



FIVE INCH ROP-MD

COUNTY	Fayette County
FIELD	Giddings
LOCATION	Fayette County
WELL	Ozark 1H
COMPANY	Magnolia Oil & Gas

COMPANY	Magnolia Oil & Gas	RIG	248
CONTRACTOR	Patterson-UTT		
WELL	Ozark 1H		
FIELD	Giddings		
COUNTY	Fayette County	STATE	Texas
LOCATION		Other Services Five Inch ROP-MD	
API SERIAL NO	SECTION	TOWNSHIP	RANGE
42-149-33522			
X= 2727473.71 Y= 789362.5			

SPUD DATE	6/19/2021	TOTAL DEPTH	20,437'	Elev.	KB	387
LOGGING STARTED	6/26/2021	@	12,238'	D.F.		28'
LOGGING FINISHED	7/5/2021	@	20,437'	G.L.		359'
				S.F.		

BORE HOLE RECORD

BOLE SIZE	FROM	TO	SIZE	WGT	FROM	TO
6.75"	12.238'	20.437'	7.625"	29.7#	Surface	12.238'
















CASING RECORD

[illegible]

REMARKS: All depths correspond to drillers tally.

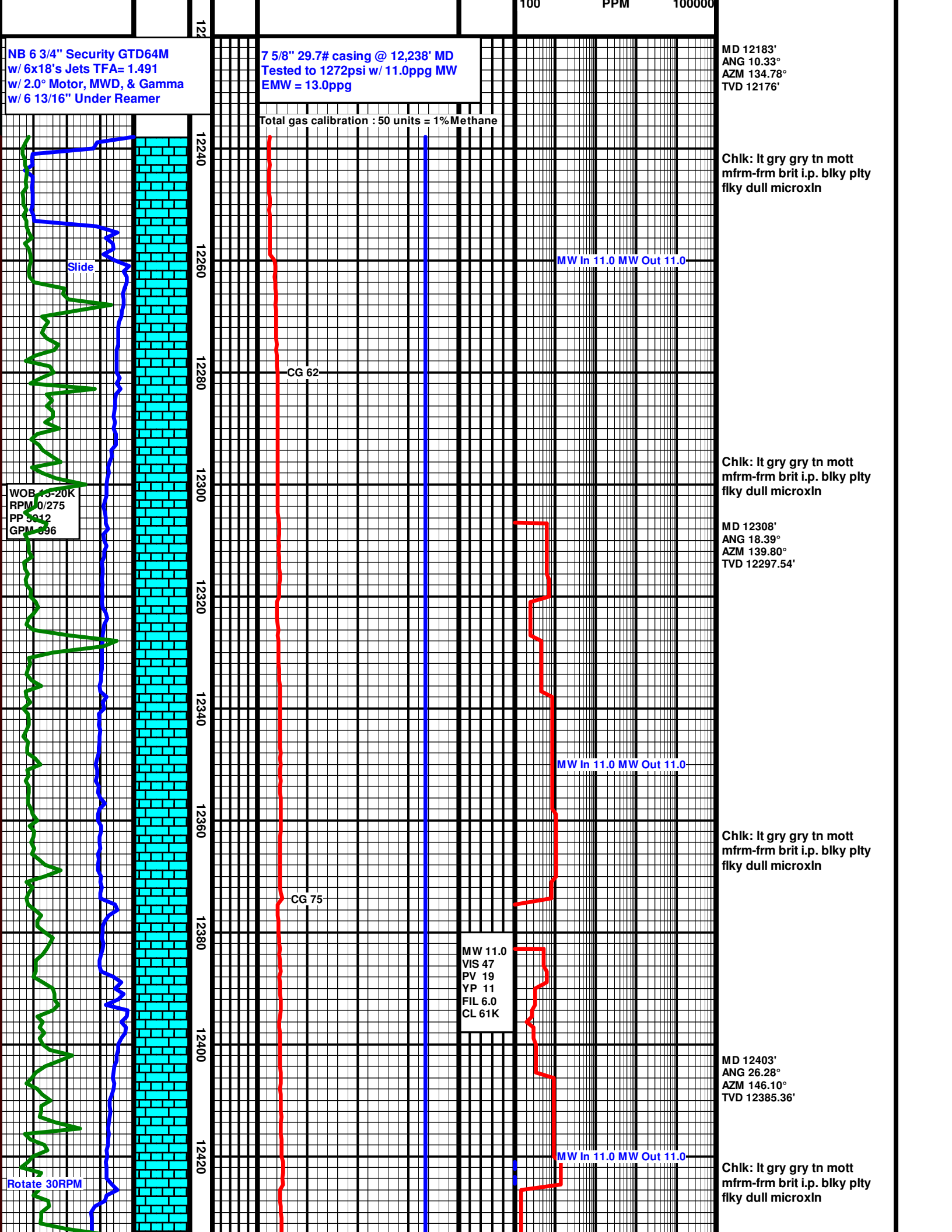
LOGGING PERSONNEL L.J. Dufrene, Josh Wilson

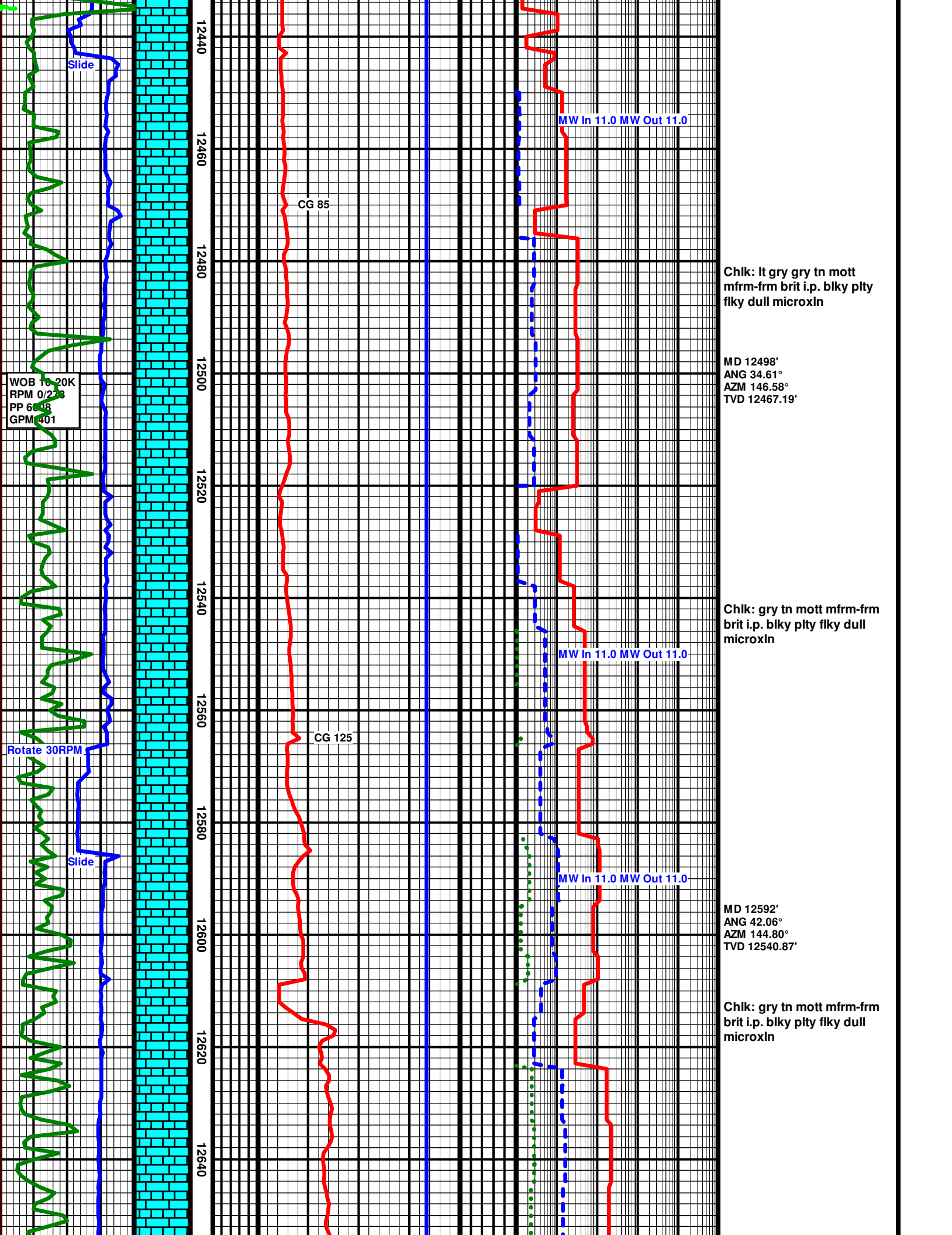
FOLD HERE **THE WELL NAME AND BOREHOLE REFERENCE DATA WERE FURNISHED BY THE CUSTOMER**

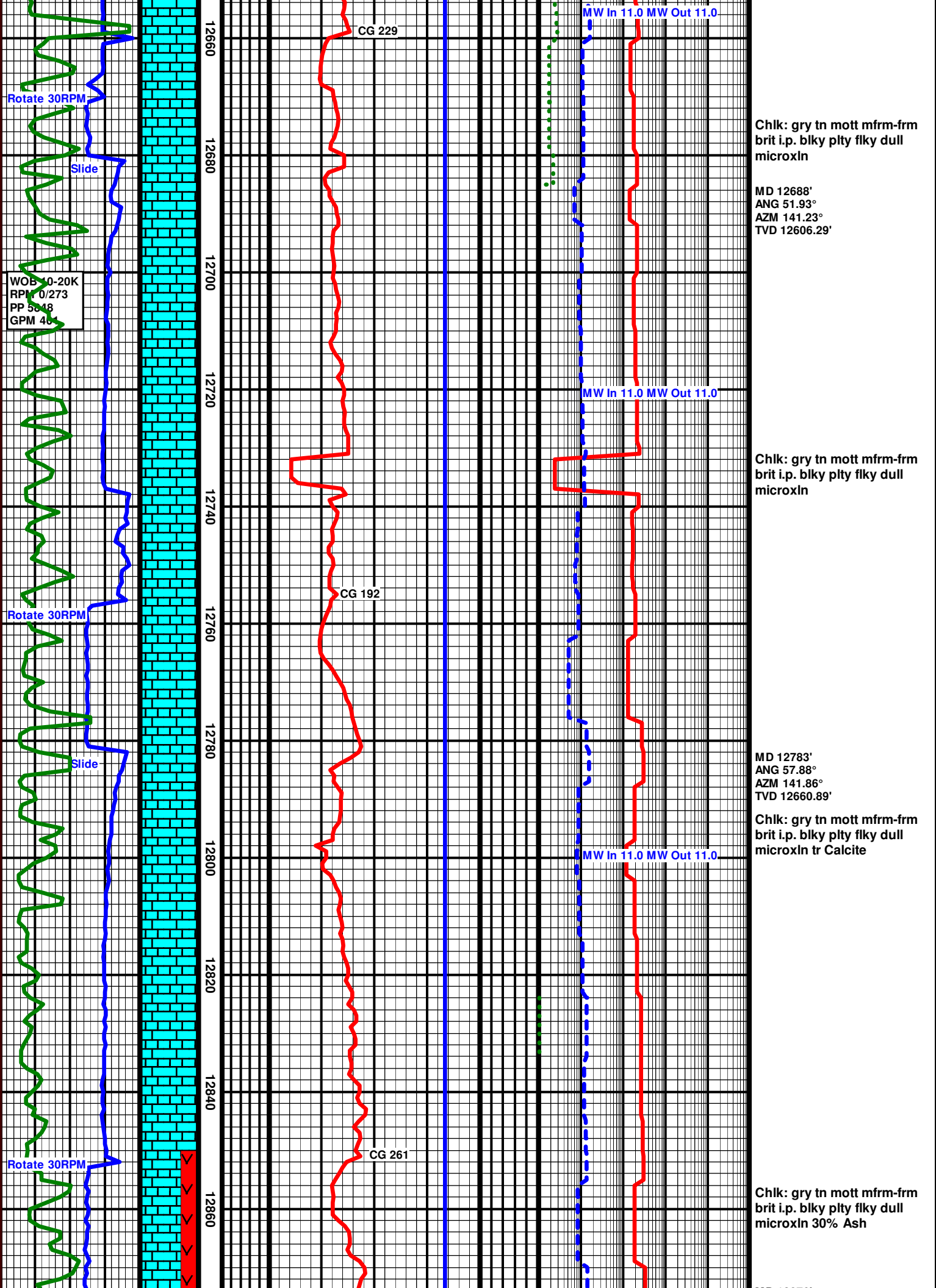
Company	Magnolia Oil & Gas	Shale	Limestone	Anhydrite	Dolomite	No Sample
Well	Ozark 1H					
Location	Fayette County	Sandstone	Coal	Ash	Sandy Limestone	Salt - Na
Supervisor	LJ Dufrene					
Unit	LR05	Siltstone	Cement	Chalk	Marl	Salt - K
						

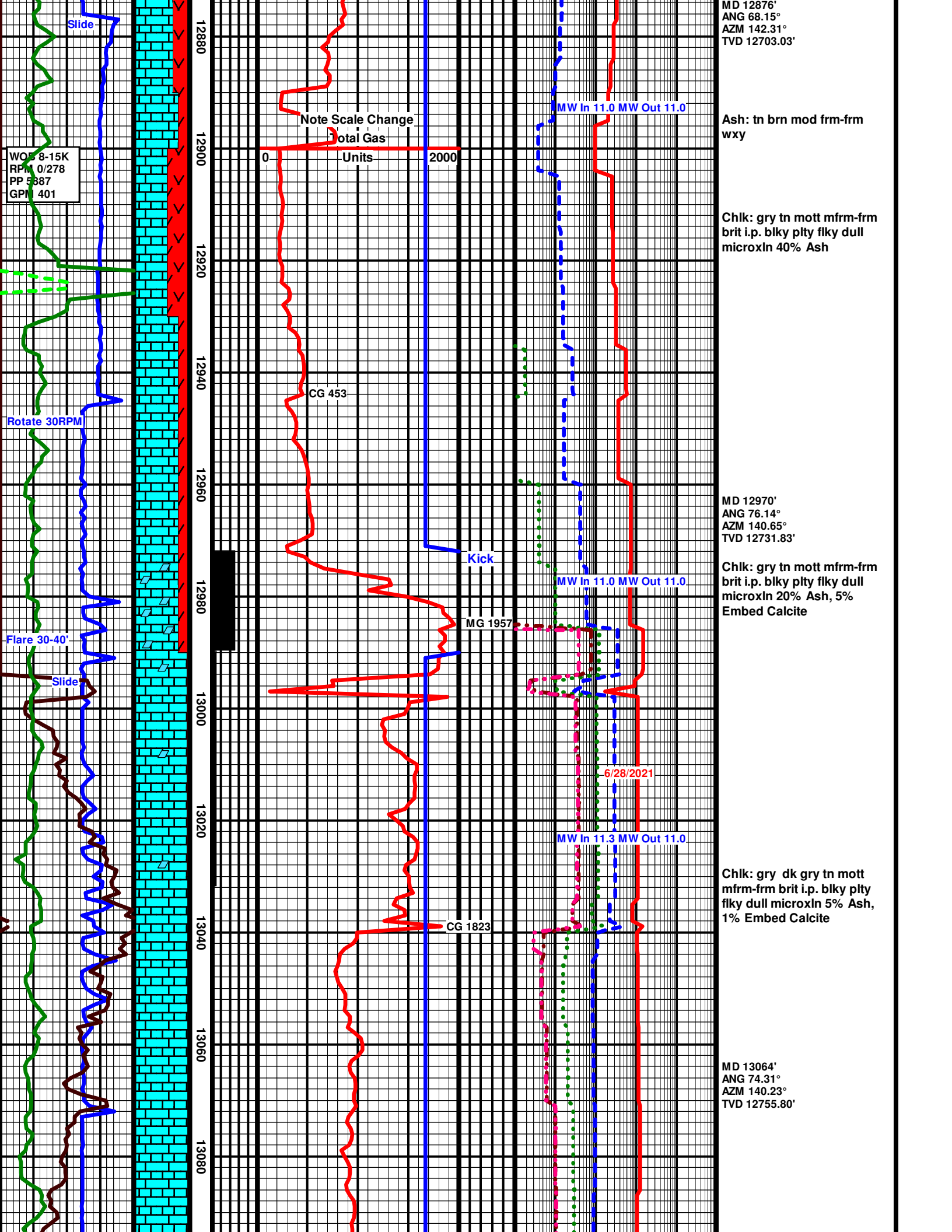
SHOWS HAVE THE FOLLOWING SIGNIFRGANCE			
T - TRACE [ZONE OF INTEREST]	NDB - NEW DIAMOND BIT	UDB - USED DIAMOND BIT	CG - CONNECTION GAS
P - POOR SHOW PROBABLY NOT PRODUCTIVE	NB - NEW BIT	CO - CIRCULATING OUT	NR - NO RETURNS
F - FAIR SHOW POSSIBLY PRODUCTIVE	TG - TRIP GAS	LAT - LOGGED AFTER TRIP	DS - DIRECTIONAL SURVEY
G - GOOD SHOW PROBABLY PRODUCTIVE			

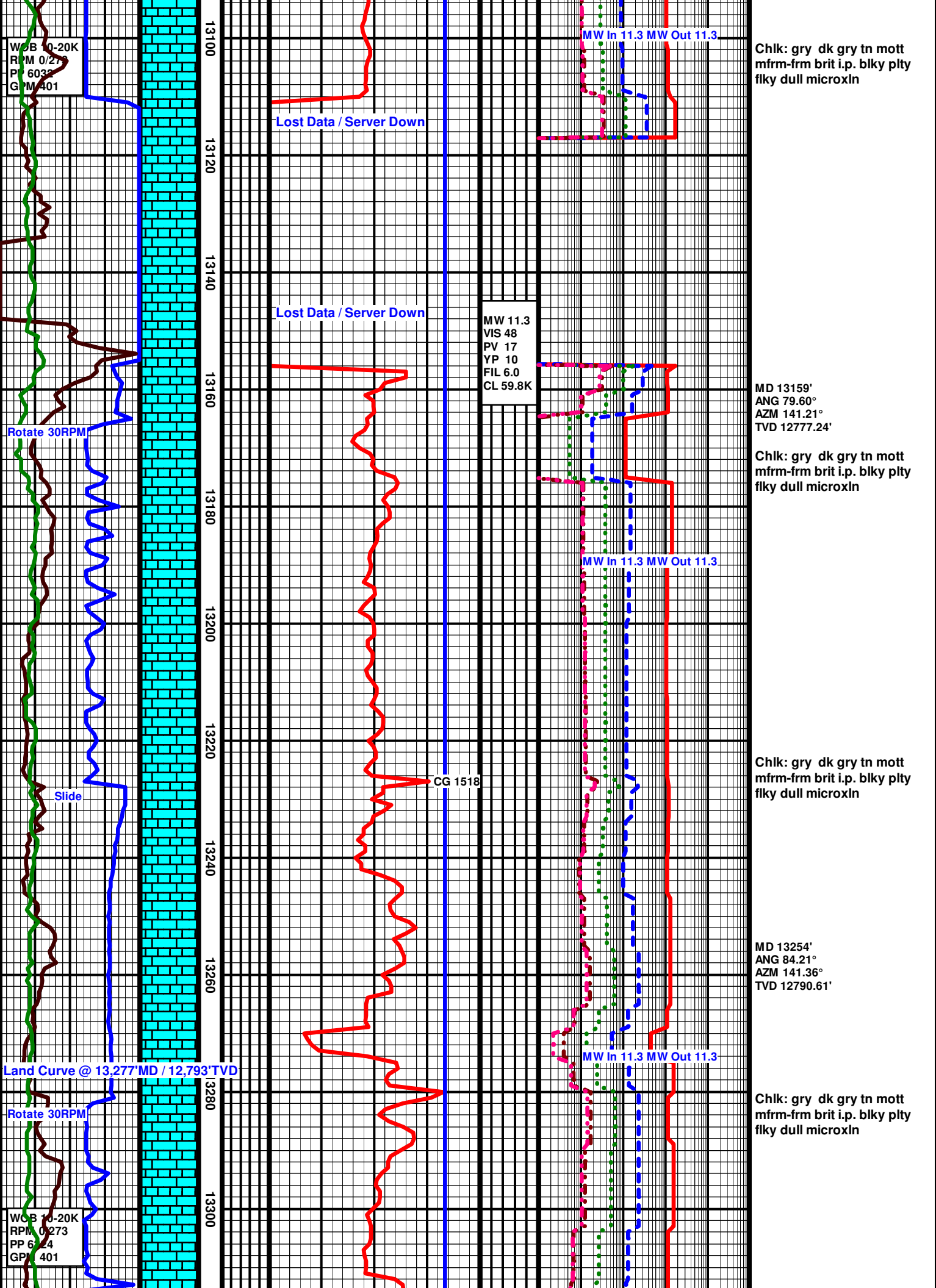
ROP			Lith		Frac.	Gas	Fluor	Chromatograph	Remarks
ROP						Total Gas		Methane	
400	Ft/Hr	0			0	Units	600	100 PPM 100000	
Casing Pressure						Kick / Loss		Ethane	
0	PSI	1000			-5		1	100 PPM 100000	
Gamma								Propane	
0	API	150						100 PPM 100000	
								IButane	
								100 PPM 100000	
								NButane	

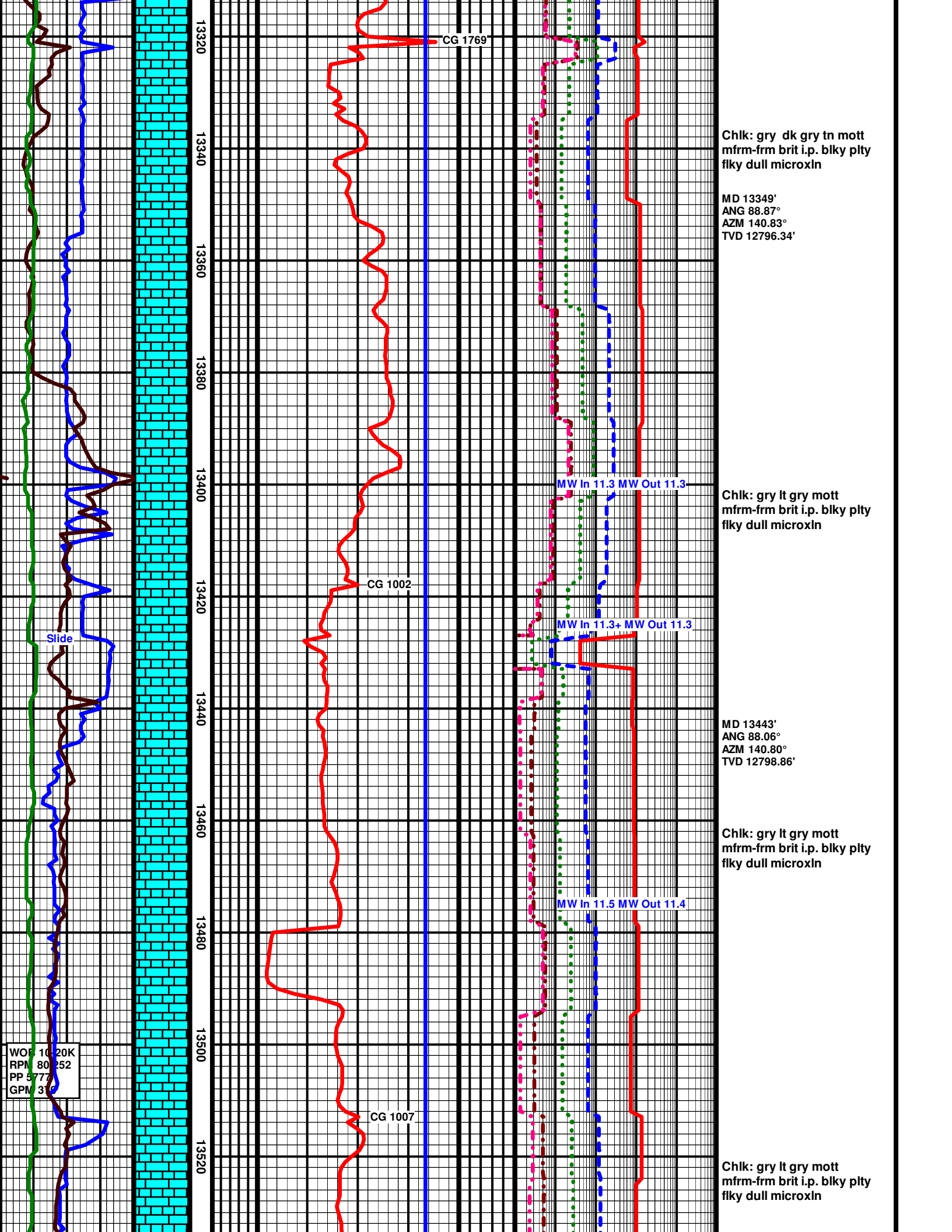


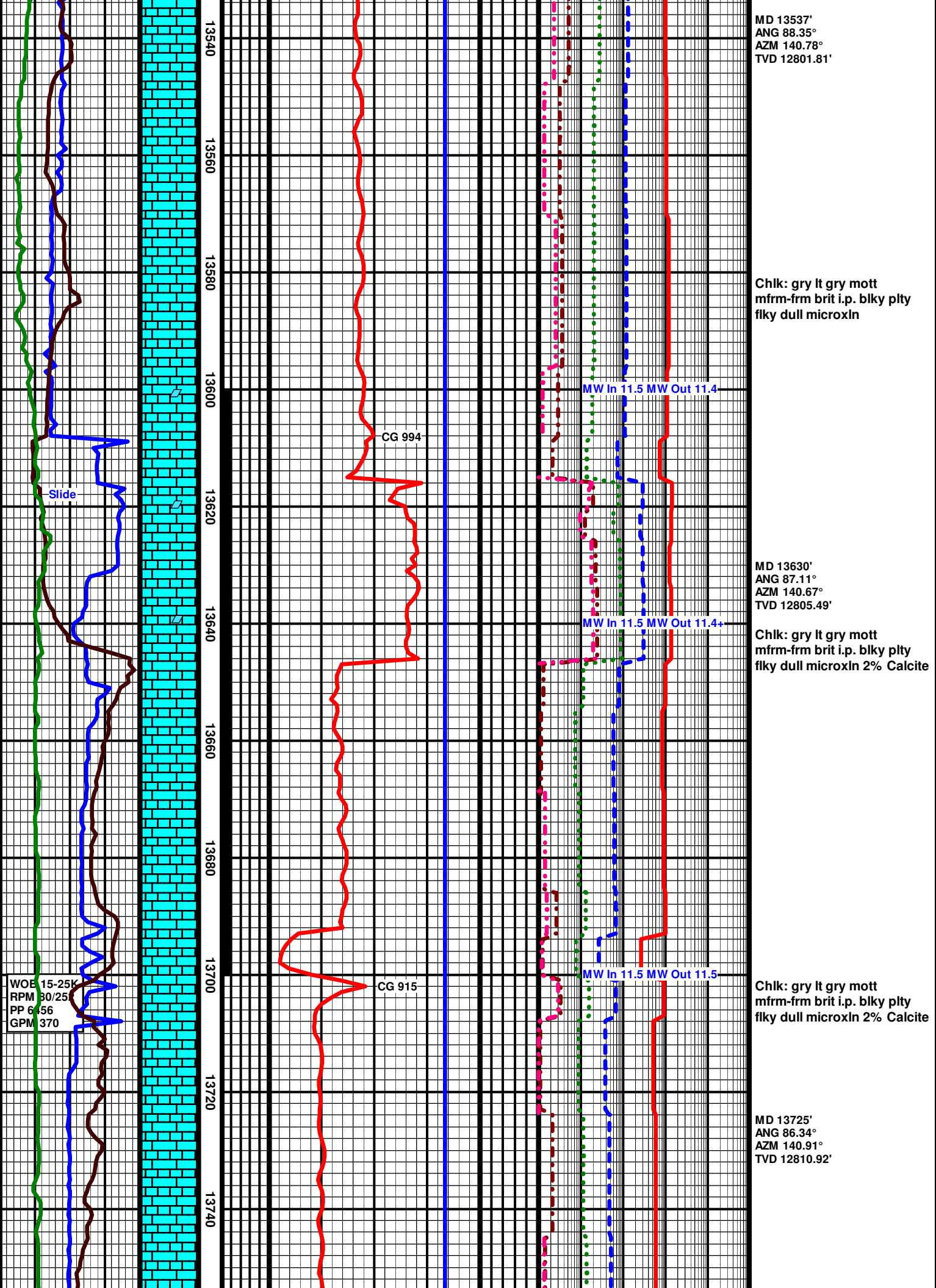


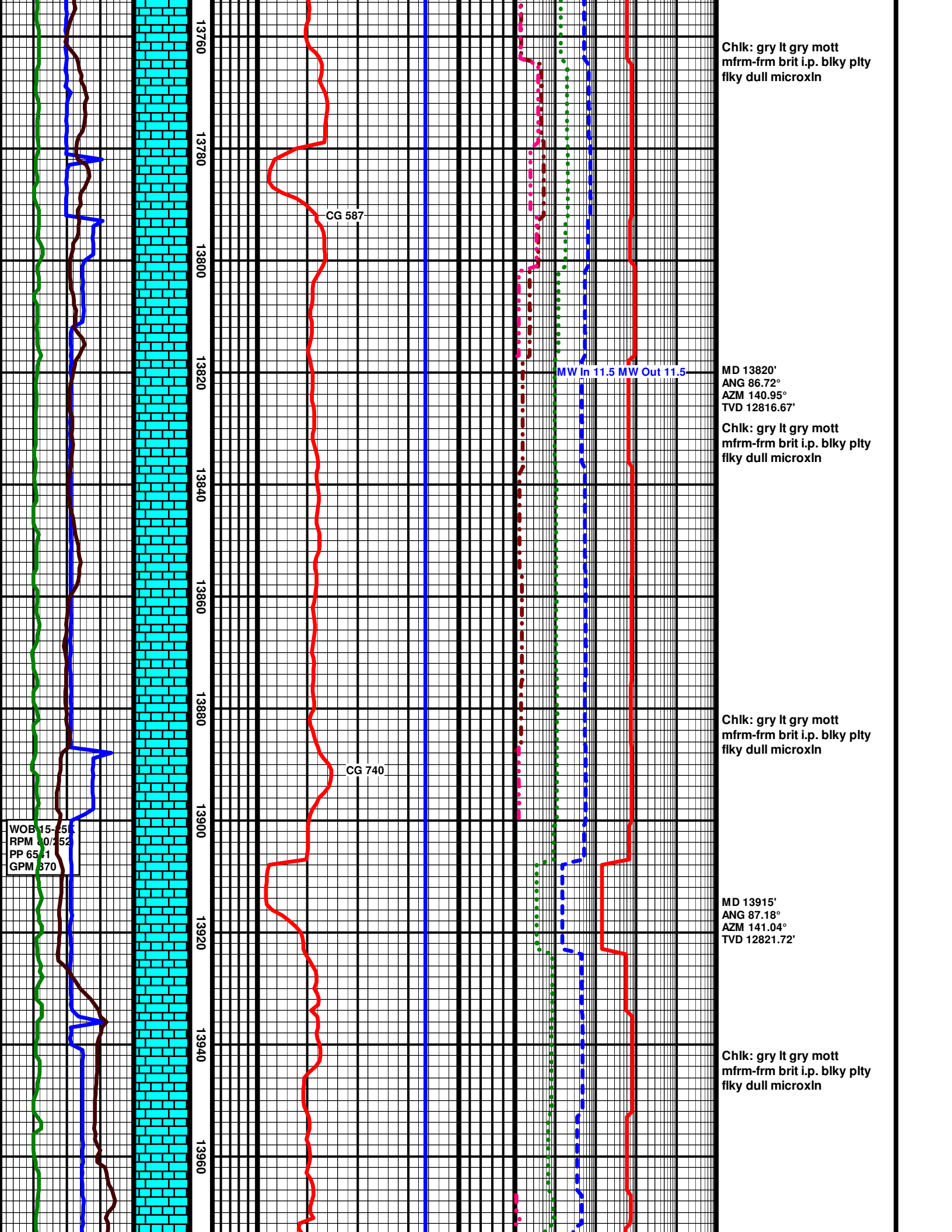


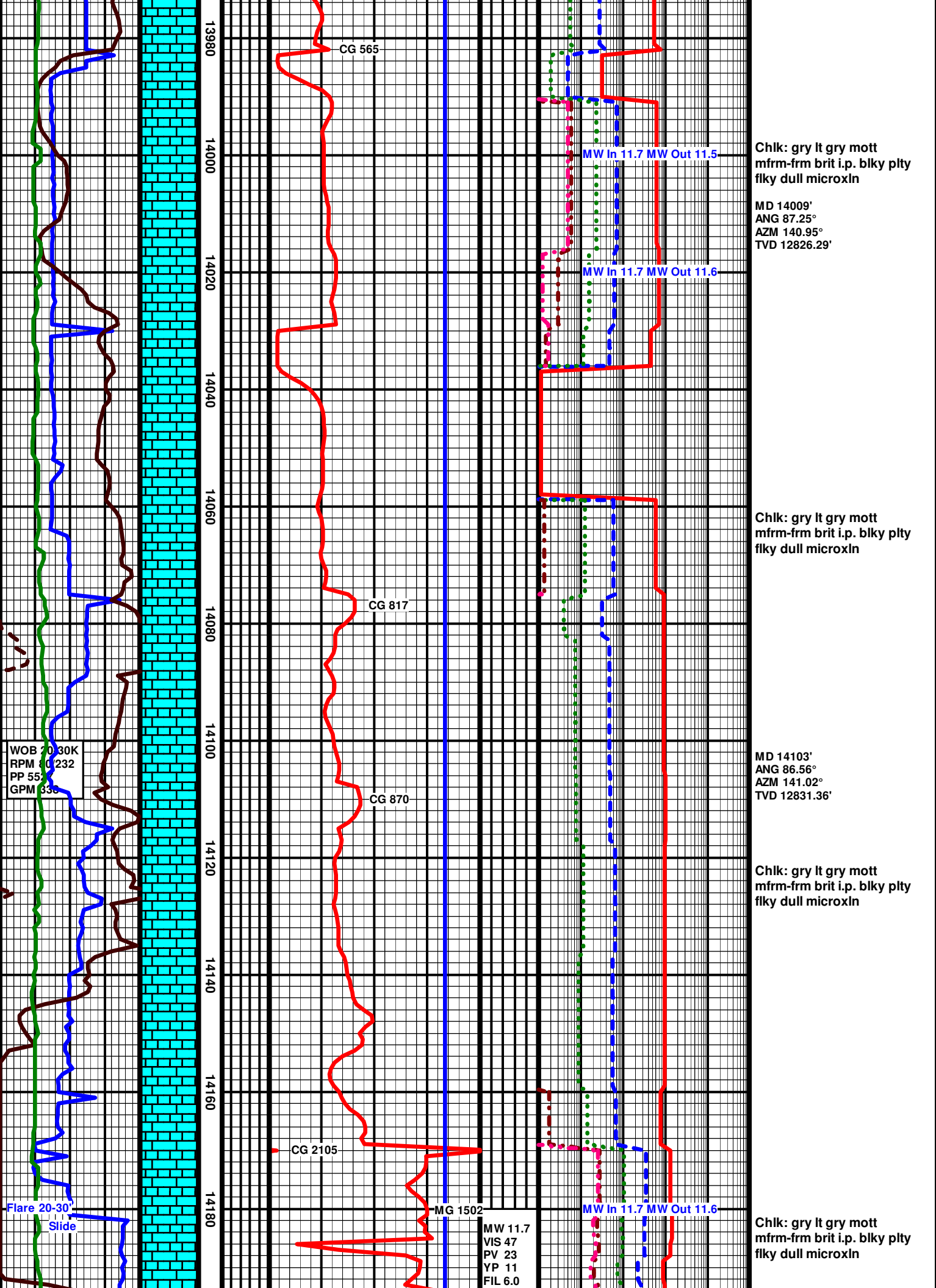


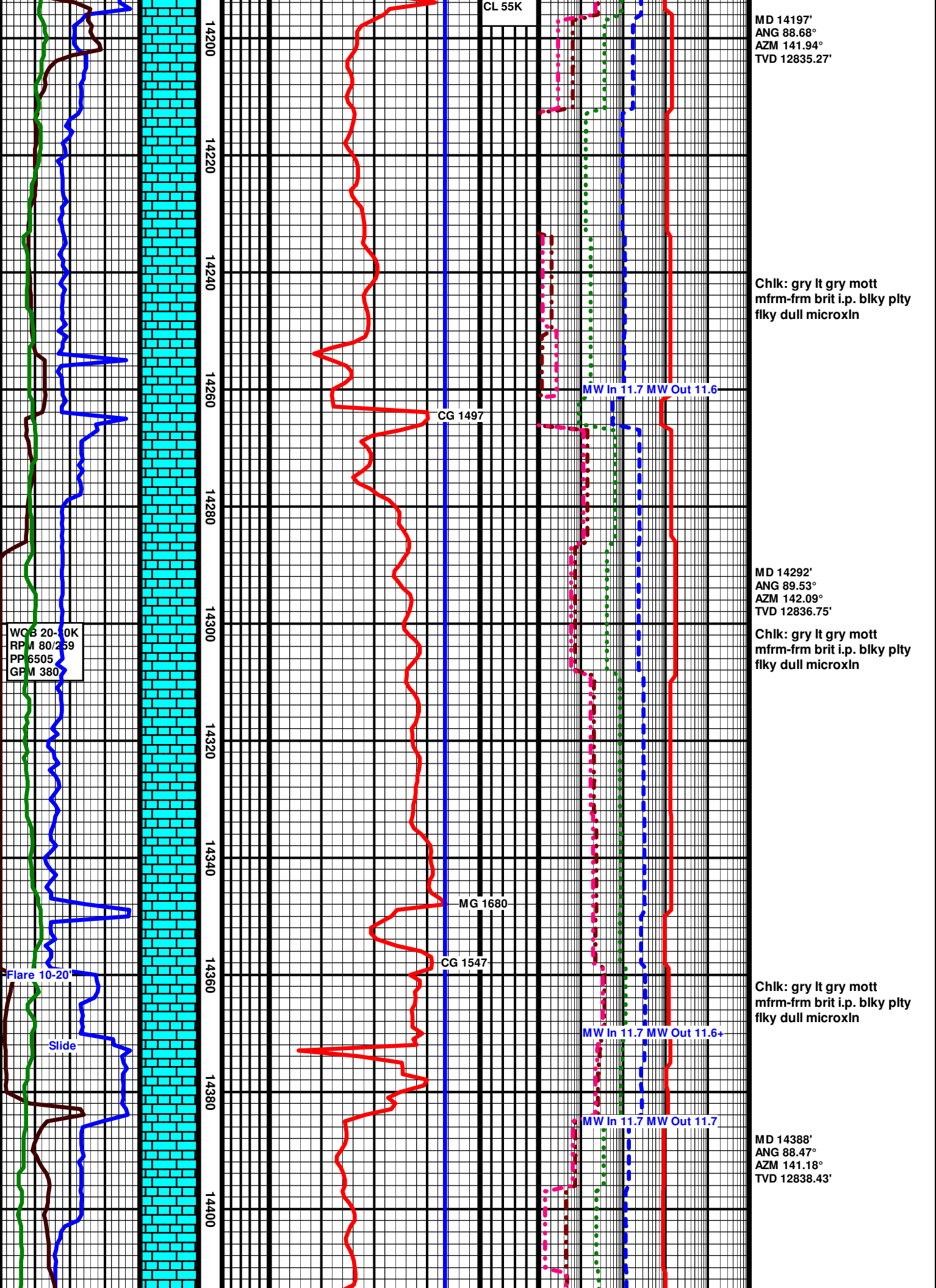












MD 14197'
ANG 88.68°
AZM 141.94°
TVD 12835.27'

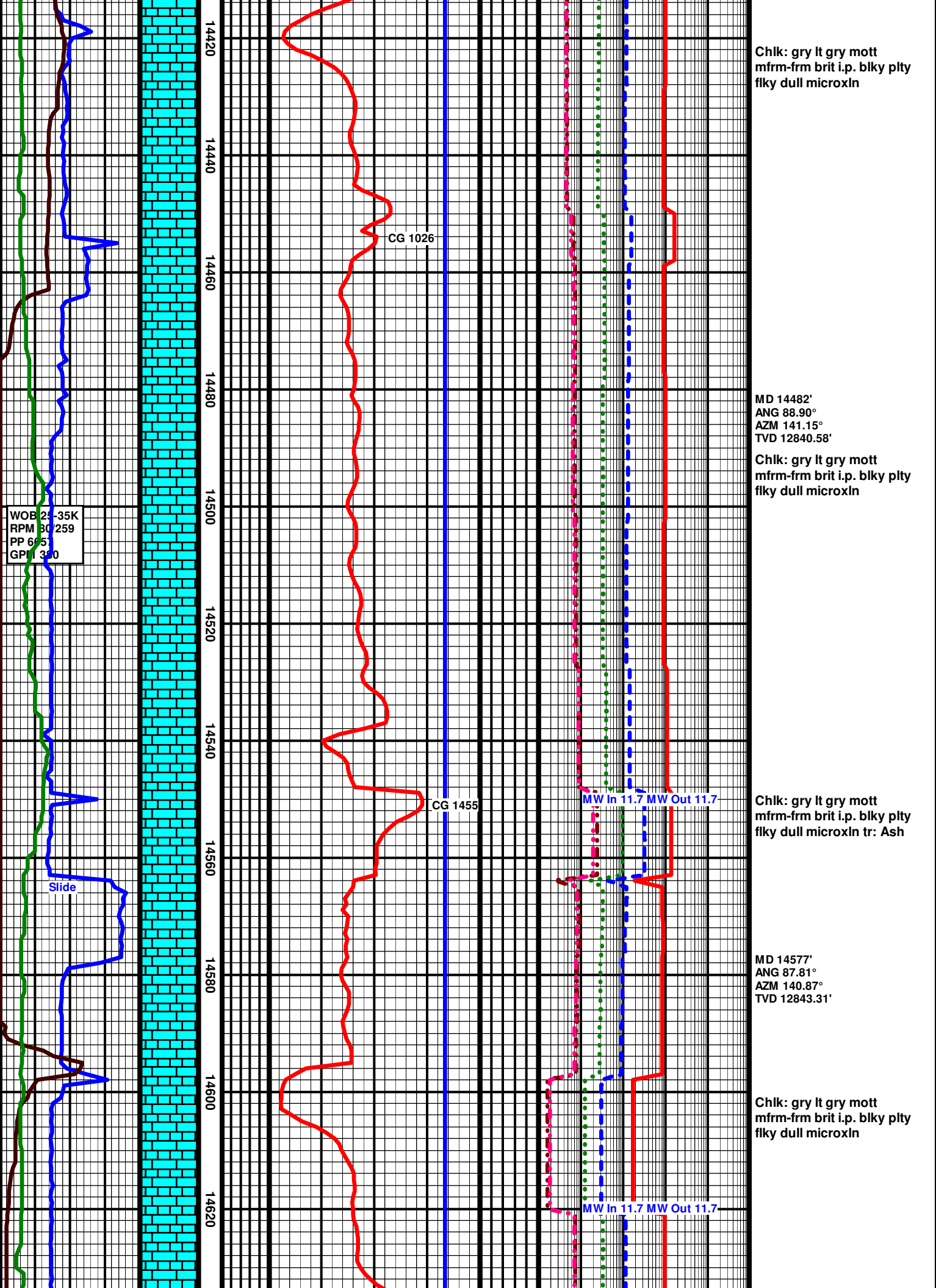
Chlk: gry lt gry mott
mfrm-frm brit i.p. blkly plty
flky dull microxln

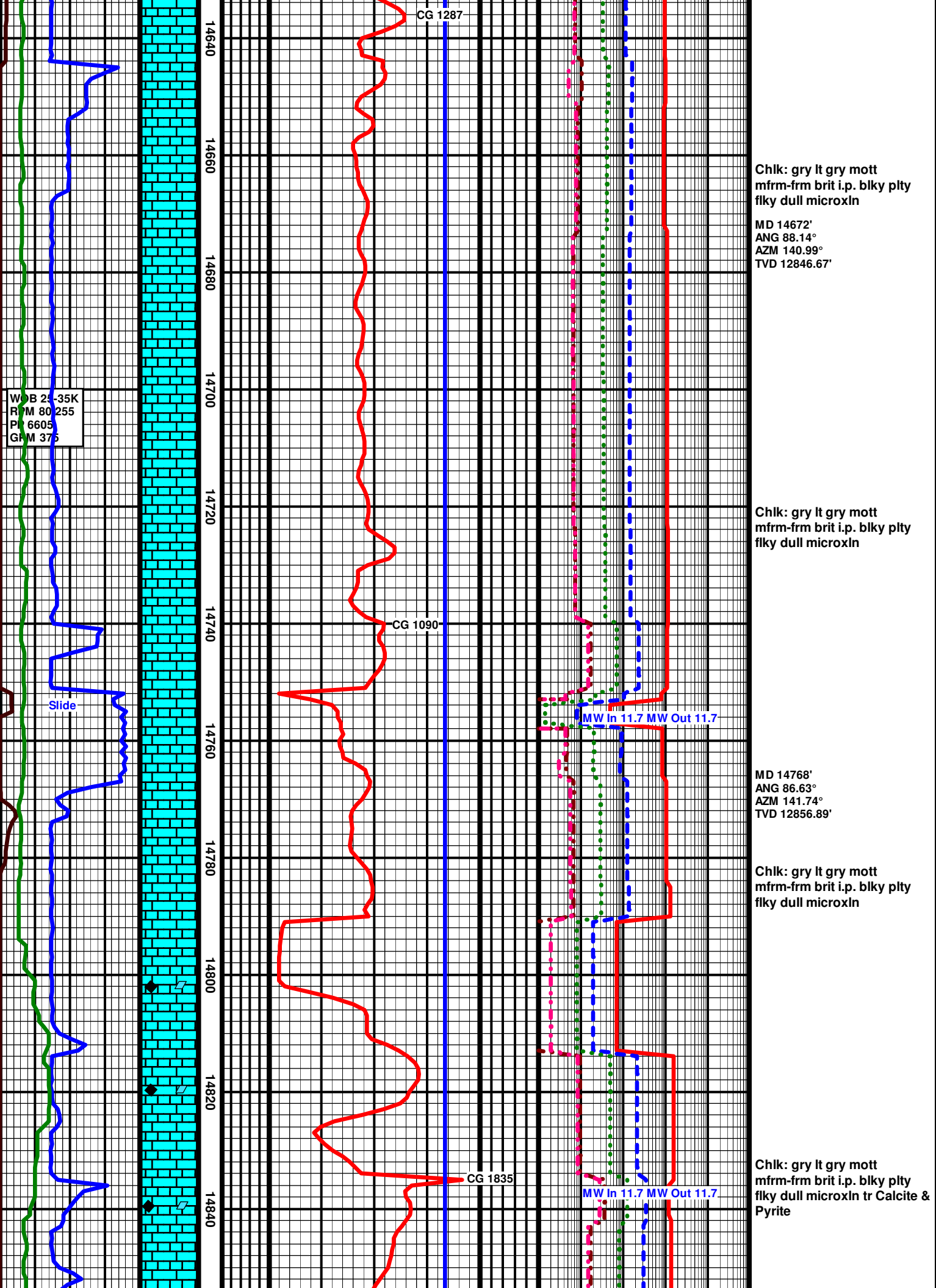
MD 14292'
ANG 89.53°
AZM 142.09°
TVD 12836.75'

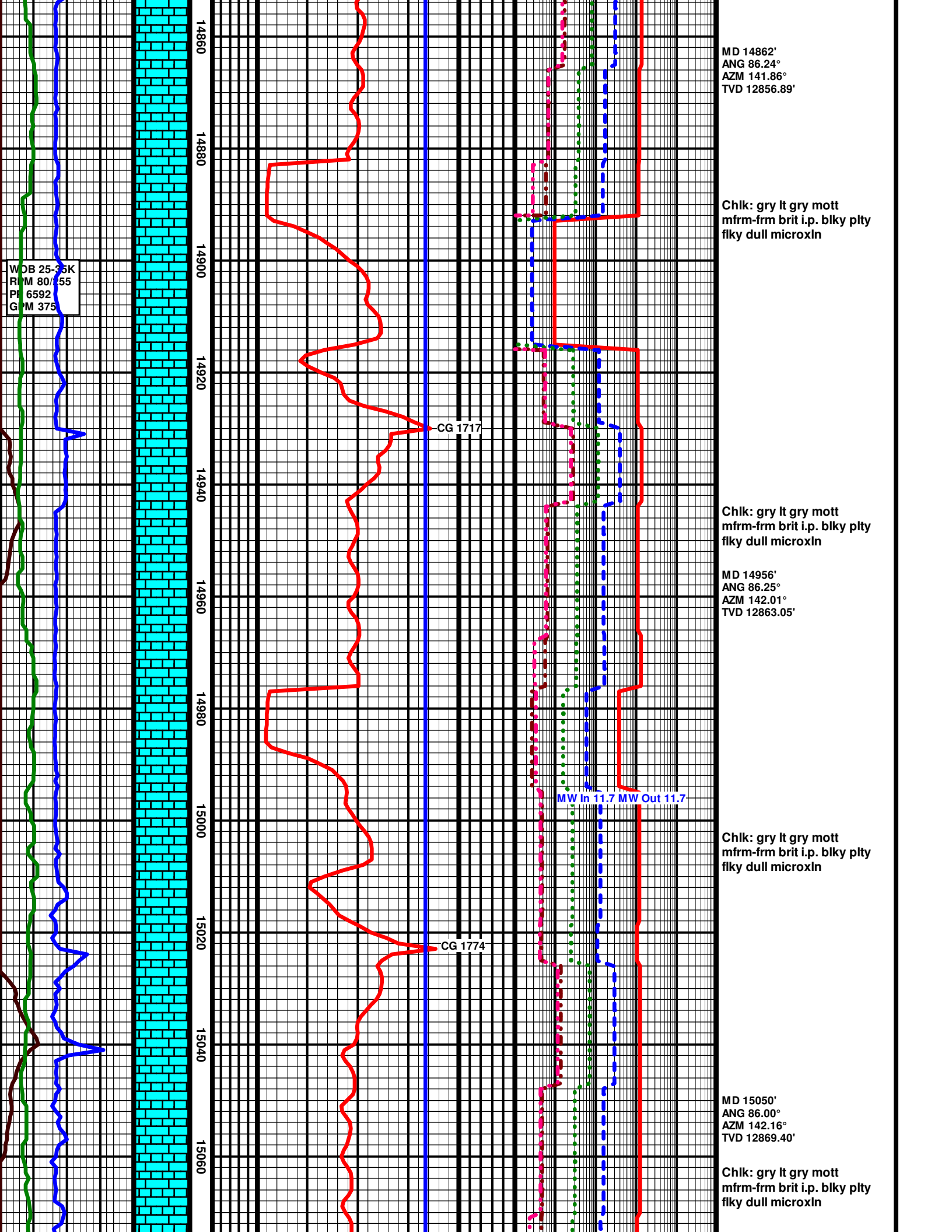
Chlk: gry lt gry mott
mfrm-frm brit i.p. blkly plty
flky dull microxln

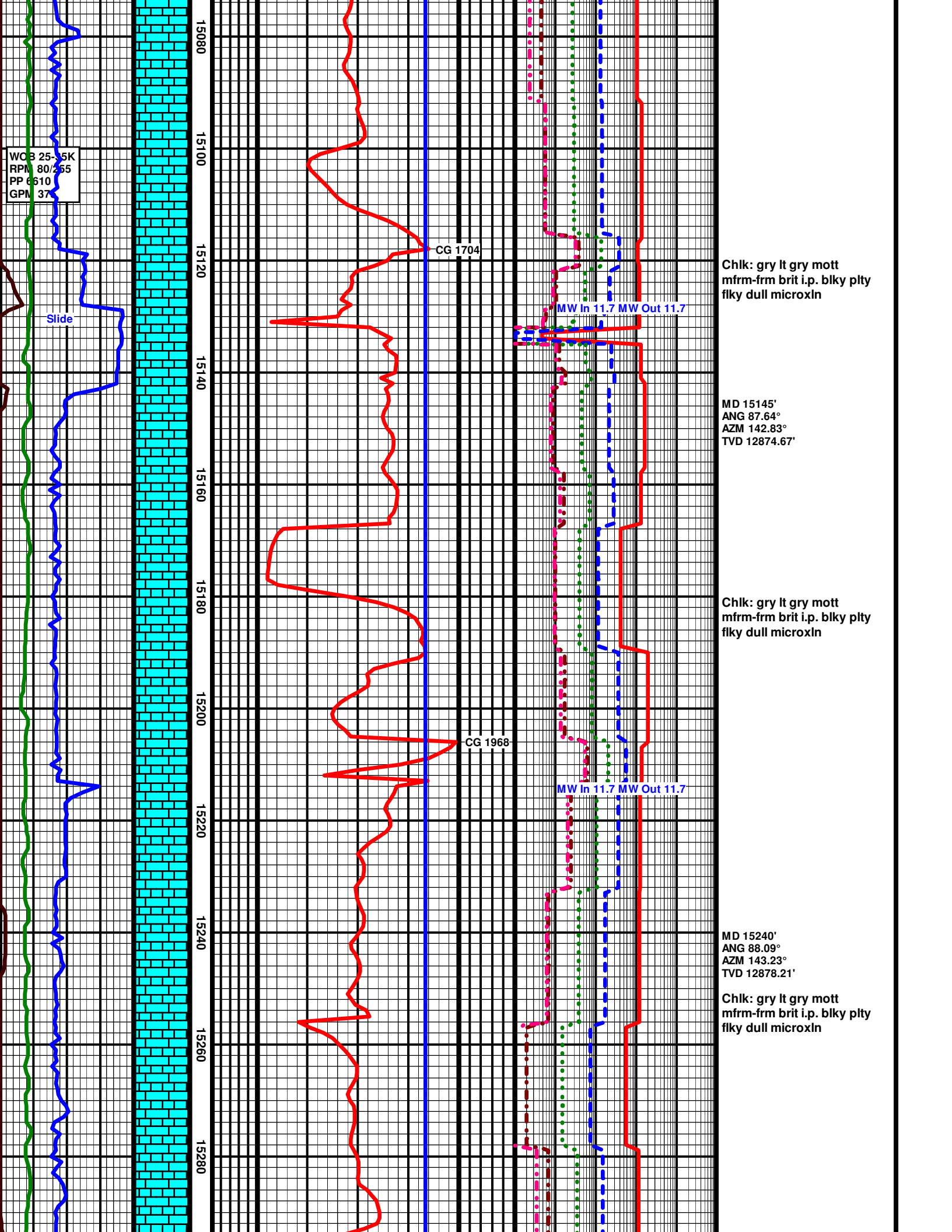
Chlk: gry lt gry mott
mfrm-frm brit i.p. blkly plty
flky dull microxln

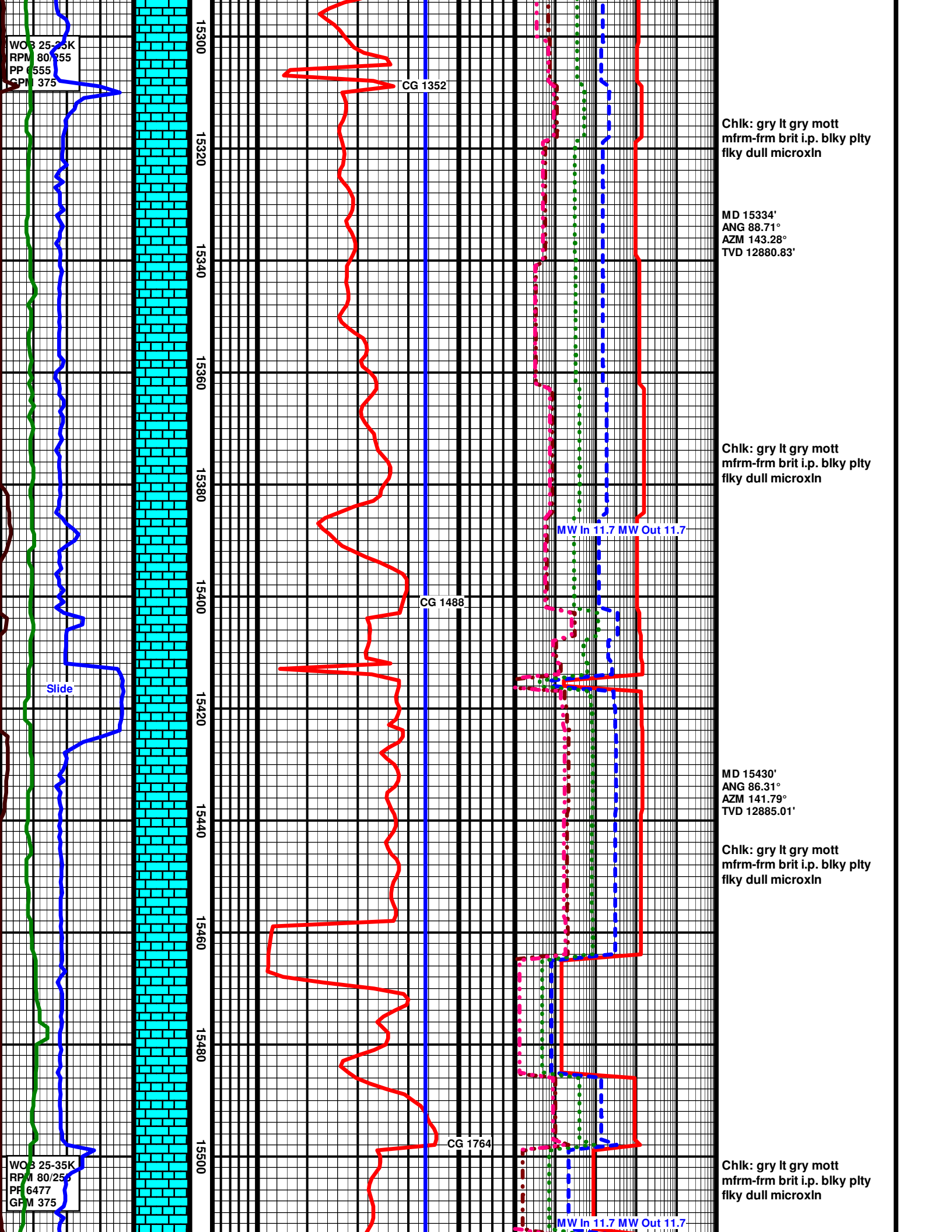
MD 14388'
ANG 88.47°
AZM 141.18°
TVD 12838.43'

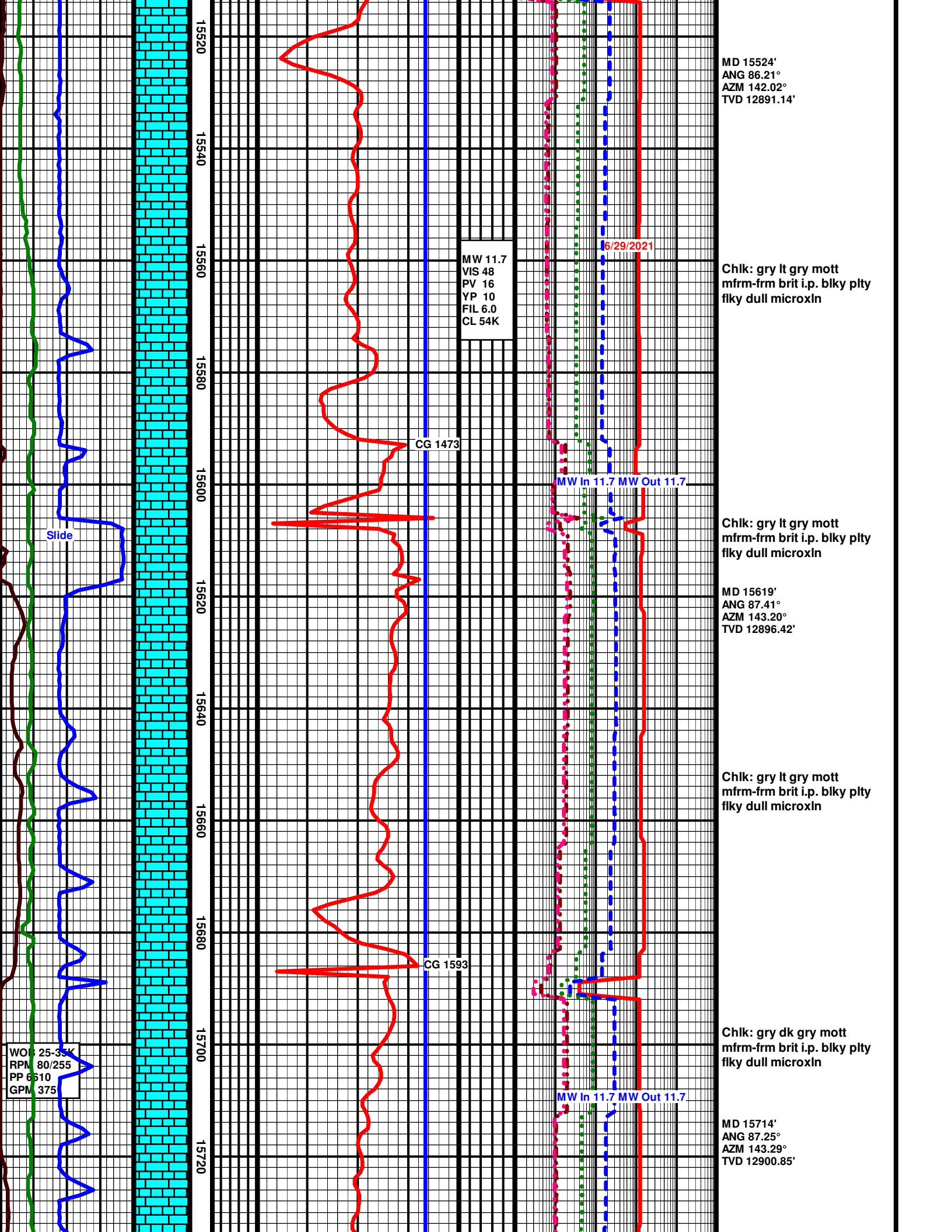


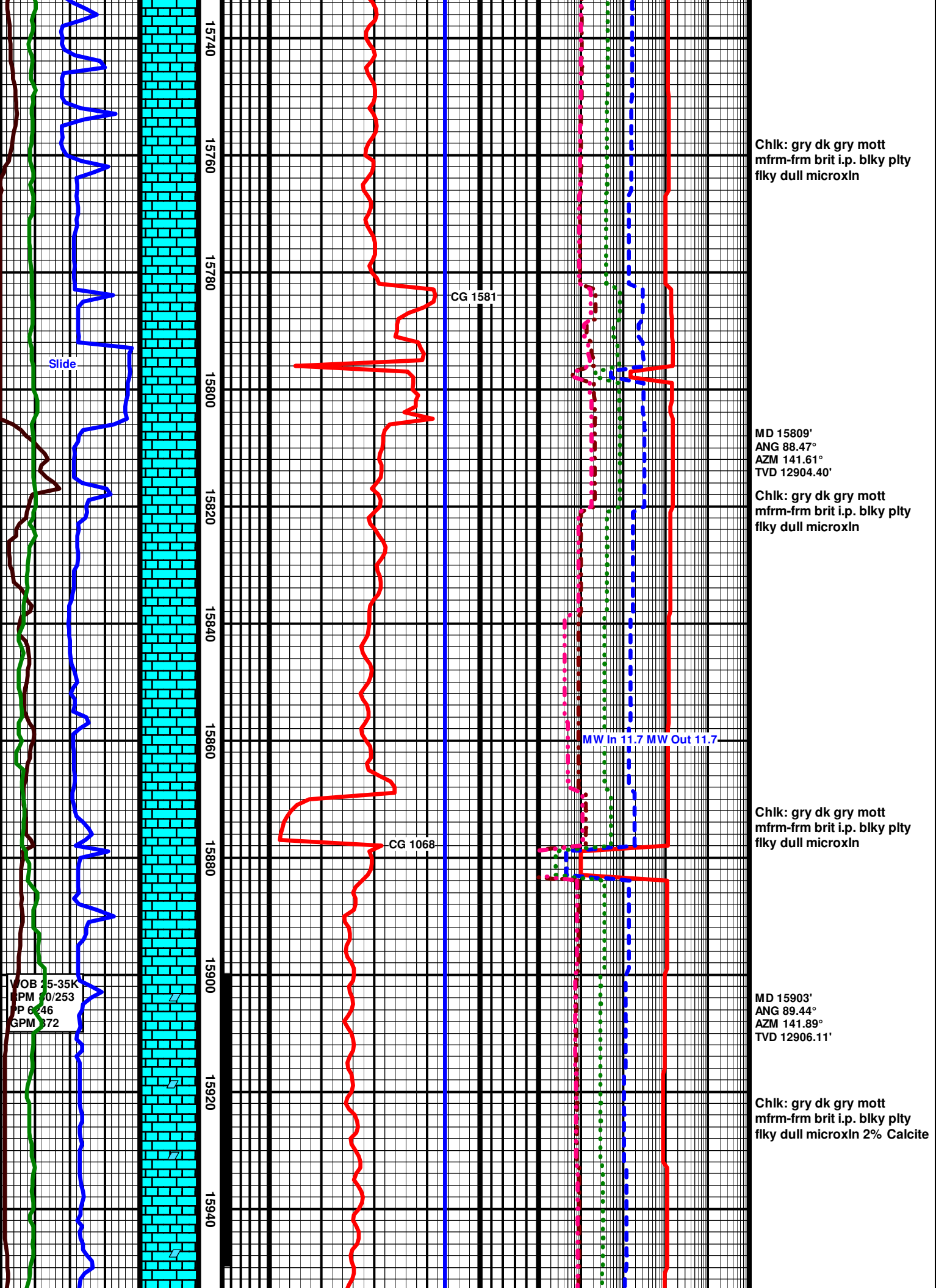


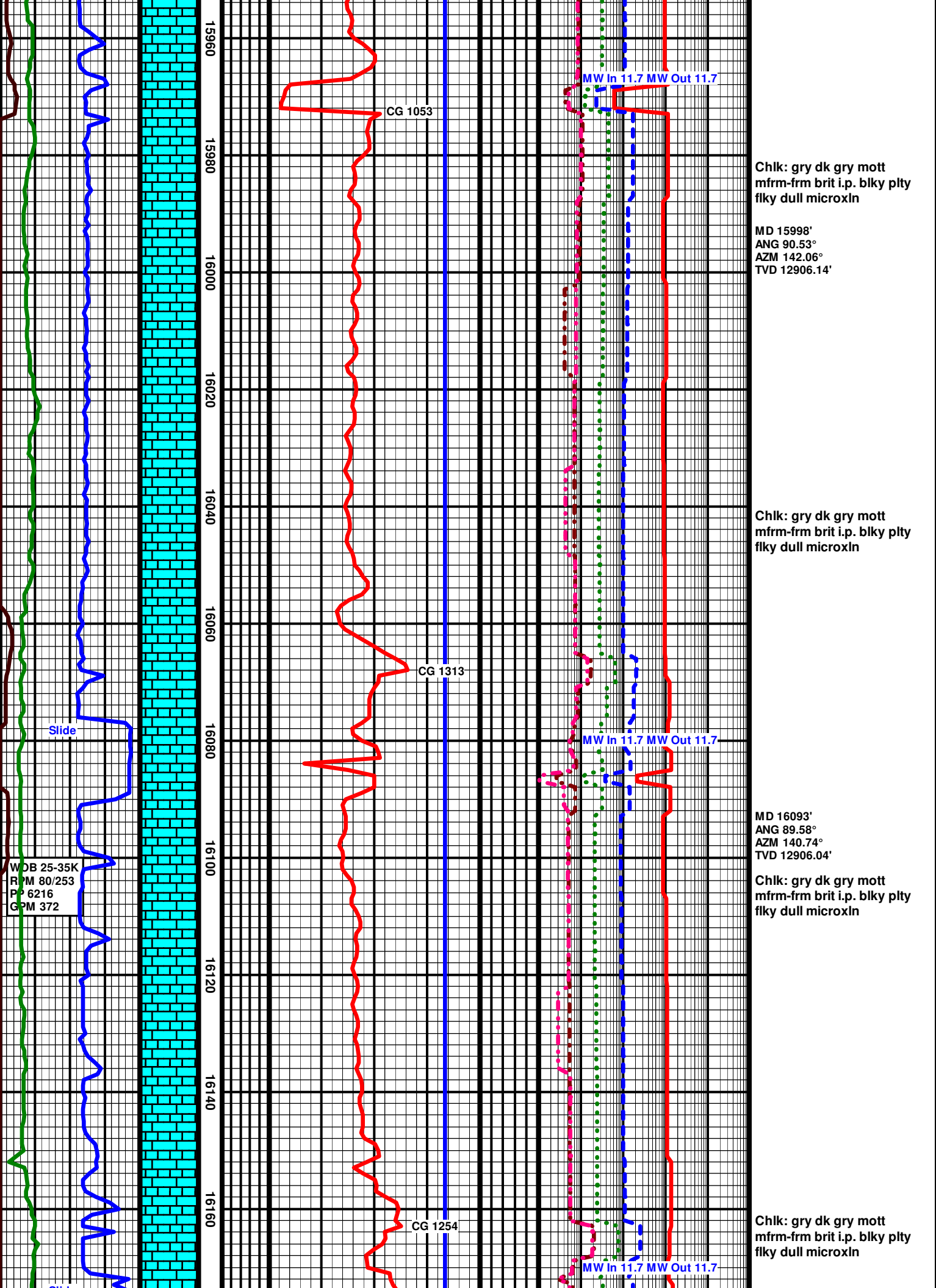


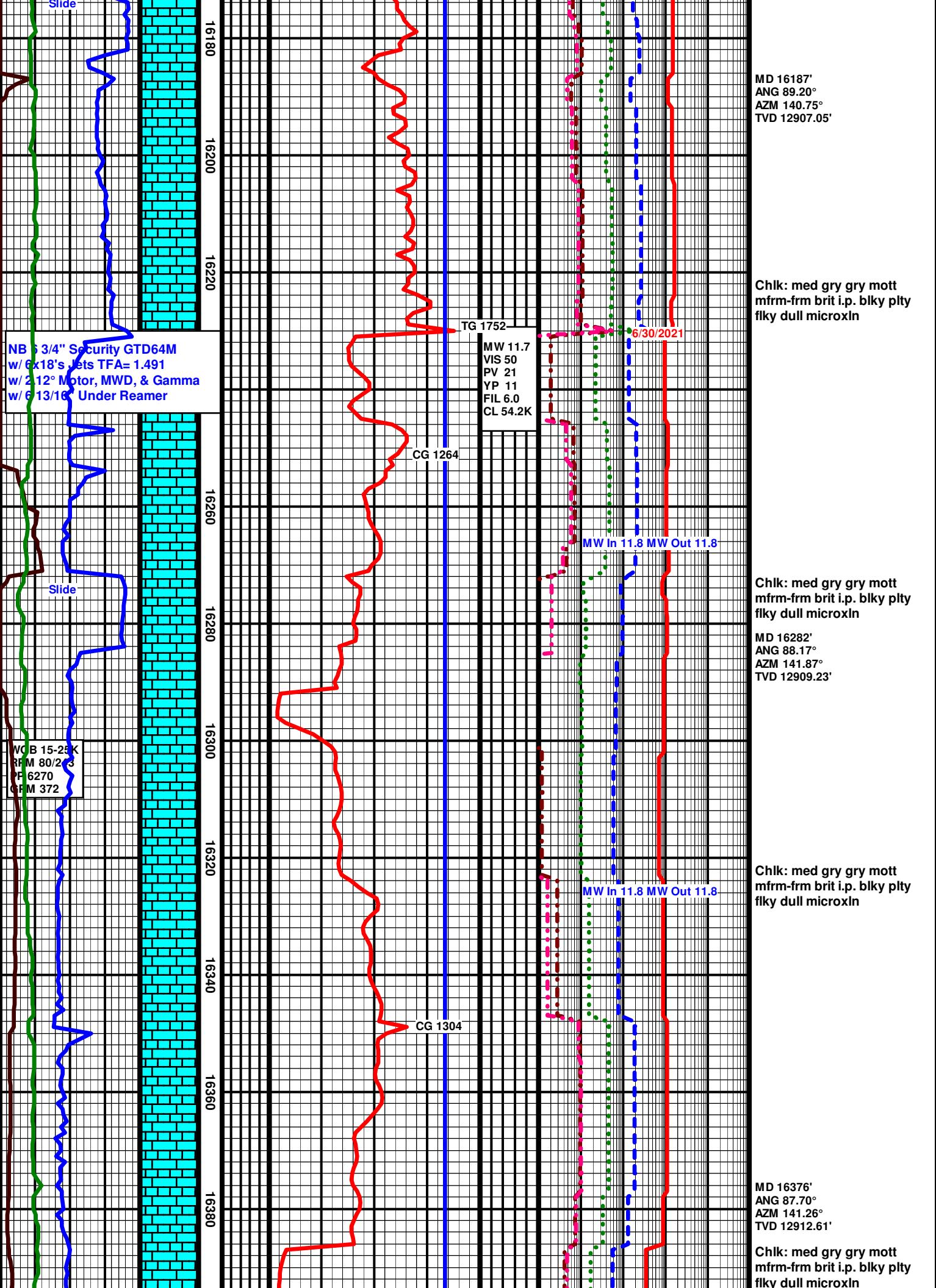












MD 16187'
ANG 89.20°
AZM 140.75°
TVD 12907.05'

Chlk: med gry gry mott
mfrm-frm brit i.p. blkly plty
flky dull microxln

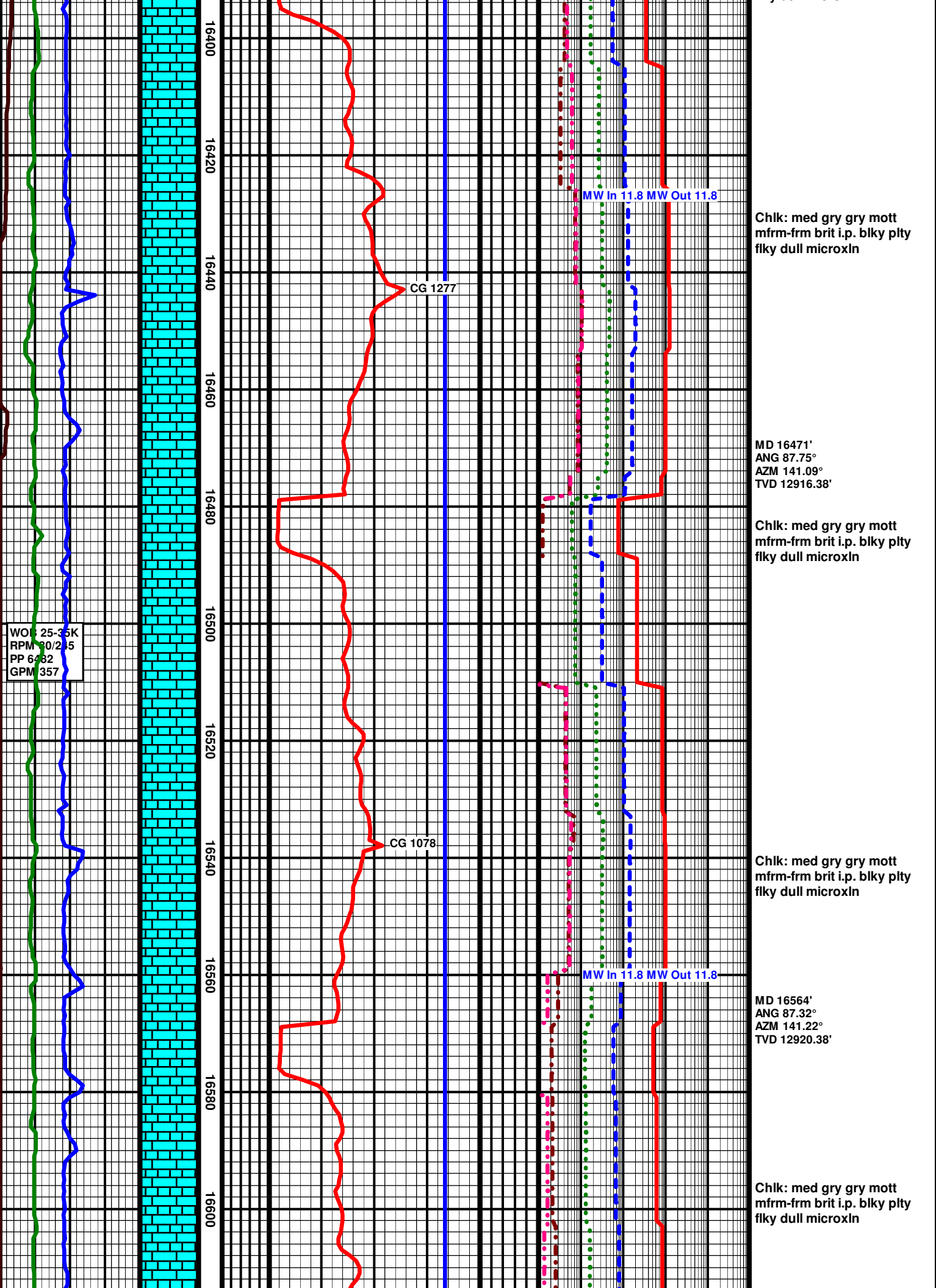
Chlk: med gry gry mott
mfrm-frm brit i.p. blkly plty
flky dull microxln

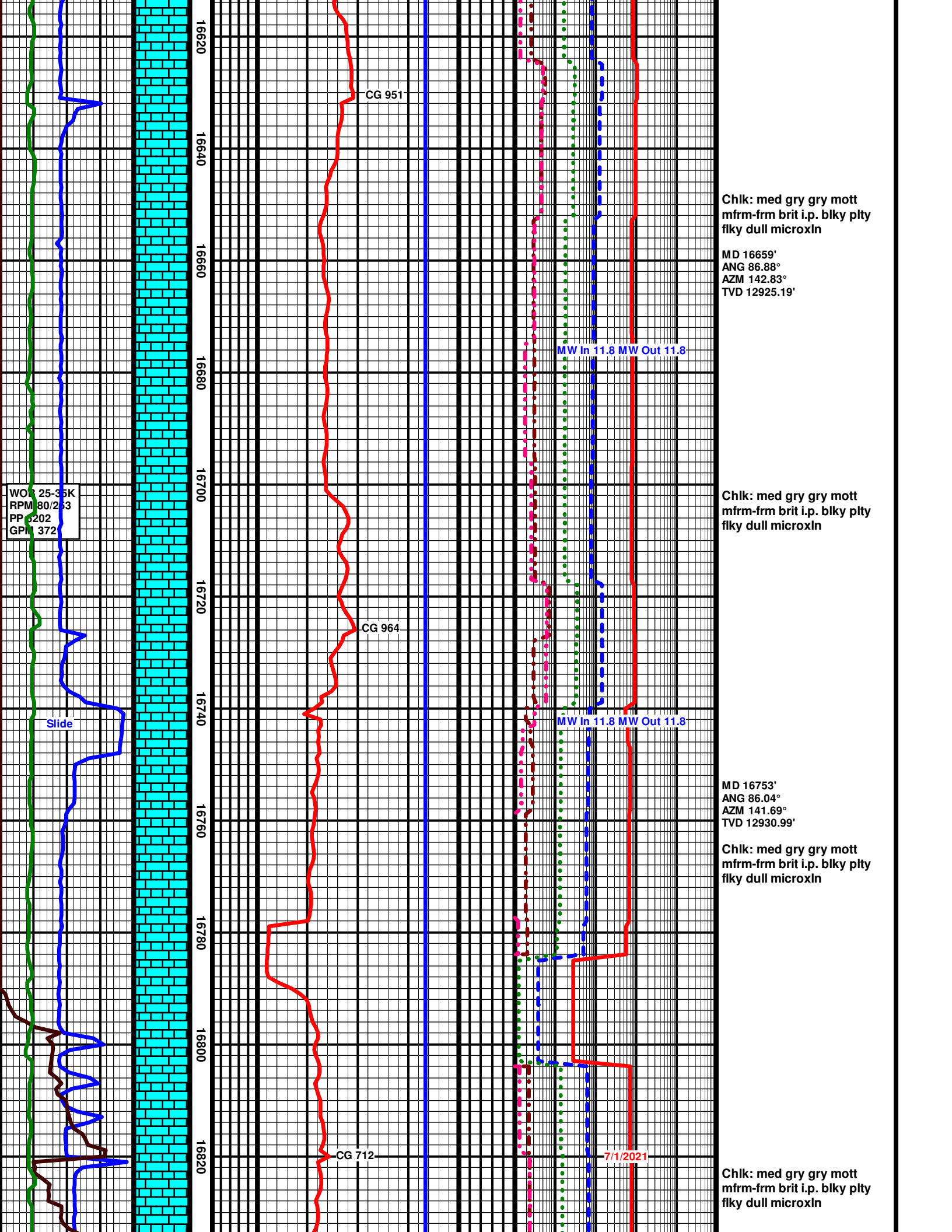
MD 16282'
ANG 88.17°
AZM 141.87°
TVD 12909.23'

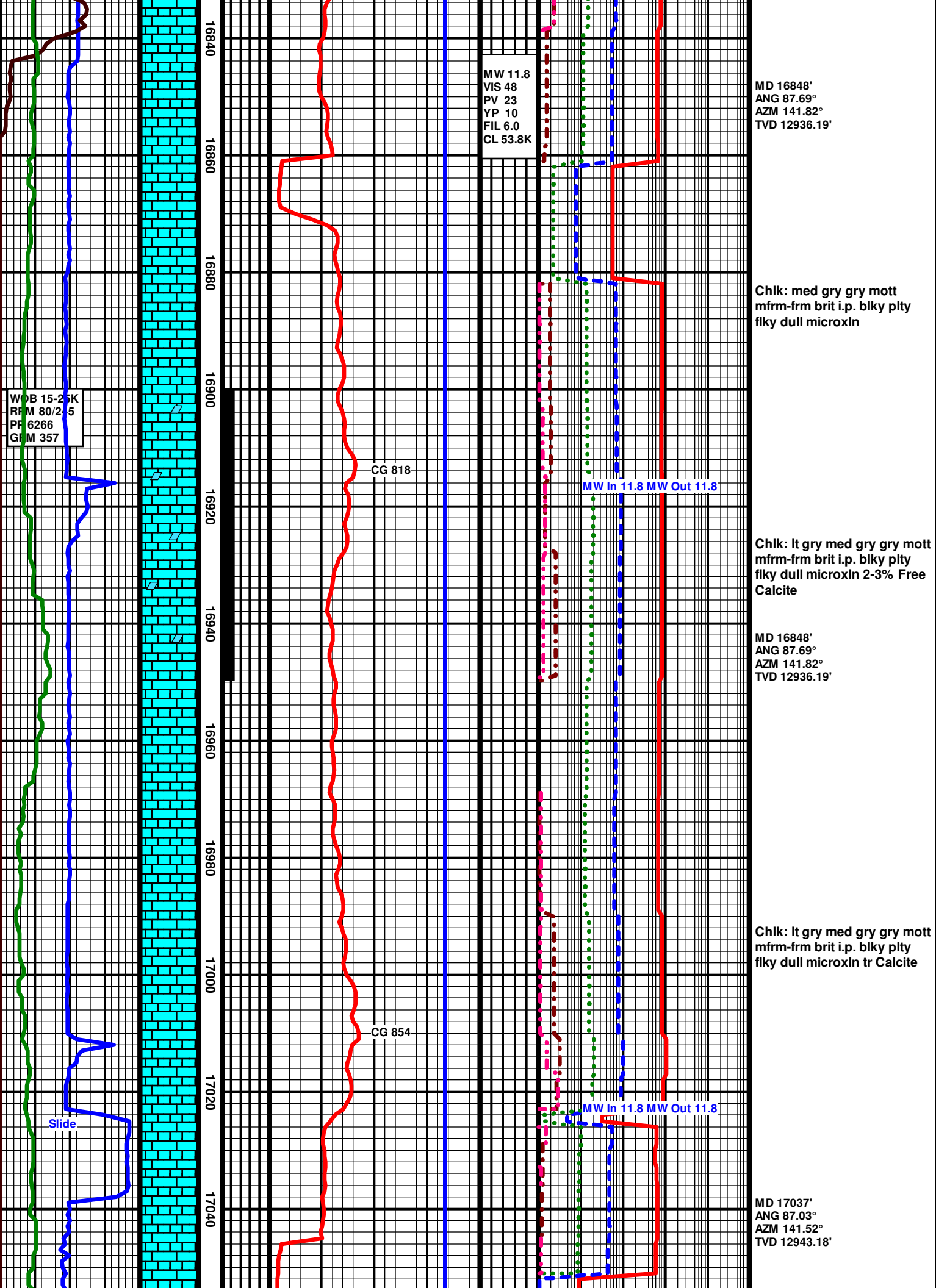
Chlk: med gry gry mott
mfrm-frm brit i.p. blkly plty
flky dull microxln

MD 16376'
ANG 87.70°
AZM 141.26°
TVD 12912.61'

Chlk: med gry gry mott
mfrm-frm brit i.p. blkly plty
flky dull microxln







MD 16848'
ANG 87.69°
AZM 141.82°
TVD 12936.19'

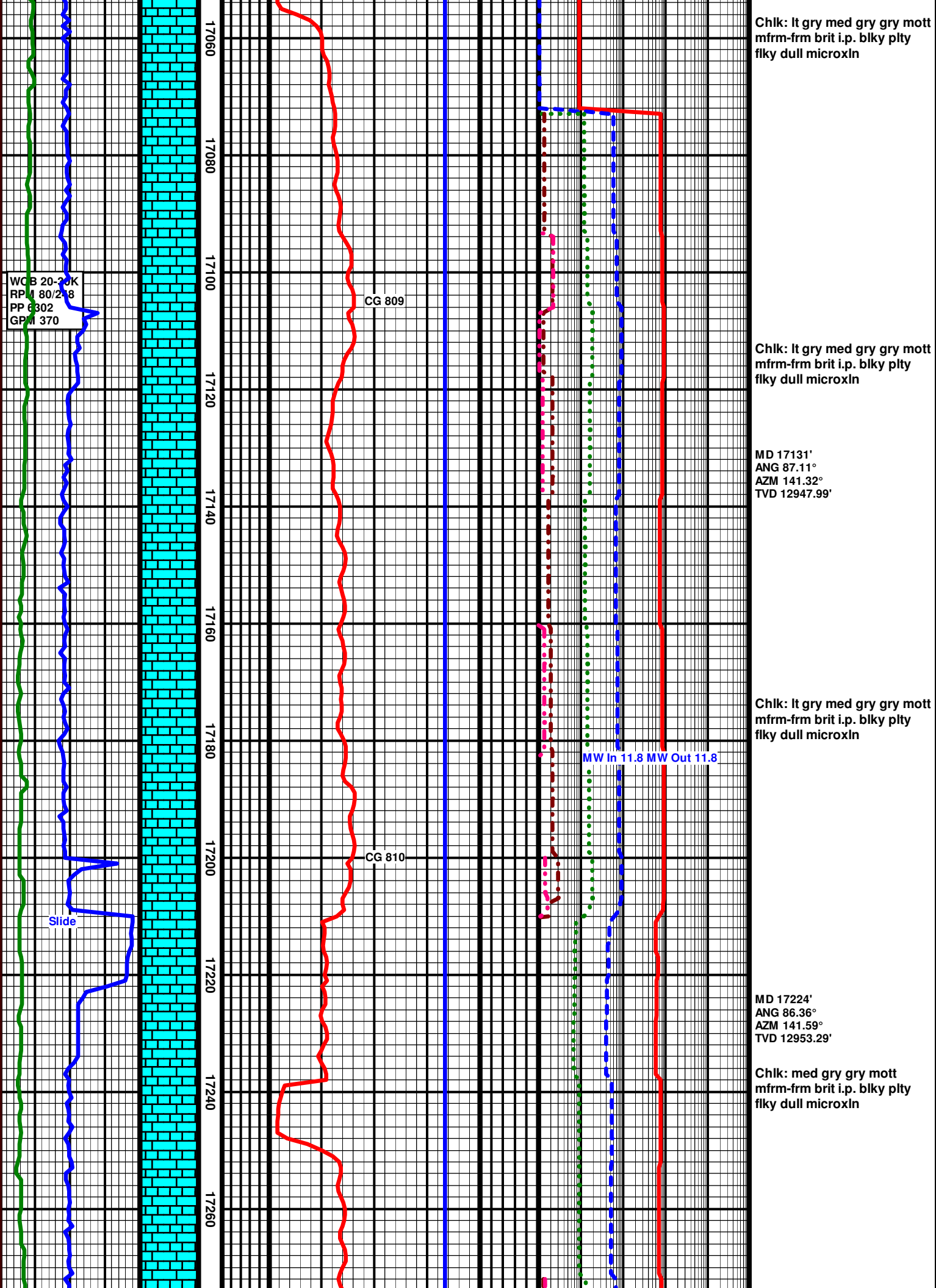
Chlk: med gry gry mott
mfrm-frm brit i.p. blkly plty
fliky dull microxln

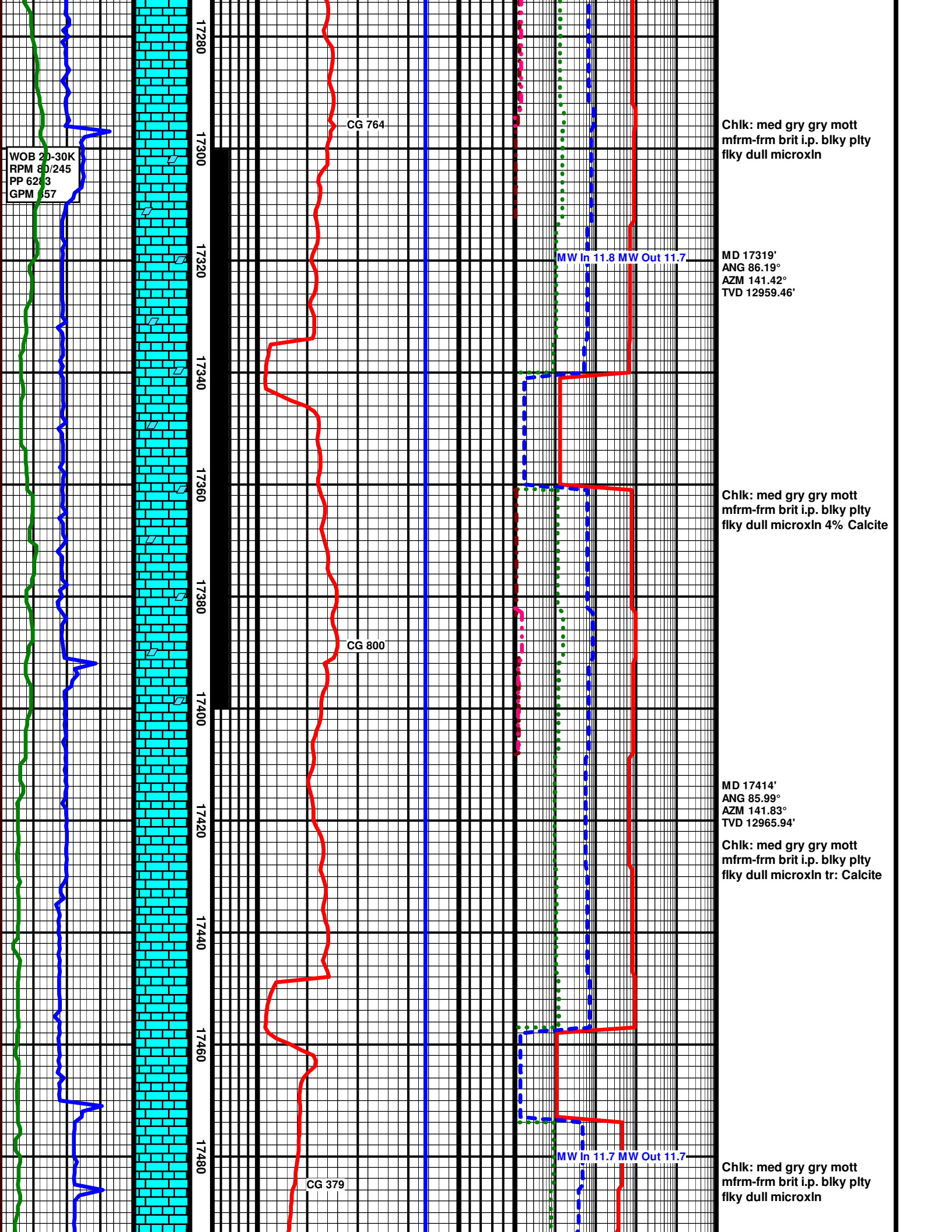
Chlk: lt gry med gry gry mott
mfrm-frm brit i.p. blkly plty
fliky dull microxln 2-3% Free
Calcite

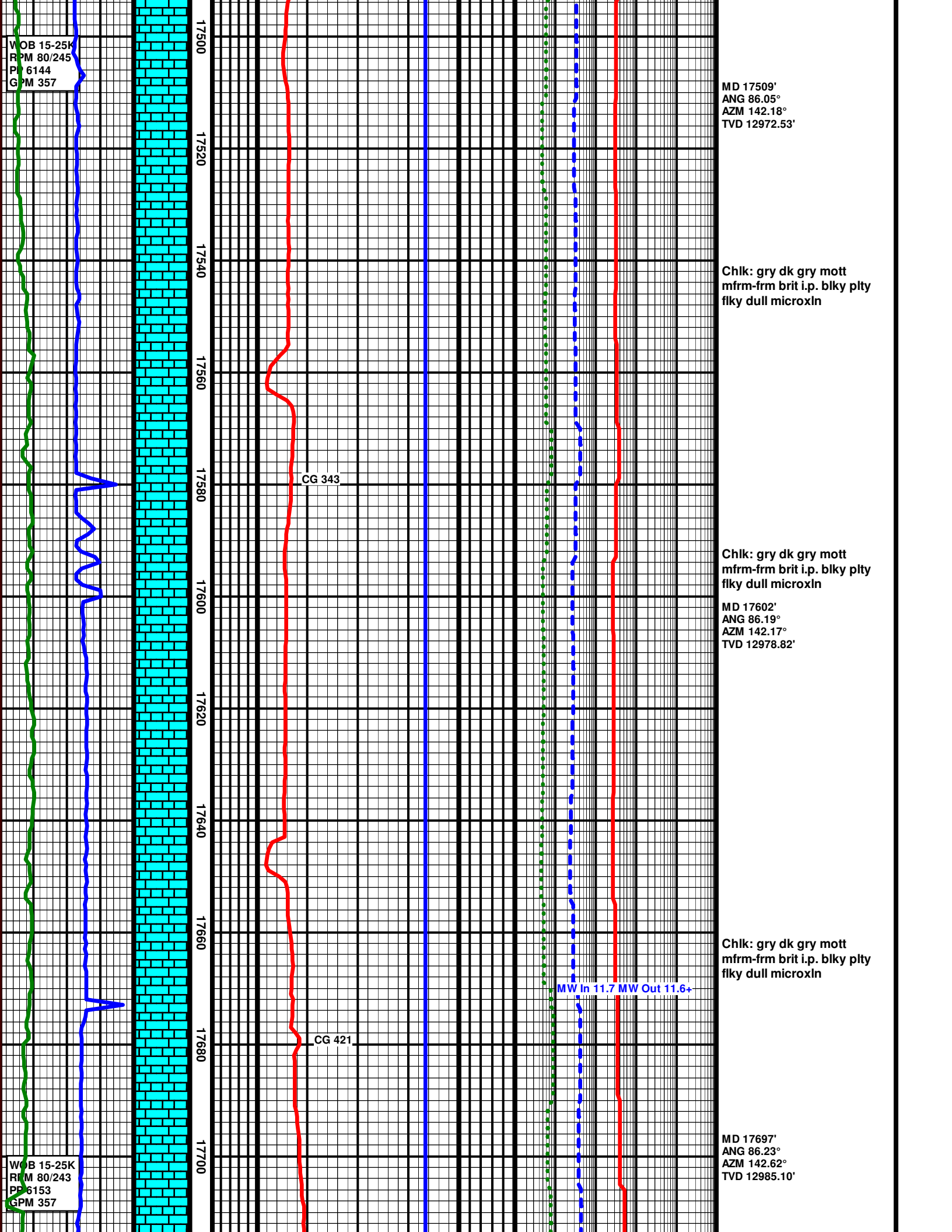
MD 16848'
ANG 87.69°
AZM 141.82°
TVD 12936.19'

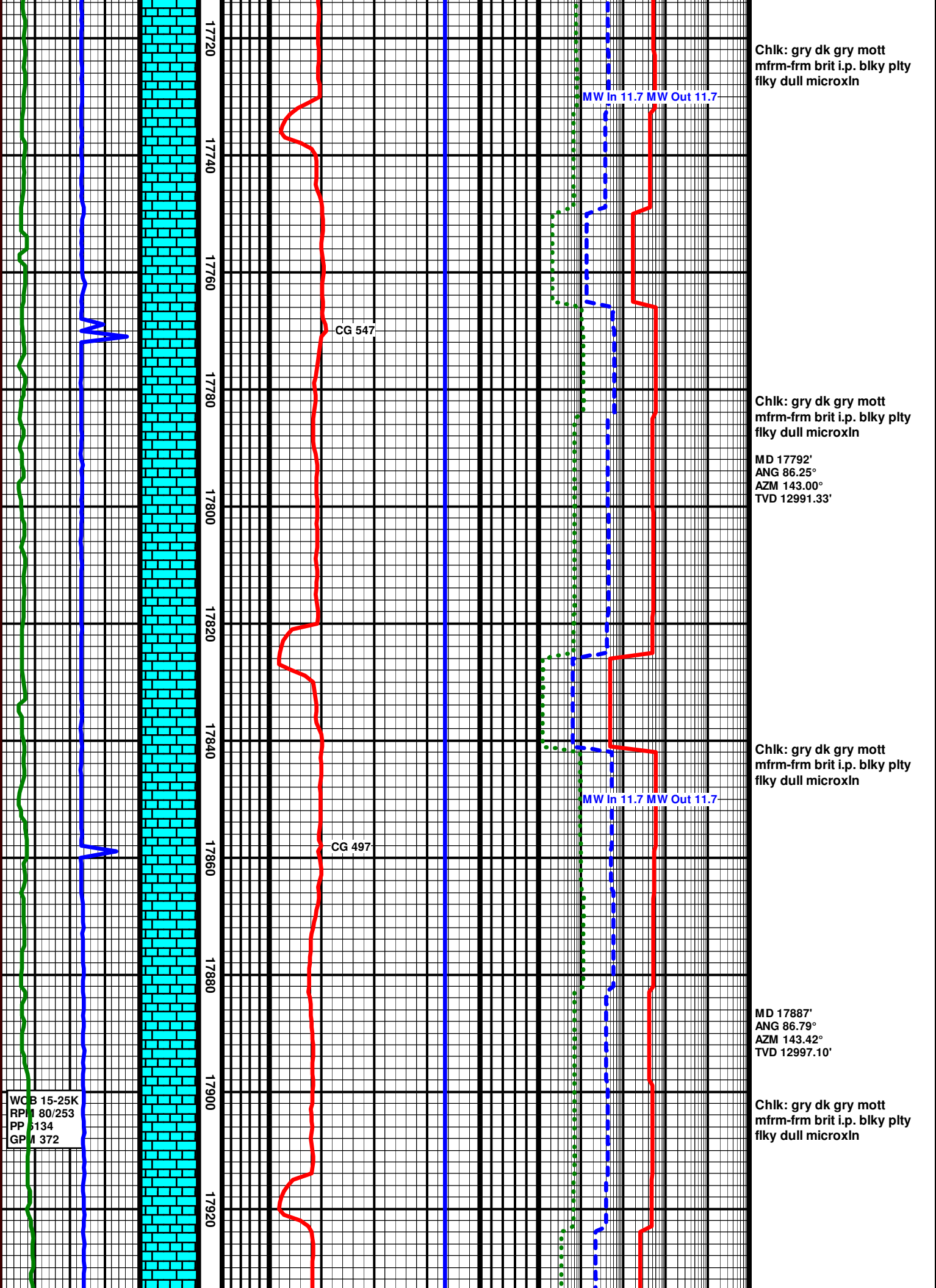
Chlk: lt gry med gry gry mott
mfrm-frm brit i.p. blkly plty
fliky dull microxln tr Calcite

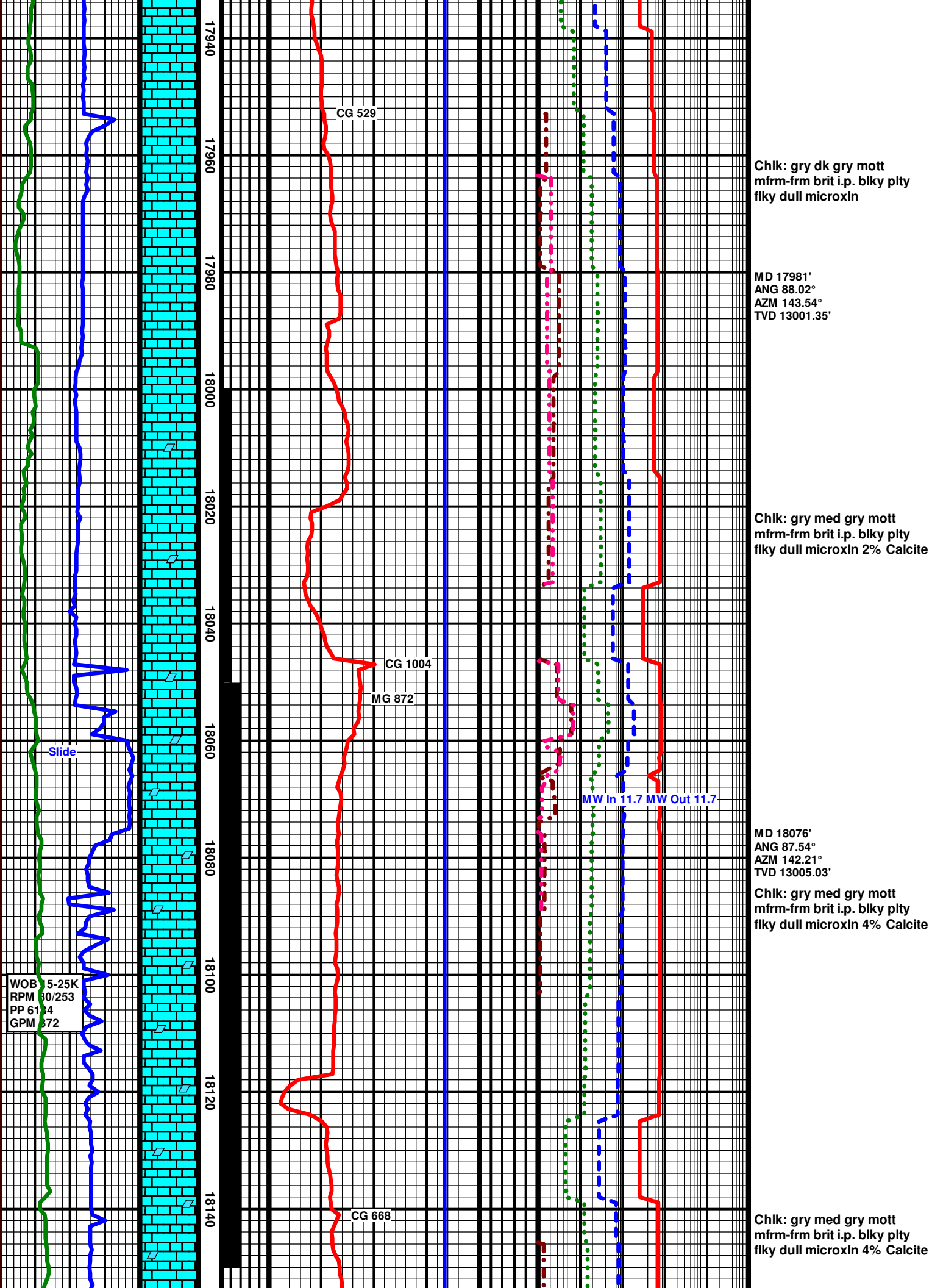
MD 17037'
ANG 87.03°
AZM 141.52°
TVD 12943.18'

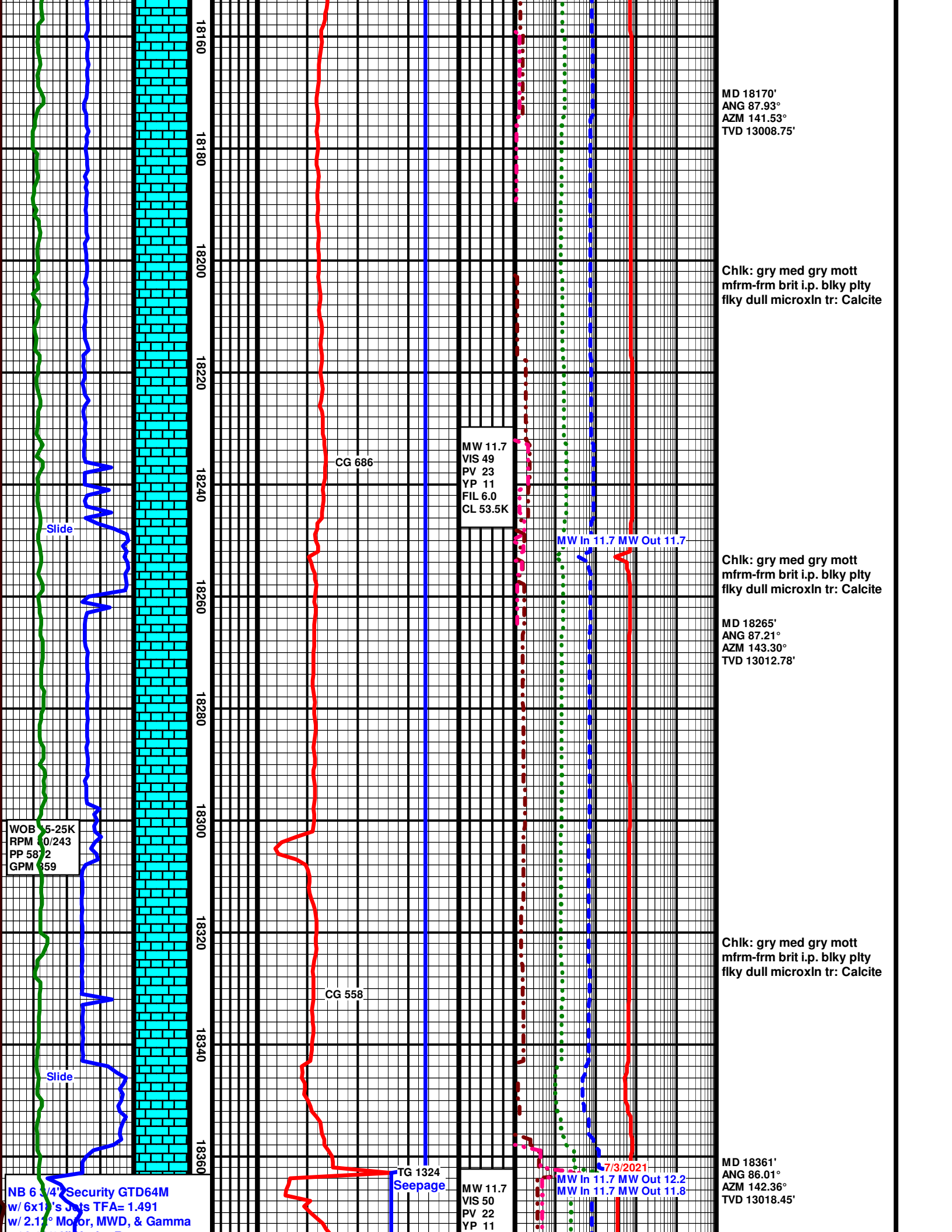






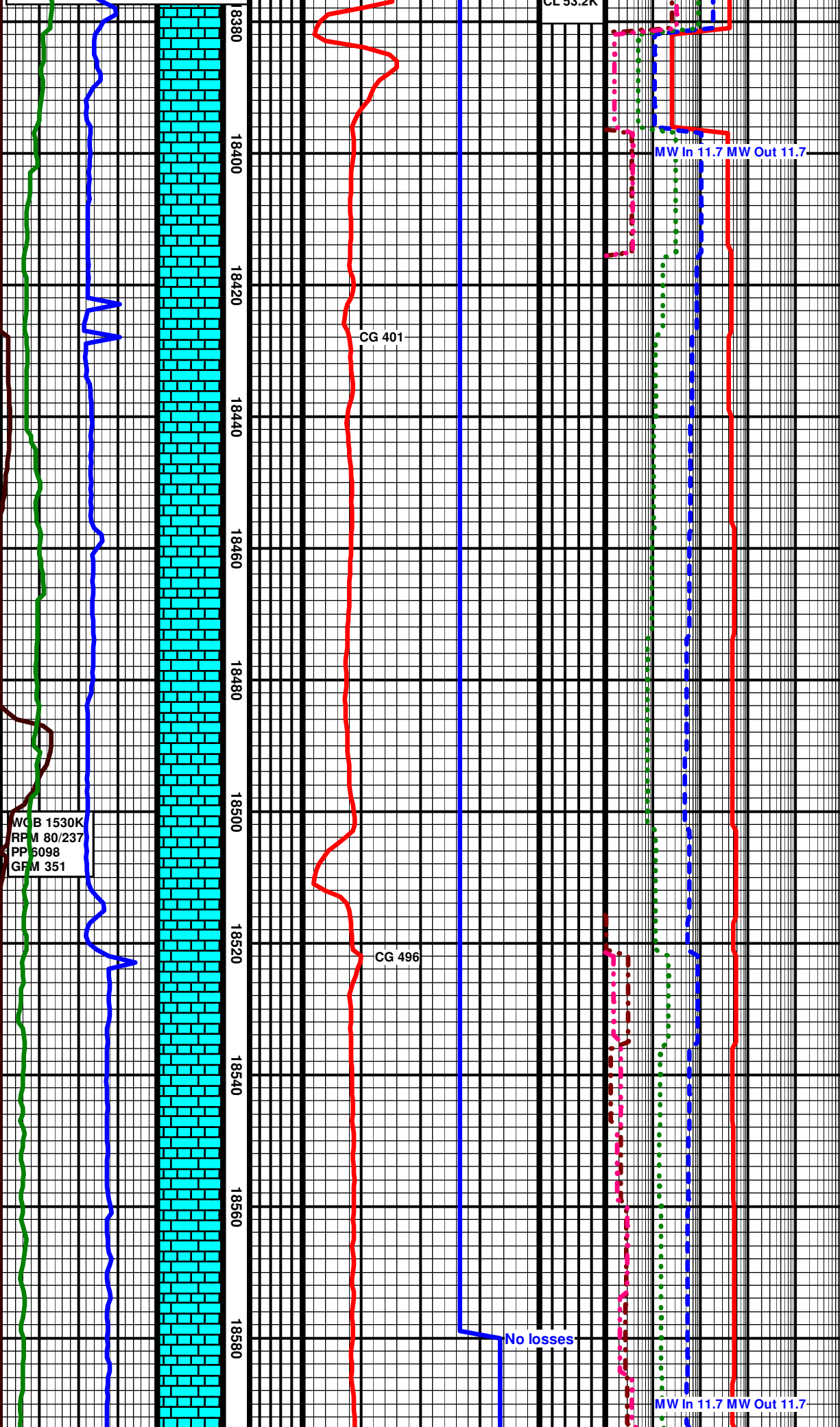






w 6 13/16" Under Reamer

FIL 5.8
CL 53.2K



Chlk: gry med gry mott
mfrm-frm brit i.p. blkly plty
flky dull microxln

Chlk: gry med gry mott
mfrm-frm brit i.p. blkly plty
flky dull microxln

MD 18455'
ANG 86.09°
AZM 142.07°
TVD 13024.93'

Chlk: gry med gry mott
mfrm-frm brit i.p. blkly plty
flky dull microxln

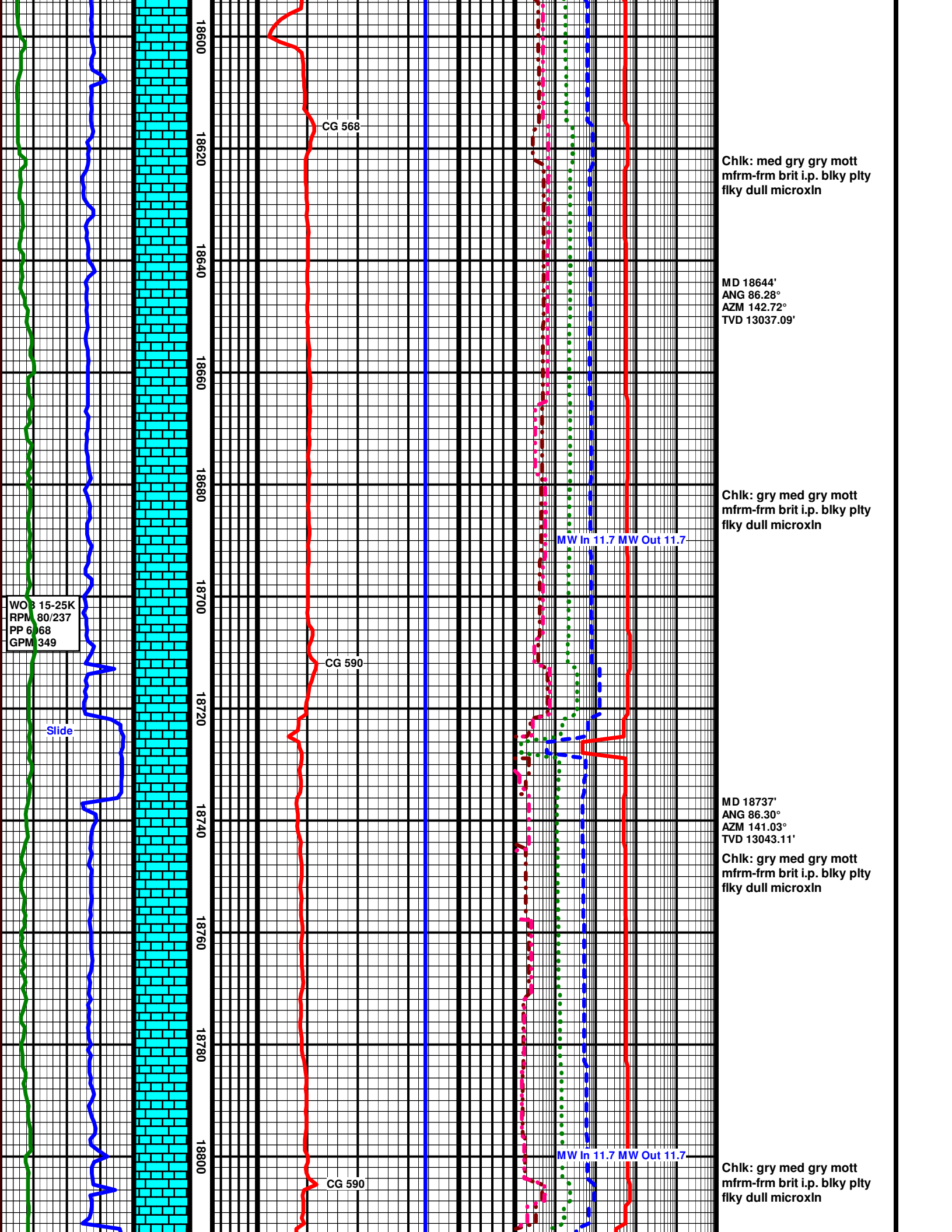
MD 18551'
ANG 86.44°
AZM 142.27°
TVD 13031.18'

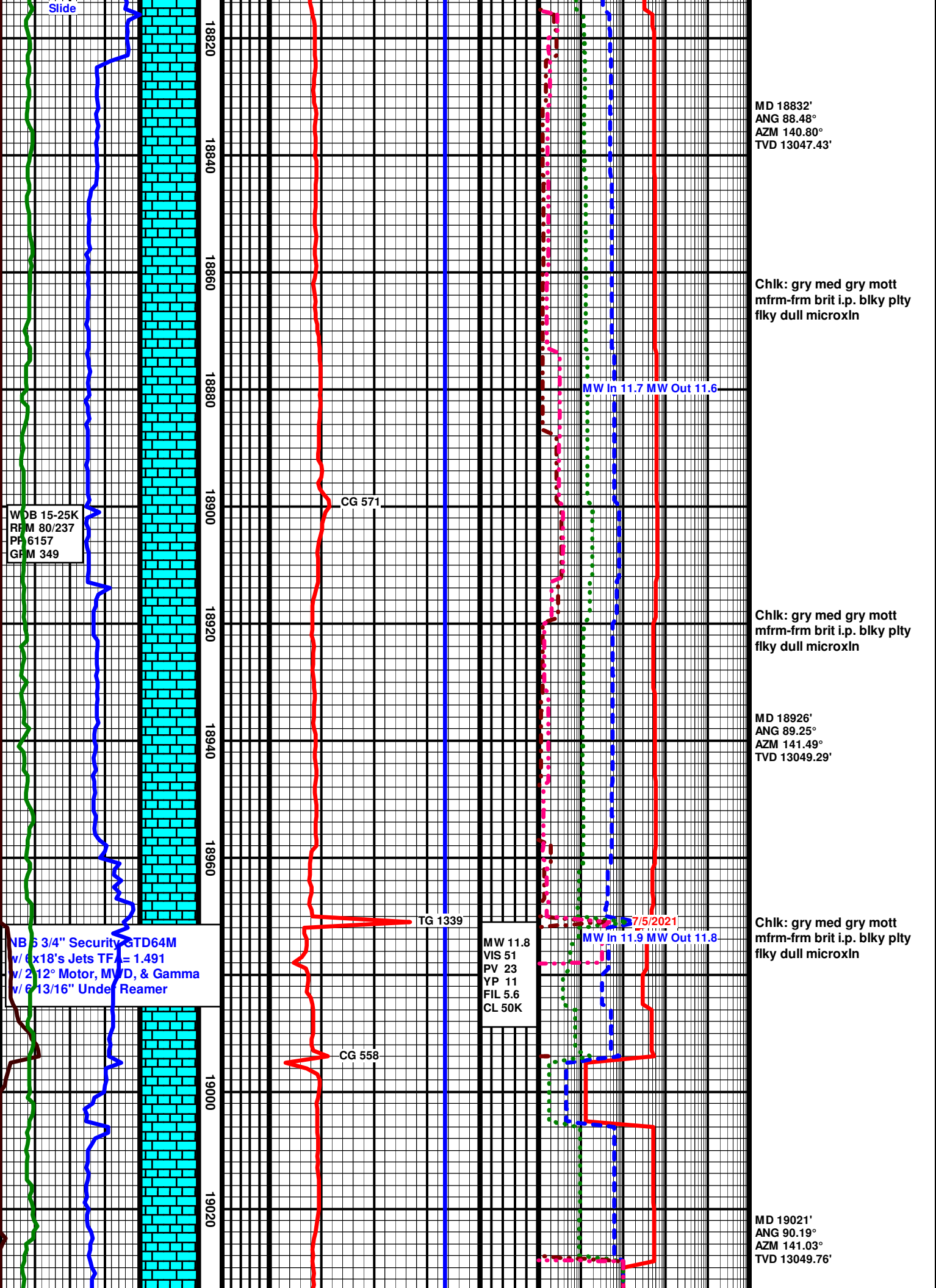
Chlk: med gry gry mott
mfrm-frm brit i.p. blkly plty
flky dull microxln

WOB 1530K
RPM 80/237
PP 6098
GPM 351

No losses

MW In 11.7 MW Out 11.7





MD 18832'
ANG 88.48°
AZM 140.80°
TVD 13047.43'

Chlk: gry med gry mott
mfrm-frm brit i.p. blkly plty
flky dull microxln

MW In 11.7 MW Out 11.6

WOB 15-25K
RPM 80/237
PP 6157
GPM 349

CG 571

Chlk: gry med gry mott
mfrm-frm brit i.p. blkly plty
flky dull microxln

MD 18926'
ANG 89.25°
AZM 141.49°
TVD 13049.29'

TG 1339

7/5/2021

MW In 11.9 MW Out 11.8

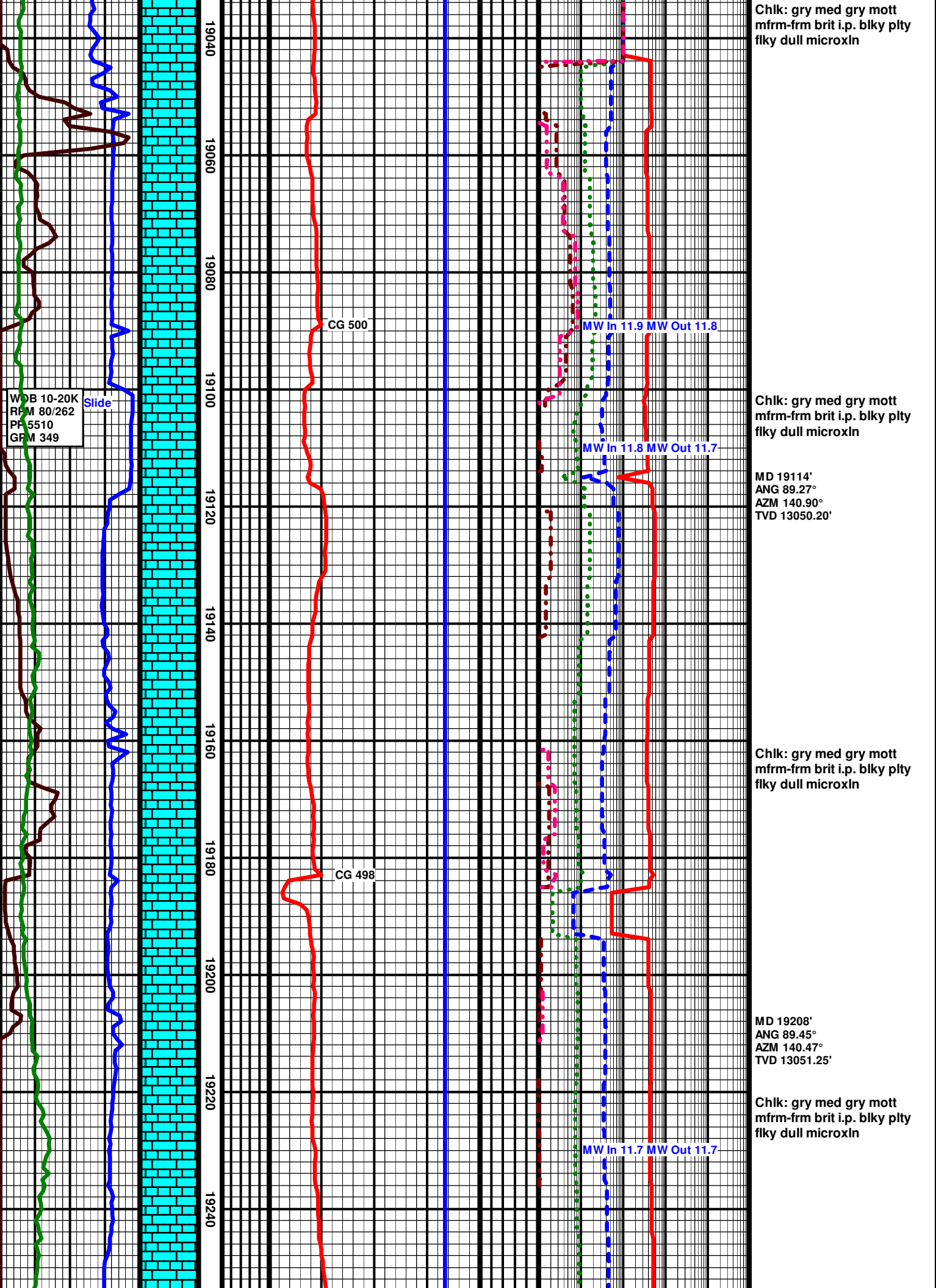
NB 6 3/4" Security GTD64M
w/ 6x18's Jets TFA = 1.491
w/ 2 1/2" Motor, MWD, & Gamma
w/ 6 13/16" Under Reamer

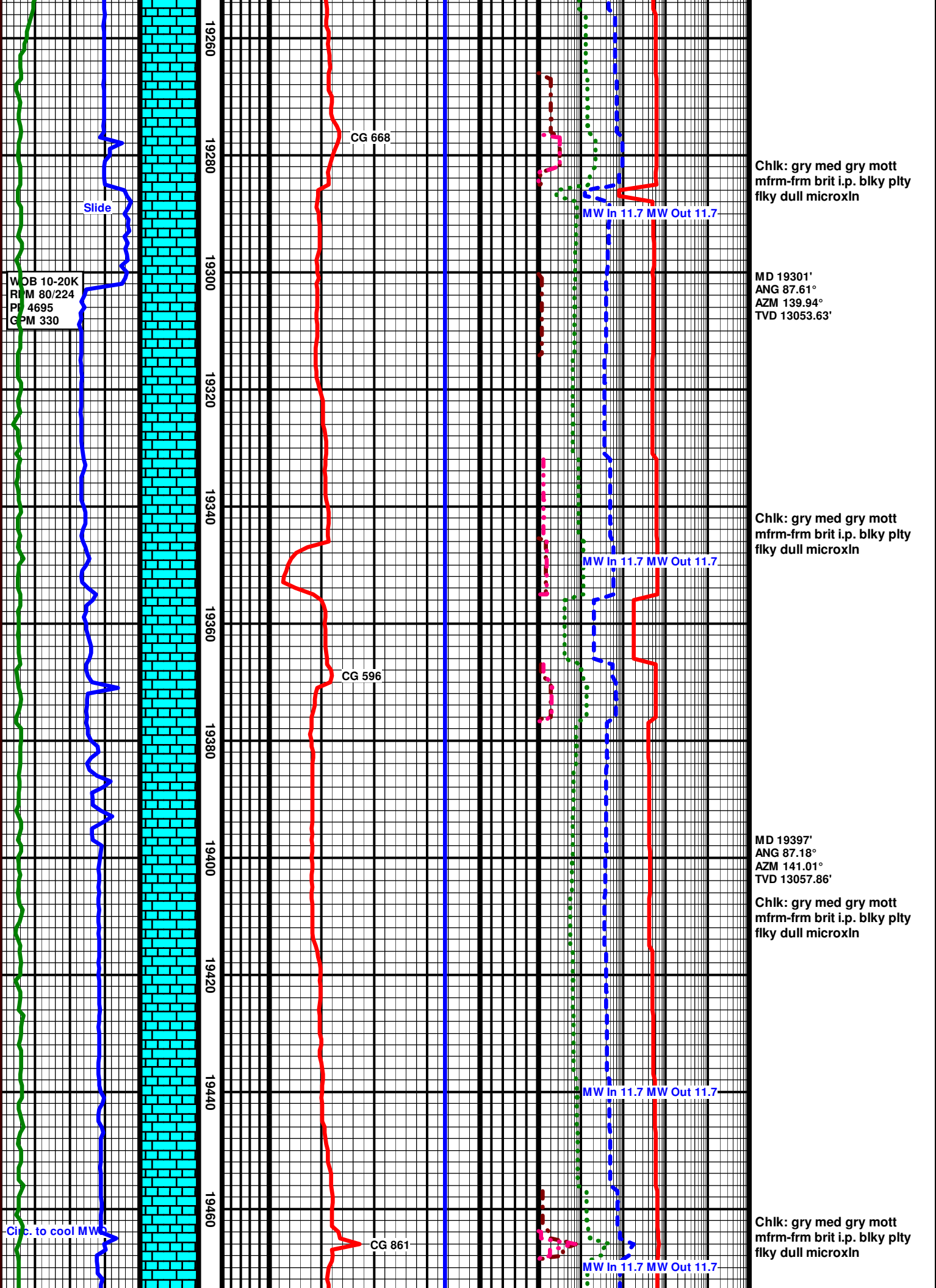
MW 11.8
VIS 51
PV 23
YP 11
FIL 5.6
CL 50K

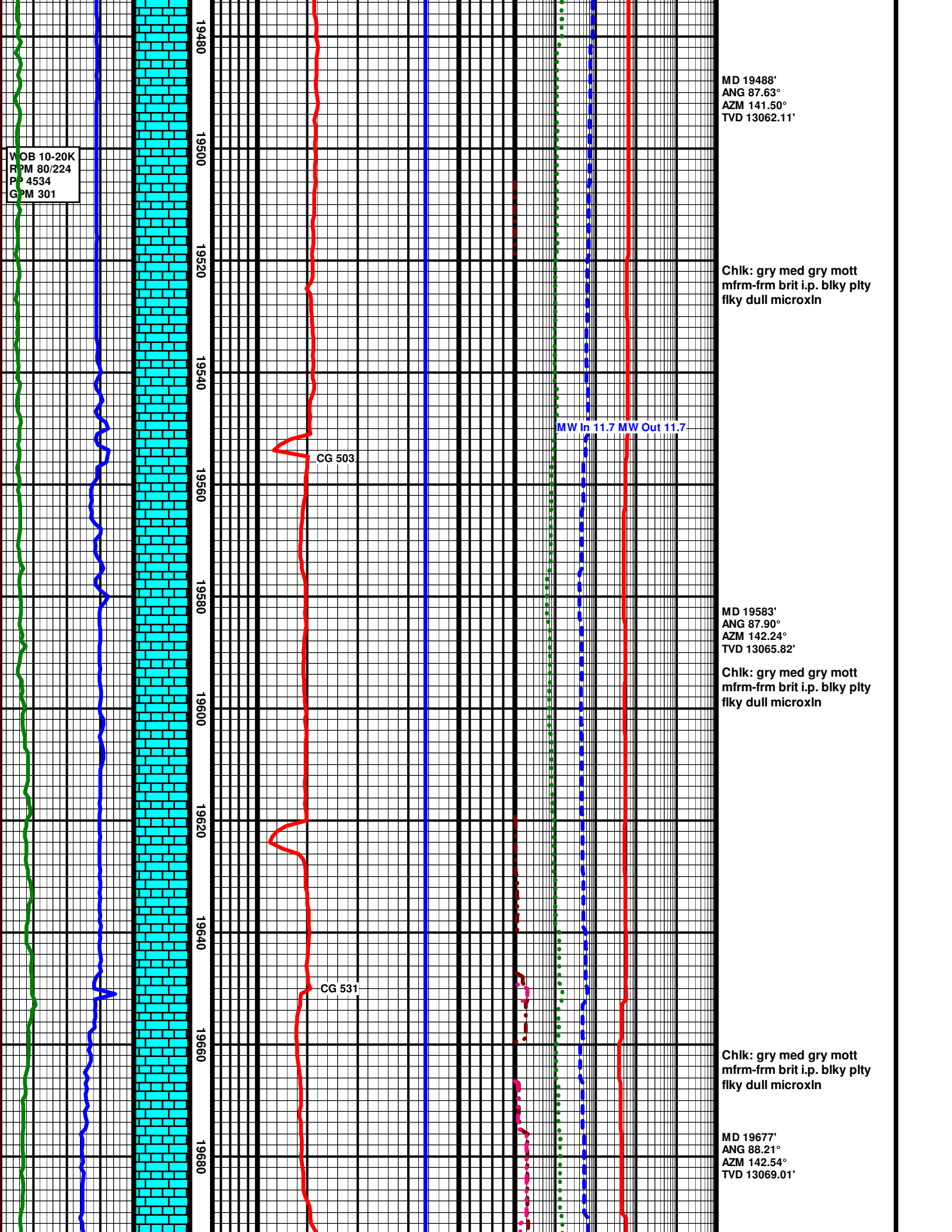
CG 558

Chlk: gry med gry mott
mfrm-frm brit i.p. blkly plty
flky dull microxln

MD 19021'
ANG 90.19°
AZM 141.03°
TVD 13049.76'







WOB 15-25K
RPM 80/248
PP 5260
GPM 330

