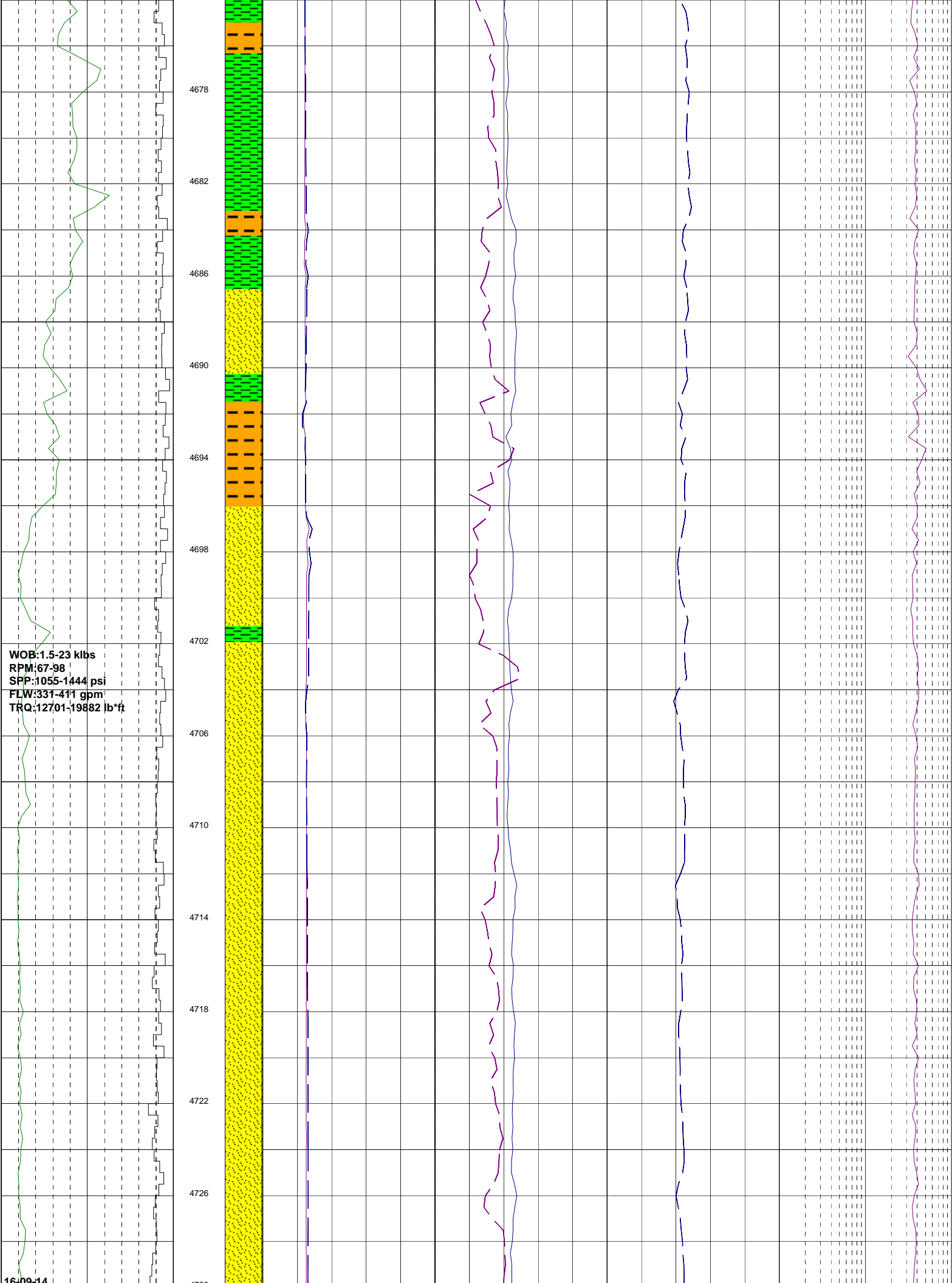
FLW:375-460 gpm  
TRQ:11000-20064 lb\*ft



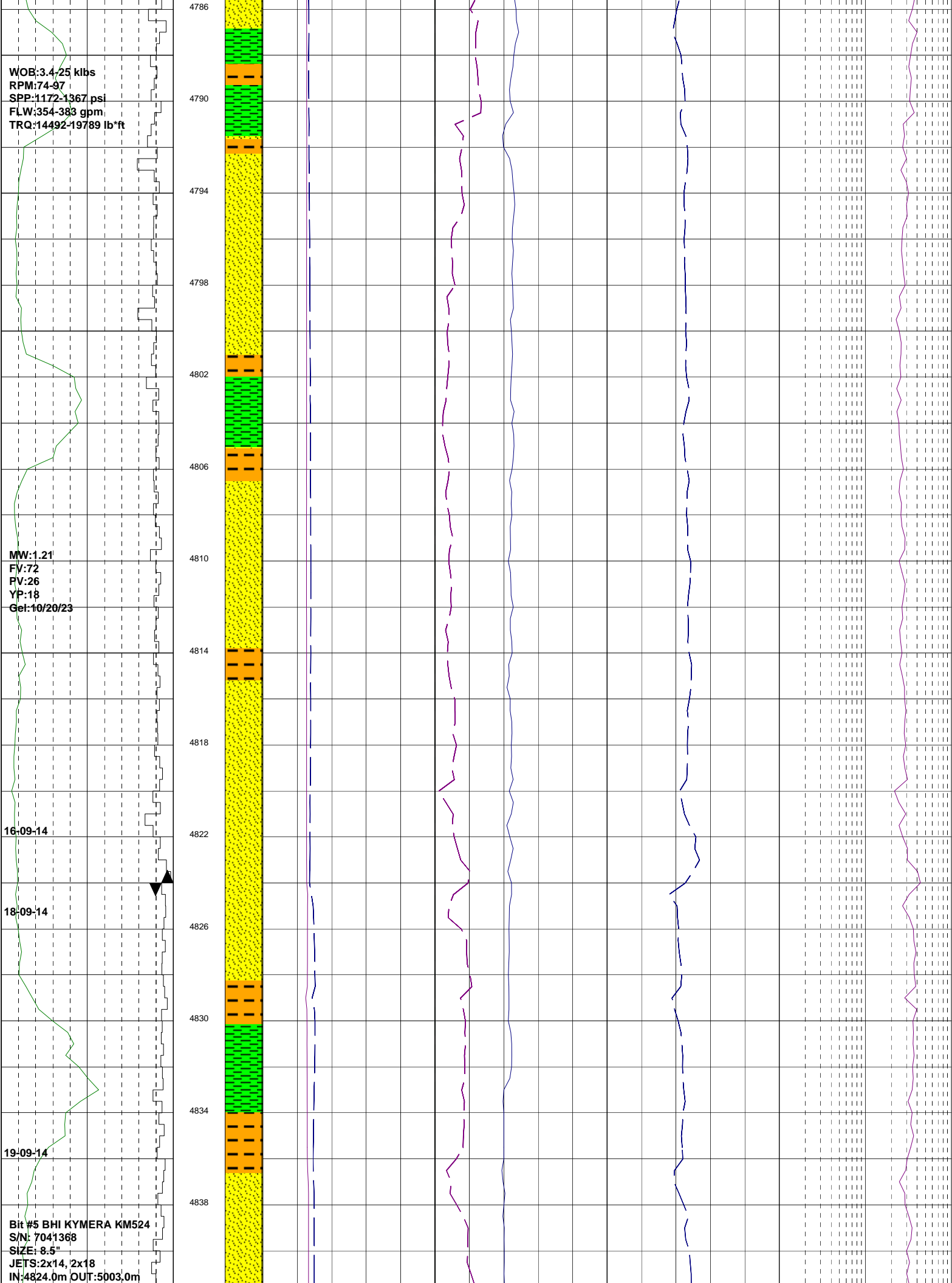












RUN:179.0m HRS:19.27  
COND:1-4-BT-S-X4-JD-HP  
1-8-BT-G-E-I-JD-HP







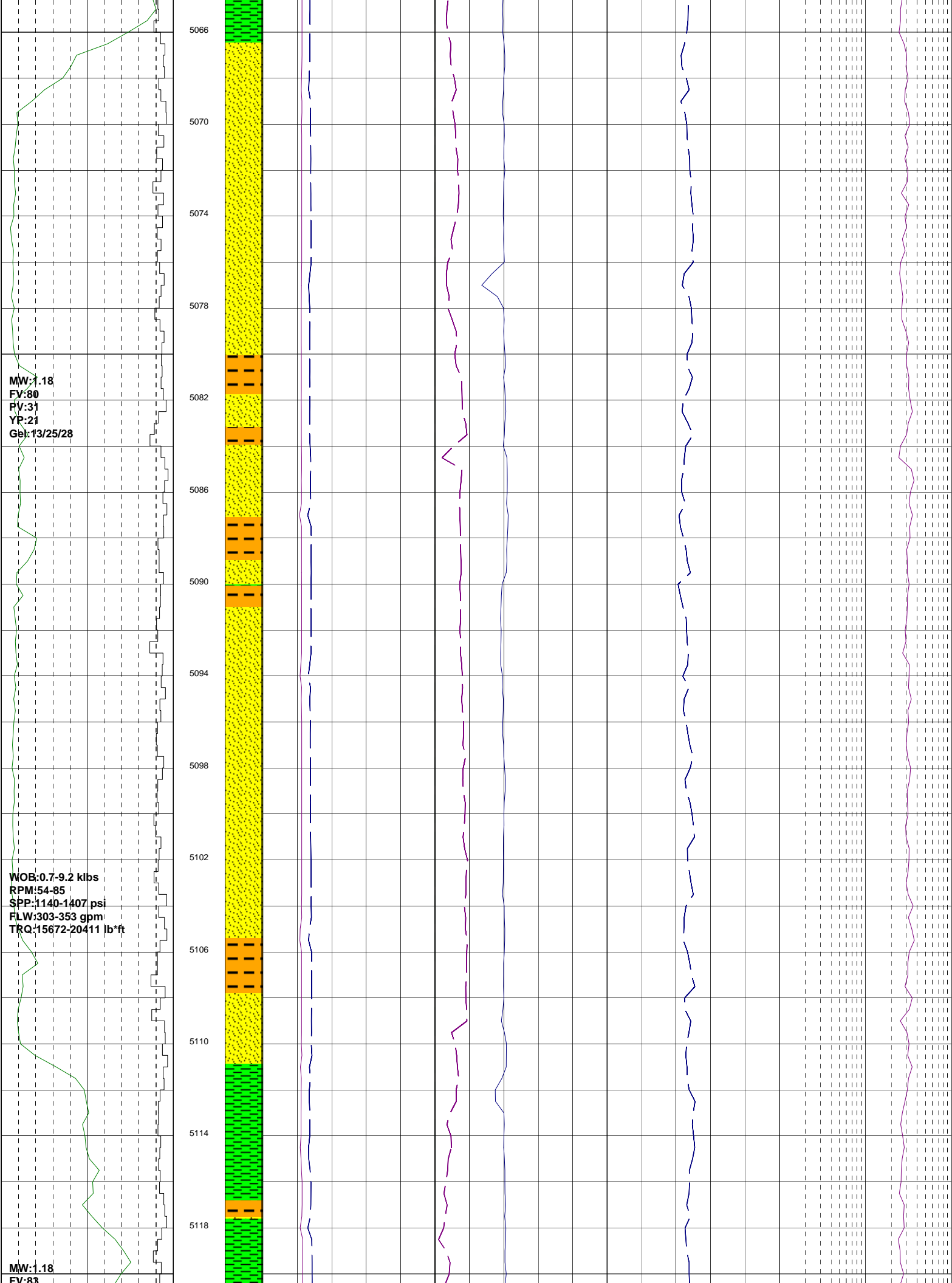
COND:1-1-WT-S-A-I-NO-TD  
1-2-BT-S-E-I-NO-TD

WOB:0.7-8.1 klbs  
RPM:69-85  
SPP:1140-1407 psi  
FLW:305-354 gpm  
TRG:15672-20411 lb-ft

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

27-09-14



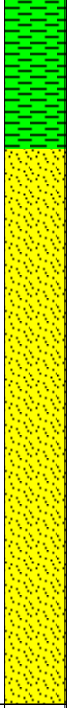




PV:31  
YP:22  
Gel: 14/24/27

7" LINER SHOE @ 5135.0mMDRT

5122  
5126  
5130  
5134  
5138  
5142



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

