



MID CONTINENT WELL LOGGING SERVICE, INC.

CONTINUOUS WELL LOGGING / COMPLETE HYDROCARBON ANALYSIS

2222 WESTPARK DR. STE. A
NORMAN, OK 73069
OFFICE (405) 360-7333
OPERATIONS (405) 590-3655
SALES (405) 203-9989

Scale 1:240 (5"=100') Imperial
Measured Depth Log

Well Name: EASTON 3914 1-21
Location: Section 21, T34S, R19W
License Number: 15-033-21706-00-00
Spud Date: 5/2/2013
Surface Coordinates: SHL: 350' FNL & 1,980' FEL of Section 21, T34S, R19W
BHL: 350' FNL & 1,980' FEL of Section 21, T34S, R19W
Bottom Hole REPORT FOR: MAGGIE RODEN
Coordinates: LOGGERS: MR. TREVOR GAVIN, MS. MINDY CAUDILL
Ground Elevation (ft): 1,875' K.B. Elevation (ft): 1,895'
Logged Interval (ft): 850' To: 6140 Total Depth (ft): 6140
Formation: MISSISSIPPI
Type of Drilling Fluid: WATER/NATIVE MUD

Region: COMANCHE CO., KS
Drilling Completed: 5/9/2013

Printed by MUD.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: Maggie Roden
Company: Sandridge Energy, Inc
Address: 123 Robert S. Kerr Avenue, Ste. 2430
Oklahoma City, Oklahoma 73102-6406

Cores

DSTs

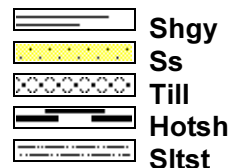
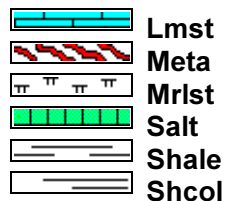
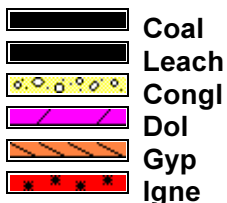
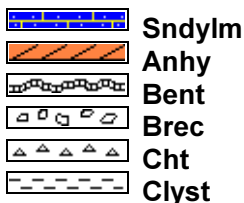
Comments

LOGGERS: MR. TREVOR GAVIN, MRS. MINDY CAUDILL

MCWL TRAILER #25

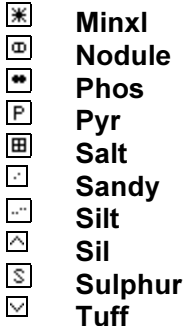
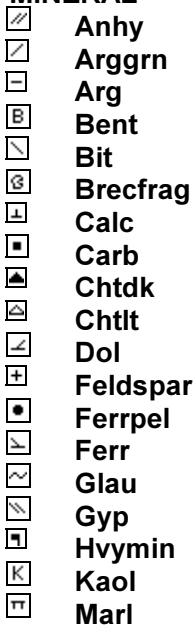
USING PASON GAS DETECTION SYSTEM

ROCK TYPES

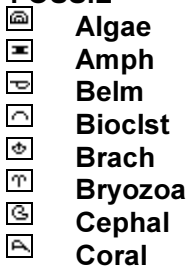


ACCESSORIES

MINERAL



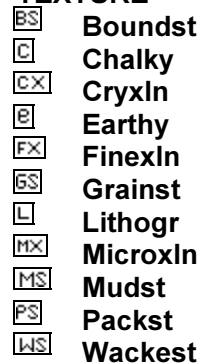
FOSSIL



STRINGER

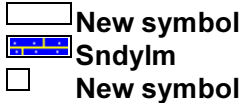
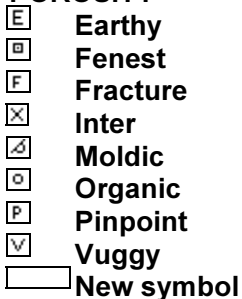


TEXTURE



OTHER SYMBOLS

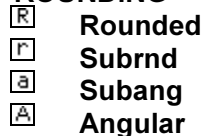
POROSITY



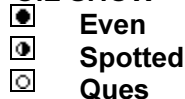
SORTING



ROUNDING



OIL SHOW



INTERVAL



EVENT

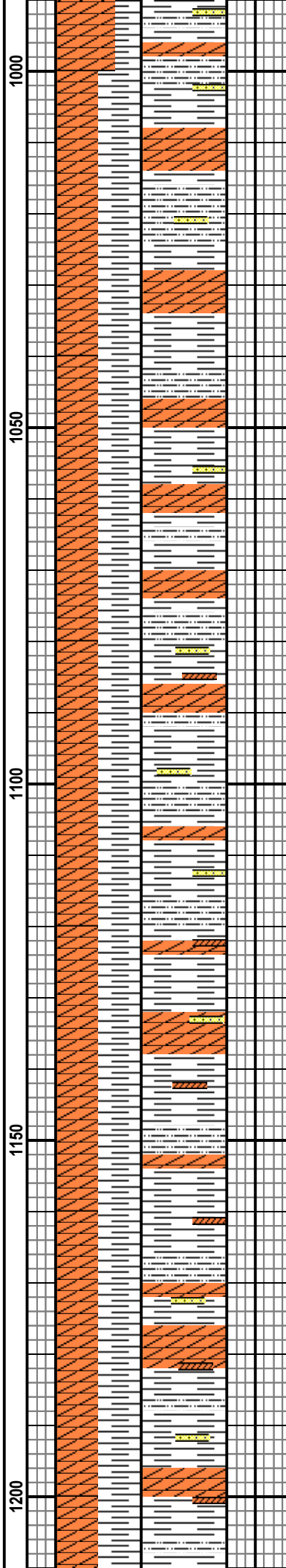
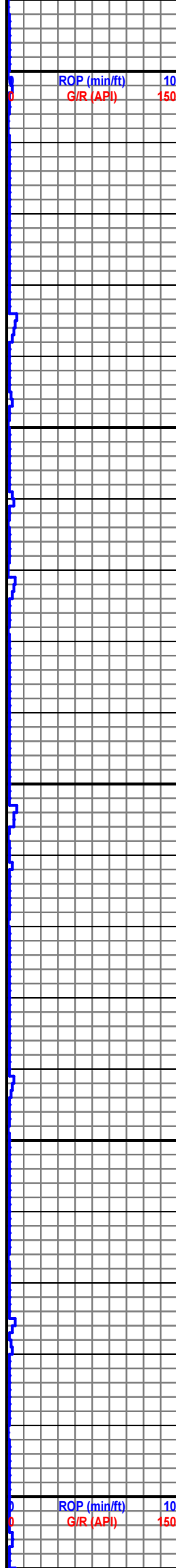


Survey Data	ROP		Depth	Porosity	% Lithology	Lithology	Fluorescence	Leach	Geological Descriptions	TG, C1-C5					Oil Curve
	ROP (min/ft)	G/R (API)								TG (Units)	C1 (units)	C2 (units)	C3 (units)	C4 (units)	
WOB: 21K RPM: 71 SPM: 65/60 PP: 1023 GPM: 434 MUD WT: 8.8 VIS: 39	0	10	800						SANDRIDGE ENERGY INC. EASTON 3419 1-21 SEC 21-T34S-R19W COMANCHE CO. KANSAS 1,875' GR 1,895' KB DRILLING W/NB #2, 7.875", FX65, 11270256, JETS 3X16, 6 BLADES	0	100	0.00	0.01	0	0
	8 5/8" CASING SET @ 834' MD										USING PASON GAS DETECTION SYSTEM FLOR:SNDRDG 1				
	ROP										GAS SCALE 0-100 MUD CHK @ 834' WT- 8.7 VIS-40 PV- 7 YP- 15 GEL- 8/10/0 FIL- 99.0 CK- 3/0 SOL- 0.6 WTR- 97.8 PH- 12.0 CHLR- 28,000 HRD-1,480 LCM- 0.50				
	ANHY: PRED OFF WHT-WHT, SCAT LT GY I.P., TR OPQ, MSTLY CHNKY, SME PLTY, PRED FRM-V FRM, OCC MOD FRM, SH: MSTLY BRN-REDISH BRN, PRED CHNKY-BLKY, MSTLY SLI FRM- MOD SFT, OCC LT BRN SS STRINGERS THRU OUT, CALC CMT										KD				
			850						STARTED LOGGING ON 05/03/2013 @ 850' ANHY: PRED OFF WHT-WHT, SME OPQ, MSTLY CHNKY, SME PLTY, PRED FRM-V FRM, OCC MOD FRM, SLI CARB, W/OCC SH: MSTLY BRN-REDISH BRN, ARG, PRED CHNKY-BLKY, MSTLY SLI FRM- MOD SFT, SLI CARB						
			900												
			950						SH: MED BRN-REDISH BRN , TR GY- LT GY, PLTY- BLKY, MOD SFT- MOD FRM, MOD SMTH TXT, ANHY: OFF WHT- WHT, TR OPQ, BLKY, FRM- MOD FRM,W/ SME LT BRN-SLI OPQ TN, UNCONSL SS, NO FLOATING GRNS, NO VIS INTRGRNLR POR,						

WOB: 20K
RPM: 70
SPM: 62/62
PP: 1039
GPM: 431

MUD WT: 9.0
VIS: 34

MUD WT: 9.0
VIS: 34

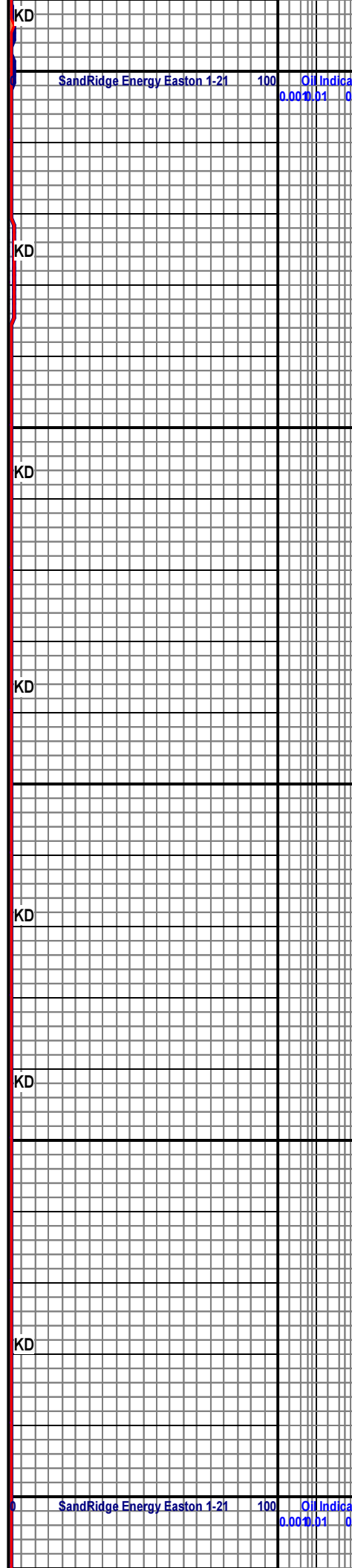


SH: MED GY- LT GY, TR DRK GY,
PLTY- BLKY, MOD SFT- MOD FRM,
MOD SMTH TXT, ANHY: OFF WHT-
WHT, INCRG LT GY, TR OPQ, BLKY,
FRM- MOD FRM, TR SS STRINGER

SH: MED BRN-LT BRN, OCC GY- LT
GY, TR DRK GY, PLTY- BLKY, MOD
SFT- MOD FRM, MOD SMTH TXT,
ANHY: OFF WHT- WHT, OCC LT GY,
TR OPQ, BLKY, FRM- MOD FRM, TR
SS STRINGER

SH: MED BRN-LT BRN, OCC GY- LT
GY, TR DRK GY, PLTY- BLKY, MOD
SFT- MOD FRM, MOD SMTH TXT,
ANHY: OFF WHT- WHT, TR LT GY,
TR OPQ, BLKY, FRM- MOD FRM, TR
SS STRINGER

SH: MED BRN-LT BRN, OCC GY- LT
GY, TR DRK GY, PLTY- BLKY, MOD
SFT- MOD FRM, MOD SMTH TXT,
ANHY: OFF WHT- WHT, OCC LT GY,
TR OPQ, BLKY, FRM- MOD FRM, TR
SS STRINGER

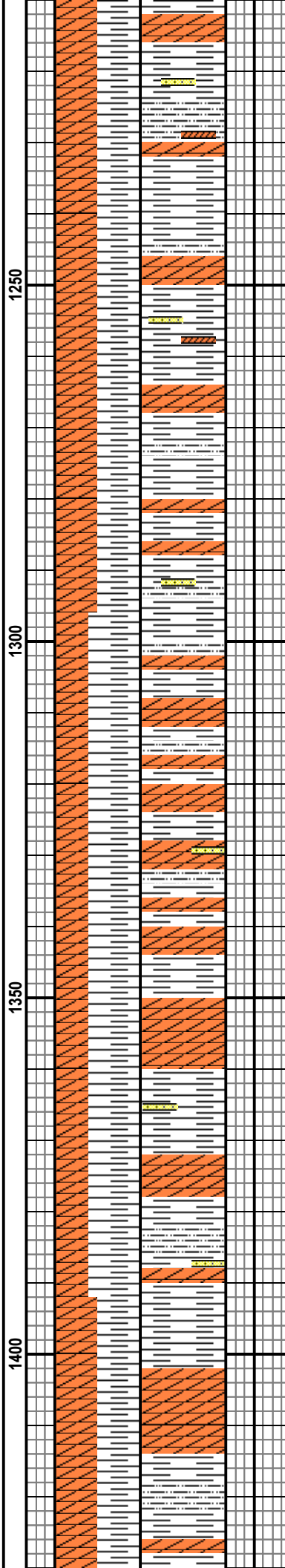
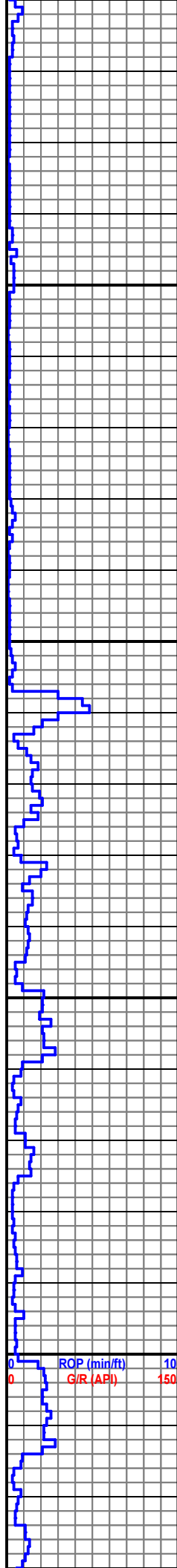


WOB: .6K
RPM: 34
SPM: 62/64
PP: 845
GPM: 441

05/04/13

MUD WT: 9.1
VIS: 39

MUD WT: 9.2
VIS: 41



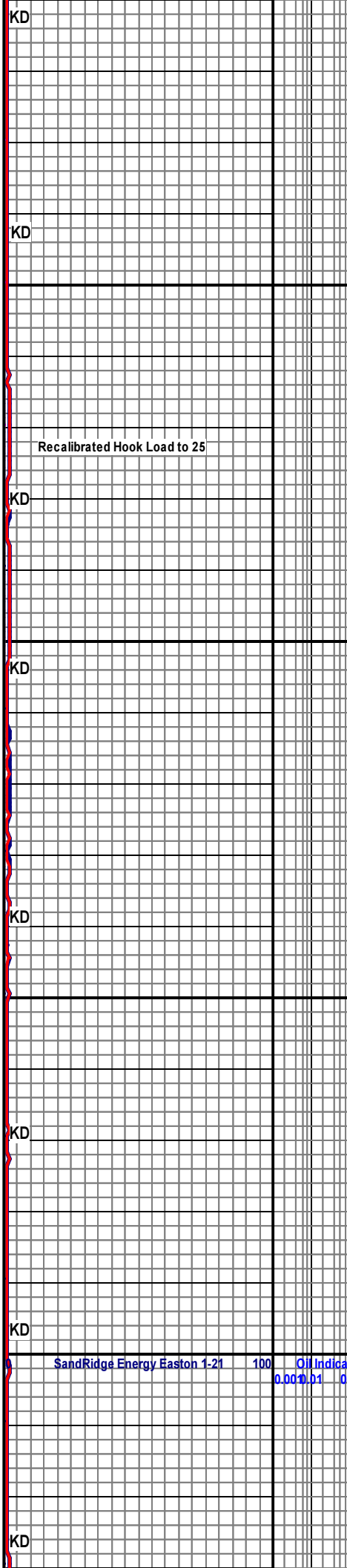
SH: PRED LT BRN-BRN, OCC MED GY- LT GY, TR REDISH BRN, PLTY- BLKY, MOD SFT- MOD FRM, MOD SMTH TXT, ANHY: OFF WHT- WHT, SME LT GY, TR OPQ, BLKY, FRM- MOD FRM, TR SS STRINGERS

SH: PRED LT BRN-BRN, OCC MED GY- LT GY, TR REDISH BRN, PLTY- BLKY, MOD SFT- MOD FRM, MOD SMTH TXT, ANHY: OFF WHT- WHT, SME LT GY, TR OPQ, BLKY, FRM- MOD FRM, TR SS STRINGERS

SH: LT BRN-BRN, MED GY- LT GY, TR REDISH BRN, PLTY- BLKY, SFT, OCC MOD FRM, MOD FN TXT, ANHY: OFF WHT- WHT, SME LT GY, TR OPQ, BLKY, FRM- MOD FRM, TR SS STRINGERS

SH: LT BRN, SM BRN, OCC RED/BRWN, MED GY- LT GY, PLTY- BLKY, SFT, OCC MOD FRM, MOD FN TXT, ANHY: OFF WHT- WHT, SME LT GY, TR OPQ, BLKY, FRM- MOD FRM, TR SS STRINGERS

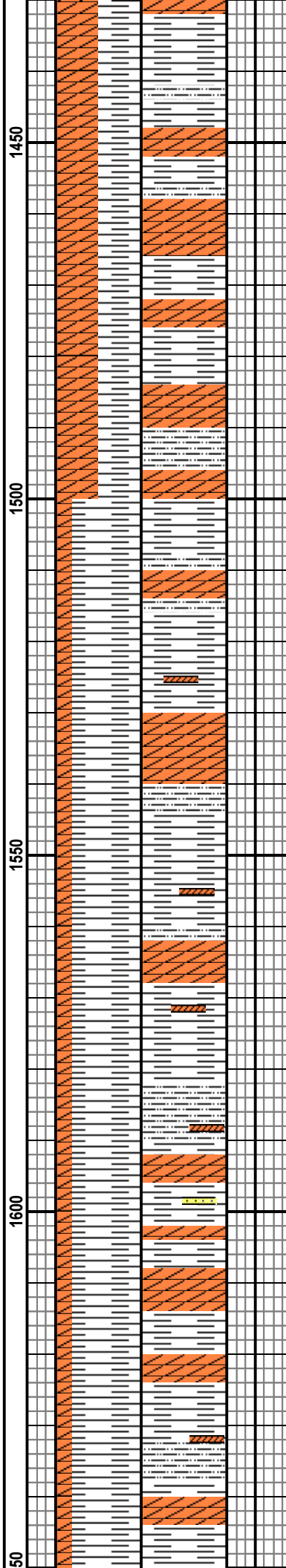
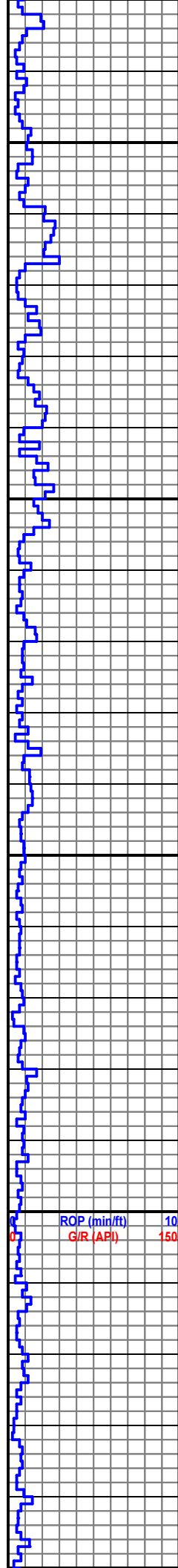
SH: ABUT LT BRN-BRN, OCC MED GY- LT GY, TR REDISH BRN, PLTY- BLKY, MOD SFT- MOD FRM, MOD SMTH TXT, ANHY: OFF WHT- WHT, SME LT GY- GY, TR OPQ, BLKY, FRM- MOD FRM, TR SS STRINGERS



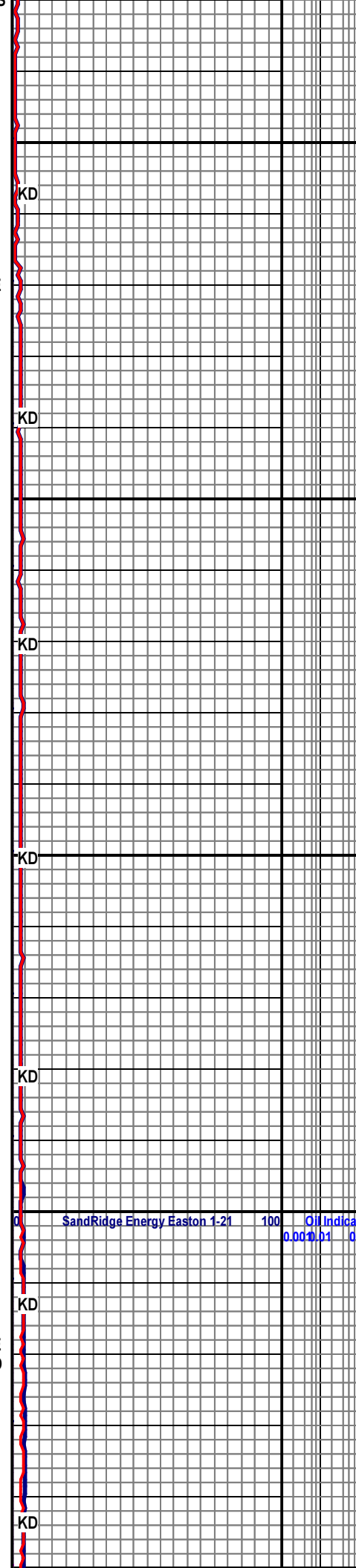
Recalibrated Hook Load to 25

SandRidge Energy Easton 1-21 Oil Indica 0.001 01 0

WOB: 17K
RPM: 72



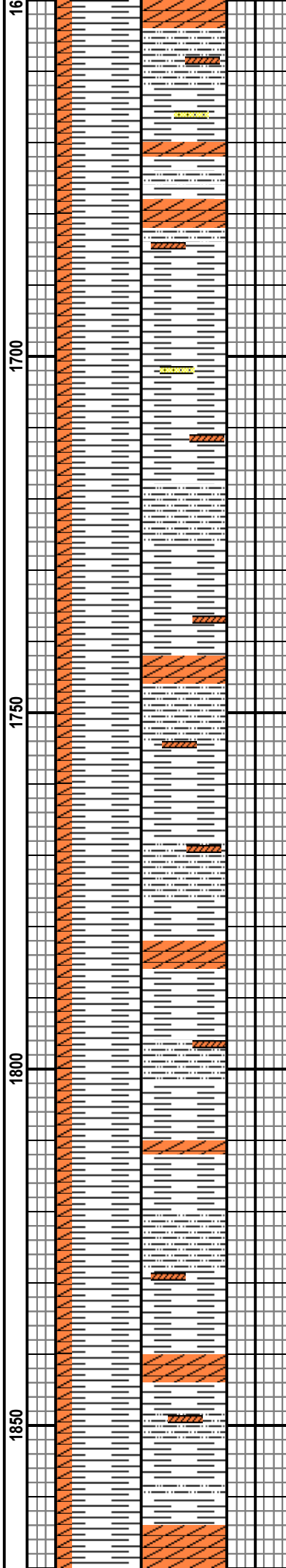
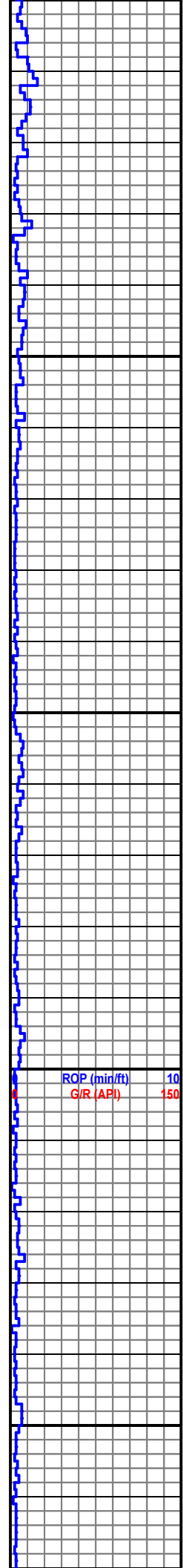
ANHY: PRED OFF WHT-WHT, SME
OPQ, OCC LT GY, MSTLY CHNKY,
SME PLTY, PRED FRM-V FRM, SME
HRD, OCC MOD FRM, W/ SH: PRED
LT GY-GY, OCC BRN-LT BRN, OCC
ARG, PRED CHNKY-BLKY, SMTH
TXT, OCC SLTY TXT, MSTLY SLI
FRM- MOD SFT, OCC MOD FRM



SPM: 72
PP: 1361
GPM: 514

MUD WT: 9.4
VIS: 37

WOB: 17K
RPM: 67
SPM: 70/76
PP: 1482
GPM: 508



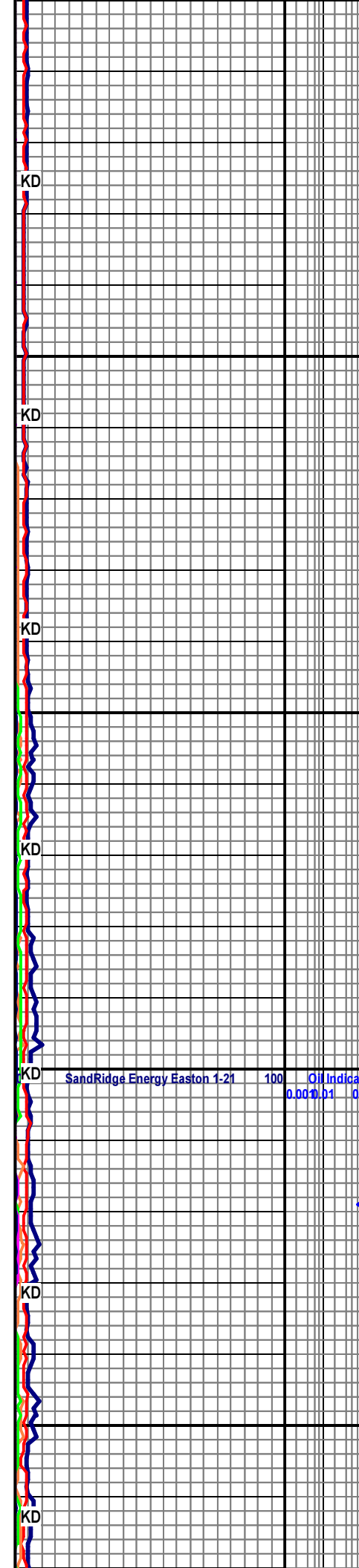
SH: PRED MED GY- LT GY, OCC
DRK GY, TR REDISH BRN-BRN,
CHNKY- BLKY, MOD SFT- MOD
FRM-FRM, SME SFT, MOD SMTH
TXT, SLTY TXT ANHY: OFF WHT-
WHT, SME LT GY, TR OPQ, BLKY,
FRM- MOD FRM, OCC HRD

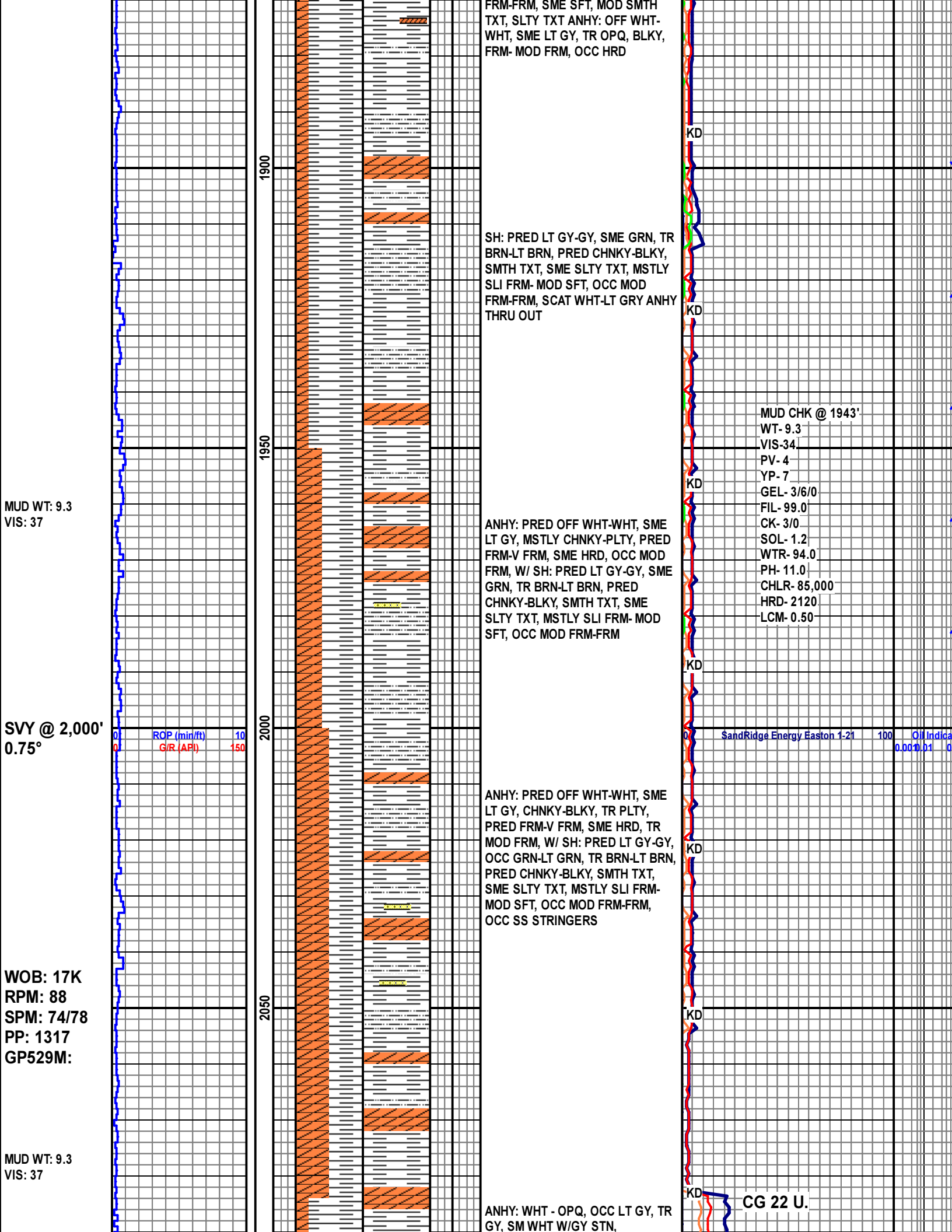
SH: PRED MED GY- LT GY, OCC
DRK GY, TR REDISH BRN-BRN,
CHNKY- BLKY, MOD SFT- MOD
FRM-FRM, SME SFT, MOD SMTH
TXT, SLTY TXT ANHY: OFF WHT-
WHT, SME LT GY, TR OPQ, BLKY,
FRM- MOD FRM, OCC HRD

SH: PRED MED GY- LT GY, OCC
DRK GY, TR REDISH BRN-BRN,
CHNKY- BLKY, MOD SFT- MOD
FRM-FRM, SME SFT, MOD SMTH
TXT, SLTY TXT ANHY: OFF WHT-
WHT, SME LT GY, TR OPQ, BLKY,
FRM- MOD FRM, OCC HRD

SH: PRED MED GY- LT GY, OCC
DRK GY, TR REDISH BRN-BRN,
CHNKY- BLKY, MOD SFT- MOD
FRM-FRM, SME SFT, MOD SMTH
TXT, SLTY TXT ANHY: OFF WHT-
WHT, SME LT GY, TR OPQ, BLKY,
FRM- MOD FRM, OCC HRD

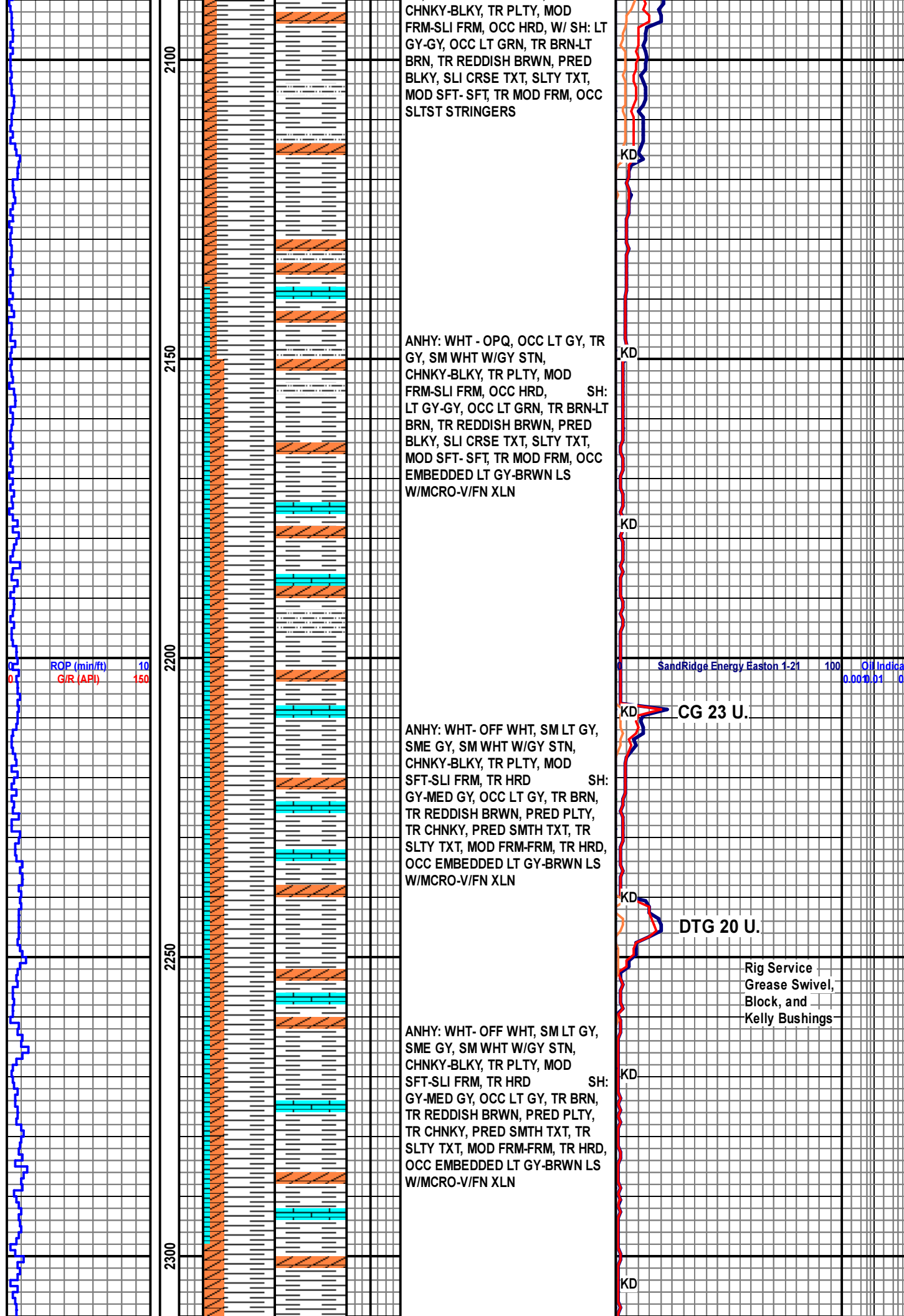
SH: PRED MED GY- LT GY, OCC
DRK GY, TR REDISH BRN-BRN,
CHNKY- BLKY, MOD SFT- MOD





WT 9.4
VIS 35

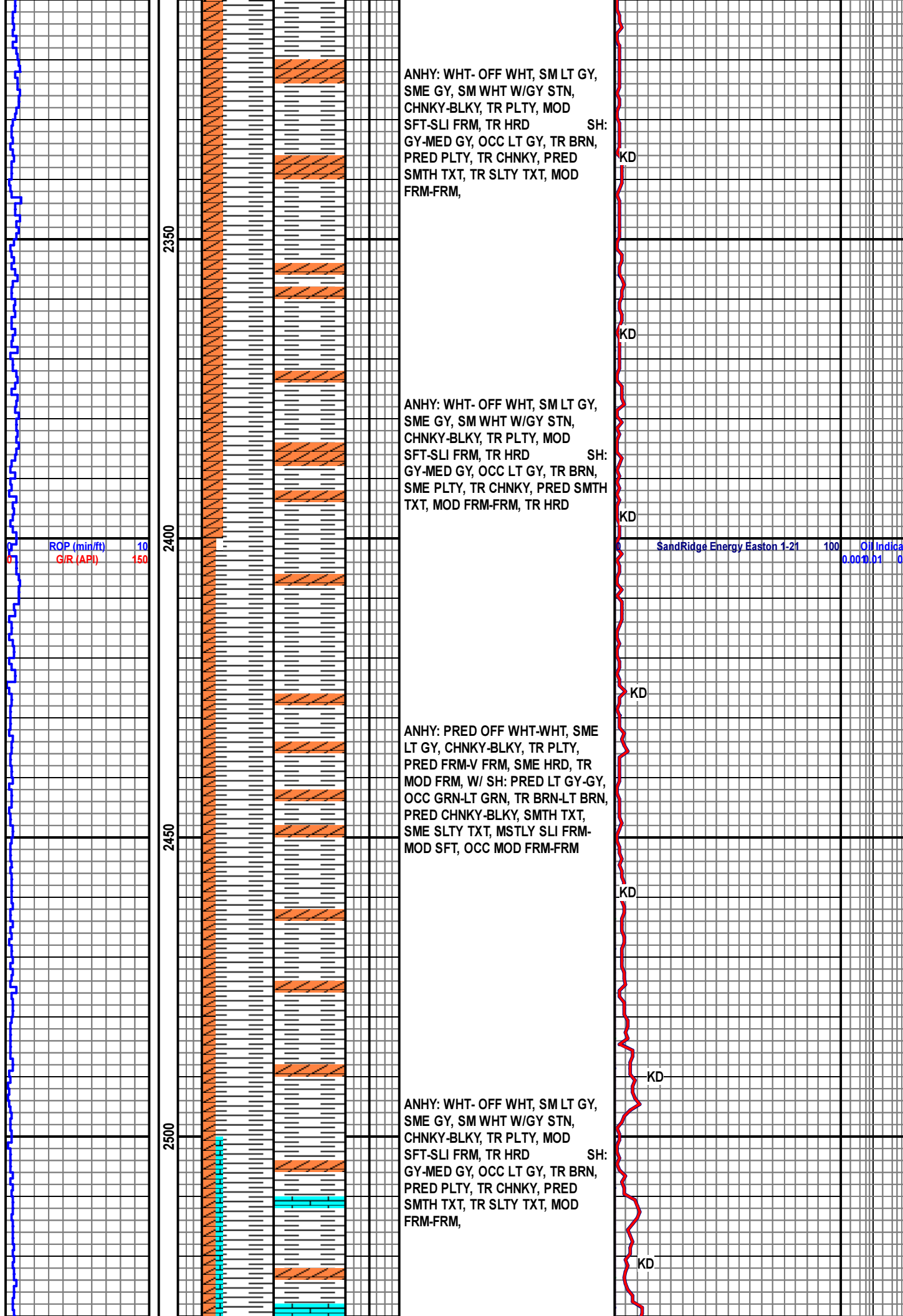
WOB: 19K
RPM: 67
SPM: 79/71
PP: 1444
GPM: 525



WT 9.4
VIS 39

WOB: 19K
RPM: 73
SPM: 58
PP: 1586
GPM: 543

SVY @ 2,489'
1.0°



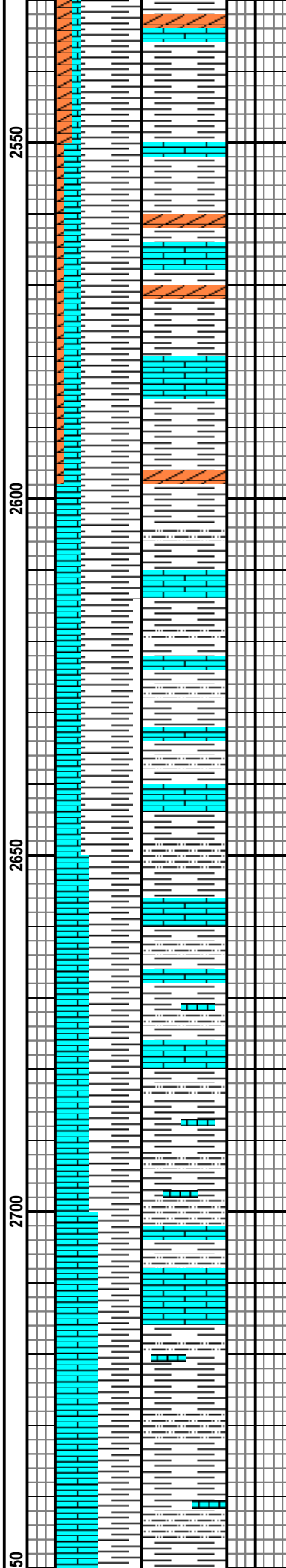
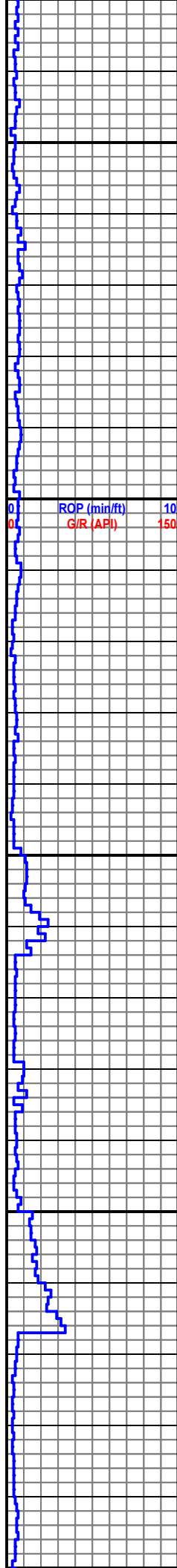
MUD WT: 9.4
VIS: 38

05/05/13

MUD WT: 9.4
VIS: 38

WOB: 9.4K
RPM: 80
SPM: 96
PP: 573
GPM: 333

DISPLACE MUD @
2,715'

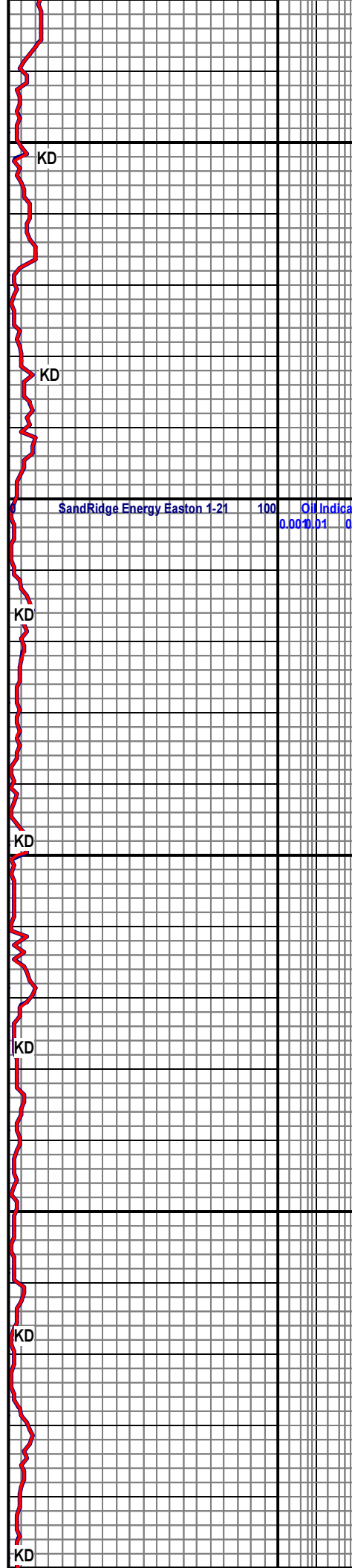


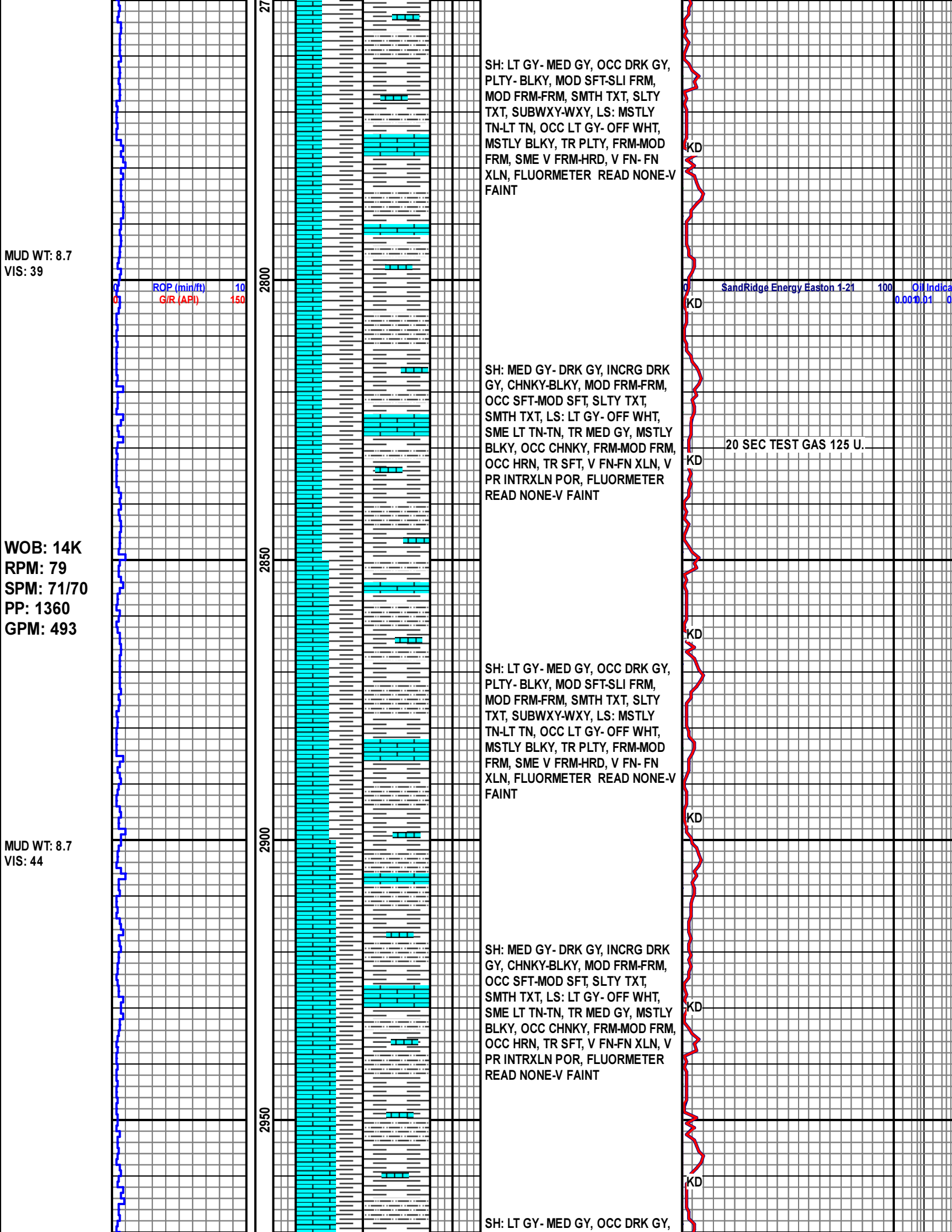
SH: GY-MED GY, OCC LT GY, TR
BRN, SM GRN-LT GRN, PRED PLTY,
TR BLKY, PRED SMTH TXT, TR
SLTY TXT, MOD FRM-FRM LS:
TN-OFF WHT, LT BRWN STN,
MED-FN XLN, SM VUG POR, MED
INTRXLN POR, OCC HRLN-FRAC
POR,

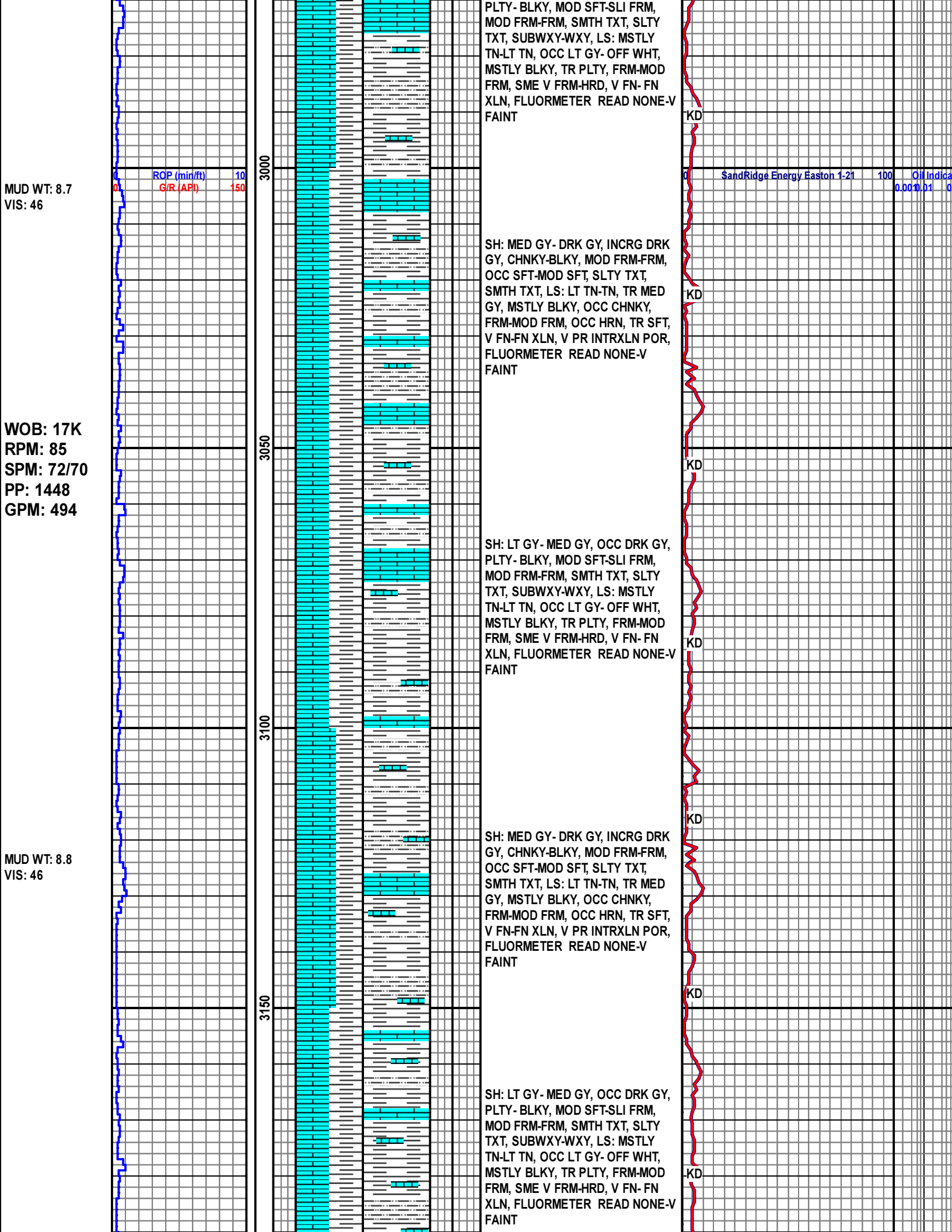
SH: MED GY-DRK GY, OCC LT GY,
SME GRN-LT GRN, PRED PLTY, TR
BLKY, MED CRSE TXT, TR SMTH
TXT, MOD FRM-V/FRM LS: TN-OFF
WHT, LT BRWN STN, FN-V/FN XLN,
SM VUG POR, MED INTRXLN POR,
OCC HRLN-FRAC POR,
FLUORMETER READ NONE-V
FAINT

SH: MED GY-DRK GY, OCC LT GY,
SME GRN-LT GRN, SME PLTY, TR
BLKY, PRED SMTH TXT, MOD
FRM-V/FRM LS: TN-OFF WHT, LT
TN, LT BRWN STN, FN-V/FN XLN,
SM VUG POR, MED INTRXLN POR,
OCC HRLN-FRAC POR,
FLUORMETER READ NONE-V
FAINT

SH: MED GY- DRK GY, INCRG DRK
GY, CHNKY-BLKY, MOD FRM-FRM,
OCC SFT-MOD SFT, SLTY TXT,
SMTH TXT, LS: LT GY- OFF WHT,
SME LT TN-TN, OCC MED GY,
MSTLY BLKY, FRM-MOD FRM, V
FN-FN XLN, V PR INTRXLN POR,
FLUORMETER READ NONE-V
FAINT



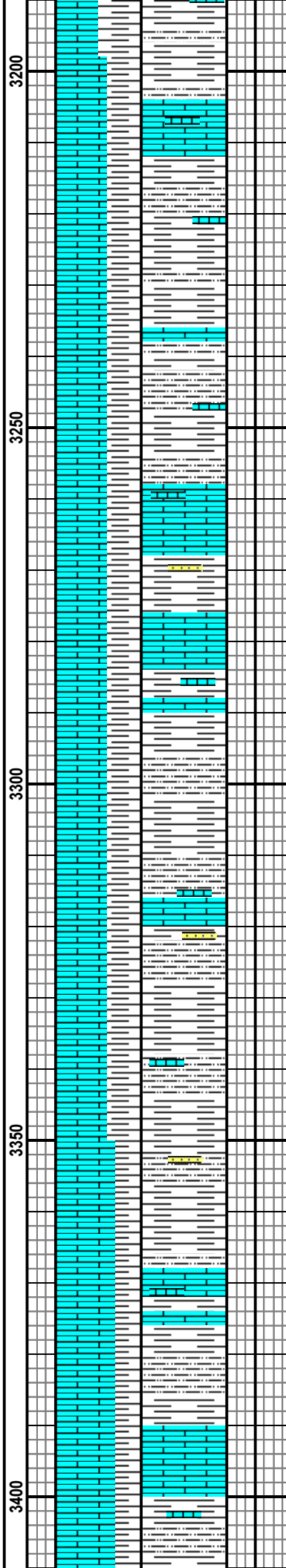
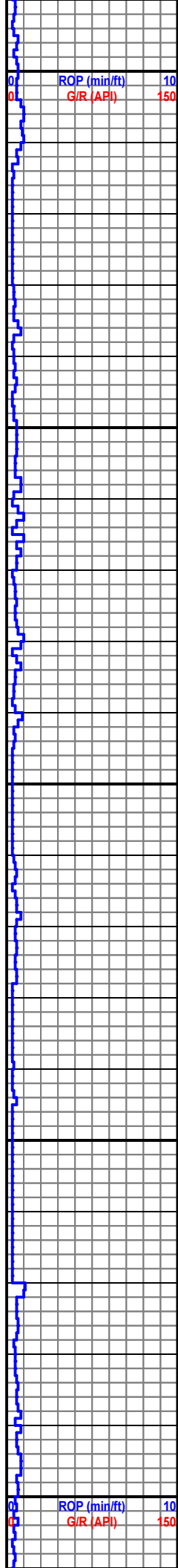




MUD WT: 8.8
VIS: 46

WOB: 19K
RPM: 87
SPM: 69/73
PP: 1525
GPM: 494

MUD WT: 9.0
VIS: 46

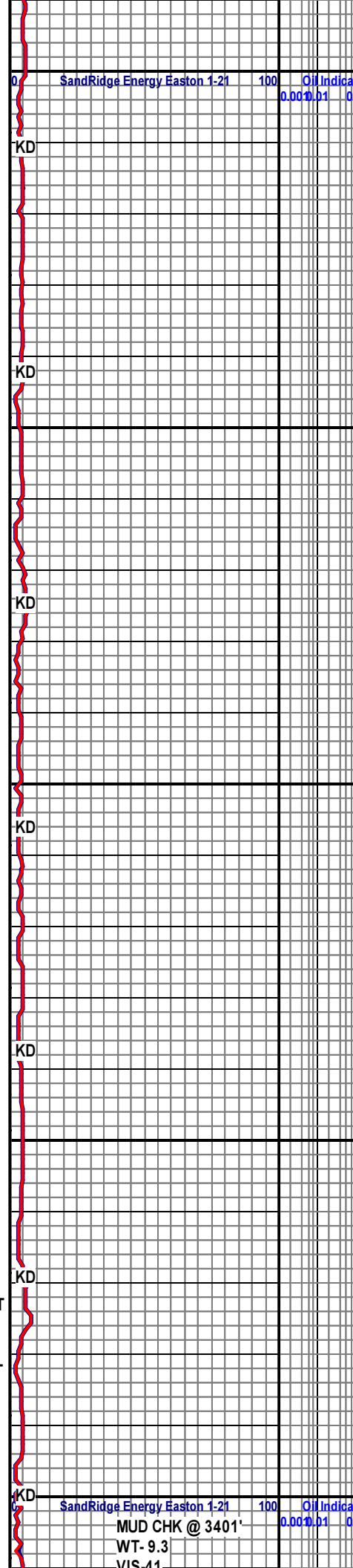


SH: MED GY- DRK GY, INCRG DRK GY, CHNKY-BLKY, MOD FRM-FRM, OCC SFT-MOD SFT, SLTY TXT, SMTH TXT, LS: LT TN-TN, TR MED GY, MSTLY BLKY, OCC CHNKY, FRM-MOD FRM, OCC HRN, TR SFT, V FN-FN XLN, V PR INTRXLN POR, FLUORMETER READ NONE-V FAINT

SH: LT GY-GY, OCC LT GRN, TR BRN-LT BRN, PRED BLKY, SMTH TXT, SLTY TXT, SUBWXY-WXY, MOD SFT- SFT, TR MOD FRM, MICRO MICA, W/LS: MSTLY TN-LT TN, OCC LT GY- OFF WHT, MSTLY CHNKY-BLKY, TR PLTY, FRM-MOD FRM, SME V FRM-HRD, V FN- FN XLN, V PR INTRXLN POR, FLUORMETER READ NONE-V FAINT

SH: LT GY-GY, OCC LT GRN, TR BRN-LT BRN, PRED BLKY, SMTH TXT, SLTY TXT, SUBWXY-WXY, MOD SFT- SFT, TR MOD FRM, MICRO MICA, W/LS: MSTLY TN-LT TN, OCC LT GY- OFF WHT, MSTLY CHNKY, TR PLTY, FRM-MOD FRM, SME V FRM-HRD, TR SFT, V FN- FN XLN, V PR INTRXLN POR, FLUORMETER READ NONE-V FAINT

SH: LT GY-GY, SME DRK GY, OCC LT GRN, TR LT BRN, PRED BLKY-CHNKY, SMTH TXT, SLTY-RGH TXT, SUBWXY-WXY, MOD FRM-FRM, W/LS: MSTLY TN-LT TN, SME OFF WHT, OCC LT GY-GY, MSTLY CHNKY, TR FLKY, FRM-V FRM, SME MOD FRM, TR SFT, V FN- FN XLN, V PR INTRXLN POR, TR PP POR, FLUORMETER READ NONE-V FAINT



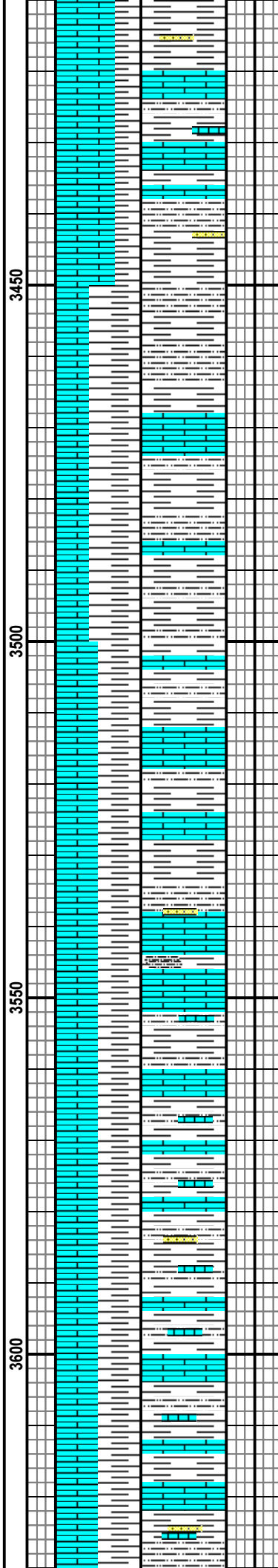
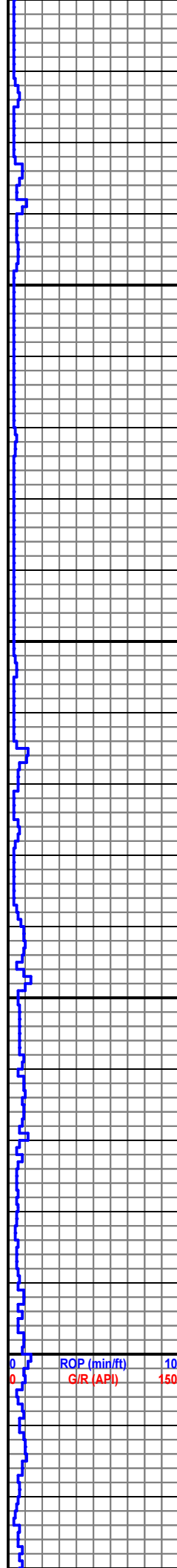
WOB: 16K
RPM: 80
SPM: 69/68
PP: 1575
GPM: 478

MUD WT: 9.1
VIS: 44

SURVEY @ 3488'
1.50°

MUD WT: 9.1
VIS: 43

MUD WT: 9.2
VIS: 41



SH: LT GY-GY, SME DRK GY, OCC LT GRN, PRED BLKY-CHNKY, SMTH TXT, SLTY-RGH TXT, SUBWXY-WXY, MOD FRM-FRM, MICRO MICA, W/LS: PRED TN-LT TN, SME OFF WHT-WHT, OCC LT GY-GY, MSTLY CHNKY, TR FLKY, FRM-V FRM, SME MOD FRM, TR SFT, V FN- FN XLN, V PR INTRXLN POR, TR PP POR, TR SS STRINGERS, FLUORMETER READ NONE-V FAINT

SH: GY-LTGY, OCC DRK GY, BLKY, SM CHNKY, SLI CRS TXT, SUBWXY, FRM-MOD FRM LS: LT TN- TN, CRM-OFF WHT, SME BLK/BRWN STN, MOD FRM-SFT, V/FN-FN XLN, V POR INTRXLN POR, TR PP POR, FLUOROMETER READ ZERO.

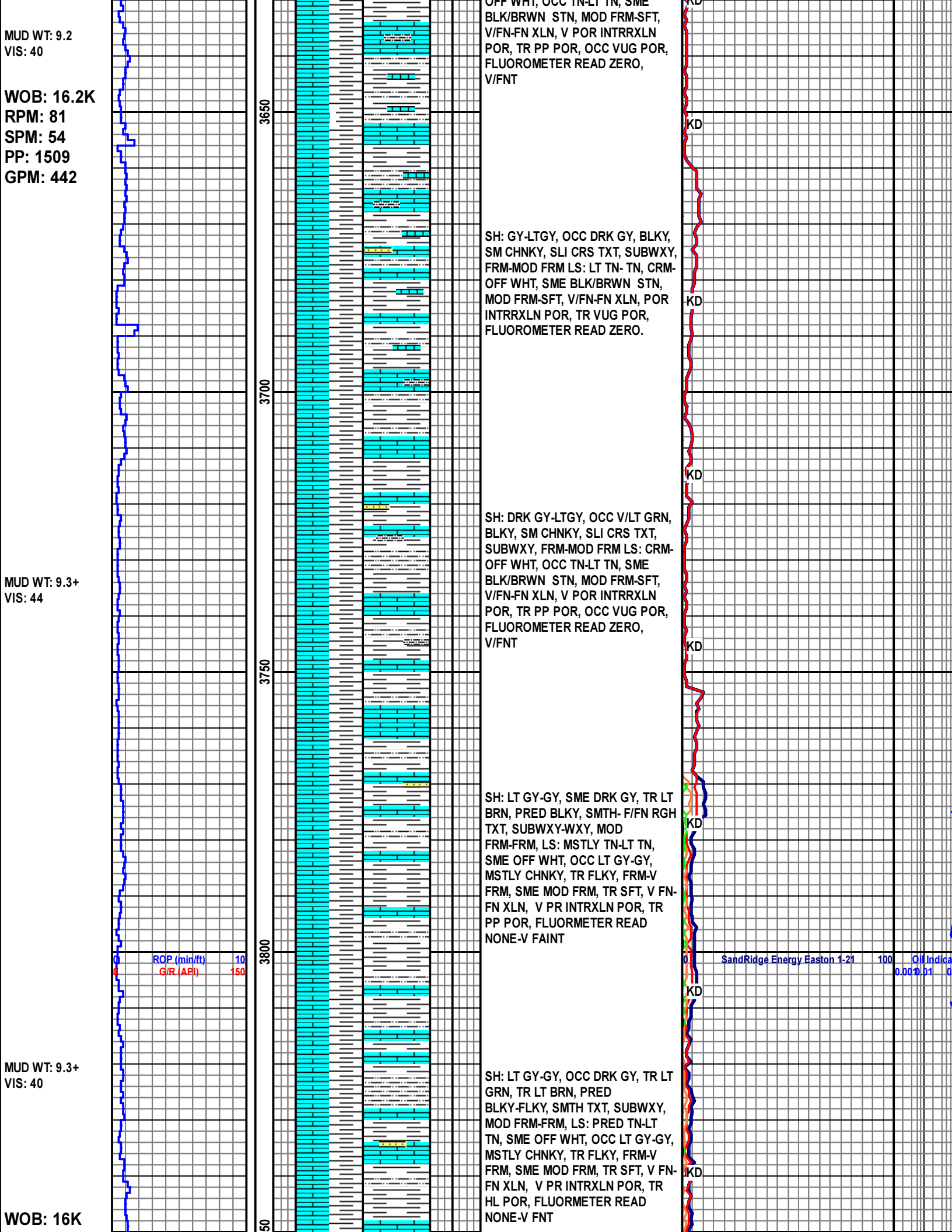
SH: GY-LTGY, OCC DRK GY, BLKY, SM CHNKY, SLI CRS TXT, SUBWXY, FRM-MOD FRM LS: LT TN- TN, CRM-OFF WHT, SME BLK/BRWN STN, MOD FRM-SFT, V/FN-FN XLN, V POR INTRXLN POR, TR PP POR, FLUOROMETER READ ZERO.

SH: GY-LTGY, OCC DRK GY, BLKY, SM CHNKY, SLI CRS TXT, SUBWXY, FRM-MOD FRM, SCTTRD SLTST STRNGR LS: LT TN- TN, CRM- OFF WHT, SME BLK/BRWN STN, MOD FRM-SFT, V/FN-FN XLN, V POR INTRXLN POR, TR HL POR, FLUOROMETER READ ZERO.

SH: DRK GY-LTGY, OCC V/LT GRN, BLKY, SM CHNKY, SLI CRS TXT, SUBWXY, FRM-MOD FRM LS: CRM-OFF WHT, OCC TN-LT TN, SME

VIS- 41
PV- 14
YP- 13
GEL- 3/4/0
FIL- 5.6
CK- 2/0
SOL- 3.7
WTR- 93.5
PH- 11.0
CHLR- 52,000
HRD- 400
LCM- 0.0





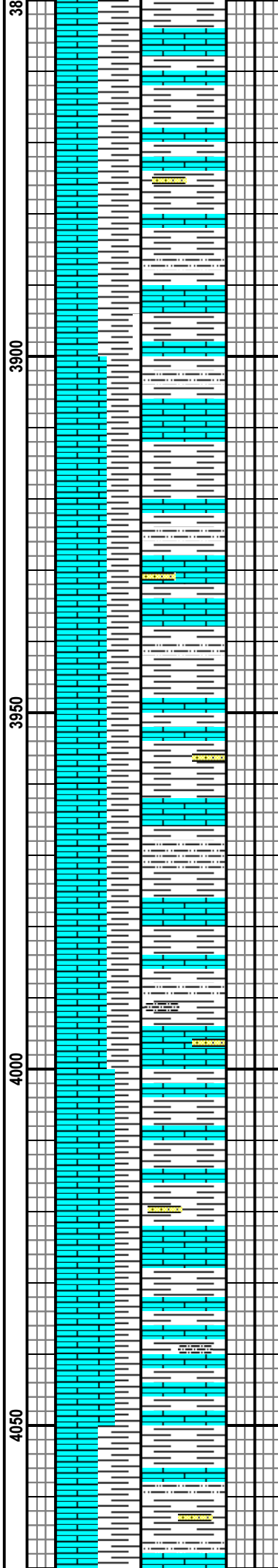
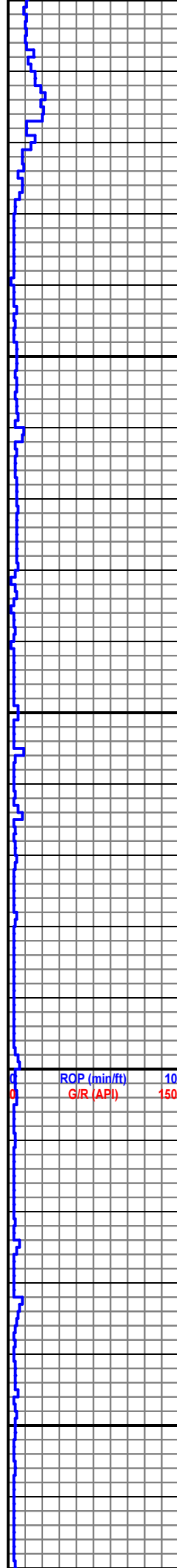
RPM: 83
SPM: 73
PP: 1463
GPM: 504

05/06/13

SURVEY @ 3995'
DEV. 1.5°

MUD WT: 9.3+
VIS: 40

WOB: 14K
RPM: 78
SPM: 76
PP: 1557
GPM: 446



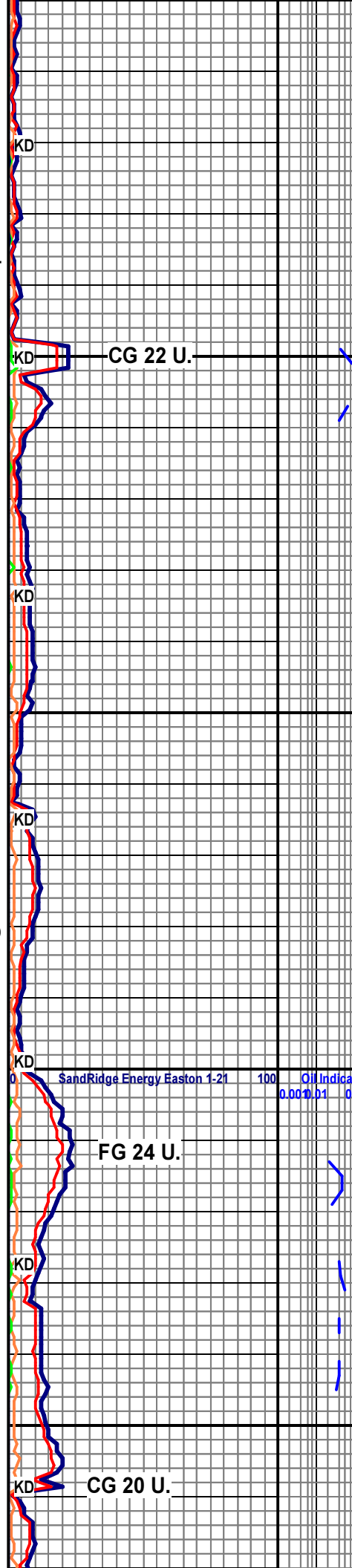
SH: DRK GY- LT GY, TR LT BRN,
BLKY- CHNKY, SME PLTY, SMTH
TXT, SUBWXY-WXY, MOD
FRM-FRM, LS: MSTLY TN-LT TN,
SME OFF WHT, CRM, OCC LT
GY-GY, CHNKY, TR PLTY, FRM-V
FRM, SME MOD FRM, TR SFT, V FN-
FN XLN, SME INTRXLN POR, TR
PP POR, OCC VUG POR
FLUORMETER READ NONE-V
FAINT

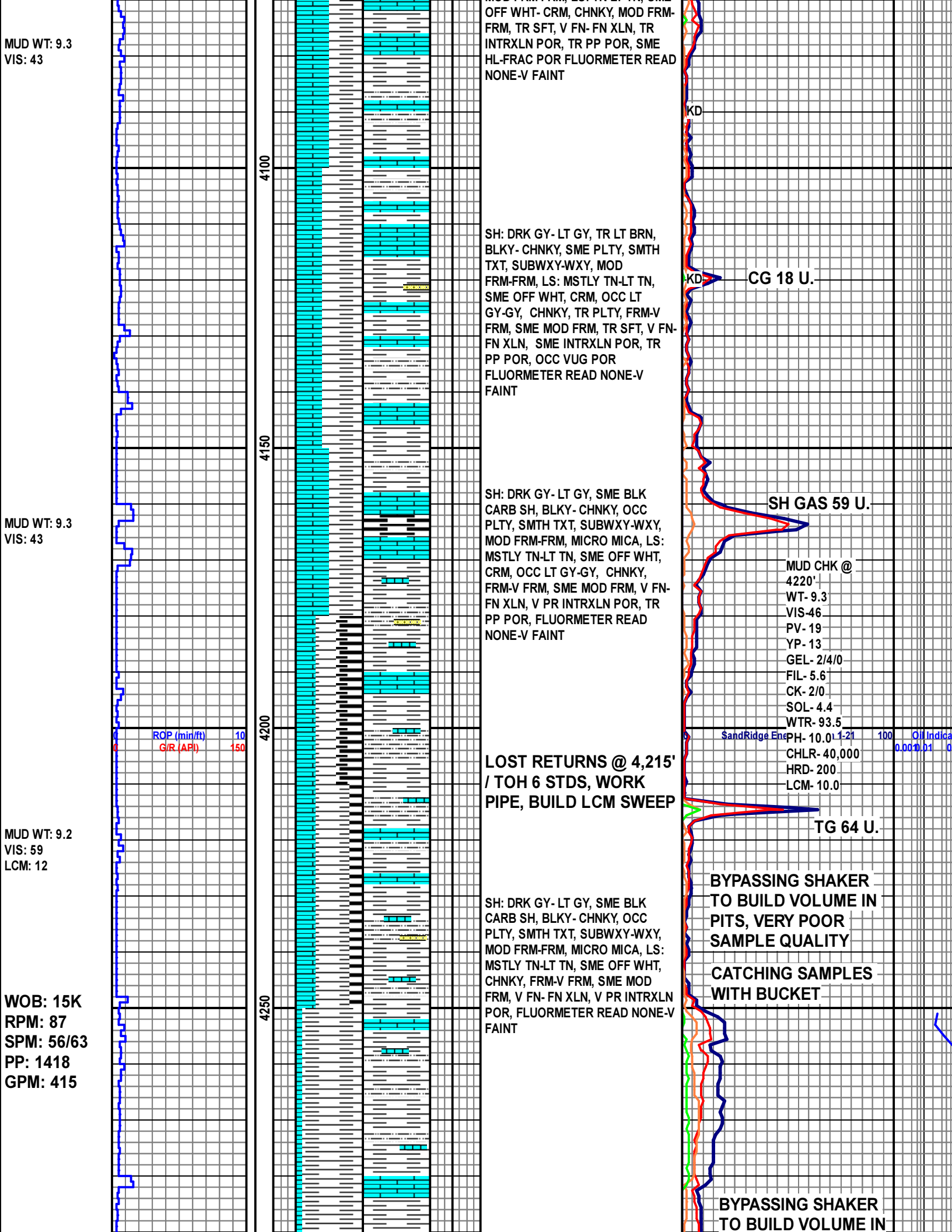
SH: DRK GY- LT GY, TR LT BRN,
BLKY- CHNKY, SMTH TXT,
SUBWXY-WXY, MOD FRM-FRM, LS:
TN-LT TN, SME OFF WHT, CHNKY,
TR PLTY, MOD FRM- FRM, TR SFT,
V FN- FN XLN, SME INTRXLN POR,
TR PP POR, OCC VUG POR
FLUORMETER READ NONE-V
FAINT

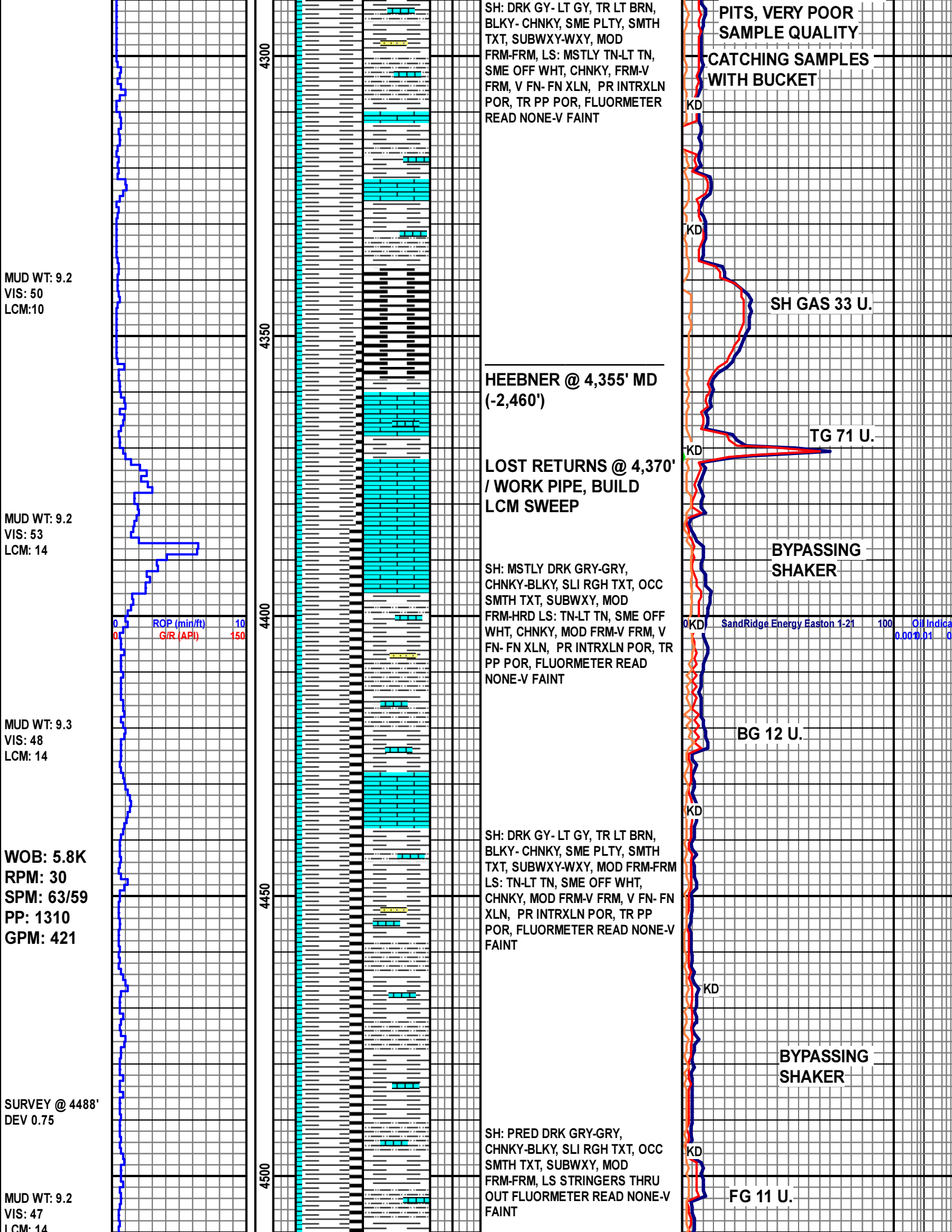
SH: DRK GY- LT GY, TR LT BRN,
BLKY- CHNKY, TR PLTY, SMTH TXT,
SUBWXY-WXY, MOD FRM-FRM, LS:
MSTLY TN-LT TN, SME OFF WHT,
CRM, OCC LT GY-GY, CHNKY, MOD
FRM-V FRM, TR SFT, V FN- FN XLN,
PR INTRXLN POR, SM VUG POR
FLUORMETER READ NONE-V
FAINT

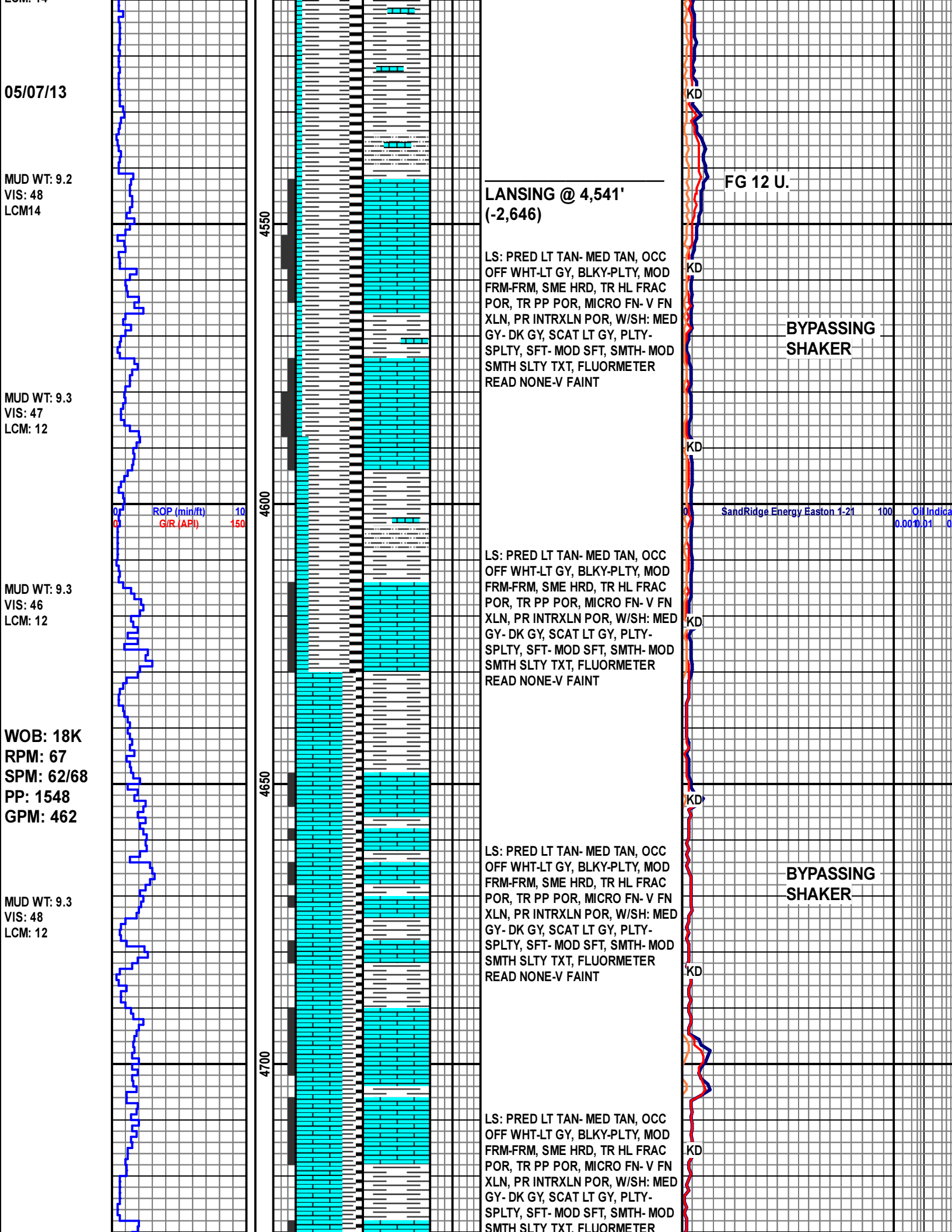
SH: DRK GY- LT GY, BLKY- CHNKY,
OCC PLTY, SMTH TXT,
SUBWXY-WXY, MOD FRM-FRM, LS:
TN-LT TN, SME OFF WHT- CRM,
CHNKY, MOD FRM- FRM, TR SFT, V
FN- FN XLN, TR INTRXLN POR, TR
PP POR, SME HL-FRAC POR
FLUORMETER READ NONE-V
FAINT

SH: GY- LT GY, BLKY- CHNKY, OCC
PLTY, SMTH TXT, SUBWXY-WXY,
MOD FRM-FRM. LS: TN-LT TN. SME

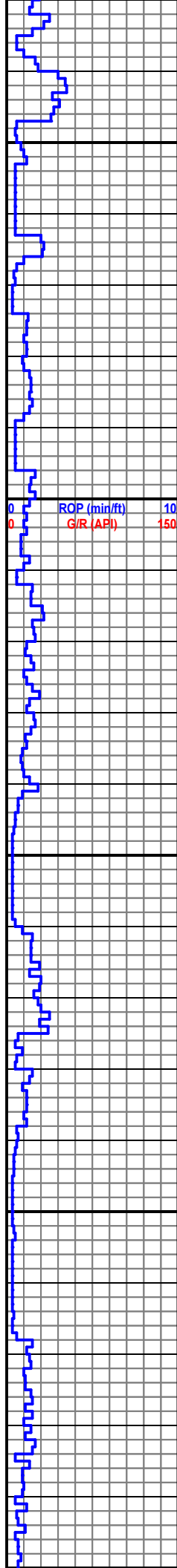








MUD WT: 9.3
VIS: 47
LCM: 12



4750

4800

4850

4900

50

LS: PRED LT TAN- MED TAN, OCC
OFF WHT, BLKY-CHNKY, MOD
FRM-FRM, SME HRD, TR PP POR,
MICRO FN- V FN XLN, PR INTRXLN
POR, W/SH: MED GY- DK GY, SCAT
CARB SH, CHNKY, OCC PLTY, MOD
FRM-FRM, OCC MOD SFT,
SMTH-SLTY TXT, MICRO MICA,
FLUORMETER READ NONE-V
FAINT

LS: PRED LT TAN- MED TAN, OCC
OFF WHT, BLKY-CHNKY, MOD
FRM-FRM, SME HRD, TR PP POR,
MICRO FN- V FN XLN, PR INTRXLN
POR, W/SH: MED GY- DK GY, SCAT
CARB SH, CHNKY, OCC PLTY, MOD
FRM-FRM, OCC MOD SFT,
SUBWXY-WXY, SMTH-SLTY TXT,
MICRO MICA, FLUORMETER READ
NONE-V FAINT

LS: PRED LT TAN- MED TAN, OCC
OFF WHT, BLKY-CHNKY, MOD
FRM-FRM, SME HRD, TR PP POR,
MICRO FN- V FN XLN, PR INTRXLN
POR, W/SH: MED GY- DK GY, SCAT
LT GY, CHNKY, OCC BLKY, MOD
FRM-FRM, OCC MOD SFT,
SMTH-SLTY TXT, MICRO MICA,
FLUORMETER READ NONE-V
FAINT

LS: PRED LT TAN- MED TAN, OCC
OFF WHT-LT GY, BLKY-PLTY, MOD
FRM-FRM, SME HRD, TR HL FRAC
POR, TR PP POR, MICRO FN- V FN
XLN, PR INTRXLN POR, W/SH: MED
GY- DK GY, SME BLK CARB SH
INCR, SCAT LT GY, PLTY- SPLTY,
SFT- MOD SFT, SMTH- MOD SMTH
SLTY TXT, FLUORMETER READ
NONE-V FAINT

LKD

KD

-KD

KD

KD

CG 15 U.

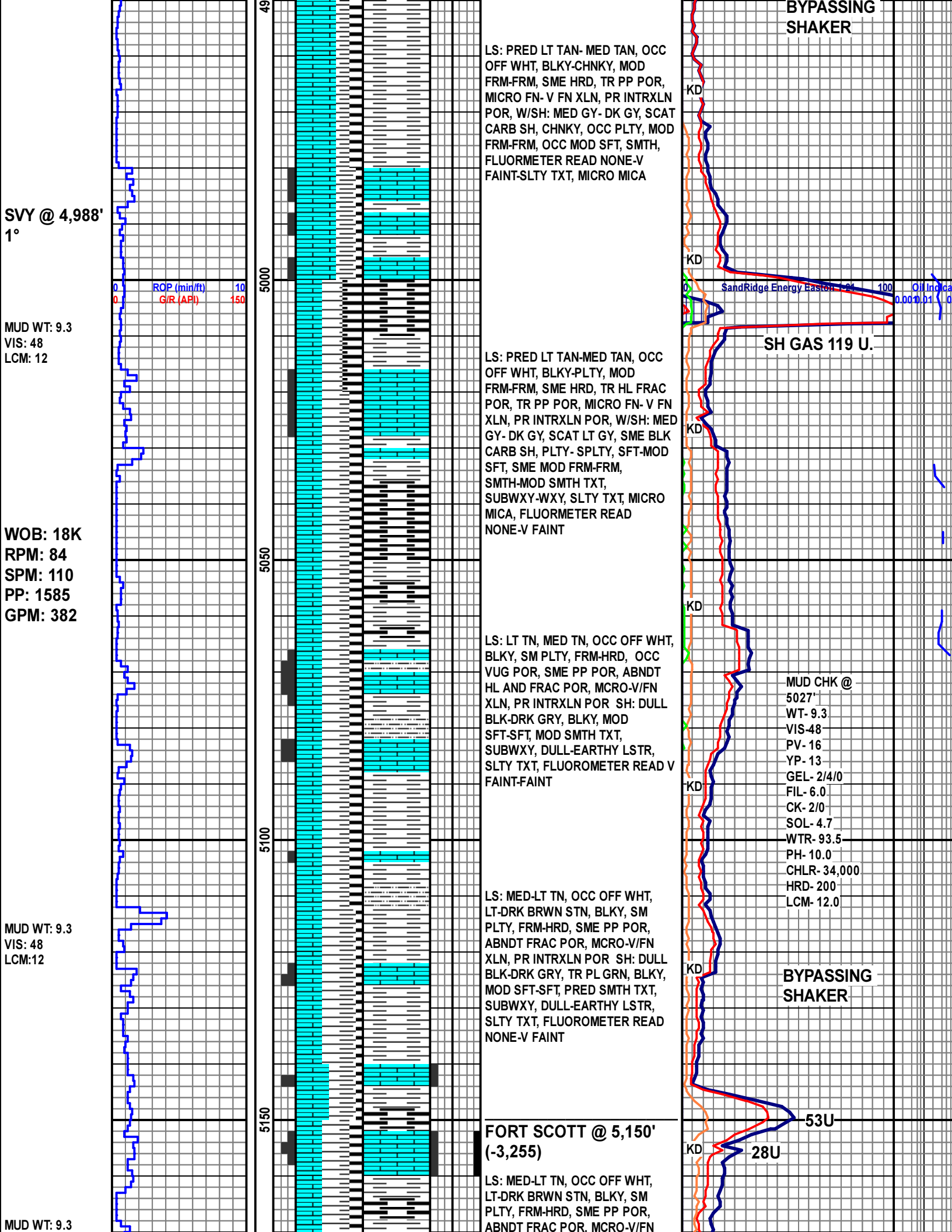
SandRidge Energy Easton 1-21	100	Oil Indica	0.000001	0.01	0
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BYPASSING SHAKER

ADJUST TRAP
MOTORS UP
CG 11 U.

CG 32 U.

SH GAS 79 U.



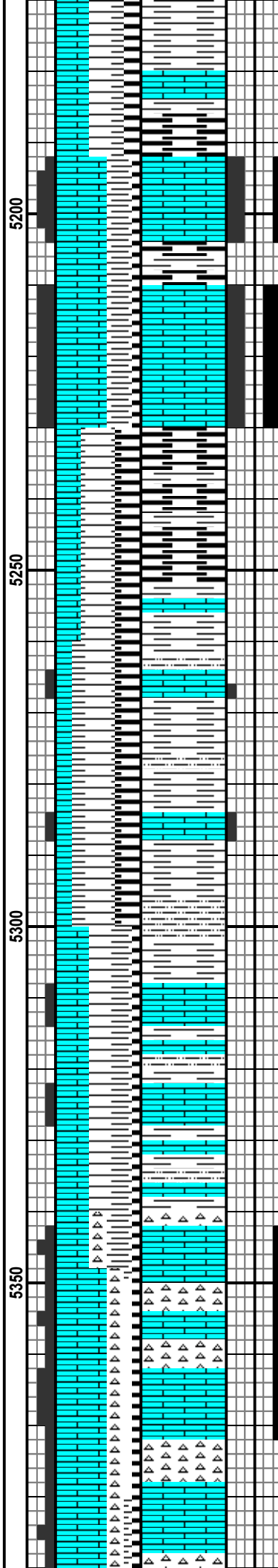
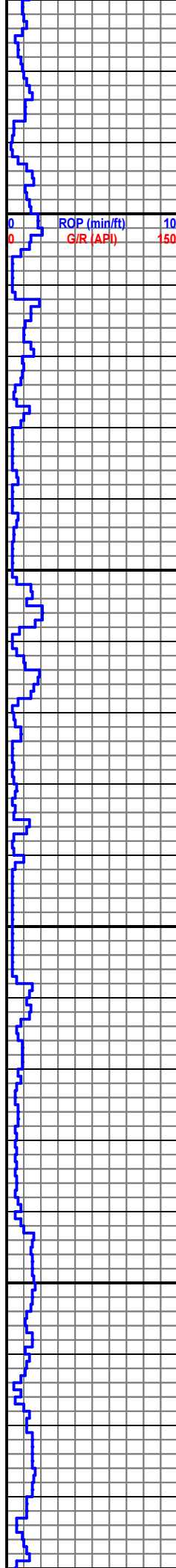
VIS: 44
LCM:12

MUD WT: 9.3
VIS: 48
LCM:12

WOB: 13K
RPM: 80
SPM: 113
PP: 1287
GPM: 402

MUD WT: 9.3
VIS: 42
LCM:12

MUD WT: 9.3
VIS: 45
LCM:12



XLN, PR INTRXLN POR SH: DULL
BLK-DRK GRY, TR PL GRN, BLKY,
MOD SFT-SFT, PRED SMTH TXT,
SUBWXY, EARTHY LSTR, SLTY
TXT, FLUORMETER READ V
FAINT-FAINT

CHEROKEE @ 5191' (-3,296')

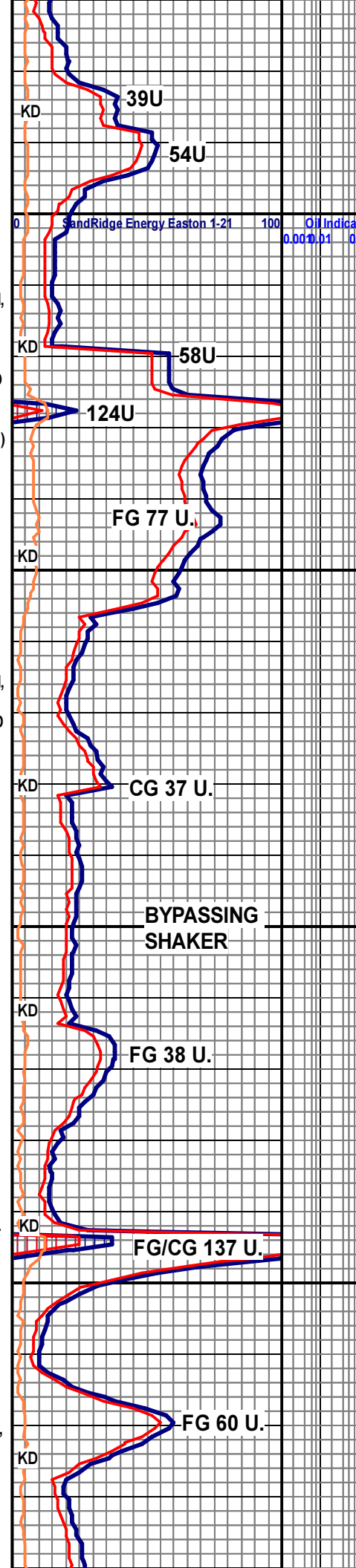
LS: LT TAN- MED TAN, OCC OFF
WHT, BLKY-CHNKY, MOD FRM-FRM,
SME HRD, TR PP POR, MICRO FN-
V FN XLN, PR INTRXLN POR,
W/SH: MED GY- DK GY, SCAT
CARB SH, CHNKY, OCC PLTY, MOD
FRM-FRM, OCC MOD SFT, SMTH,
SLTY TXT, OCC MICRO MICA,
FLUORMETER READ V GOOD (164)

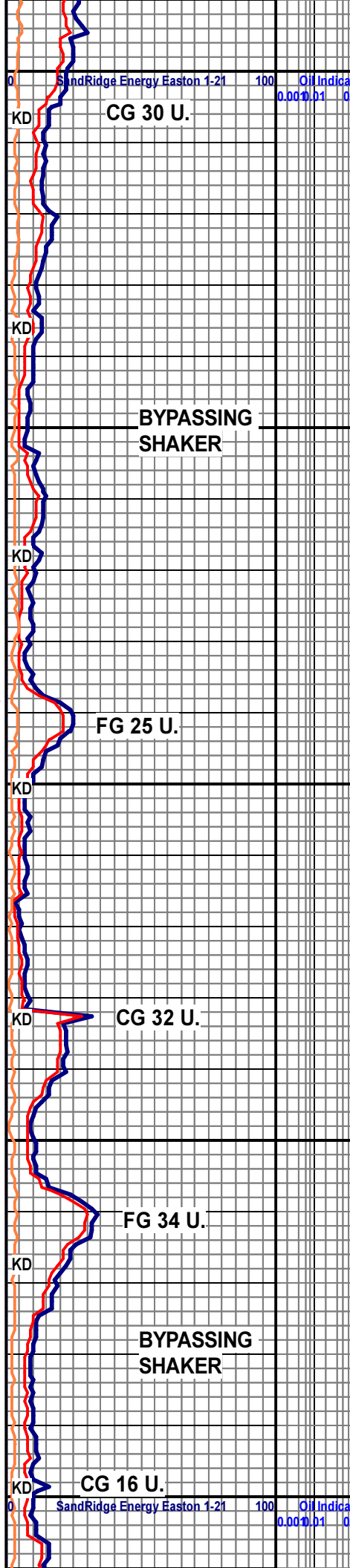
LS: TAN, LT TN- OFF WHT,
BLKY-CHNKY, MOD FRM-V/FRM,
SME HRD, TR VUG POR, MICRO
FN- V FN XLN, PR INTRXLN POR,
W/HTSH: BLK, V/DRK GRY, DULL,
CHNKY, OCC BLKY, MOD FRM-FRM,
OCC MOD SFT, MED CRSE TXT,
MICRO MICA, FLUORMETER READ
FAINT-FAIR

LS: LT TAN- OFF WHT,
BLKY-CHNKY, MOD FRM-FRM, SME
HRD, TR PP POR, MICRO FN- V FN
XLN, PR INTRXLN POR, W/HTSH:
BLK, V/DRK GRY, CHNKY, OCC
BLKY, MOD FRM-FRM, OCC MOD
SFT, MED CRSE TXT,
FLUORMETER READ V
FAINT-FAINT

MISSISSIPPI @ 5,342' (-3,447')

LS: LT TAN- OFF WHT,
BLKY-CHNKY, MOD FRM-FRM, SME
HRD, MICRO-V/FN XLN, PR
INTRXLN POR, SME HL FRAC POR,
ABNDT FRAC POR, SM VUG POR,
TR PYR CHRT: WHT, OFF WHT,
OPQ, BLKY-CHUNKY, SMTH TXT,
SUB CONCH, V/HRD, VIT LSTR
W/HTSH: BLK, CHNKY, MOD FRM
WXY-SUBWXY TXT, FLUORMETER
READ NONE V FAINT





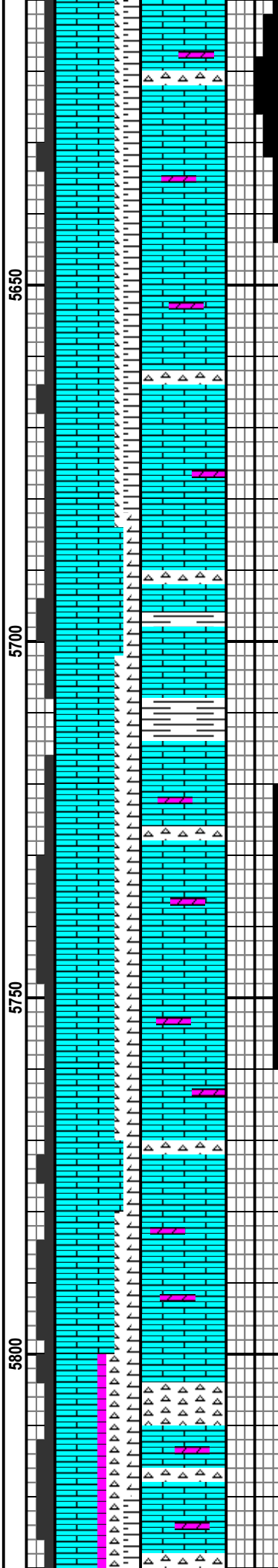
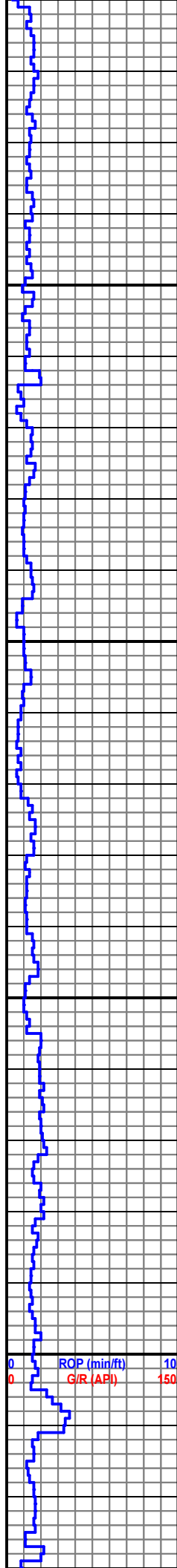
LCM:12

WOB: 19K
RPM: 90
SPM: 115
PP: 1526
GPM: 405

MUD WT: 9.3
VIS: 45
LCM:12

PUMP SWEEP

MUD WT: 9.3
VIS: 44
LCM:10



LS: LT TAN-OFF WHT, BCMING
MSTLY WHT, BLKY-CHNKY, MOD
FRM-FRM, SME HRD, BCMING MOD
SFT-SFT, MICRO-V FN XLN, PR
INTRXLN POR, PRED HL FRAC
POR, ABNDT FRAC POR, OCC PP
VUG POR, TR FREE PYR W/ SCAT
CHRT: WHT, OPQ, BLKY-FLKY,
SMTH TXT, V HRD, TR SCAT SH, LT
GY, OCC GRN-LY GRN, W/
EMBEDDED PYR, FLUORMETER
READ GOOD

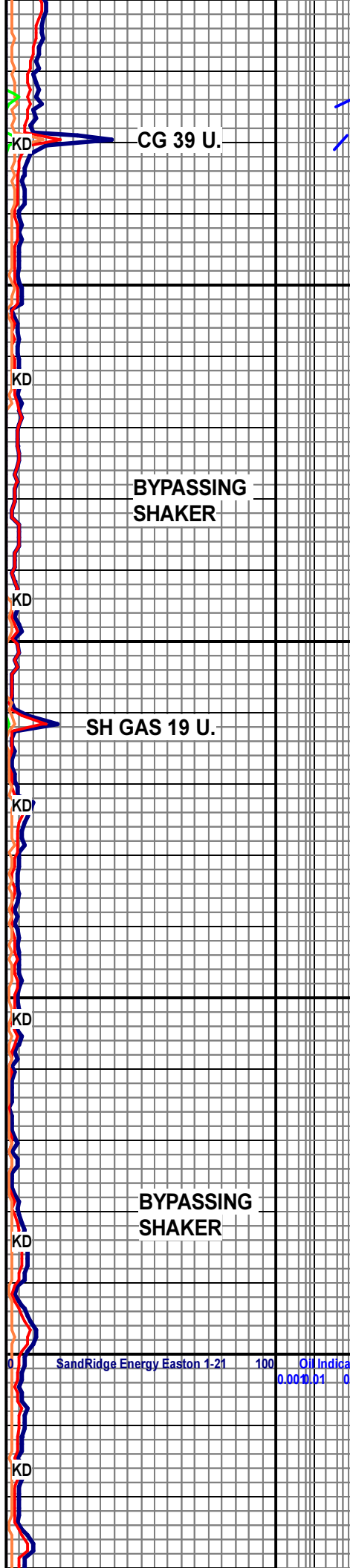
LS: WHT-OFF WHT, OCC LT TAN,
TR LT GY, BLKY-CHNKY, MOD
FRM-FRM, SME MOD SFT-SFT, OCC
CHLKY, MICRO-V FN XLN, PR
INTRXLN POR, PRED HL FRAC
POR, OCC PP POR, TR PYR W/
SCAT CHRT: MSTLY WHT, OPQ,
BLKY-FLKY, SMTH TXT, V HRD, TR
SCAT LT GY-GRN SH W/
EMBEDDED PYR, FLUORMETER
READ V FAINT-FAINT

LS: WHT-OFF WHT, SME LT
TAN-TAN, BLKY, OCC PLTY, MOD
FRM-FRM, SME HRD, BCMING MOD
SFT-SFT, MICRO-V FN XLN, PR
INTRXLN POR, PRED HL FRAC
POR, ABNDT FRAC POR, OCC PP
VUG POR, TR FREE PYR W/ SCAT
CHRT: WHT, OPQ, BLKY-FLKY,
SMTH TXT, V HRD, TR SCT SH W/
EMBEDDED PYR, FLUORMETER
READ V FAINT-FAINT

LS: LT TAN-OFF WHT, BCMING
MSTLY WHT, BLKY-CHNKY, MOD
FRM-FRM, SME HRD, BCMING MOD
SFT-SFT, MICRO-V FN XLN, PRED
HL FRAC POR, ABNDT FRAC POR,
OCC PP VUG POR, TR FREE PYR
W/ SCAT CHRT: WHT, OPQ,
BLKY-FLKY, SMTH TXT, V HRD, TR
SCT SH W/ EMBEDDED PYR,
FLUORMETER READ V
FAINT-FAINT

OSAGE @ 5,804' (-3,909)

LS: PRED OFF WHT-CRM, SME LT
TAN-TAN, OCC LT GY,
RND-SUBRND, BLKY, FRM-SLI HRD,
SME MOD FRM-FRM, TR SFT, PR
INTRXLN POR, PP POR, OCC PP
VUG POR, V EN-EN XLN SCAT



CG 39 U.

BYPASSING
SHAKER

SH GAS 19 U.

BYPASSING
SHAKER

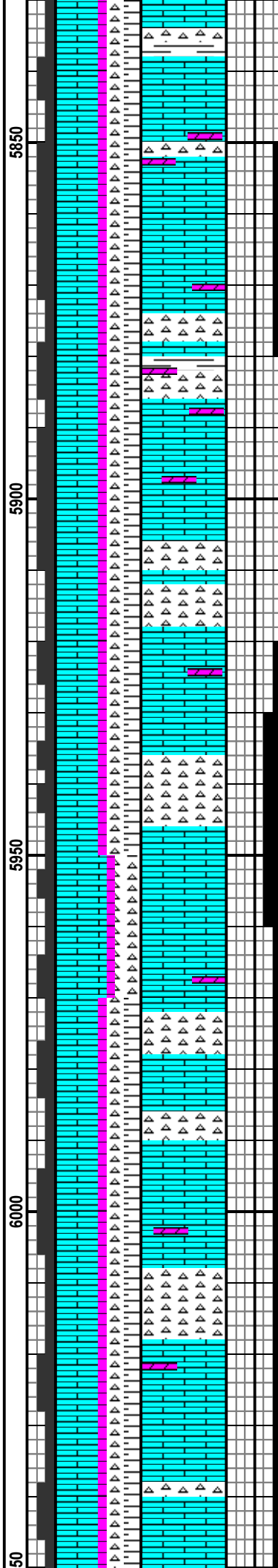
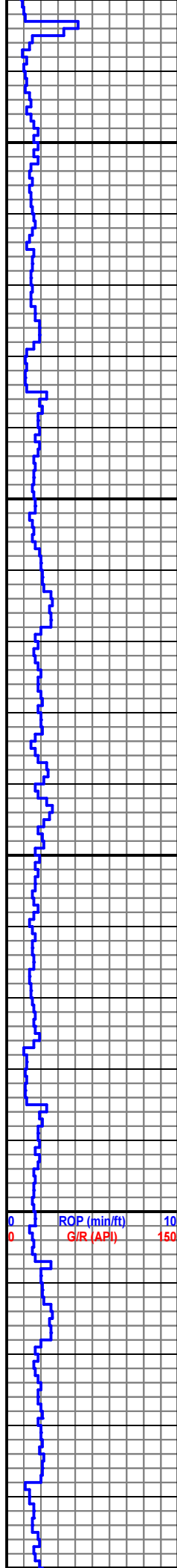
SandRidge Energy Easton 1-21

Oil Indica
0.001 01 0

WOB: 18K
RPM: 87
SPM: 112
PP: 1296
GPM: 392

MUD WT: 9.3
VIS: 45
LCM:10

MUD WT: 9.4
VIS: 55
LCM: 6



VUG POR, V FN-FN XLN, SCAT
SUCR DOL, W/ CHRT: WHT,
CLR-OPQ, CHNKY, V HRD, SCAT
SH, FLUORMETER READ V
FAINT-FAINT

LS: OFF WHT-CRM, SME LT
TAN-TAN, PLTY, SMTH TXT,
FRM-V/FRM, SME HRD, TR SFT, PR
INTRXLN POR, SME PP POR, OCC
HL FRAC POR, V FN-FN XLN, SCAT
SUCR DOL, W/ CHRT: WHT,
CLR-OPQ, CHNKY, V HRD, SCAT
SH, FLUORMETER READ
FAINT-FAIR

LS: OFF WHT-CRM, SME LT
TAN-TAN, TR LT GY, PLTY SMTH
TXT, SME BLKY, FRM-SLI HRD,
SME MOD FRM, TR SFT, PR
INTRXLN POR, OCC PP VUG POR,
MICRO- V FN XLN, SCAT SUCR
DOL, W/ CHRT: WHT, CLR-OPQ,
CHNKY, V HRD, SCAT SH,
FLUORMETER READ FR-GD

LS: PRED OFF WHT-CRM, SME LT
TAN-TAN, OCC LT GY,
RND-SUBRND, BLKY, FRM-SLI HRD,
SME MOD FRM-FRM, TR SFT, PR
INTRXLN POR, PP POR, OCC PP
VUG POR, V FN-FN XLN, SCAT
SUCR DOL, W/ CHRT: WHT,
CLR-OPQ, CHNKY, V HRD, SCAT
SH, FLUORMETER READ V FR-FR

LS: OFF WHT-CRM, SME LT
TAN-TAN, PLTY, SMTH TXT,
FRM-V/FRM, SME HRD, TR SFT, PR
INTRXLN POR, SME PP POR, OCC
HL FRAC POR, V FN-FN XLN, SCAT
SUCR DOL, W/ CHRT: WHT,
CLR-OPQ, CHNKY, V HRD, SCAT
SH, FLUORMETER READ FR-GD

FG 14 U.

CG 14 U.

CG 17 U.

BYPASSING
SHAKER

CG 17 U.

MUD CHK @
6057'
WT- 9.3
VIS- 60
PV- 18
YP- 16
GEL- 2/4/0
FIL- 5.8
CK- 2/0
SOL- 6.6

