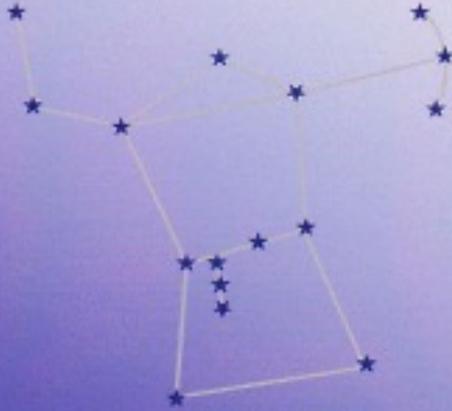


Orion Mudlogging, LLC



Rt. 1 Box 1103

Cherokee, OK 73728

Phone: 580-515-6076

E-mail: tpierce_mudlog@yahoo.com

Light years above the rest!

Scale 1:600 (2"=100') Metric
Measured Depth Log

Well Name: ANITA 3420 1-12H SANDRIDGE ENERGY, INC.
Location: SECTION 12-T34S-R20W OF COMANCHE COUNTY, KANSAS
License Number: 15-033-21673-01-00 Region: Lemon Ranch East
Spud Date: 10/31/2012 Drilling Completed: 11/15/2012
Surface Coordinates: SHL: 200' FNL & 1980' FEL of SECT 12-T34S-R20W

Bottom Hole BHL: 330' FSL & 1980' FEL of SECT 12-T34S-R20W
Coordinates:
Ground Elevation (m): 1793 K.B. Elevation (m): 1814
Logged Interval (m): 2,200' To: 9,576' Total Depth (m): 9,576'
Formation: Mississippi Limestone
Type of Drilling Fluid: Water Based / Gel

Printed by HORIZONTAL.LOG from WellSight Systems 1-800-447-1534 www.WellSight.com

OPERATOR

Company: Sandridge Energy, INC.
Address: 123 Robert S. Kerr Avenue, Ste. 2430
Oklahoma City, Oklahoma 73102-6406

GEOLOGIST

Name: Kathy Gentry
Company: Sandridge Energy, INC.
Address: 123 Robert S. Kerr Avenue, Ste. 2430
 Oklahoma City, Oklahoma 73102-6406

WELL INFORMATION

START LOGGING ON: 10/31/2012
DIRECTIONAL: Archer
KICK OFF POINT: 4,291'
LANDING POINT: 5,531' MD; 5,219' TVD

ROCK TYPES

	Dolc ls		Cht		Gyp		Salt		Ss
	Calc dolo		Clyst		Igne		Shale		Till
	Anhy		Coal		Lmst		Shcol		Shcarb
	Bent		Congl		Meta		Shgy		Calc ss
	Brec		Dol		Mrlst		Slstst		Slstst

ACCESSORIES

RASTER		FOSSIL	
MINERAL			
			STRINGER
			TEXTURE

OTHER SYMBOLS

POROSITY

- E Earthy
- Fenest
- F Fracture
- X Inter
- ⊗ Moldic
- Organic
- P Pinpoint

- V Vuggy

SORTING

- W Well
- M Moderate
- P Poor

ROUNDING

- R Rounded
- r Subrnd
- a Subang
- A Angular

OIL SHOW

- Even

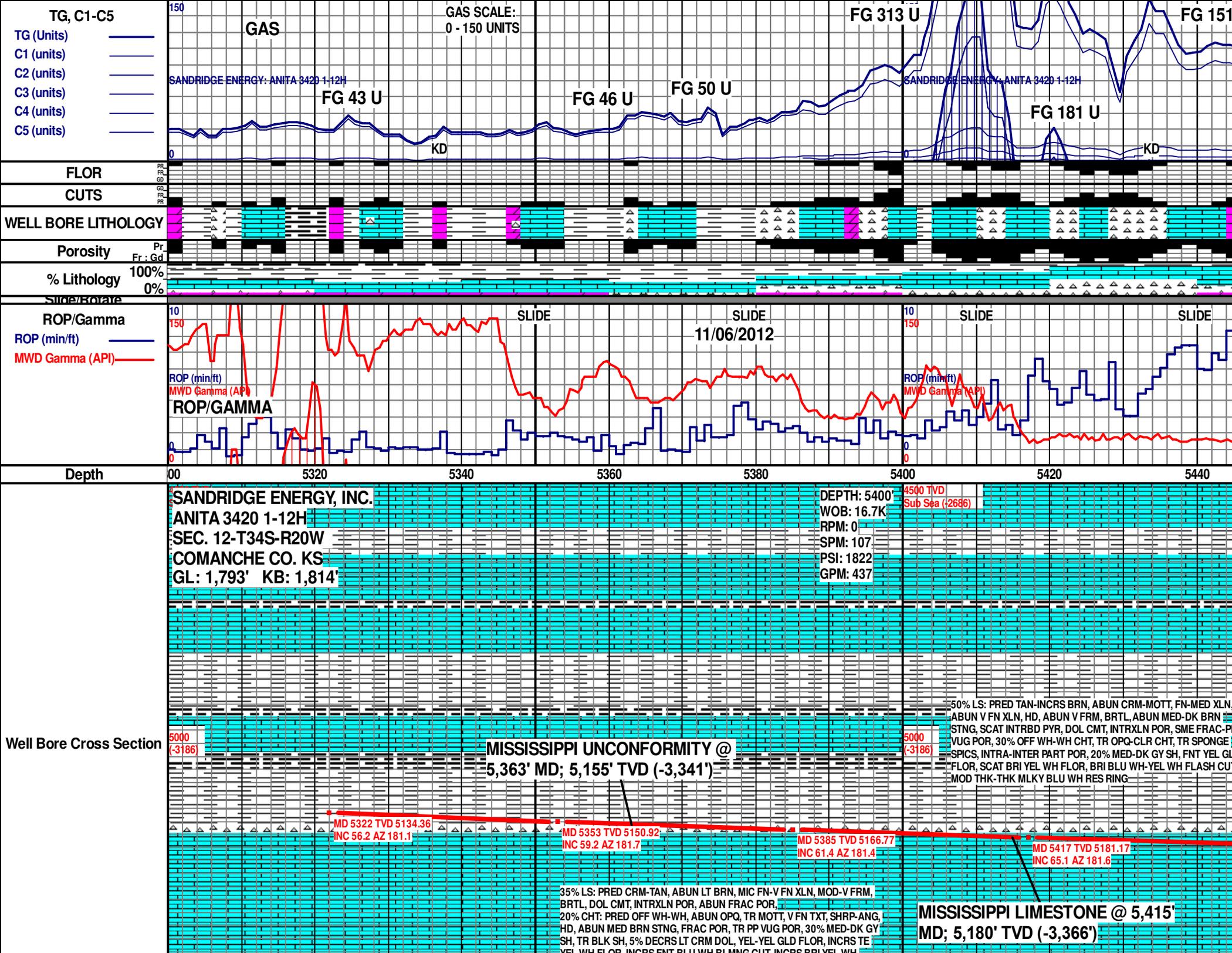
- Spotted
- Ques
- D Dead

INTERVAL

- Core
- Dst

EVENT

- ▽ Rft
- ▴ Sidewall



TG, C1-C5
 TG (Units)
 C1 (units)
 C2 (units)
 C3 (units)
 C4 (units)
 C5 (units)

GAS
 SANDRIDGE ENERGY: ANITA 3420 1-12H
 FG 43 U
 FG 46 U
 FG 50 U
 KD

FG 313 U
 SANDRIDGE ENERGY: ANITA 3420 1-12H
 FG 181 U
 FG 151 U
 KD

FLOR
 CUTS

WELL BORE LITHOLOGY
 Porosity
 % Lithology
 Side/Rotate

ROP/Gamma
 ROP (min/ft)
 MWD Gamma (API)
 ROP/GAMMA

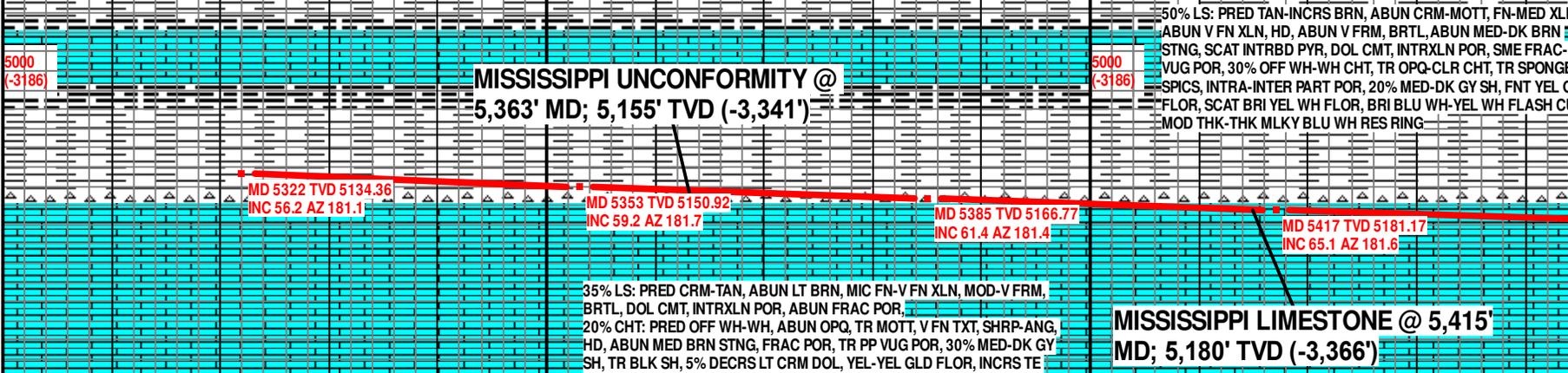


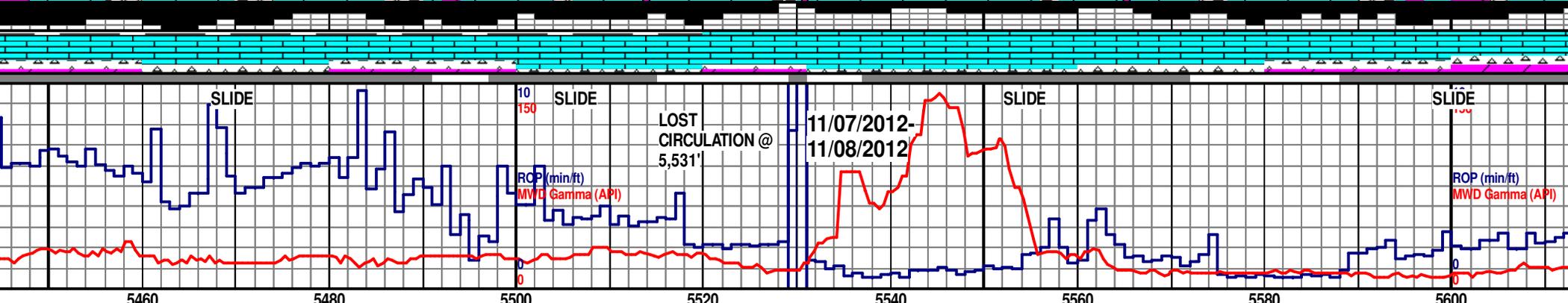
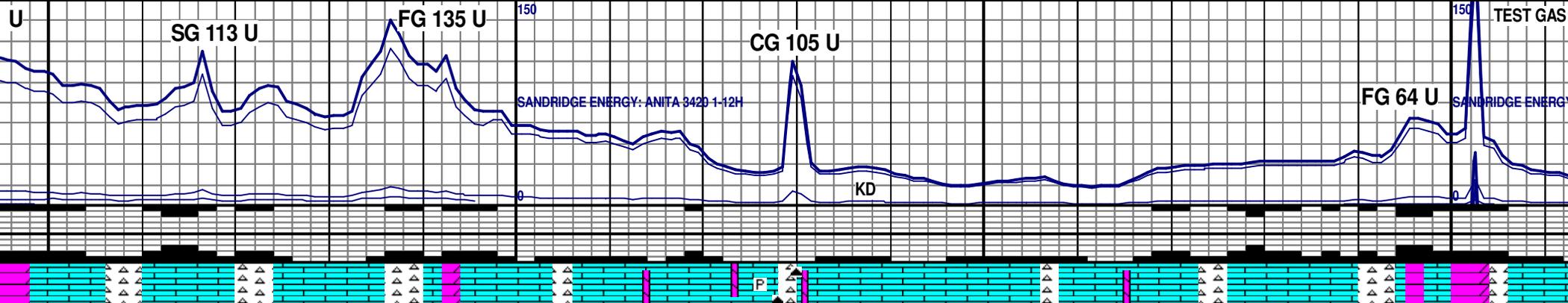
Depth

SANDRIDGE ENERGY, INC.
 ANITA 3420 1-12H
 SEC. 12-T34S-R20W
 COMANCHE CO. KS
 GL: 1,793' KB: 1,814'

DEPTH: 5400'
 WOB: 16.7K
 RPM: 0
 SPM: 107
 PSI: 1822
 GPM: 437

Well Bore Cross Section





<p>MUD CK @ 5498' MW: 9.1 FV: 50 PV: 19 YP: 17 GEL: 9/20 API: 4.8 CAKE: 2/32 SOLIDS: 6% WATER: 94% PH: 9.5 FA: 0.2/0.8 CHL: 9000 HARD: 120</p>	<p>DEPTH: 5500' WOB: 25.5K RPM: 0 SPM: 137 PSI: 2565 GPM: 563</p>	<p>TOOH @ 5,531' FOR 7" INTERMEDIATE CASING ON 11/06/2012 BIT #4 DRILLED 1,239' IN 35.75 HRS RESUME DRILLING ON 11/08/2012 WITH NB #5: 6.125" LOGIC PDC; JETS: 6-14'S</p>	<p>DEPTH: 5600' WOB: 21.6K RPM: 0 SPM: 75 PSI: 1552 GPM: 306</p>	<p>75% LS: PRED CRM, ABUN OFF WH-TAN, MIC FN-V FN XLN, SLI-MOD FRM, BRTL, CALC CMT, PRED INTRXLN POR, INCRS PP VUG POR, SME FRAC POR, 20% OFF WH-WH CHT, TR CLR CHT, 5% INCRS CRM DOL, ABUN INCRS BRI YEL WH-WH FLOR, TR BLU WH FLOR, INCRS FNT YEL WH CUT, INCRS FNT MOD THK BLU WH RES RING</p>	
<p>65% LS: PRED CRM-TAN, SME MOTT-OFF WH, TR LT BRN, FN XLN, SME V FN-MED XLN, V FRM-HD, TR MOD FRM, BRTL, SCAT MED BRN STNG, DOL CMT, INTRXLN-PP VUG POR, 20% OFF WH-WH CHT, TR OPQ CHT, TR SPONGE SPICS, SME INTRA-INTER PART POR, FRAC POR, SME PP VUG POR, 10% MED-DK GY SH, 5% SCAT OFF WH-CRM DOL, ABUN FNT YEL-YEL GLD FLOR, SCAT BRI YEL WH FLOR, FNT BLU-SLI YEL SLO FLASH CUT, THN FNT BLU WH RES RING</p>	<p>80% LS: PRED CRM-SLI INCRS TAN, V FN-FN XLN, SME MED XLN, MOD-V FRM, BRTL, SME MED BRN STNG, DOL CMT, INTRXLN POR, ABUN FRAC POR, TR PP VUG POR, INCRS TR PYR, 10% WH-OPQ CHT, SME CLR CHT, FRAC POR, INCRS TR DK GY CHT, 5% INCRS OFF WH-CRM DOL, 5% MED-DK GY SH, SME LT GY SH, SCAT YEL GLD FLOR, TR BRI YEL WH FLOR, FNT BLU-BLU GLD FLOR, THN FNT BLU-BLU WH RES RING</p>	<p>60% LS: XLN, TR CMT, IN DOL, IN CLR CH WH FLO THN FNT</p>			
<p>MD 5449 TVD 5193.6 INC 69.2 AZ 181.5</p>	<p>MD 5480 TVD 5203.59 INC 73.2 AZ 181.6</p>	<p>MD 5504 TVD 5209.98 INC 75.9 AZ 180.7</p>	<p>MD 5535 TVD 5217.11 INC 77.5 AZ 180.5</p>	<p>MD 5566 TVD 5223.21 INC 79.8 AZ 181.4</p>	<p>MD 5597 TVD 5227.93 INC 82.7 AZ 181.4</p>

189 U

GAS SCALE:
0 - 150 UNITS

150

ANITA 3420 1-12H

SANDRIDGE ENERGY: ANITA 3420 1-12H

FG 30 U

SG 20 U

FG 47 U

FG 29 U

KD

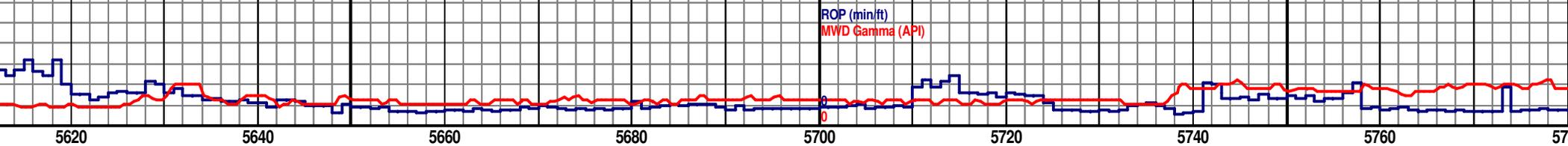
KD



SLIDE

SLIDE

SLIDE



5620

5640

5660

5680

5700

5720

5740

5760

5780

MUD CK @ 5648'
 MW: 8.6
 SOLIDS: 1%
 WATER: 99%
 PH: 9.5
 CHL: 42000
 HARD: 200

DEPTH: 5700'
 WOB: 16.7K
 RPM: 40
 SPM: 68
 PSI: 2046
 GPM: 279

5180 TVD
 Sub Sea (-3386)

5220
 (-3406)

PRED CRM-TAN, ABUN MOTT, V FN-FN
 MIC FN XLN, SLI-MOD FRM, BRTL, CALC
 INTRXLN POR, ABUN FRAC POR, 20% CRM
 INTRXLN POR, 20% OFF WH-WH CHT, TR
 T, FRAC POR, SCAT BRI YEL-YEL WH-BLU
 TR, TR GRN WH FLOR, FNT YEL WH FLOR,
 T BLU WH RES RING

65% LS: PRED CRM-TAN, ABUN LT BRN-MOTT, MIC
 FN-V FN XLN, SLI-MOD FRM, BRTL, SME FRI,
 CALC-DECRS CALC CMT, INTRXLN POR, SME FRAC
 POR, 35% OFF WH-WH CHT, TR CLR CHT, FRAC POR,
 TR PP VUG POR, SCAT CRM DOL, SCAT YEL-YEL WH
 FLOR, TR YEL GLD-FNT WH FLOR, FNT YEL FLOR,
 THN FNT BLU RES RING

50% CHT: PRED OFF WH-WH, SME CLR, V FN-FN TXT,
 SME SMTH TXT, SHRP-ANG, V FRM-HD, MIC FN INTBD
 PYR, FRAC-INCRS PP VUG POR, 45% CRM-TAN LS,
 TR BRN LS, DOL-DOL CALC CMT, INTRXLN POR, SME
 FRAC POR, 5% SLI INCRS CRM DOL, ABUN YEL-YEL
 WH FLOR, TR BLU WH FLOR, FNT YEL-BLUIISH CUT,
 THN FNT BLU WH RES RING

70% CHT: PRED OFF WH, ABUN CLR
 FN TXT, SME V FN TXT, SHRP-ANG,
 INTRBD PYR, FRAC-PP VUG POR, 20%
 TR LT BRN LS, DOL CALC-CALC CMT,
 SME FRAC POR, 5% CRM DOL, ABU
 YEL-YEL WH FLOR, SME BLU WH-G
 BLU-BLU WH SLO FLASH CUT, MOD
 BLU WH RES RING

MD 5628 TVD 5231.3
 INC 84.8 AZ 181.4

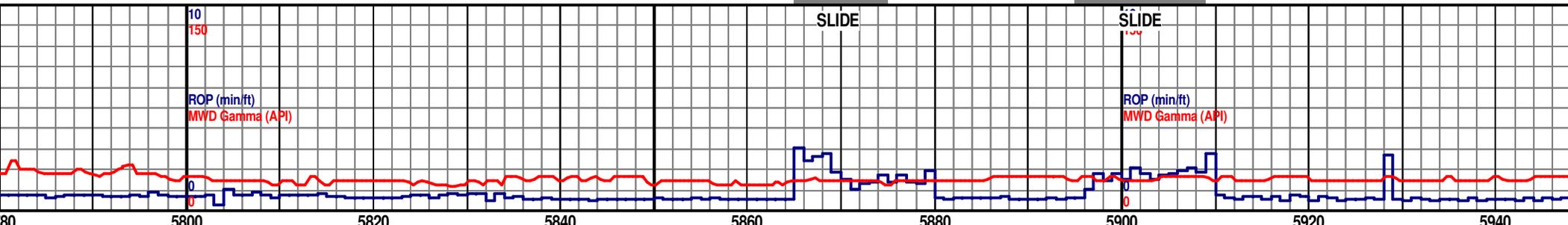
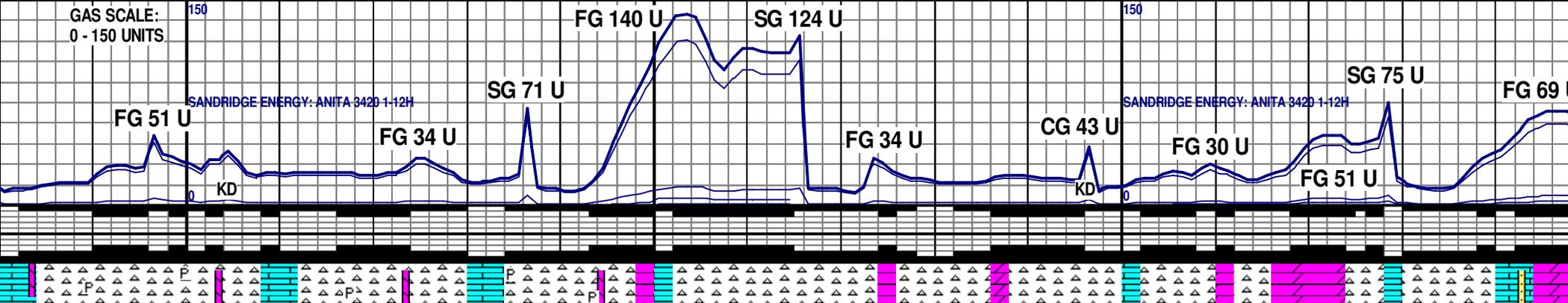
MD 5658 TVD 5233.6
 INC 86.2 AZ 180.9

MD 5689 TVD 5235.82
 INC 85.8 AZ 180.7

MD 5720 TVD 5237.79
 INC 86.9 AZ 180.9

MD 5751 TVD 5239.06
 INC 88.4 AZ 181.9

GAS SCALE:
0 - 150 UNITS



DEPTH: 5800'
WOB: 9.2K
RPM: 41
SPM: 70
PSI: 1842
GPM: 289

5180 TVD
Sub Sea (-3366)

70% CHT: OFF WH-DUL CRM, ABUN CLR, V FN-FN
TXT, SUBRND-SUBANG, V FRM-HD, SCAT MIC XLN
INTRBD PYR, FRAC-PP VUG POR, 25% CRM-TAN LS,
ABUN BRN LS, INTRXLN-FRAC POR, 5% INCRS CRM
DOL, ABUN BRI YEL-YEL WH FLOR, SME YEL GLD
FLOR, BLU WH-BLU SLO CUT, INCRS MOD THK BRI
BLU WH-GRN WH RES RING

5220
(-3406)

DEPTH: 5900'
WOB: 32.0K
RPM: 0
SPM: 69
PSI: 1915
GPM: 282

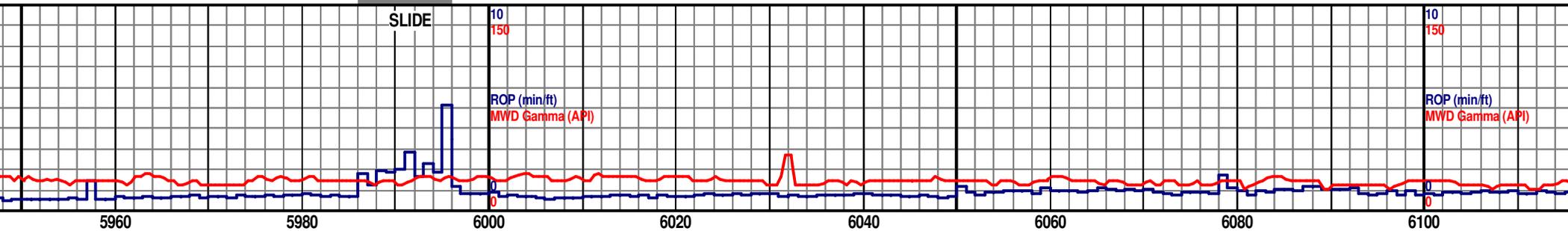
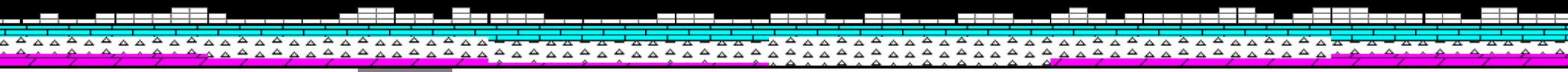
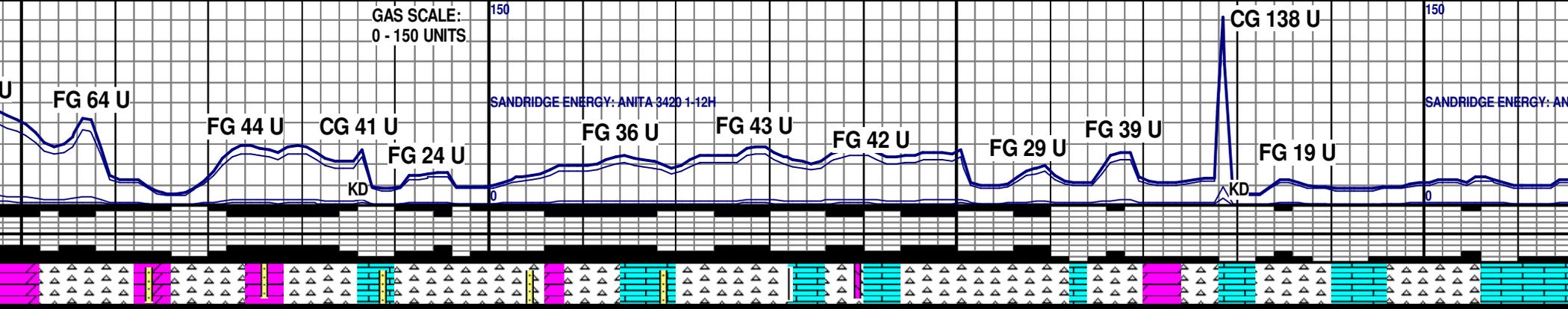
5180 TVD
Sub Sea (-3366)

75% CHT: PRED OFF WH-LT CRM, ABUN CLR, SME
OPQ, V FN TXT, SUBRND-SUBANG, HD-V FRM,
SME SCAT MIC XLN INTRBD PYR, FRAC-PP VU
POR, 15% CRM-OFF WH DOL, INTRXLN POR, 10%
CRM-TAN LS, SME BRN LS, ABU YEL WH-YEL
FLOR, INCRS BRI YEL GLD FLOR, BLU WH-BLU
CUT, MOD THK BRI BLU WH-GRN WH RES RING

5220
(-3406)

45% DOL: PRED CRM-OFF WH, SME LT TAN-WH,
MIC FN-V FN XLN, SLI-MOD FRM, BRTL, SME FRI,
CALC CMT, INTRXLN POR, 40% OFF WH-LT CRM
CHT, ABUN CLR CHT, FRAC-PP VUG POR, 15%
CRM-TAN LS, TR CLR UNCONSOL SS, ABUN YEL
WH-YEL GLD FLOR, DECRS BRI YEL GLD FLOR,
BLU WH-SLI GRN WH SLO CUT, FNT MOD THK BLU
WH-SLI GRN WH RES RING

MD 5781 TVD 5239.69 INC 89.2 AZ 181.3
MD 5812 TVD 5240.29 INC 88.6 AZ 181.4
MD 5843 TVD 5241.12 INC 88.3 AZ 181.4
MD 5873 TVD 5241.67 INC 89.6 AZ 181.3
MD 5904 TVD 5241.21 INC 92.1 AZ 182.1
MD 5935 TVD 5239.9 INC 92.7 AZ 182



5960 5980 6000 6020 6040 6060 6080 6100

DEPTH: 6000
WOB: 13.9K
RPM: 39
SPM: 68
PSI: 2027
GPM: 277

5180 TVD
Sub Sea (-3366)

DEPTH: 6100
WOB: 17.1K
RPM: 40
SPM: 71
PSI: 2435
GPM: 290

5180 TVD
Sub Sea (-3366)

45% CHT: OFF WH-LT CRM, ABUN CLR, V FN-FN TXT, SUBANG-SUBRND, V FRM-HD, FRAC-PP VUG POR, 30% CRM-TAN LS, V FN-MIC FN XLN, CALC CMT, INTRXLN POR, 25% OFF WH-LT CRM DOL, INTRXLN POR, TR CLR UNCONSOL SS, YEL WH-YEL FLOR, SME BRI YEL GLD FLOR, BLU WH-INCRS GRN WH SLO CUT, V FNT MOD THK BLU WH-SLI GRN WH RES RING

55% CHT: PRED OFF WH-LT CRM, ABUN WH-CLR, V FN TXT, SUBANG-SUBRND, V FRM-HD, FRAC-PP VUG POR, 40% CRM-TAN LS, V FN-MIC FN XLN, MOD-SLI FRM, CALC CMT, INTRXLN-FRAC POR, 5% OFF WH-LT CRM DOL, TR CLR-WH UNCONSOL SS, TR MED GY SH, YEL WH-YEL FLOR, INCRS SCAT BRI YEL GLD FLOR, SLI BRI BLU WH SLO CUT, FNT MOD THK BLU WH RES RING

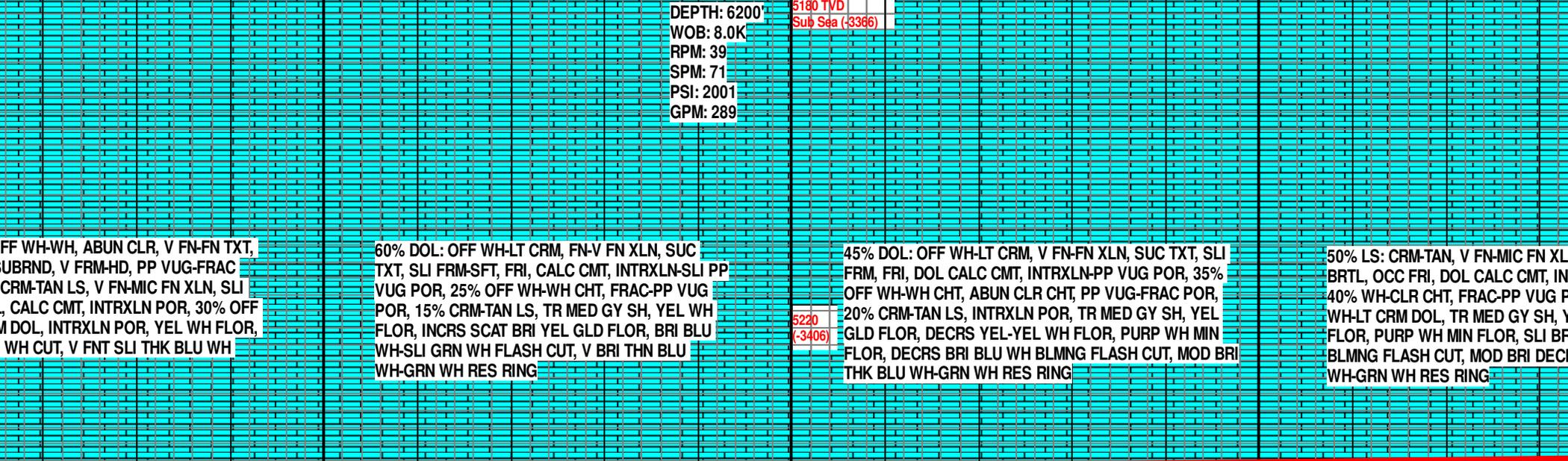
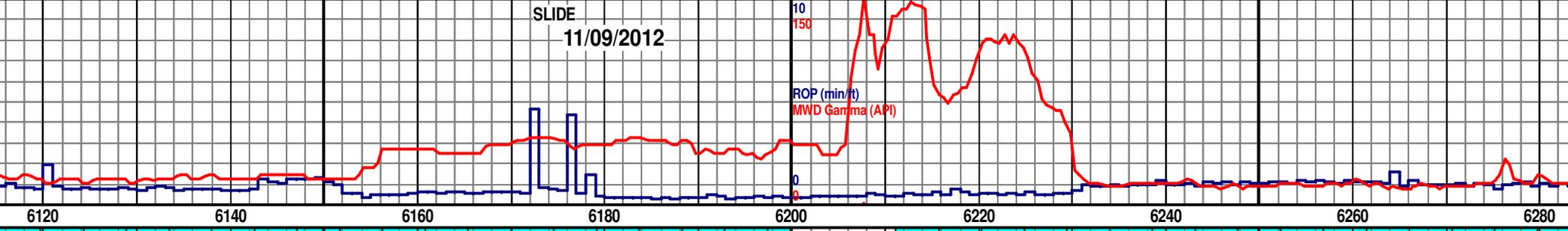
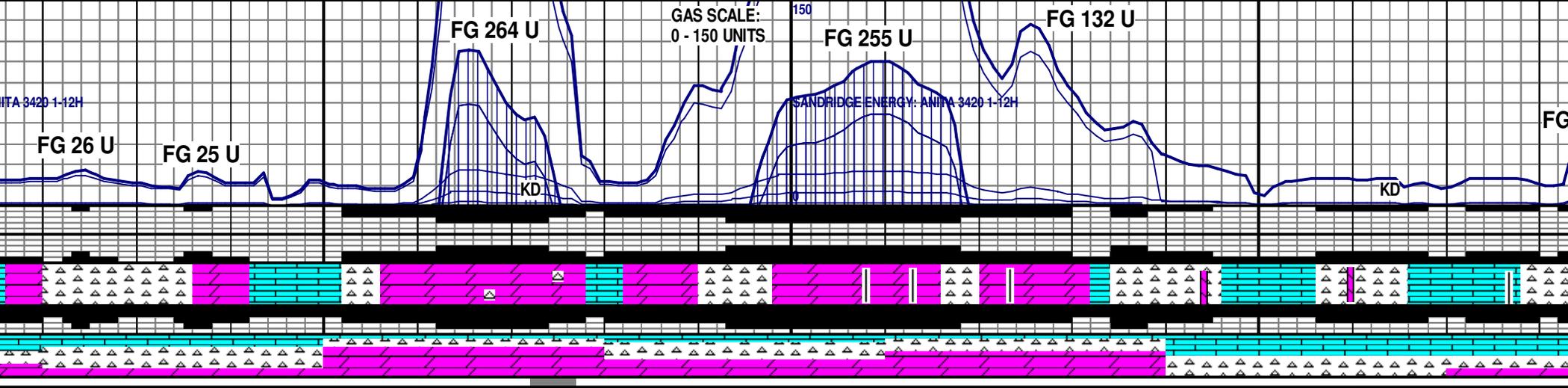
50% CHT: PRED OFF WH-WH, ABUN CLR, V FN-FN TXT, SUBANG-SUBRND, V FRM-HD, FRAC-PP VUG POR, 30% CRM-TAN LS, V FN XLN, MOD-SLI FRM, CALC CMT, INTRXLN POR, 20% OFF WH-LT CRM DOL, INTRXLN POR, YEL WH FLOR, SME SCAT BRI YEL GLD FLOR, DECRS FNT BLU WH SLO CUT, V FNT DECRS MOD THK BLU WH RES RING

40% CH: O SUBANG-S POR, 30% FRM, BRTL WH-LT CRM V FNT BLU RES RING

MD 5997 TVD 5237.75
INC 91.3 AZ 181.1

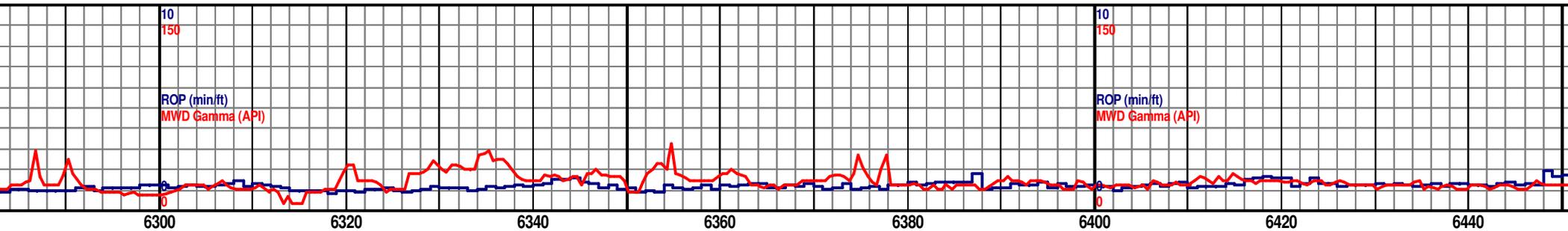
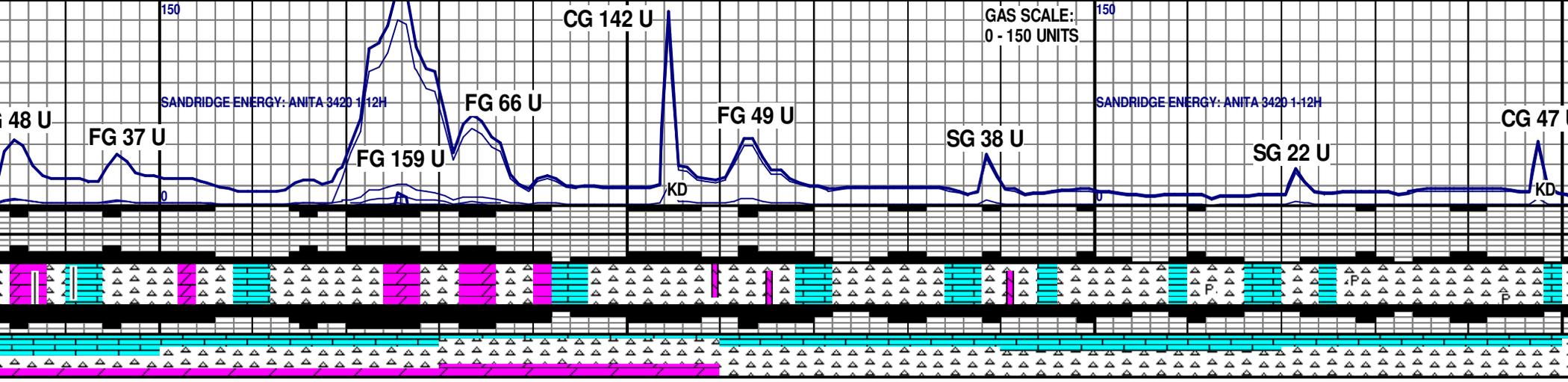
MD 6027 TVD 5237.15
INC 91 AZ 180.9

MD 6089 TVD 5236.55
INC 90.1 AZ 180.5



MD 6120 TVD 5236.61
INC 89.7 AZ 180.2

MD 6212 TVD 5236.69
INC 90.2 AZ 180.3



DEPTH: 6300'
 WOB: 13.3K
 RPM: 40
 SPM: 71
 PSI: 2013
 GPM: 289

5180 TVD
 Sub Sea (-3366)

N, SLI FRM,
 TRXLN POR,
 POR, 10% OFF
 YEL GLD
 BLU WH
 RRS THK BLU

55% CHT: PRED OFF WH-WH, V FN-FN TXT,
 SUBANG-SUBRND, V FRM-HD, FRAC POR, TR PP
 VUG POR, 25% OFF WH-LT CRM DOL, V FN XLN,
 SLI FRM, BRTL, INTRXLN POR, 20% CRM-TAN LS,
 V FN-MIC FN XLN, FRAC POR, TR INTRXLN POR,
 YEL GLD FLOR, PURP WH MIN FLOR, BLU-BLU WH
 FLASH CUT, TR YEL WH STMNG CUT, THN INCRS
 BRI BLU WH RES RING

5220
 (-3406)

MD 6303 TVD 5235.5
 INC 91.3 AZ 180.3

DEPTH: 6400'
 WOB: 14.6K
 RPM: 40
 SPM: 70
 PSI: 1758
 GPM: 291

5180 TVD
 Sub Sea (-3366)

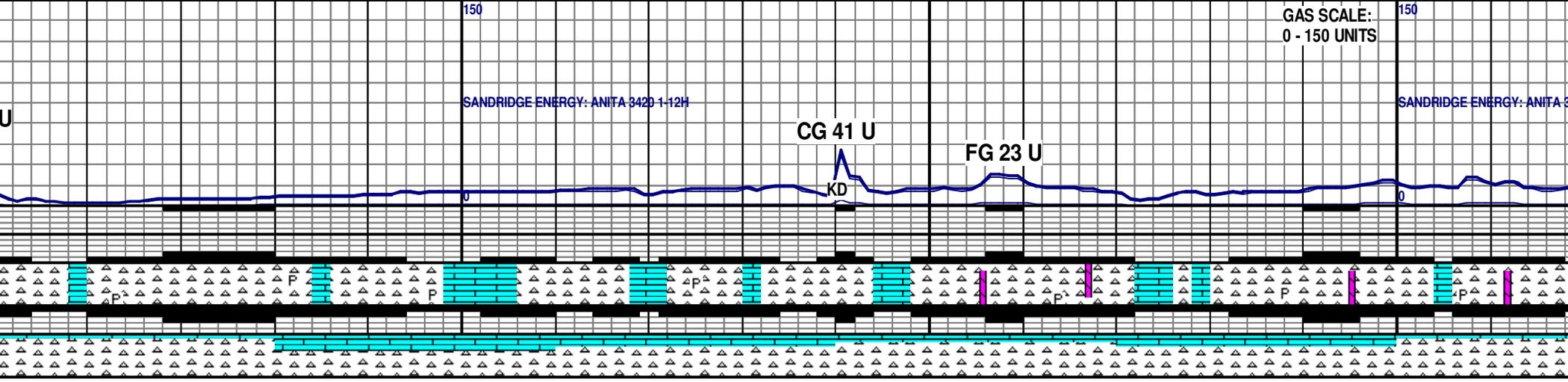
70% CHT: PRED OFF WH-WH, SME OPQ, V FN-FN
 TXT, TR SMTH TXT, ANG-SUBANG, SME SHRP, V
 FRM-HD, SCAT INTRBD PYR, FRAC-PP VUG POR,
 30% CRM-LT TAN LS, INTRXLN POR, SME FRAC
 POR, SCAT TR CRM DOL, SCAT YEL-YEL GLD
 FLOR, TR YEL WH FLOR, FNT YEL CUT, V FNT
 BLUISH RES RING

5220
 (-3406)

MD 6396 TVD 5233.39
 INC 91.3 AZ 180.6

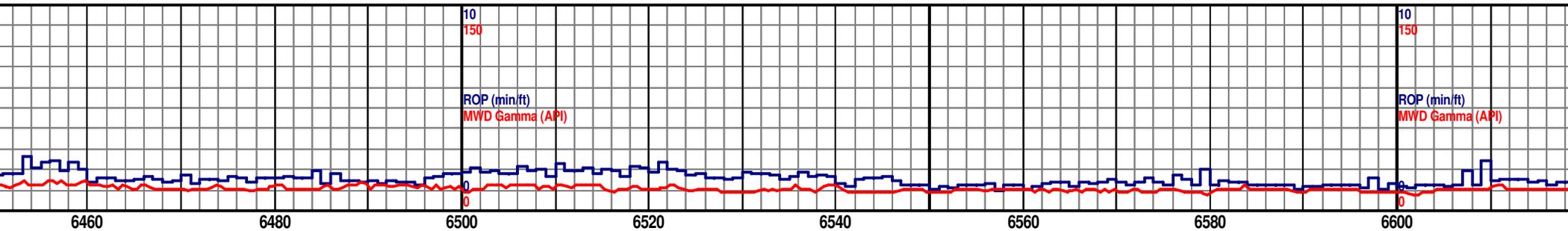
SANDRIDGE ENERGY: ANITA 3423 1-12H

SANDRIDGE ENERGY: ANITA 3423 1-12H



ROP (min/ft)
MWD Gamma (API)

ROP (min/ft)
MWD Gamma (API)



DEPTH: 6500' 5180 TVD
WOB: 21.6K Sub Sea (3366)
RPM: 45
SPM: 71
PSI: 2027
GPM: 289

DEPTH: 6600' 5180 TVD
WOB: 18.8K Sub Sea (3366)
RPM: 39
SPM: 71
PSI: 2116
GPM: 289

80% CHT: PRED OFF WH-WH, ABUN INCRS OPQ-CLR, V FN-FN TXT, TR SMTH TXT, SUBANG-INCRS ANG, V FRM-HD, SCAT TR INTRBD PYR, FRAC-PP VUG POR, 20% OFF WH-CRM LS, INTRXLN POR, ABUN DECRS YEL-YEL GLD FLOR, TR YEL WH FLOR, FNT YEL-SLI YEL WH FLASH CUT, THN FNT YEL WH RES RING

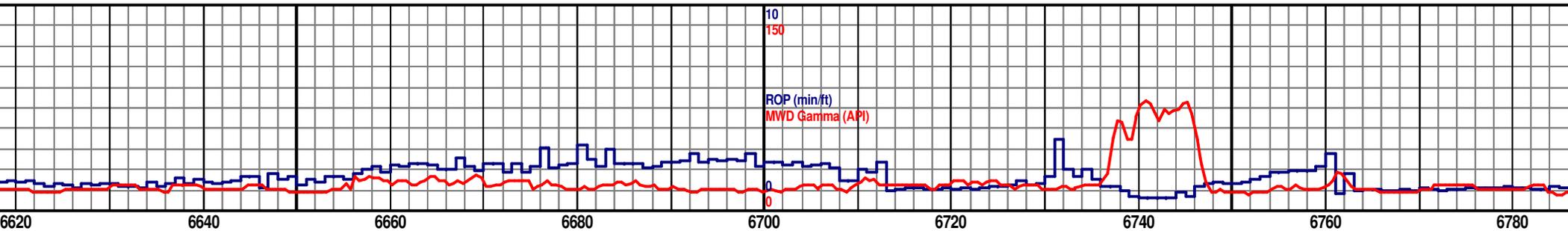
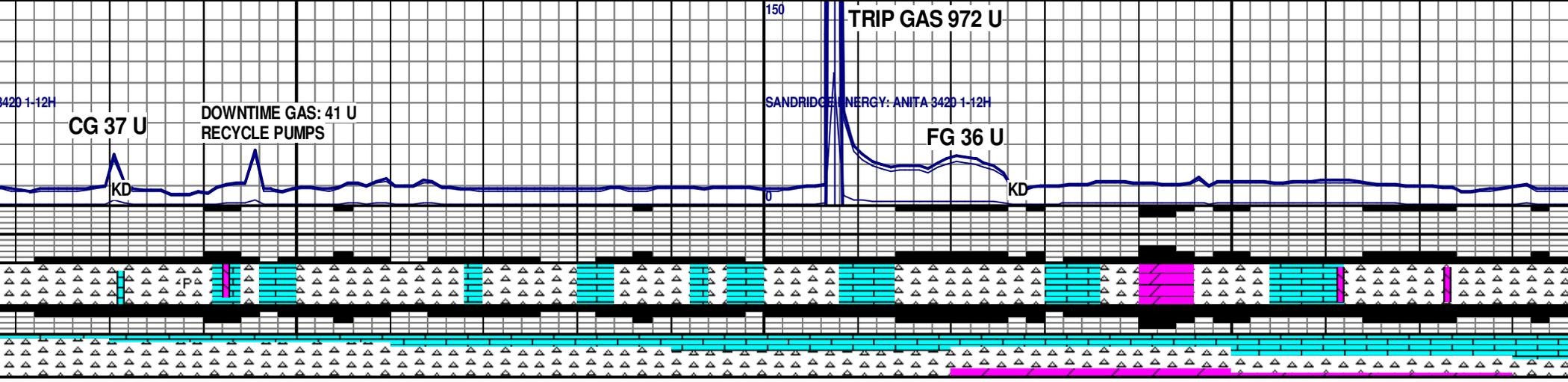
65% CHT: PRED OFF WH, ABUN WH-OPQ, V FN-FN TXT, SUBRND-SUBANG, MOD-V FRM, SCAT INTRBD PYR, FRAC POR, TR PP VUG POR, 35% CRM-TAN LS, DOL-DOL CALC CMT, INTRXLN-FRAC POR, SCAT YEL-YEL GLD FLOR, INCRS V FNT BLUISH CUT, FNT BLU RES RING

75% CHT: PRED OFF WH, SME WH-OPQ, V FN-FN TXT, SUBRND-SUBANG, MOD-V FRM, SLI TR PYR, FRAC POR, 25% CRM-TAN LS, DOL CALC CMT, INTRXLN POR, SME FRAC POR, SCAT YEL GLD FLOR, TR YEL WH FLOR, FNT BLU CUT, FNT BLU RES RING

85% CHT: PRED OFF WH, ABUN WH-OPQ, V FN-FN TXT, SUBRND-SUBANG, MOD-V FRM, SCAT INTRBD PYR, FRAC POR, TR PP VUG POR, 35% CRM-TAN LS, DOL-DOL CALC CMT, INTRXLN-FRAC POR, SCAT YEL-YEL GLD FLOR, INCRS V FNT BLUISH CUT, FNT BLU RES RING

MD 6487 TVD 5231.4
INC 91.2 AZ 180.6

MD 6579 TVD 5230.28
INC 90.2 AZ 180.7



MUD CK @ 6631'
 MW: 8.6
 FV: 28
 SOLIDS: 1%
 WATER: 99%
 PH: 9.5
 CHL: 42000
 HARD: 120

DEPTH: 6700'
 WOB: 23.8K
 RPM: 35
 SPM: 71
 PSI: 2349
 GPM: 289

5180 TVD
 Sub Sea (-3366)

TOOH @ 6,708' FOR NB #6: 6.125"
DRILLFORMANCE PDC; JETS: 3-13'S & 3-16'S
BIT #5 DRILLED 1,177' IN 24.5 HRS

ED CLR-OFF WH CHT, TR WH CHT, V
 SME FN TXT, SUBRND-SUBANG, V
 UG-FRAC POR, 15% OFF WH-CRM LS,
 TRXLN POR, SME FRAC POR, SCAT OFF
 T YEL-YEL WH FLOR, INCRS FNT BLU
 RES RING

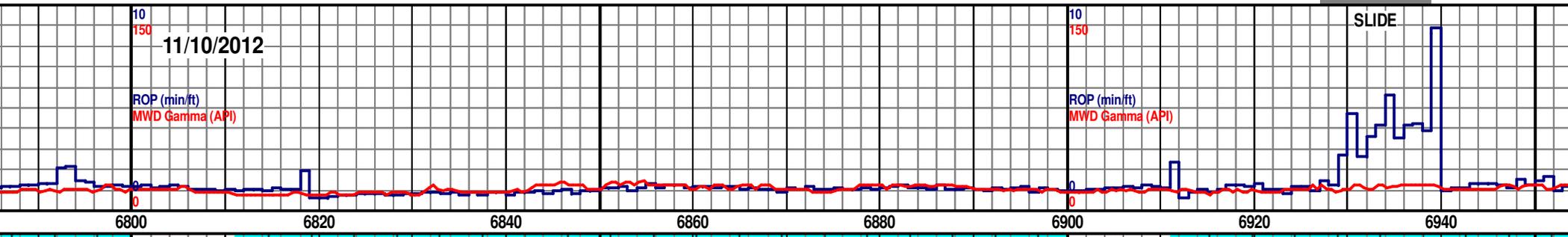
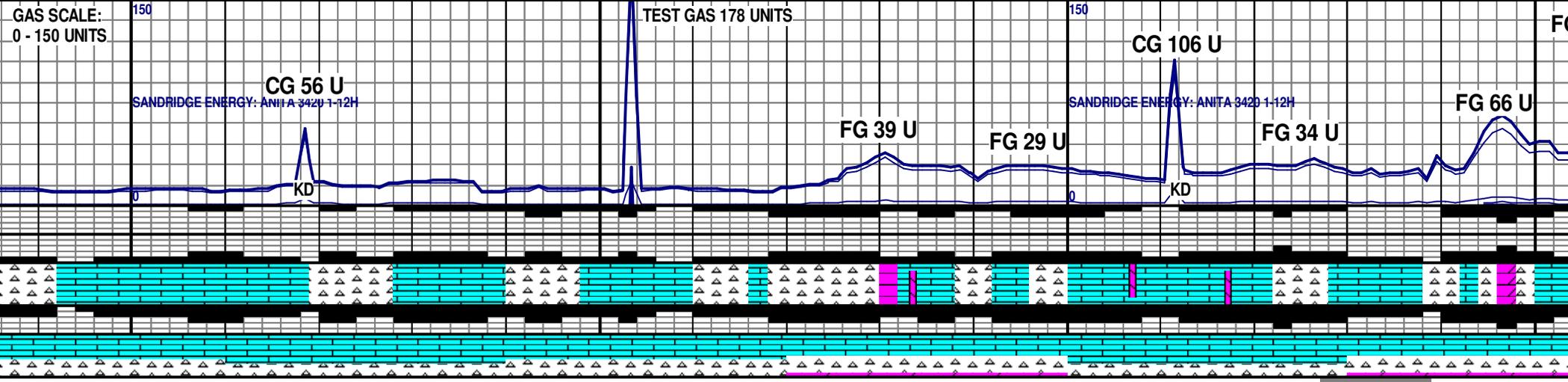
70% CHT: PRED OFF WH-WH, ABUN CLR, V FN TXT, TR
 SMTH-FN TXT, SUBRND-SUBANG, V FRM-HD, FRAC POR,
 SCAT PP VUG POR, 30% OFF WH-CRM LS, PRED
 INTRXLN POR, TR FRAC POR, CALC-INCRS DOL CALC
 CMT, SCAT YEL-YEL WH FLOR, TR ORNG FLOR, FNT
 BLU CUT, THN FNT BLUISH RES RING

55% CHT: PRED OFF WH-WH, ABU CLR-OPQ, V FN-FN
 TXT, OCC SMTH TXT, SUBANG-SUBRND, HD-V FRM,
 FRAC POR, 35% CRM-OFF WH LS, TR TAN LS, DOL
 CALC-DOL CMT, INTRXLN POR, 10% OFF WH DOL,
 SUCC TXT, YEL WH-YEL GLD FLOR, SME PURP WH
 MIN FLOR, INCRS MOD BRI BLU WH FLASH CUT, THK
 INCRS MOD BRI BLU WH RES RING

65% LS: PRED CRM, ABUN OFF WH, SM
 FN-V FN XLN, MOD FRM, BRTL, DOL CM
 POR, 30% WH-OFF WH CHT, ABUN CLR
 POR, 5% OFF WH-WH DOL, PURP WH M
 YEL-YEL GLD FLOR, DECRS MOD BRI B
 CUT, THK DECRS BRI BLU WH RES RING

MD 6670 TVD 5230.44
 INC 89.6 AZ 180.3

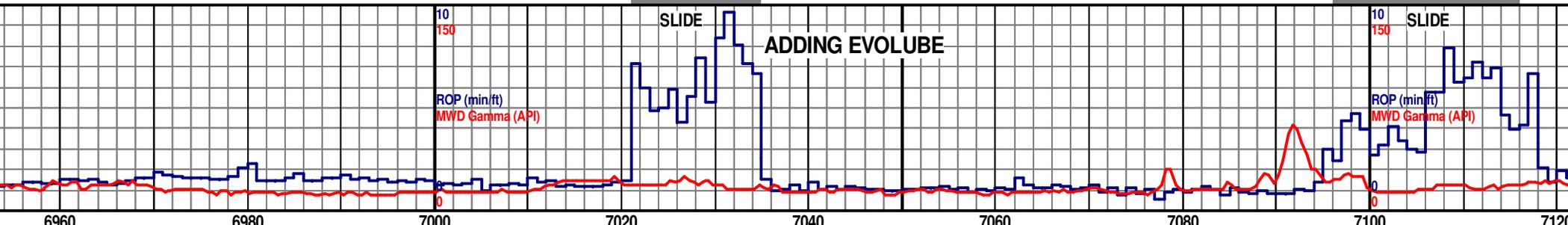
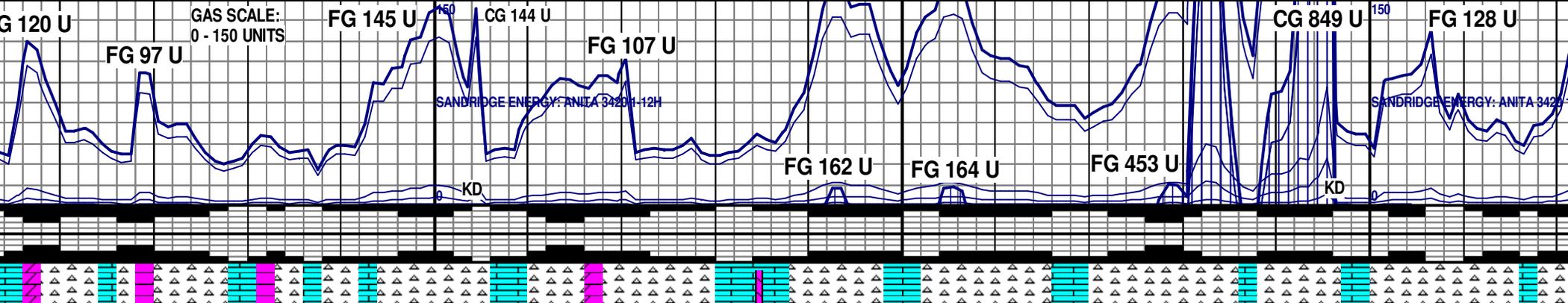
MD 6762 TVD 5230.52
 INC 90.3 AZ 180.3



DEPTH: 6800'	5180 TVD	DEPTH: 6900'	5180 TVD
WOB: 32.6K	Sub Sea (-3366)	WOB: 13.8K	Sub Sea (-3366)
RPM: 69		RPM: 64	
SPM: 65		SPM: 65	
PSI: 1815		PSI: 1896	
GPM: 267		GPM: 266	

IE TAN, MIC T, INTRXLN CHT, FRAC MIN FLOR, BLU WH FLASH	65% LS: CRM-TAN, ABUN OFF WH, MIC FN XLN, MOD-V FRM, BRTL, DOL CMT, INTRXLN-FRAC POR, 35% OFF WH-WH CHT, ABUN CLR CHT, OCC OPQ CHT, V FN-SMTH TXT, FRAC POR, SCAT YEL GLD FLOR, PURP WH MIN FLOR, FNT-MOD BRI BLU WH FLASH CUT, THN INCRS MOD BRI BLU WH-GRN WH RES RING	55% LS: CRM-OFF WH, SME TAN, MIC FN-V FN XLN, MOD FRM, BRTL, DOL CMT, INTRXLN POR, 45% OFF WH-WH CHT, ABUN CLR CHT, V FN-SMTH TXT, FRAC POR, TR PP VUG POR, INCRS OFF WH DOL, SCAT YEL GLD FLOR, PURP WH MIN FLOR, MOD BRI BLU WH FLASH CUT, THN MOD BRI BLU WH-GRN WH RES RING	MD 6946 TVD INC 92.7 AZ
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MD 6854 TVD 5228.35 INC 92.4 AZ 179.9	65% LS: CRM-OFF WH, ABUN LT TAN, MIC FN XLN, MOD-SLI FRM, BRTL, DOL CMT, PRED FRAC POR, ABUN INTRXLN POR, 30% WH-OFF WH CHT, ABUN CLR CHT, OCC OPQ CHT, FRAC POR, TR PP VUG POR, 5% OFF WH-WH DOL, PURP WH MIN FLOR, SCAT TR YEL-YEL GLD FLOR, SLI INCRS BLU WH FLASH CUT, MOD THK INCRS MLKY YEL RES RING
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6960 6980 7000 7020 7040 7060 7080 7100 7120

DEPTH: 7000'
 WOB: 14.8K
 RPM: 68
 SPM: 65
 PSI: 2001
 GPM: 267

MD 5224.26
 INC 179.9

60% CHT: PRED OFF WH-WH, SME CLR, SMTH-V FN TXT, MOD-V FRM, ABUN HD, FRAC-PP VUG POR, 30% OFF WH-CRM LS, MIC FN XLN, TR CRYPTO XLN, SLI-MOD FRM, BRTL, DOL CMT, FRAC-INTRXLN POR, 10% CRM-OFF WH DOL, INTRXLN POR, ABUN YEL WH-ORNG FLOR, TR YEL GLD FLOR, BLU WH FLASH CUT, MOD THK YEL-MLKY YEL RES RING

5180 TVD
 Sub Sea (3366)

5220
 2100

MD 7039 TVD 5219.17
 INC 92.9 AZ 179.8

65% CHT: PRED OFF WH-WH, ABUN CLR, TR OPQ, V FN-INCRS SMTH TXT, SUBANG, HD, FRAC-PP VUG POR, 30% CRM LS, SME TAN LS, INTRXLN POR, SME PP VUG-FRAC POR, 5% OFF WH-CRM DOL, ABUN BRI YEL WH-WH FLOR, SME ORNG FLOR, BRI BLU-BLU WH FLASH CUT, THN BRI SPTTY BLU WH RES RING

MUD CK @ 7082'
 MW: 8.7
 FV: 28
 SOLIDS: 2%
 WATER: 98%
 PH: 9.5
 CHL: 42000
 HARD: 120

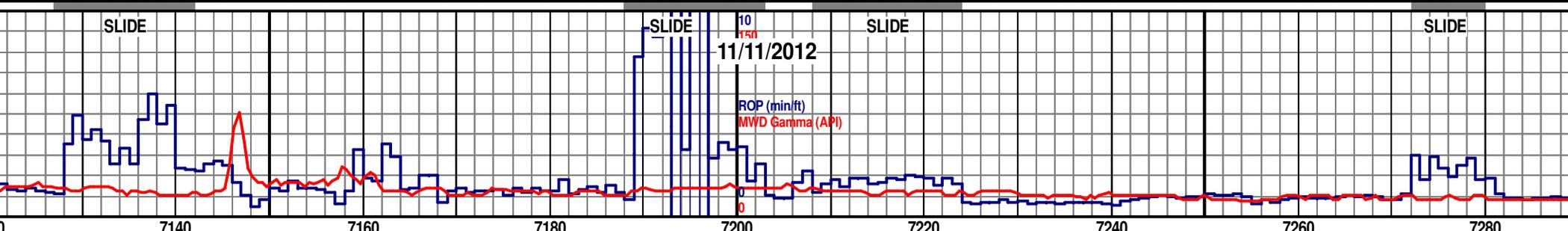
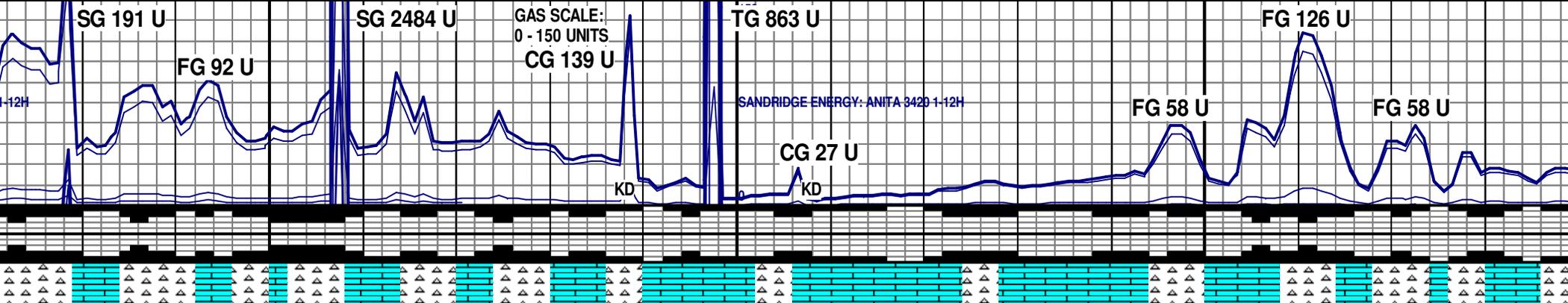
MD 7069 TVD 5218.14
 INC 93.1 AZ 179.6

75% CHT: PRED OFF WH-WH, ABUN CLR, SME OPQ-DUL CRM, V FN TXT, TR SMTH-FN TXT, SUBRND-SUBANG, HD, FRAC-PP VUG POR, 25% DECRS CRM-TAN LS, INTRXLN POR, ABUN FRAC POR, ABUN BRI YEL WH-WH FLOR, BRI BLU-BLU WH FLASH CUT, MOD THK BRI SPTTY YEL WH-INCRS BLU WH RES RING

DEPTH: 7100'
 WOB: 75.9K
 RPM: 4
 SPM: 67
 PSI: 1988
 GPM: 277

MD 7100 TVD 5216.55
 INC 92.8 AZ 179.9

60% CHT: PRED OFF WH-WH, SME SUBANG, SME SUBANG POR, TR VUG POR, 40% MIC FN-V FN XLN, TR F DOL CALC CMT, INTRX ABUN BRI YEL WH-WH WH FLOR, BLU-BLU WH WH FLOR, BLU-BLU WH WH INCRS GRN W



TOOH @ 7,197' FOR NEW MOTOR & NB #7: HALLIBURTON PDC; JETS: 6-14'S BIT #6 DRILLED 489' IN 16.5 HRS

5180 TVD
Sub Sea (-3366)

DEPTH: 7200'
WOB: 13.5K
RPM: 0
SPM: 67
PSI: 2408
GPM: 277

MD 7131 TVD 5215.17
INC 92.3 AZ 180.1

MD 7155 TVD 5214.12
INC 92.7 AZ 180.5

MD 7187 TVD 5212.59
INC 92.8 AZ 180.5

5220
(-3406)

MD 7219 TVD 5211.5
INC 91.1 AZ 181.9

MD 7251 TVD 5211.08
INC 90.4 AZ 182.1

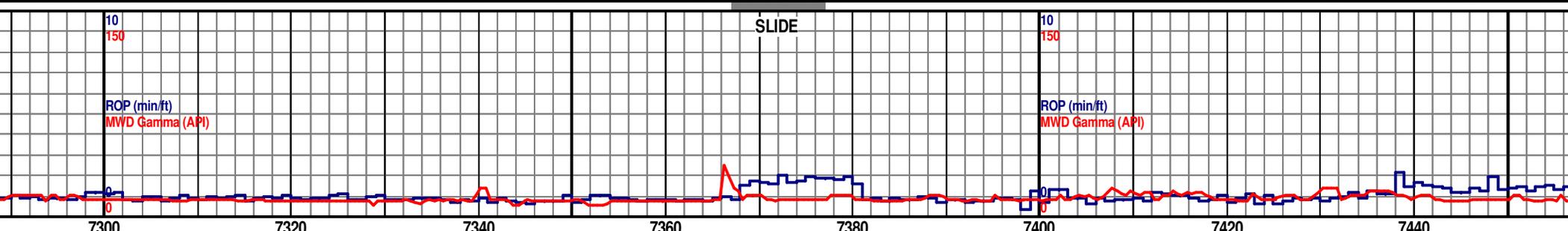
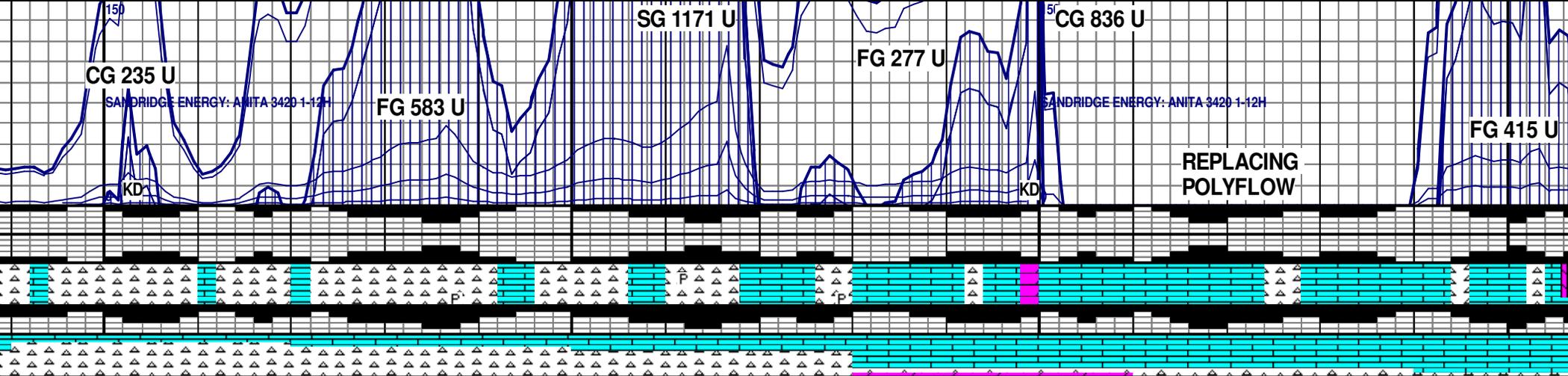
MD 7283
INC 89.7

WH-WH, ABUN CLR, V FN TXT,
G, V FRM-HD, PP VUG-FRAC
% CRM-TAN LS, SME OFF WH,
N XLN, SLI-MOD FRM, BRTL,
LN POR, ABUN FRAC POR,
FLOOR, SME BRI GRN WH-BLU
H FLASH CUT, THN BRI DECRS
H RES RING

60% LS: PRED CRM, ABUN OFF WH, MIC FN XLN, SME
CRYPTO XLN, MOD-V FRM, BRTL, INTRXLN POR, ABUN
FRAC POR, 40% DECRS OFF WH-WH CHT, SME CLR CHT,
PP VUG-FRAC POR, ABUN BRI YEL-YEL WH FLOOR, SME
BRI ORNGISH FLOOR, BLU-BLU WH FLASH CUT, THN FNT
MLKY BLU WH RES RING

70% LS: PRED CRM, ABUN OFF WH, MIC FN-V FN
XLN, SLI-MOD FRM, BRTL, TR FRI, FRAC POR,
SME INTRXLN POR, 30% OFF WH-WH CHT, ABUN
CLR CHT, FRAC POR, TR PP VUG POR, ABUN YEL
GLD-YEL WH FLOOR, BLU FLASH CUT, MOD THK
FNT MLKY BLU WH RES RING

65% CHT: PRED OFF WH-WH, ABUN CLR, V FN
ABUN SMTH TXT, SHRP-ANG, ABUN SUBANG,
VUG-FRAC POR, TR VUG POR, 35% DECRS CR
WH LS, INTRXLN POR, ABUN FRAC POR, ABUN
GLD-YEL WH FLOOR, BLU-SLI YEL FLASH CUT,
SPTTY MLKY BLU WH RES RING



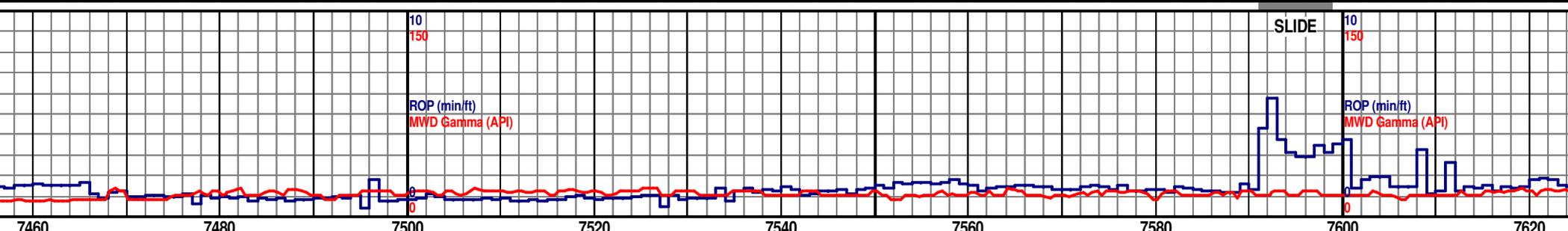
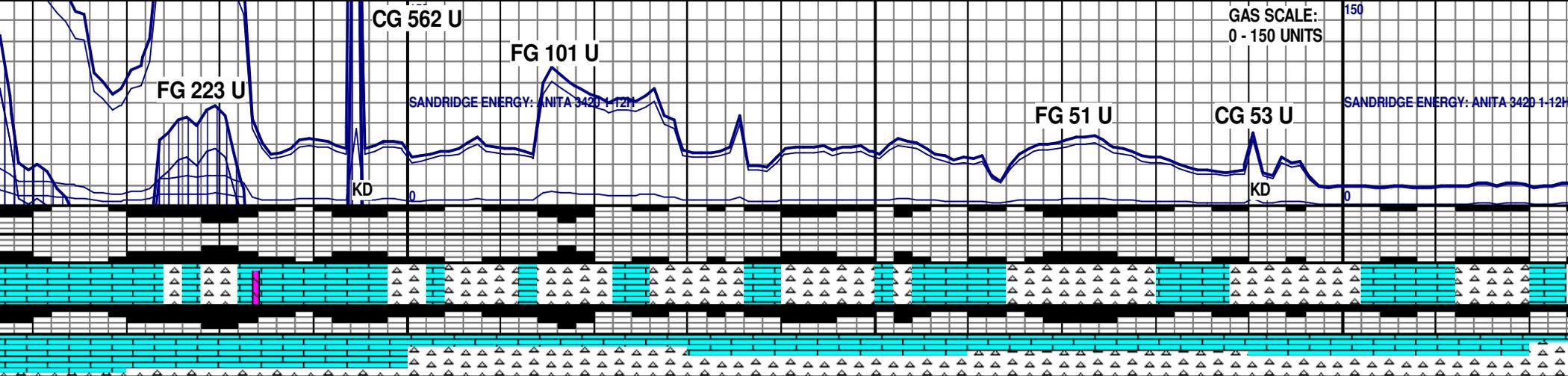
7300 7320 7340 7360 7380 7400 7420 7440

PTH: 7300' DB: 14.3K M: 53 M: 69 I: 2691 M: 281	5180 TVD Sub Sea (-3366)	MUD CK @ 7308' MW: 8.7 FV: 28 SOLIDS: 3% WATER: 97% PH: 9.5 CHL: 52000 HARD: 120	DEPTH: 7400' WOB: 17.5K RPM: 51 SPM: 71 PSI: 2832 GPM: 291	5180 TVD Sub Sea (-3366)
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TVD 5211.05 AZ 182.1	MD 7315 TVD 5211.11 INC 90.1 AZ 182.1	MD 7347 TVD 5211 INC 90.3 AZ 182.3	MD 7379 TVD 5211.41 INC 88.2 AZ 180.7	MD 7411 TVD 5212.59 INC 87.6 AZ 180.1	MD 7443 TVD 5213.9 INC 87.7 AZ 180.4
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5220 (-3406)				5220 (-3406)	
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75% CHT: PRED OFF WH-WH, ABUN CLR, V FN-FN TXT, TR SMTH TXT, SUBANG-ANG, SME SUBRND, V FRM-HD, TR PYR, FRAC POR, SME PP VUG POR, 25% CRM-TAN LS, SME OFF WH LS, FRAC POR, ABUN INTRXLN POR, ABUN YEL WH-WH FLOR, BLU-SLI BLU WH FLASH CUT, MOD THK FNT MLKY BLU RES RING	60% LS: PRED CRM, ABUN OFF WH, SME TAN, MIC FN XLN, SME V FN XLN, SLI-MOD FRM, BRTL, DECRS TR PYR, INTRXLN POR, ABUN FRAC POR, 35% OFF WH-WH CHT, ABUN CLR CHT, FRAC POR, TR PP VUG POR, 5% INCRS TR OFF WH DOL, YEL WH-INCRS GRN WH FLOR, BLU WH FLASH CUT, MOD THK-THK MLKY BLU WH-GRN WH RES RING	80% LS: PRED CRM-TAN, ABUN OFF WH, V FN-FN XLN, MOD-V FRM, BRTL, TR FRI, INTRXLN-FRAC POR, 20% OFF WH-WH CHT, ABUN CLR CHT, FRAC POR, SME PP VUG POR, SCAT OFF WH DOL, ABUN YEL WH-WH FLOR, TR BLU WH FLOR, BLU WH-INCRS BLU FLASH CUT, THN V BRI BLU WH RES RING
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DEPTH: 7500'
 WOB: 18.1K
 RPM: 43
 SPM: 69
 PSI: 2822
 GPM: 285

5180 TVD
 Sub Sea (-3366)

DEPTH: 7600'
 WOB: 33.6K
 RPM: 0
 SPM: 69
 PSI: 2577
 GPM: 284

5180 TVD
 Sub Sea (-3366)

MD 7475 TVD 5215.02
 INC 88.3 AZ 180.4

5220
 (-3406)

MD 7538 TVD 5216.28
 INC 89.4 AZ 181.5

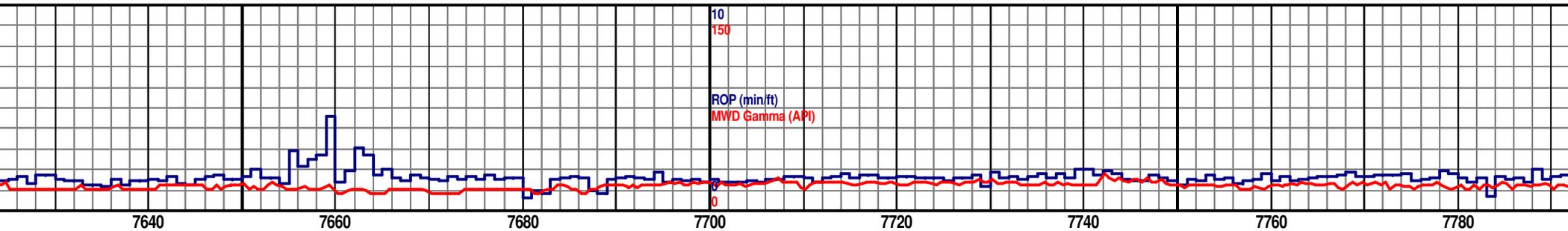
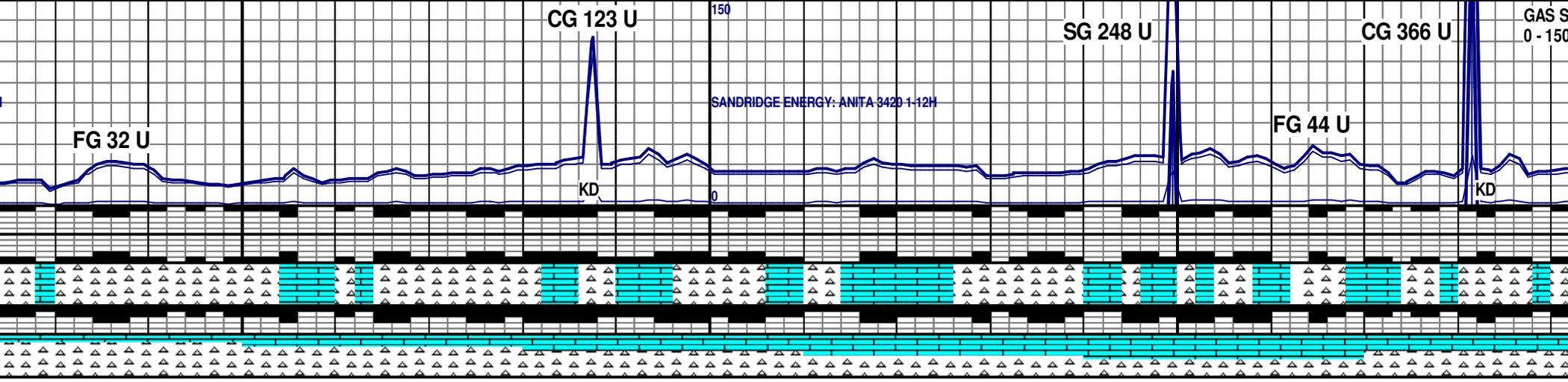
5220 (MD 7602 TVD 5217.51)
 (-3411) INC 88.4 AZ 180.5

5% LS: PRED CRM, ABUN TAN, SME OFF WH, MIC
 N-DECRS V FN XLN, SLI-MOD FRM, TR V FRM, BRTL,
 INTRXLN POR, ABUN FRAC POR, 15% SLI INCRS OFF
 WH-WH CHT, ABUN CLR CHT, FRAC POR, TR PP VUG
 POR, SCAT OFF WH DOL, ABUN YEL WH-WH FLOR, TR
 BLU WH-YEL FLOR, BRI BLU WH FLASH CUT, THN BRI
 SPTTY BLU WH RES RING

65% CHT: PRED OFF WH-WH, ABUN CLR, V FN-FN TXT,
 TR SMTH TXT, SUBAND-SUBANG, SME CHNKY, HD,
 PRED FRAC POR, SME PP VUG POR, 35% INCRS CRM
 LS, SME OFF WH-TAN LS, INTRXLN-FRAC POR, PRED
 BLU WH-YEL WH FLOR, TR WH FLOR, FNT BLU BLMNG
 FLASH CUT, THN FNT MLKY BLU RES RING

60% CHT: PRED OFF WH, ABUN WH-CLR, SMTH-V FN TXT,
 SUBANG-ANG, SME SUBRND, V FRM-HD, FRAC-DECRS PP
 VUG POR, 40% SLI DECRS CRM LS, SME OFF WH-TAN LS,
 INTRXLN-FRAC POR, BLU WH-YEL WH FLOR, TR WH-YEL
 FLOR, FNT BLU-SLI BLU WH BLMNG FLASH CUT, THN
 SPTTY MLKY YEL RES RING

65% CHT: PRED OFF WH,
 FN-SMTH TXT, SUBANG-S
 FRM, FRAC POR, TR PP V
 WH LS, SME TAN LS, INTF
 WH-INCRS PURP WH FLO
 INCRS MOD BRI BLU WH
 MLKY YEL WH RES RING



DEPTH: 7700'
 WOB: 22.3K
 RPM: 40
 SPM: 99
 PSI: 2763
 GPM: 407

5180 TVD
 Sub Sea (43366)

DEPTH:
 WOB:
 RPM:
 SPM:
 PSI: 2
 GPM:

MD 7634 TVD 5218.4
 INC 88.4 AZ 180

5220
 MD 7698 TVD 5220.19
 INC 88.4 AZ 179.7

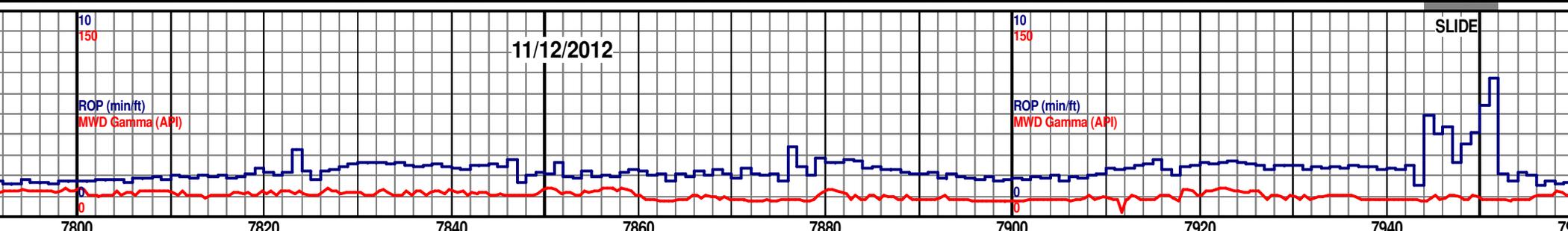
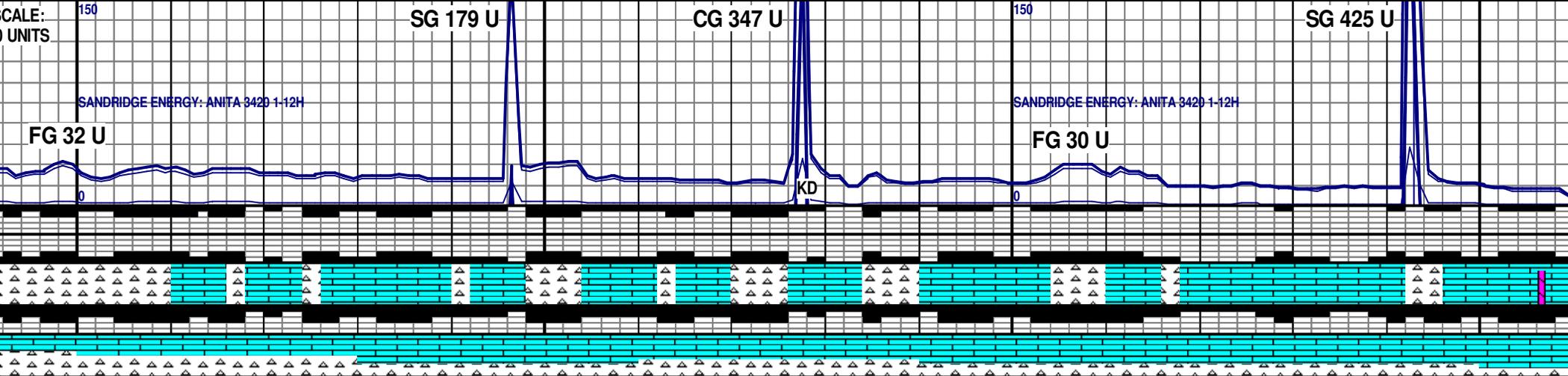
MD 7730 TVD 5221.14
 INC 88.2 AZ 179.4

ABUN CLR, OCC WH, V
 UBRND, ABUN ANG, V
 UG POR, 35% CRM-OFF
 RXLN-FRAC POR, BLU
 R, SCAT YEL WH FLOOR,
 BLMNG FLASH CUT, THN

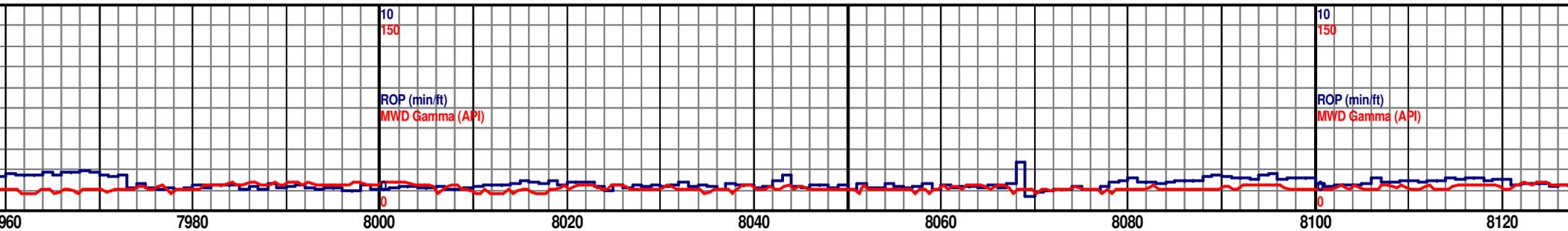
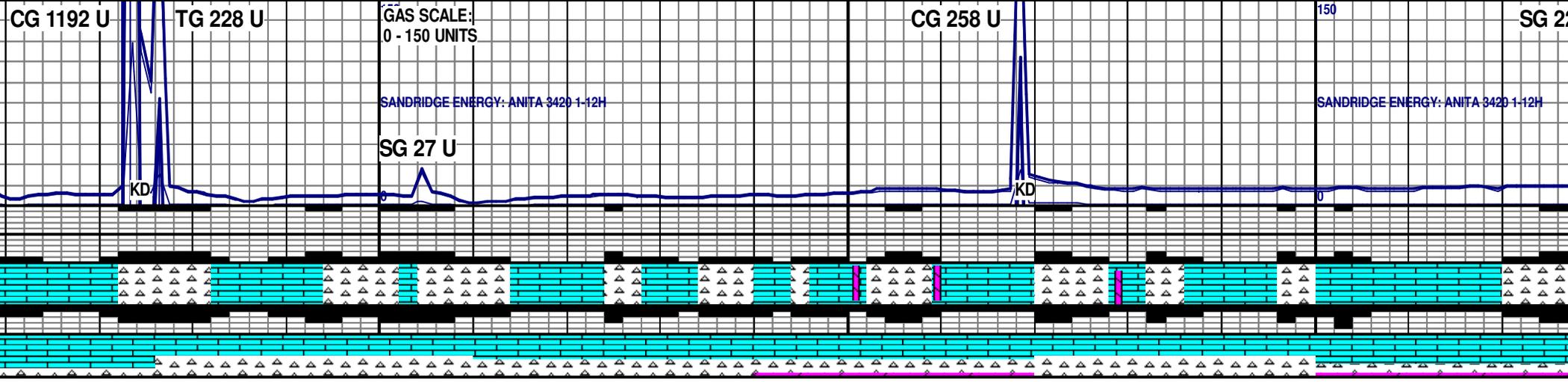
65% CHT: OFF WH-CRM, ABUN CLR, SME WH,
 SMTH-V FN TXT, SUBANG-ANG, SUBRND, V
 FRM-HD, FRAC POR, 35% CRM-TAN LS, ABUN OFF
 WH LS, INTRXLN-FRAC POR, PURP WH FLOOR,
 DECRS SCAT YEL WH FLOOR, MOD BRI BLU WH
 BLMNG FLASH CUT, THN YEL WH RES RING

50 LS: PRED CRM-OFF WH, SME TAN, MIC FN-V FN
 XLN, MOD-SLI FRM, BRTL, DOL CMT, INTRXLN POR,
 50% OFF WH-CRM CHT, ABUN CLR CHT, V FN-SMTH
 TXT, SUBANG-ANG, V FRM, FRAC POR, TR PP VUG
 POR, PURP WH-BLU WH FLOOR, SCAT YEL-YEL WH
 FLOOR, FNT-SLI BRI BLU WH BLMNG FLASH CUT, THN
 FNT-INCRS SLI BRI YEL WH RES RING

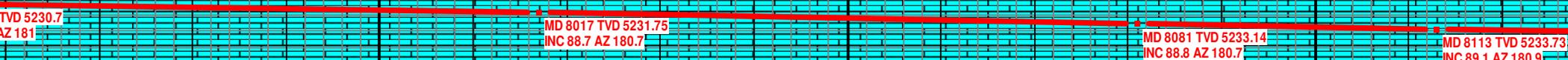
55% CHT: PRED OFF WH-CRM, ABUN CLR, V FN-
 TXT, SUBANG-ANG, SME SUBRND-SHARP, V FRM
 FRAC POR, TR PP VUG POR, 45% OFF WH-CRM
 SME TAN LS, INTRXLN POR, BLU WH-SLI PURP
 FLOOR, TR SCAT YEL WH LOR, SLI BRI BLU WH E
 FLASH CUT, THN MOD BRI YEL WH RES RING

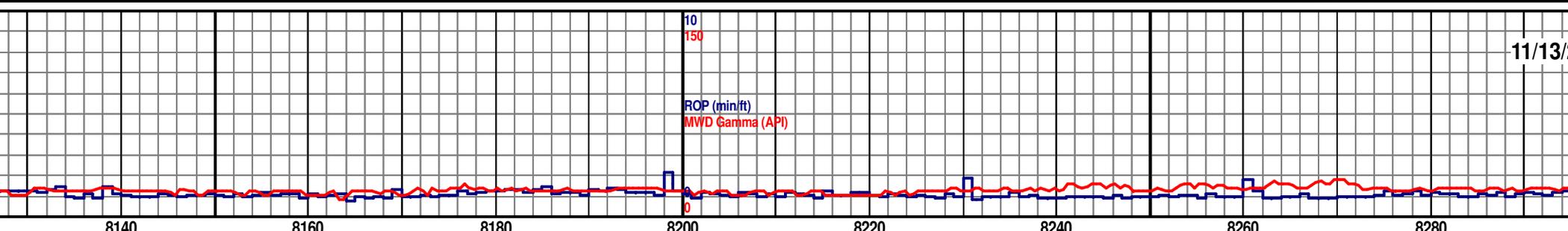
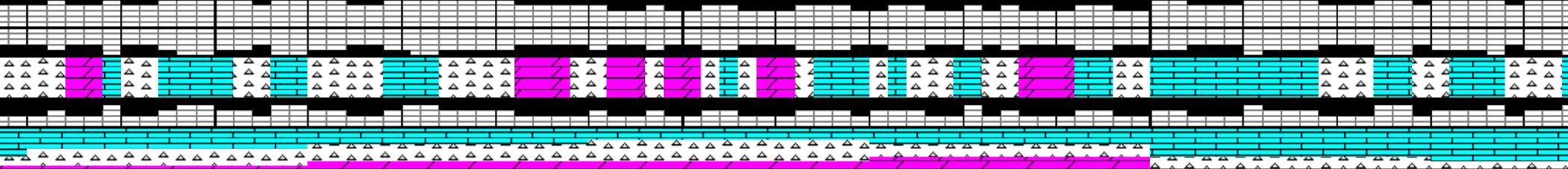
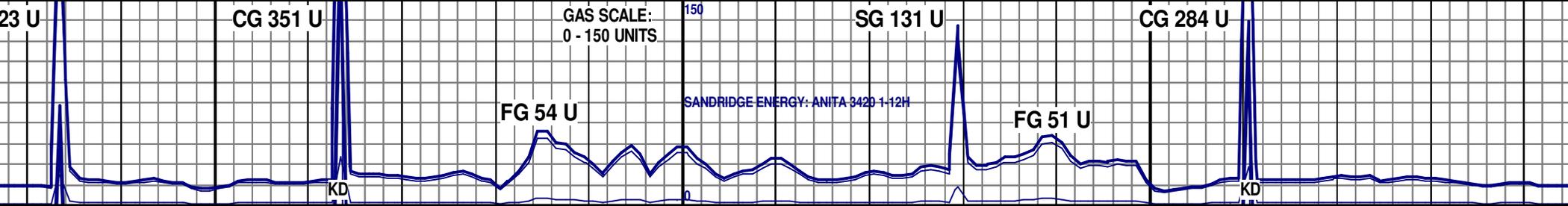


<p>4: 7800' 27.0K 41 96 819 395</p>	<p>5180 TVD Sub Sea (-3366)</p>	<p>DEPTH: 7900' WOB: 31.2K RPM: 42 SPM: 96 PSI: 2872 GPM: 395</p>	<p>5180 TVD Sub Sea (-3366)</p>	<p>TOOH @ 7,976' FOR NEW #8: HALLIBURTON EM64 JETS: 2-14'S & 4-16'S BIT #7 DRILLED 779' IN 2</p>
<p>SMTH WHD, LS, WH BLMNG</p>	<p>5220 (-3406)</p> <p>MD 7794 TVD 5223.04 INC 88.4 AZ 179.6</p> <p>60% LS: CRM-OFF WH, OCC TAN, MIC FN-V FN XLN, SLI-MOD FRM, BRTL, 40% OFF WH-CRM CHT, ABUN CLR-WH CHT, BLU WH-PURP WH FLOOR, TR SCAT YEL WH FLOOR, SLI BRI BLU WH BLMNG FLASH CUT, V THN YEL WH-SLI GRN WH RES RING</p>	<p>5220 (-3406)</p> <p>MD 7825 TVD 5223.93 INC 88.3 AZ 179.6</p> <p>65% LS: PRED CRM-OFF WH, SME TAN, MIC FN-V FN XLN, TR FN XLN, MOD FRM, BRTL, 35% OFF WH-LT CRM CHT, ABUN CLR CHT, SME WH CHT, BLU WH-PURP WH FLOOR, SLI BRI BLU WH BLMNG FLASH CUT, V THN YEL WH-GRN WH RES RING</p>	<p>5220 (-3406)</p> <p>MD 7889 TVD 5226.83 INC 86.5 AZ 179.6</p> <p>70% LS: PRED OFF WH-CRM, SME TAN, MIC FN-V FN XLN, SME CRYPTO XLN, MOD-V FRM, BRTL, INTRXLN POR, ABUN FRAC POR, 30% OFF WH-WH CHT, ABUN CLR CHT, FRAC POR, TR PP VUG POR, SCAT YEL-YEL WH FLOOR, TR YEL GLD FLOOR, BLU-DECRS BLU WH FLASH CUT, THN-DECRS MOD THK MLKY BLU WH RES RING</p>	<p>5220 (-3406)</p> <p>MD 7921 TVD 5228.7 INC 86.8 AZ 179.5</p> <p>65% LS: XLN, S CMT, IN WH-WH VUG PO FLOOR, BLU WH</p> <p>MD 7953 INC 88.3</p>



Well	Depth	WOB	RPM	SPM	PSI	GPM	Log Description
MD 8000	8000'	19.4K	54	68	2563	277	60% LS: PRED CRM-OFF WH, SME TAN-SLI GYTAN, MIC FN XLN, SME CRYPTO-V FN XLN, MOD FRM, BRTL, DOL CMT, INTRXLN POR, 40% OFF WH-WH CHT, ABUN CLR CHT, FRAC POR, TR PP VUG POR, PURP WH MIN FLOR, TR YEL FLOR, V FNT BLU-SLI BLU WH WLTNG CUT, THN FNT BLU WH RES RING
MD 8100	8100'	18.7K	55	81	2656	333	55% LS: PRED CRM-TAN, ABUN OFF WH, MIC FN-CRYPTO XLN, ABUN V FN XLN, MOD FRM, BRTL, DOL CMT, INTRXLN-FRAC POR, 45% OFF WH-CLR CHT, ABUN WH CHT, FRAC POR, OCC PP VUG POR, PURP WH MIN FLOR, TR SCAT YEL-YEL WH FLOR, V FNT BLU WLTNG CUT, FNT V THN BLU WH RES RING
MD 8113	8113'	-	-	-	-	-	65% LS: PRED CRM-OFF WH, MIC FN XLN, SME CRYPTO XLN, MOD FRM, BRTL, DOL CMT, INTRXLN-FRAC POR, 25% OFF WH-CLR CHT, FRAC POR, SME WH-WH DOL, PURP WH FLOR, V FNT BLU WH RES RING





11/13/

8140 8160 8180 8200 8220 8240 8260 8280

DEPTH: 8200
 WOB: 17.8K
 RPM: 56
 SPM: 92
 PSI: 2766
 GPM: 378

5180 TVD
 Sub Sea (-3366)

DEPTH: 83
 WOB: 21.0
 RPM: 56
 SPM: 92
 PSI: 2805
 GPM: 378

H, SME TAN, MIC FN-V
 I, MOD FRM, BRTL, DOL
 F WH-WH CHT, ABUN
 PPP VUG POR, 10% OFF
 POR, FNT BLU WH CUT,

45% CHT: OFF WH-WH, ABUN CLR-OPQ, V
 FN-SMTH TXT, SUBANG-ANG, V FRM, FRAC-PP
 VUG POR, 40% OFF WH-CRM LS, INTRXLN POR,
 15% OFF WH-WH DOL, PURP WH FLOR,
 FNT-INCRS MOD BRI BLU WH CUT, FNT-SLI BRI
 BLU WH RES RING

40% CHT: OFF WH-WH, ABUN CLR-CRM, V FN TXT,
 SUBANG-ANG, V FRM-HD, FRAC POR, OCC PP VUG
 POR, 35% OFF WH-CRM LS, SME TAN LS, INTRXLN
 POR, 25% OFF WH-WH DOL, INTRXLN-TR PP VUG POR,
 BLU WH FLOR, SCAT YEL WH FLOR, MOD BRI BLU WH
 CUT, V FNT THN BLU WH RES RING

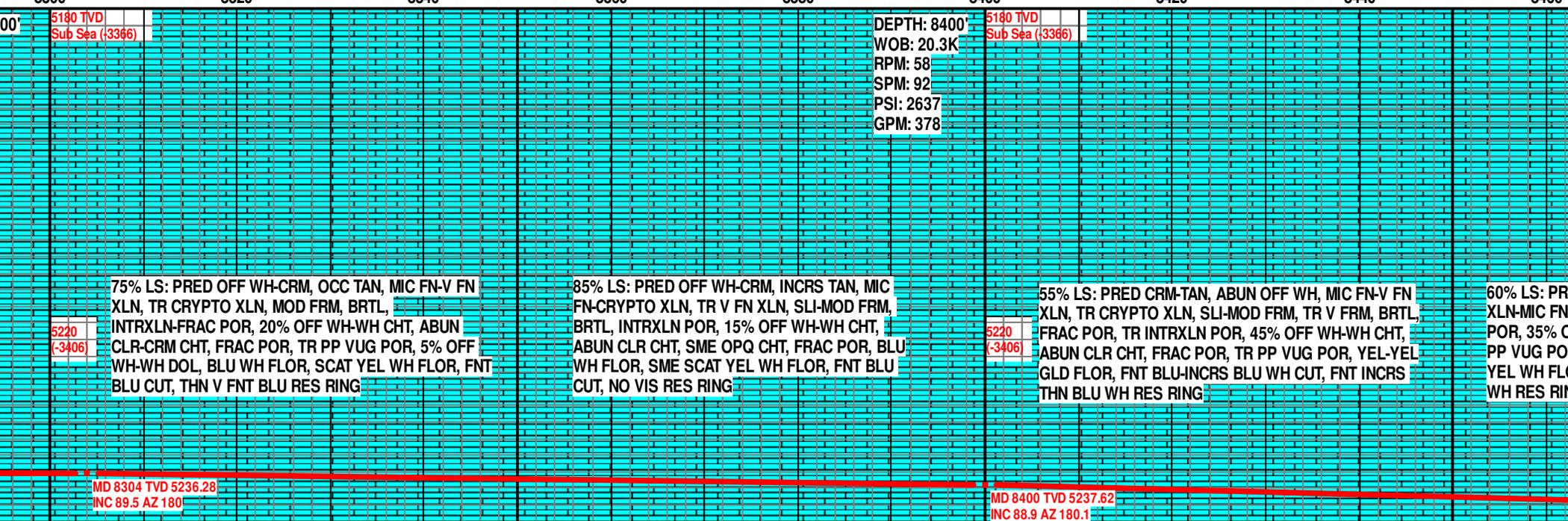
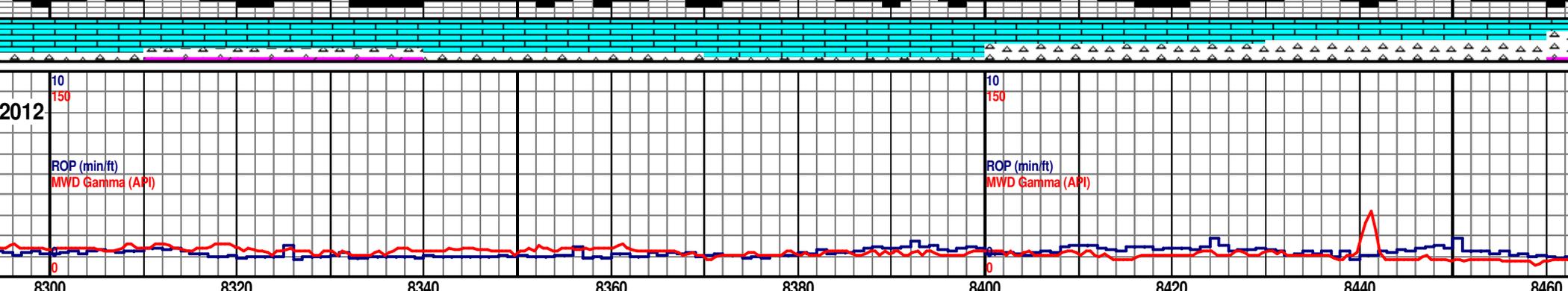
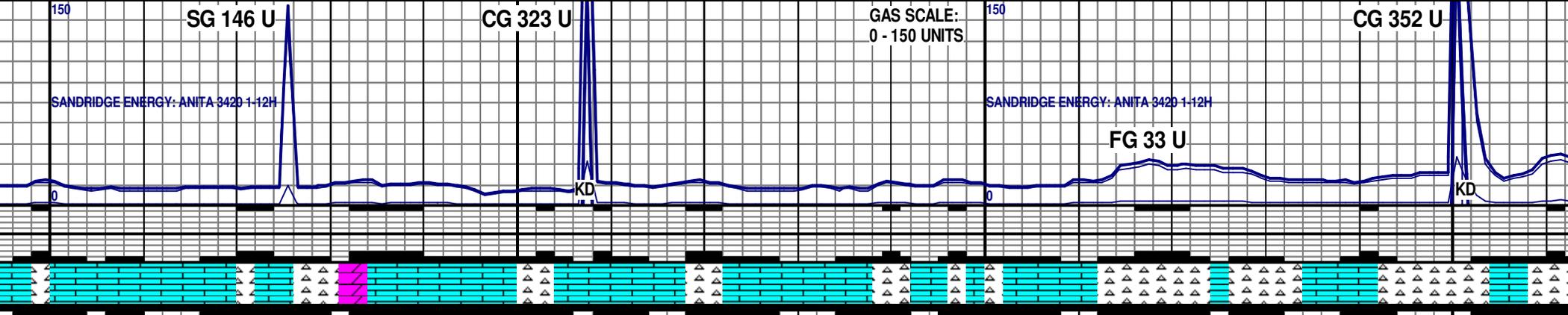
75% LS: OFF WH-CRM, SME TAN, MIC FN-V FN
 XLN, SME CRYPTO XLN, MOD-SLI FRM, BRTL,
 INTRXLN POR, 25% OFF WH-WH CHT, ABUN
 CLR-CRM CHT, FRAC POR, TR PP VUG POR,
 BLU WH FLOR, SCAT YEL WH FLOR, FNT BLU
 WH CUT, NO VIS RES RING

MD 8176 TVD 5234.88
 INC 88.8 AZ 180.6

MD 8208 TVD 5235.39
 INC 89.4 AZ 180.5

MD 8272 TVD 5236
 INC 89.5 AZ 180

5220
 (-3406)



75% LS: PRED OFF WH-CRM, OCC TAN, MIC FN-V FN
XLN, TR CRYPTO XLN, MOD FRM, BRTL,
INTRXLN-FRAC POR, 20% OFF WH-WH CHT, ABUN
CLR-CRM CHT, FRAC POR, TR PP VUG POR, 5% OFF
WH-WH DOL, BLU WH FLOR, SCAT YEL WH FLOR, FNT
BLU CUT, THN V FNT BLU RES RING

85% LS: PRED OFF WH-CRM, INCRS TAN, MIC
FN-CRYPTO XLN, TR V FN XLN, SLI-MOD FRM,
BRTL, INTRXLN POR, 15% OFF WH-WH CHT,
ABUN CLR CHT, SME OPQ CHT, FRAC POR, BLU
WH FLOR, SME SCAT YEL WH FLOR, FNT BLU
CUT, NO VIS RES RING

55% LS: PRED CRM-TAN, ABUN OFF WH, MIC FN-V FN
XLN, TR CRYPTO XLN, SLI-MOD FRM, TR V FRM, BRTL,
FRAC POR, TR INTRXLN POR, 45% OFF WH-WH CHT,
ABUN CLR CHT, FRAC POR, TR PP VUG POR, YEL-YEL
GLD FLOR, FNT BLU-INCRS BLU WH CUT, FNT INCRS
THN BLU WH RES RING

60% LS: PR
XLN-MIC FN
POR, 35% C
PP VUG PO
YEL WH FL
WH RES RIN

FG 129 U

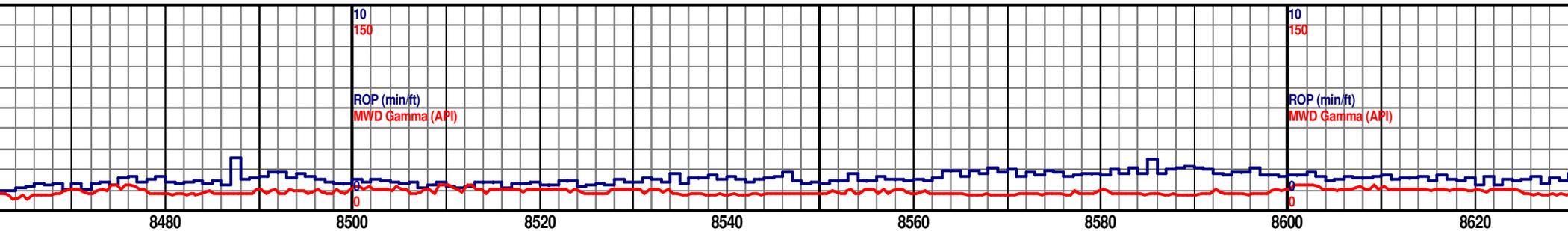
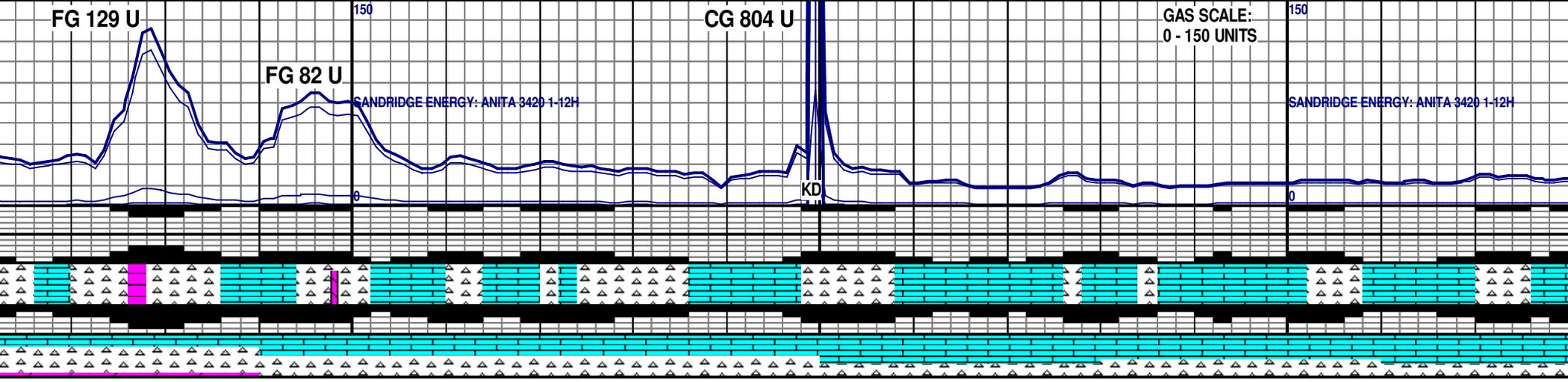
CG 804 U

GAS SCALE:
0 - 150 UNITS

FG 82 U

SANDRIDGE ENERGY: ANITA 3420 1-12H

SANDRIDGE ENERGY: ANITA 3420 1-12H



8480

8500

8520

8540

8560

8580

8600

8620

DEPTH: 8500'
 WOB: 32.8K
 RPM: 56
 SPM: 92
 PSI: 2793
 GPM: 378

5180 TVD
 Sub Sea (-3366)

DEPTH: 8600'
 WOB: 26.3K
 RPM: 41
 SPM: 92
 PSI: 2830
 GPM: 378

5180 TVD
 Sub Sea (-3366)

ED CRM-OFF WH, SME TAN-MOTT, CRYPTO
 XLN, MOD-V FRM, BRTL, INTRXLN-FRAC
 OFF WH-WH CHT, SME CLR CHT, FRAC-INCRS
 R, 5% OFF WH DOL, YEL-YEL GLD FLOR, TR
 OR, BLU WH FLASH CUT, THN BRI MLKY BLU
 NG

50% LS: PRED CRM-OFF WH, DECRS TR TAN, V
 FN-FN XLN, TR MIC FN XLN-CRYPTO XLN, SLI-MOD
 FRM, BRTL, HL FRAC-FRAC POR, SME INTRXLN
 POR, 50% OFF WH-WH CHT, ABUN CLR CHT,
 FRAC-PP VUG POR, DECRS YEL-YEL WH FLOR,
 SCAT YEL GLD FLOR, FNT BLU-SLI BLU WH CUT,
 THN FNT GRN-GRN WH RES RING

65% LS: PRED CRM-LT TAN, ABUN OFF WH, CRYPTO
 XLN-MIC FN XLN, MOD-V FRM, ABUN SLI FRM, BRTL,
 SME FRI, FRAC-HL FRAC POR, TR INTRXLN POR,
 35% OFF WH-WH-CLR CHT, FRAC POR, TR PP VUG
 POR, TR YEL-YEL GLD FLOR, FNT BLU-SLI BLU WH
 CUT, THN DECRS BRI GRN WH RES RING, INCRS FNT
 BLU WH RES RING

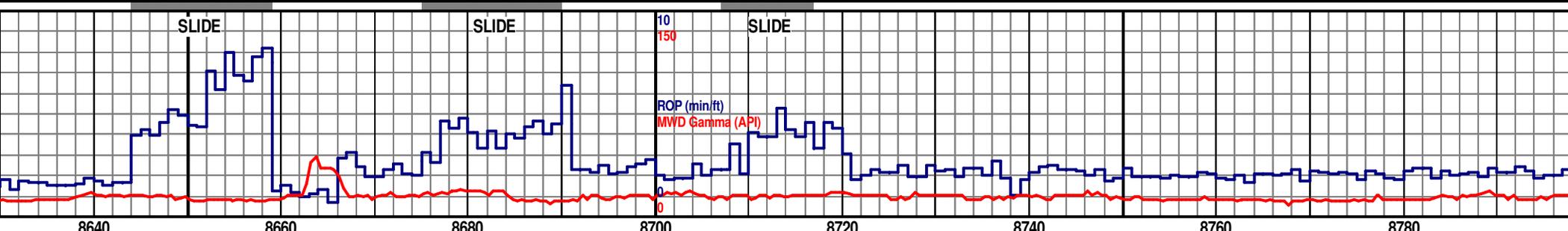
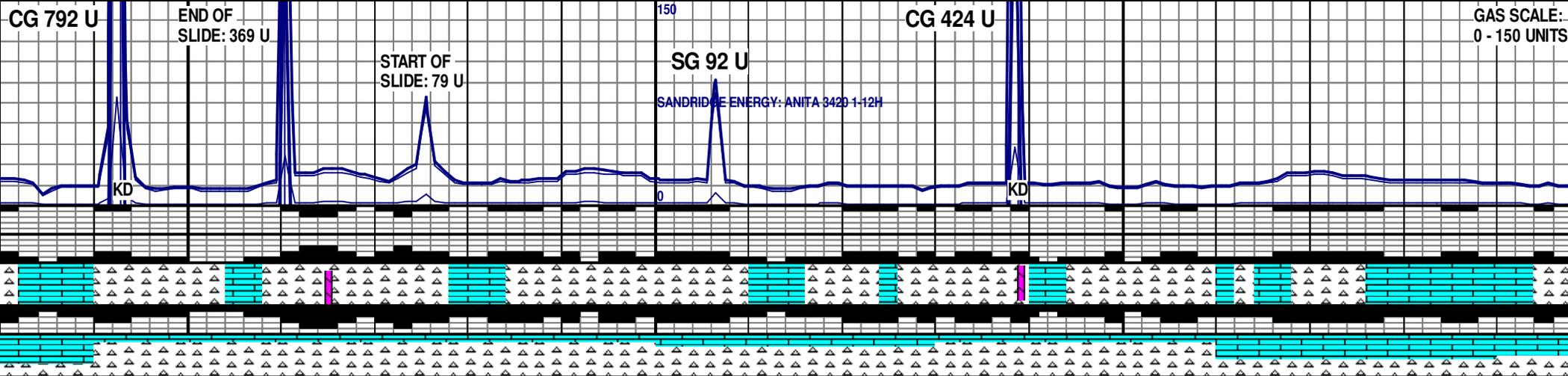
55% LS: PRED OFF WH-INCRS C
 FN-FN XLN, ABUN MIC FN XLN, S
 ABUN FRI, FRAC-INTRXLN POR,
 ABUN CLR CHT, FRAC POR, TR P
 YEL-YEL GLD FLOR, INCRS YEL
 BLU-INCRS BLU WH CUT, THN M

5220
 (-3406)

5220
 (-3406)

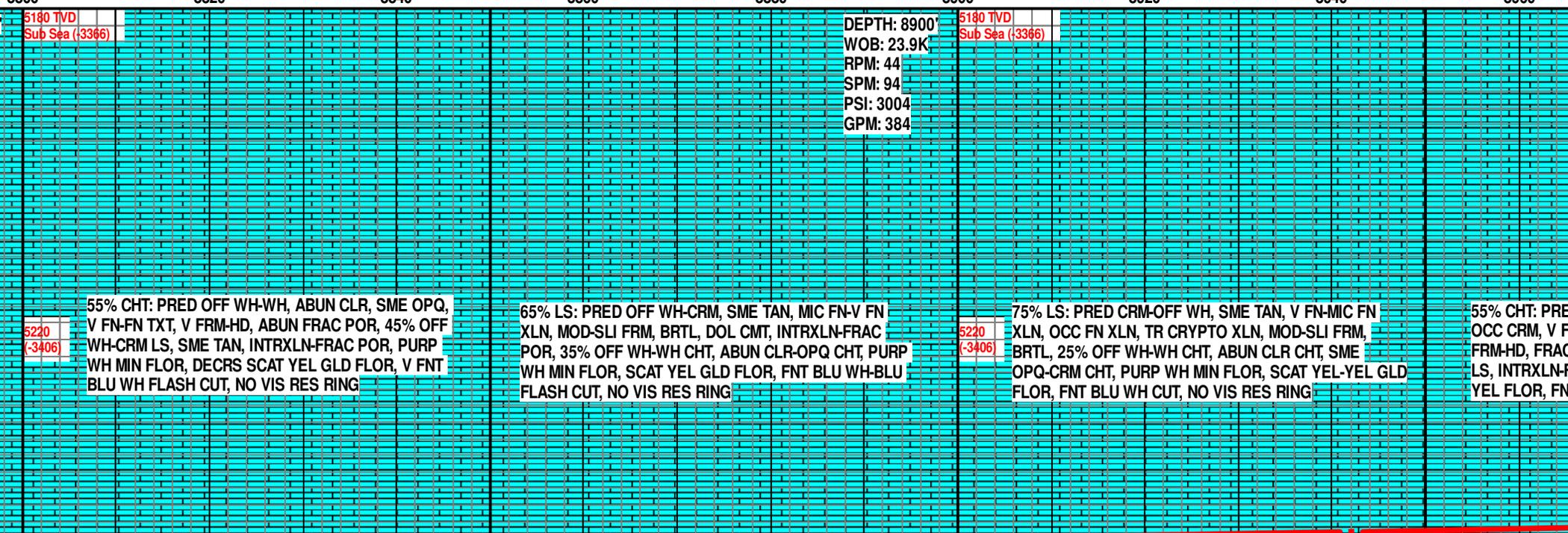
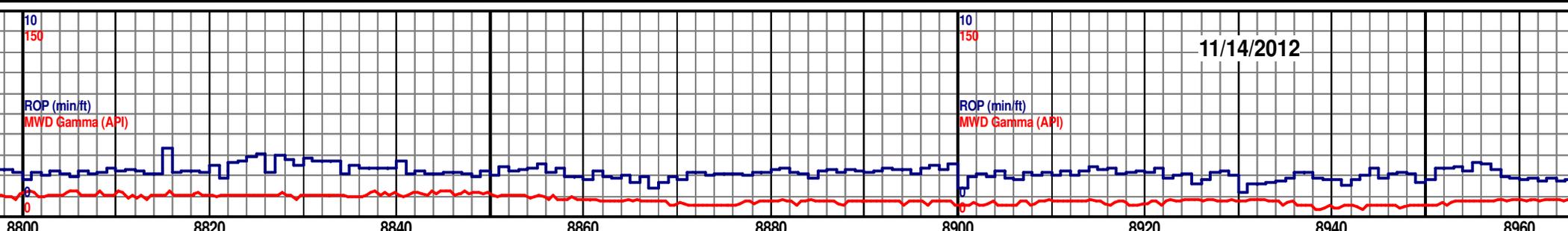
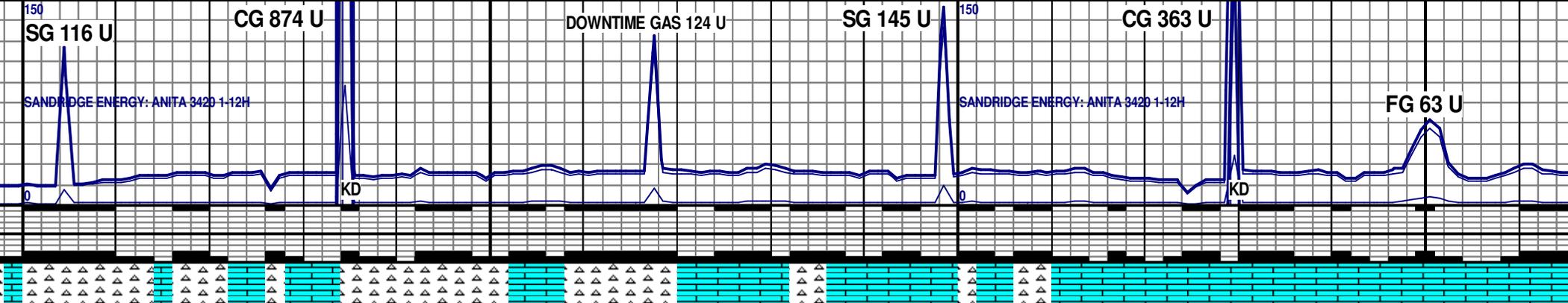
MD 8495 TVD 5240.27
 INC 87.9 AZ 179.9

MD 8591 TVD 5244.54
 INC 87 AZ 179.4



<p>DEPTH: 8700 WOB: 27.6k RPM: 40 SPM: 68 PSI: 2864 GPM: 278</p> <p>30% CHT: PRED OFF WH-WH, ABUN CLR, TR OPQ, V FN-FN TXT, SUBRND-SUBANG, V FRM-HD, FRAC POR, TR PP VUG POR, 20% OFF WH-CRM LS, TR TAN LS, FRAC POR, TR INTRXLN POR, ABUN YEL-YEL WH FLOR, TR YEL GLD FLOR, FNT BLU WH FLASH CUT, MOD THK MLKY BLU WH RES RING</p>	<p>DEPTH: 8700 5180 TVD Sub Sea (-3366)</p> <p>75% CHT: PRED OFF WH WH, ABUN CLR-OPQ, SME CRM, V FN TXT, SUBANG-SUBRND, ABUNANG, V FRM, DOL CMT, FRAC POR, 25% OFF WH-CRM LS, SME TAN LS, INTRXLN-FRAC POR, TR OFF WH DOL, PURP WH FLOR, YEL WH-YEL GLD FLOR, FNT BLU WH FLASH CUT, DECRS FNT DECRS THN BLU WH RES RING</p> <p>5220 (-3406)</p>	<p>DEPTH: 8800 WOB: 35.6K RPM: 55 SPM: 68 PSI: 2851 GPM: 277</p> <p>55% LS: PRED OFF WH-CRM, SME TAN, MIC FN-V FN XLN, MOD-SLI FRM, BRTL, DOL CMT, INTRXLN-FRAC POR, 45% OFF WH-WH CHT, ABUN CLR-OPQ CHT, FRAC POR, PURP WH MIN FLOR, YEL WH-YELFLOR, FNT BLU WH FLASH CUT, FNT V THN BLU WH RES RING</p>
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MD 8655 TVD 5247.45 INC 87.8 AZ 179.3 MD 8687 TVD 5248.17 INC 89.6 AZ 179.3 MD 8750 TVD 5247.13 INC 92.3 AZ 179.6 MD 8782 TVD 5246.12 INC 91.3 AZ 179.2



DEPTH: 8900'
 WOB: 23.9K
 RPM: 44
 SPM: 94
 PSI: 3004
 GPM: 384

5180 TVD
 Sub Sea (3366)

5180 TVD
 Sub Sea (3366)

5220
 (-3406)

55% CHT: PRED OFF WH-WH, ABUN CLR, SME OPQ, V FN-FN TXT, V FRM-HD, ABUN FRAC POR, 45% OFF WH-CRM LS, SME TAN, INTRXLN-FRAC POR, PURP WH MIN FLOR, DECRS SCAT YEL GLD FLOR, V FNT BLU WH FLASH CUT, NO VIS RES RING

65% LS: PRED OFF WH-CRM, SME TAN, MIC FN-V FN XLN, MOD-SLI FRM, BRTL, DOL CMT, INTRXLN-FRAC POR, 35% OFF WH-WH CHT, ABUN CLR-OPQ CHT, PURP WH MIN FLOR, SCAT YEL GLD FLOR, FNT BLU WH-BLU FLASH CUT, NO VIS RES RING

5220
 (-3406)

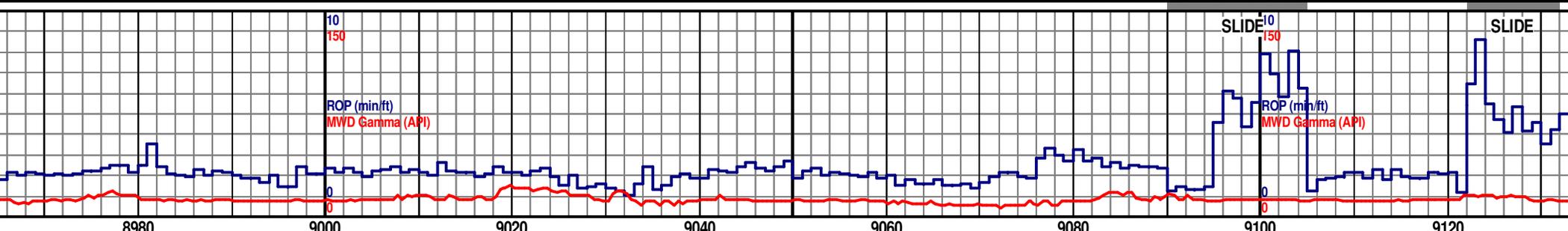
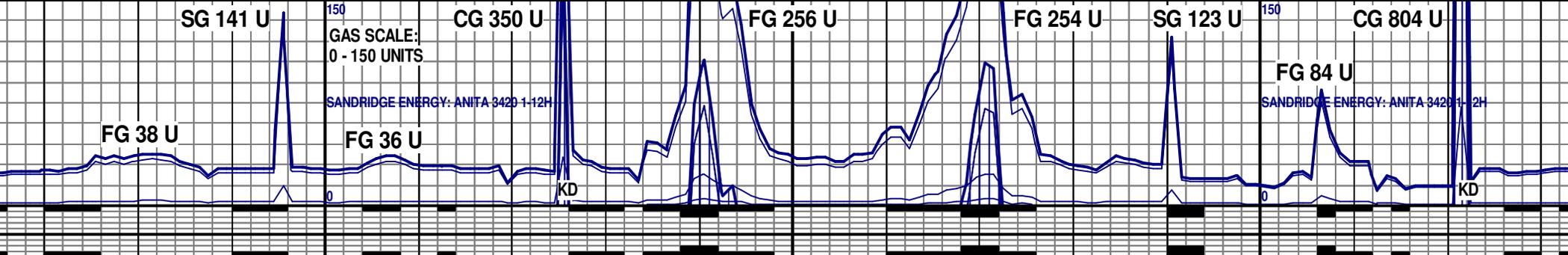
75% LS: PRED CRM-OFF WH, SME TAN, V FN-MIC FN XLN, OCC FN XLN, TR CRYPTO XLN, MOD-SLI FRM, BRTL, 25% OFF WH-WH CHT, ABUN CLR CHT, SME OPQ-CRM CHT, PURP WH MIN FLOR, SCAT YEL-YEL GLD FLOR, FNT BLU WH CUT, NO VIS RES RING

55% CHT: PRED OFF WH-WH, ABUN CLR, SME OPQ, V FN-FN TXT, V FRM-HD, ABUN FRAC POR, 45% OFF WH-CRM LS, SME TAN, INTRXLN-FRAC POR, PURP WH MIN FLOR, DECRS SCAT YEL GLD FLOR, V FNT BLU WH FLASH CUT, NO VIS RES RING

MD 8846 TVD 5245
 INC 90.7 AZ 178.5

MD 8878 TVD 5244.45
 INC 91.3 AZ 178.7

MD 8942 TVD 5243.22
 INC 90.9 AZ 178.3



DEPTH: 9000'
 WOB: 23.7K
 RPM: 48
 SPM: 93
 PSI: 2946
 GPM: 380

5180 TVD
 Sub Sea (-3366)

DEPTH: 9100'
 WOB: 8.1K
 RPM: 0
 SPM: 93
 PSI: 2963
 GPM: 382

5180 TVD
 Sub Sea (-3366)

MUD CK @ 9123
 MW: 8.5
 FV: 29
 SOLIDS: 3%
 WATER: 97%
 PH: 9.5
 CHL: 55000
 HARD: 120

ED OFF WH-WH, ABUN CLR, SME OPQ,
 N TXT, SUBANG-ANG, SME SUBRND, V
 C POR, 45% OFF WH-CRM, LS, SME TAN
 -FRAC POR, PURP WH MIN FLOR, SCAT
 IT BLU CUT, NO VIS RES RING

70% LS: PRED OFF WH-WH, ABUN INCRS CRM, V
 FN-MIC FN XLN, SME FN XLN, SFT-SLI FRM, FRI, ABUN
 BRTL, INTRXLN-FRAC POR, 30% OFF WH-WH CHT, SME
 CLR CHT, PP VUG POR, ABUN FRAC POR, INCRS TR
 OFF WH DOL, ABUN INCRS YEL-YEL WH FLOR, TR BLU
 WH FLOR, BLU-INCRS BLU WH SLO MLKY CUT, INCRS
 THN MLKY BLU WH RES RING

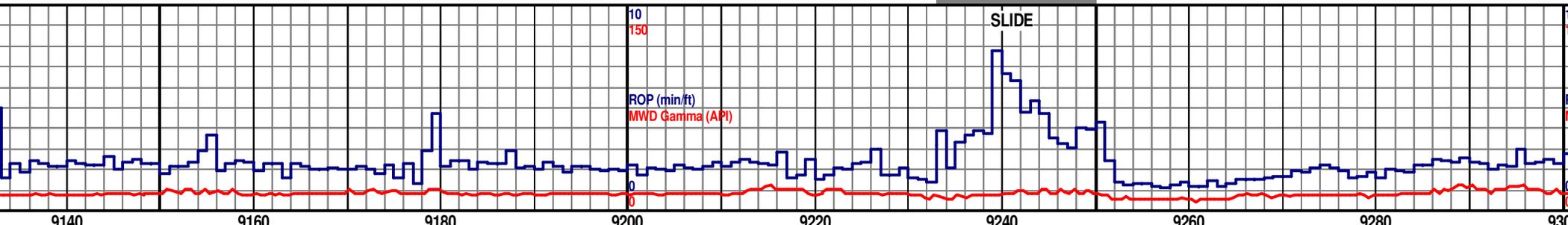
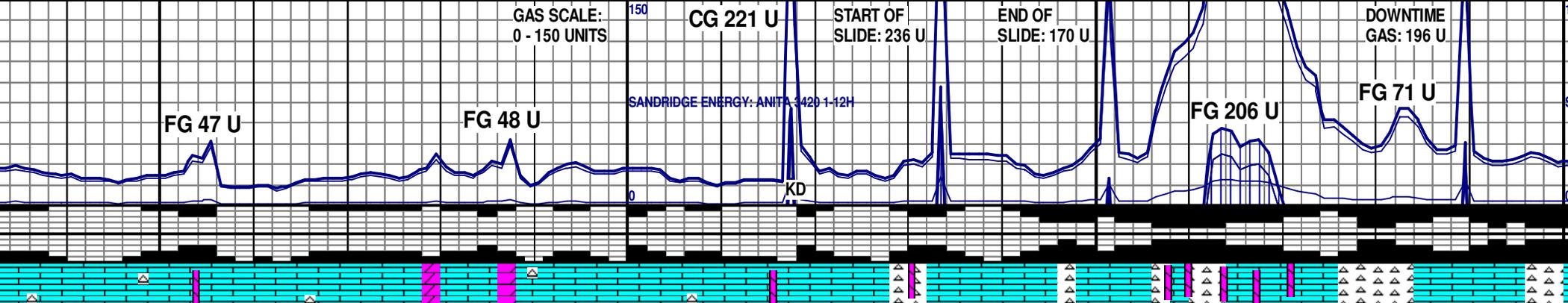
70% LS: PRED CRM, ABUN OFF WH, TR TAN, MIC FN-V
 FN XLN, SLI FRM, BRTL, SME FRI, FRAC-INTRXLN POR,
 30% OFF WH-WH CHT, TR CLR CHT, FRAC POR, ABUN
 PP VUG POR, SCAT OFF WH DOL, YEL-YEL GLD FLOR,
 TR YEL WH FLOR, BLU WH SLO CUT, THN FNT MLKY
 BLU WH RES RING

95% LS: PRED OFF WH-WH, ABUN
 FN XLN, TR FN XLN-CRYPTO XLN,
 BRTL, INTRXLN-FRAC POR, INCRS
 POR, 5% SLI DECRS OFF WH-WH
 CHT, SCAT DECRS YEL WH-WH FL
 FLOR, FNT BLU-SLI BLU WH FLAS
 MLKY BLU WH RES RING

MD 8974 TVD 5242.63
 INC 91.2 AZ 178.5

MD 9038 TVD 5242.35
 INC 89.3 AZ 178.5

MD 9101 TVD 5243.18
 INC 89.2 AZ 179



9140 9160 9180 9200 9220 9240 9260 9280 9300

DEPTH: 9200'
 WOB: 27.6K
 RPM: 40
 SPM: 68
 PSI: 3011
 GPM: 280

5180 TVD
 Sub Sea (-3386)

DEPTH: 9300'
 WOB: 25.9K
 RPM: 42
 SPM: 67
 PSI: 2803
 GPM: 275

CRM-MOTT, MIC
 SLI-MOD FRM,
 TR PP VUG
 CHT, ABUN CLR
 OR, TR YEL GLD
 H CUT, THN

95% LS: PRED OFF WH-WH, TR LT GY-CRM-MOTT,
 CRYPTO XLN-MIC FN XLN, TR FN XLN, SLI-MOD FRM,
 SME V FRM, BRTL, PRED FRAC POR, ABUN INTRXLN
 POR, TR PP VUG POR, 5% SLI INCRS OFF WH DOL,
 SCAT CLR-WH CHT, SCAT YEL WH-WH FLOR, FNT BLU
 WH FLASH CUT, THN BRI BLU WH RES RING

5220
 (-3406)

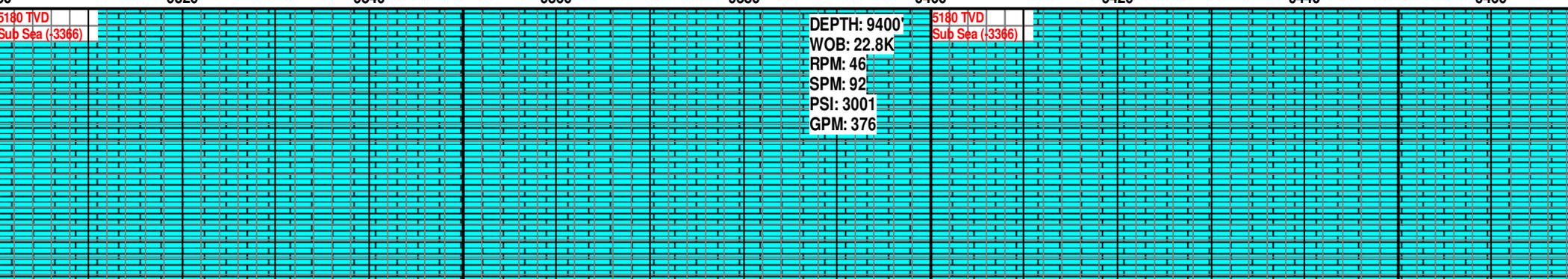
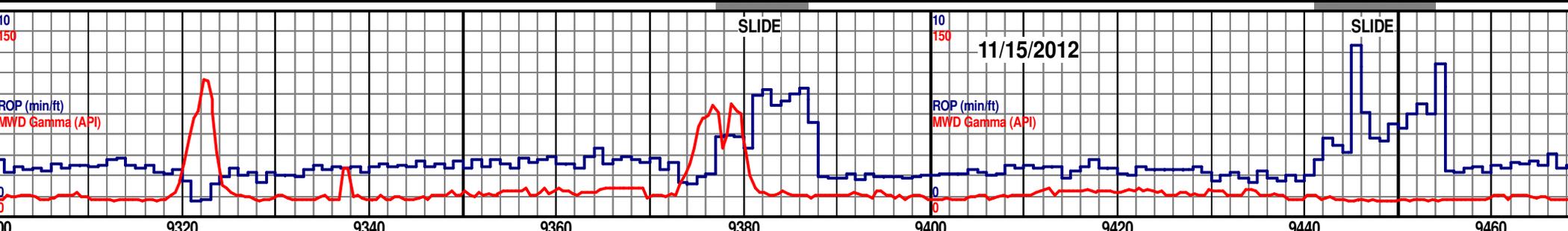
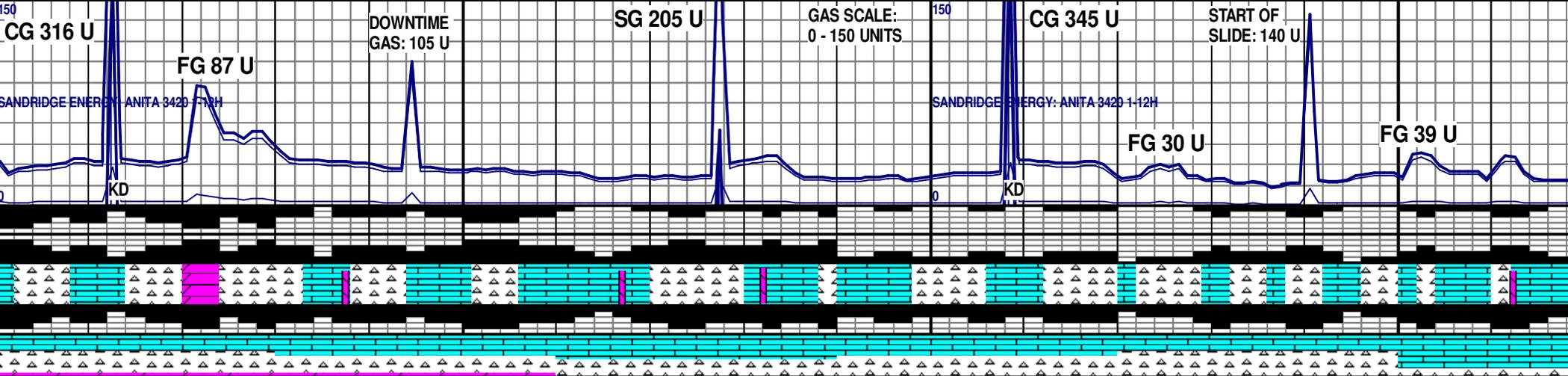
85% LS: PRED OFF WH-WH, SME CRM, TR LT GY, MIC
 FN-CRYPTO XLN, SME V FN XLN, SLI FRM, DOL CMT,
 FRAC-INTRXLN POR, TR PP VUG POR, BRTL, 10% OFF
 WH-WH CHT, ABUN CLR CHT, FRAC-PP VUG POR, 5%
 WH-OFF WH DOL, YEL WH-WH FLOR, FNT-INCRS MOD
 BRI BLU WH FLASH CUT, THN SLI-INCRS BRI GRN
 WH-BLU WH RES RING

55% LS: OFF WH-WH, TR CRM, MIC FN-V FN XLN, TR
 CRYPTO XLN, OCC FN XLN, FRAC-INTRXLN POR, TR
 PP VUG POR, 40% WH-OFF WH CHT, ABUN CLR CHT,
 FRAC POR, SME PP VUG POR, 5% WH-OFF WH DOL,
 INCRS BRI YEL WH-WH FLOR, BRI BLU WH FLASH
 CUT, THN BLU WH-SLI GRN WH RES RING

MD 9133 TVD 5243.26
 INC 90.5 AZ 179.1

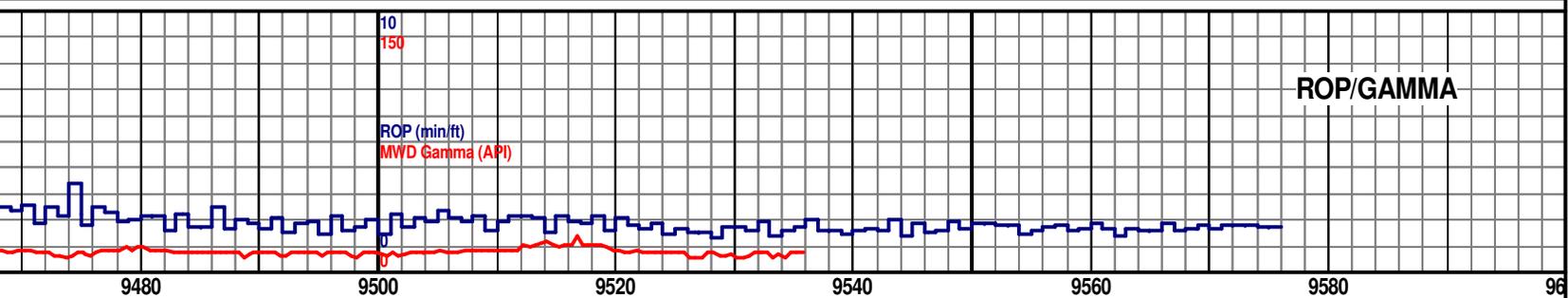
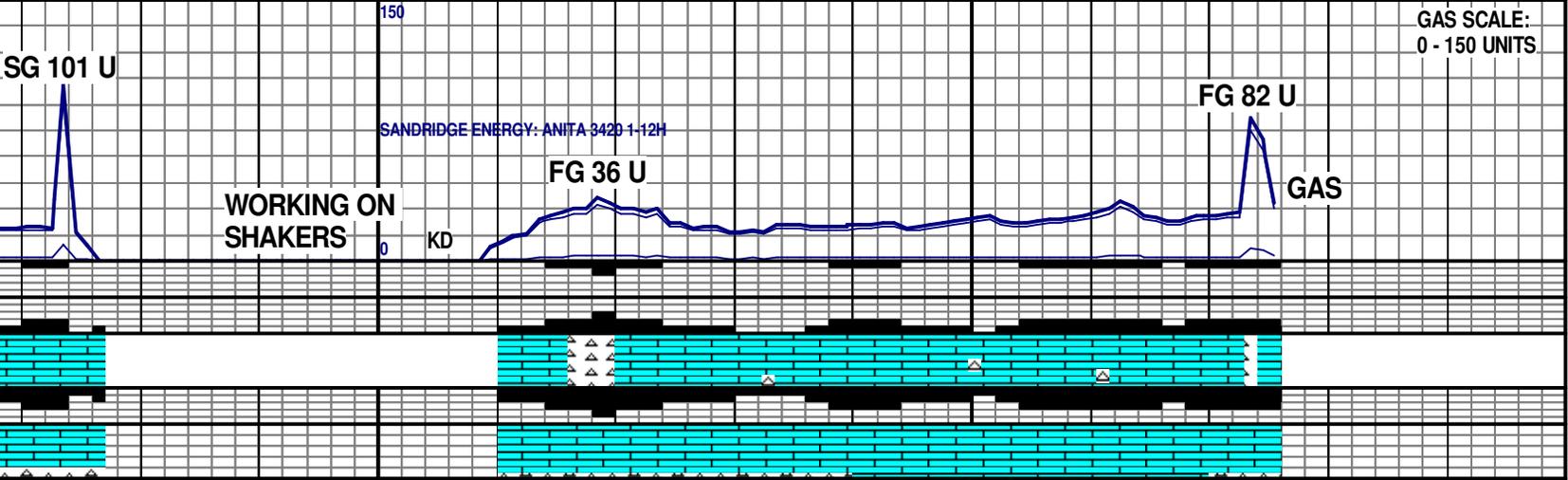
MD 9165 TVD 5243.01
 INC 90.4 AZ 178.9

MD 9261 TVD 5240.08
 INC 93.1 AZ 180.2



<p>45% CHT: PRED WH-OFF WH, ABUN CLR, V FN-FN TXT, SUBANG-ANG, V FRM-HD, FRAC POR, 45% OFF WH-WH LS, ABUN CRM LS, MIC FN-V FN XLN, SLI-MOD FRM, BRTL, FRAC-INTRXLN POR, 10% WH-OFF WH DOL, YEL WH-WH FLOR, DECRS MOD-SLI BRI BLU BLMNG CUT, THN BRI BLU WH-GRN WH RES RING</p>	<p>55% LS: OFF WH-WH, SME CRM, MIC FN-V FN XLN, SLI FRM, BRTL, DOL CMT, INTRXLN-FRAC POR, 45% WH-CLR CHT, FRAC POR, TR WH-OFF WH DOL, YEL WH FLOR, ABUN WH FLOR, SLI BRI-FNT BLU BLMNG CUT, THN DECRS BRI BLU WH-GRN WH RES RING</p>	<p>55% CHT: WH-CLR, ABUN OFF WH, SME OPQ, V FN-FN TXT, SME SMTH TXT, SUBANG-ANG, SME SUBRND, V-MOD FRM, FRAC POR, SME PP VUG POR, 45% OFF WH-WH LS, SME CRM LS, FRAC POR, TR INTRXLN POR, YEL WH-WH FLOR, BLU-INCRS BLU WH FLASH CUT, THN INCRS BRI GRN WH RES RING</p>	<p>75% LS: PRED O XLN, TR CRYPTO FRAC-INRXLN PC WH CHT, FRAC P DOL, YEL-YEL W BRI GRN WH-YEL</p>
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<p>MD 9325 TVD 5238.68 INC 89.4 AZ 179.3</p>	<p>MD 9357 TVD 5239.02 INC 89.4 AZ 179.1</p>	<p>MD 9421 TVD 5239.74 INC 89.3 AZ 178.5</p>	<p>MD 9452 TVD 5239.96 INC 89.9 AZ 177.9</p>
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DEPTH: 9500'
 WOB: 25.4K
 RPM: 45
 SPM: 67
 PSI: 2959
 GPM: 275

5180 TVD
 Sub Sea (3366)

DRILLER CALLED TD @ 9,576' ON 11/15/2012
 SANDRIDGE ENERGY, INC.
 ANITA 3420 1-12H
 SEC. 12-T34S-R20W
 COMANCHE CO. KS
 GL: 1,793' KB: 1,814'

FF WH-WH, SME CRM, MIC FN-V FN
 XLN, SLI-MOD FRM, BRTL, TR FRI,
 OR, 25% WH-CLR CHT, ABUN OFF
 OR, TR PP VUG POR, TR OFF WH
 H FLOOR, BLU WH FLASH CUT, THN
 L WH RES RING

5220
 (-3406)

90% LS: PRED OFF WH-WH, SME CRM, CRYPTO
 XLN-MIC FN XLN, DNS, SFT-SLI FRM, BRTL, SME
 FRI, FRAC POR, TR INTRXLN POR, 10% OFF
 WH-CLR CHT, TR OPQ CHT, ABUN YEL-YEL WH
 FLOOR, BLU-INCRS BLU WH FLASH CUT, THN FNT
 MLKY BLU WH RES RING

95% LS: PRED OFF WH-LT CRM, ABUN WH, V FN-FN
 XLN, SFT-SLI FRM, FRI, TR BRTL, FRAC-HL FRAC
 POR, TR INTRXLN POR, 5% OFF WH-CLR CHT, SCAT
 YEL-YEL WH FLOOR, BLU WH FLASH CUT, THN FNT
 MLKY BLU WH RES RING

MD 9523 TVD 5240.7
 INC 88.9 AZ 177.7

MD 9576 TVD 5241.72
 INC 88.9 AZ 177.7