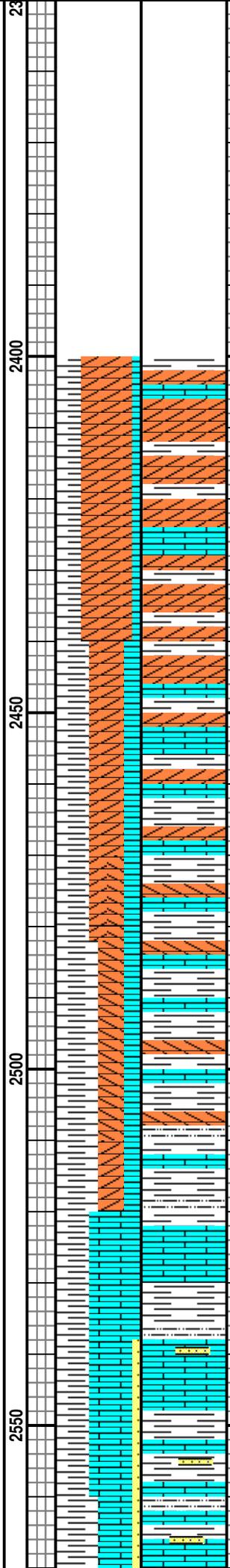


BEGAN LOGGING SAMPLES ON 4/29/2013 @ 2,400' MD

MD 2425 TVD 2424.96
INC 0.03 AZ 123.77
VS 5.88

WOB: 19 K
RPM: 64
SPM: 161
PP: 2432
GPM: 569



SANDRIDGE ENERGY, INC
GABRIEL 3120 2-12H
SEC 13-T31S-R20W
COMANCHE CO, KS GR
2,051' KB 2,071' API#
15-033-21699-01-00

DRILLING W/ NB #2 8.75" HUGHES-AT 506X, SER# 7143805 6X13'S IN @ 918'

ANHY: PRED WHT TO OFF WHT, SME CRM TO LT GRY, TR WHT & BLK MARBLEING, MOD FRM TO FRM, OCC SFT, BLKY, CHN KY, OCC FLKY, FN TXT TO V FN TXT, SH: MSTLY MED TO DRK GRY, SME REDISH BRWN, SFT TO MOD SFT, OCC FRM, PLTY, BLKY, CHNKY, MOD RGH TXT, LS: WHT TO OFF WHT, MOD FRM TO FRM, OCC SFT, FN XLN TO V FN LXN, NO VIS FLOR, NO CUT, NO RESD RNG

BASE OF ANHYDRITE @ 2,443' MD (-372')

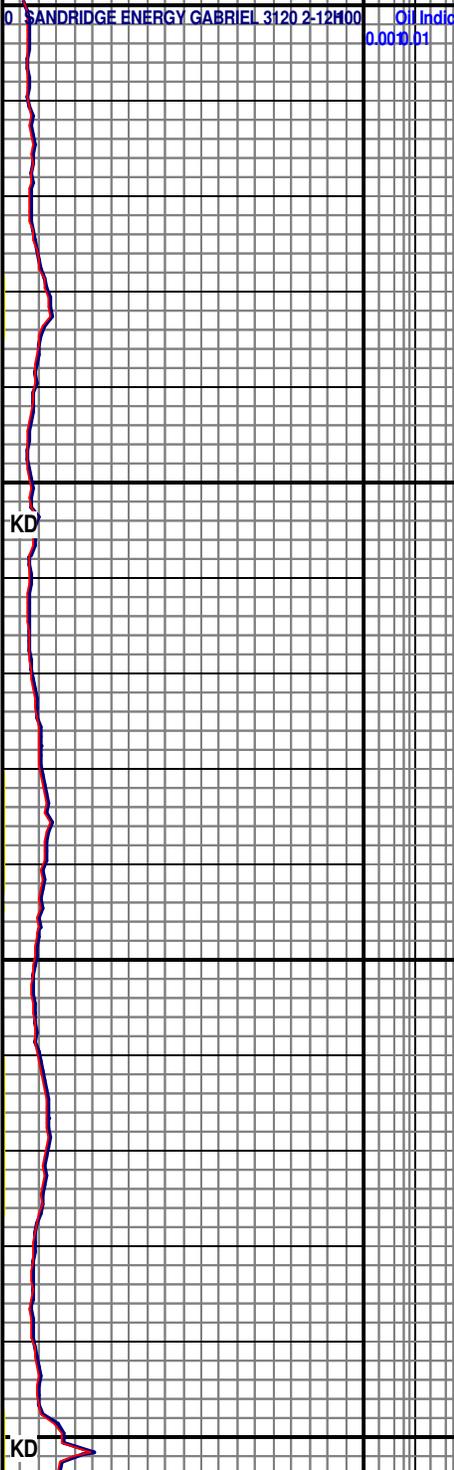
SH: PRED LT GRY TO MED GRY, SME DRK GRY, SME REDISH BRWN, MSTLY SFT TO MOD FRM, SME FRM, PLTY, CHNKY, BLKY, MOD RGH SLTY TXT, ANHY: WHT TO OFF WHT, SME CRM TO LT GRY, MOD FRM TO FRM, TR SFT, BLKY, CHNKY, FLKY, FN TXT TO V FN TXT, LS: WHT TO OFF WHT, MOD FRM TO FRM, FN XLN TO V FN XLN, NO FLOR, NO CUT, NO RESD RNG

LS: MSTLY WHT TO OFF WHT, SME LT GRY TO CRM, MOD FRM TO FRM, OCC SFT, FN XLN TO V FN XLN, SH: LT GRY TO MED GRY, SME DRK GRY, OCC REDISH BRWN, SFT TO MOD FRM, PLTY, FLKY, CHNKY, NO VIS FLOR, NO CUT, NO RESD RNG

BLOODHOUND 727
ATTENUATION 60%

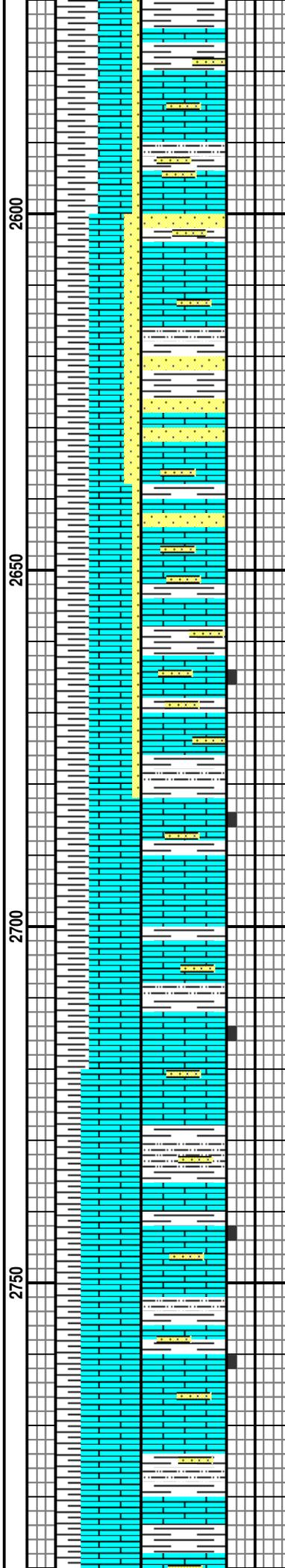
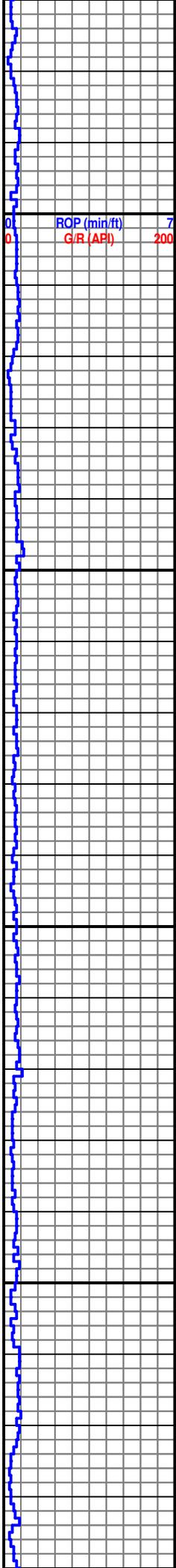
GAS SCALE 0-100
UNITS

GAS



KD

WOB: 15.5K
RPM: 62
SPM: 159
PP: 2550
GPM: 564



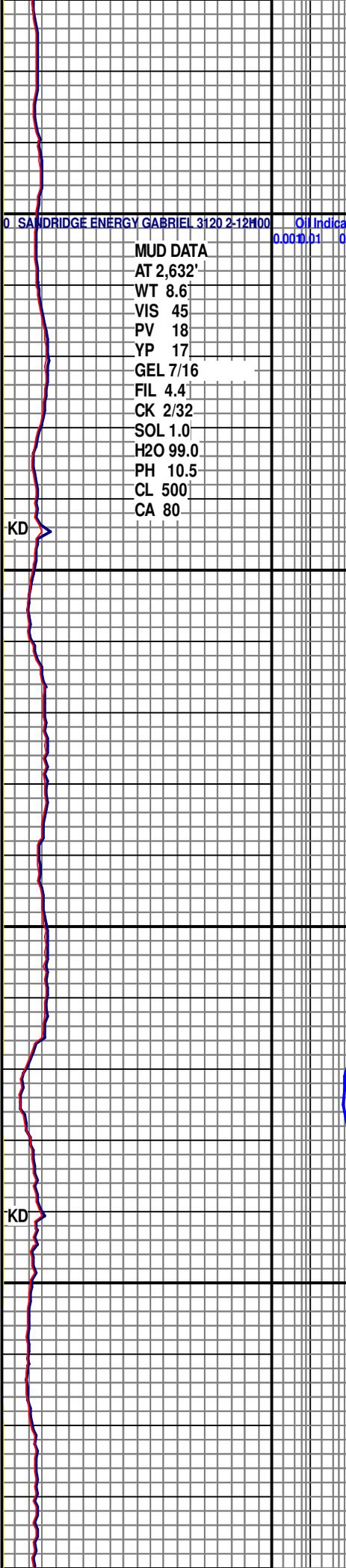
LS: MSTLY OFF WHT- LT TAN, SME
LT GY, PRED MOD FRM- SFT, BLKY-
PLTY, TR HL FRAC, V FN- FN XLN,
SH: LT GY- MED GY, SME BRN,
OCC GRN, MOD FRM- MOD SFT,
MSTLY PLTY, MOD RGH SLTY TXT, ,
SME SS: CLR, FN-MED GRNS,
CONSL, SUB RND, NO FLOR, NO
CUT, NO RES RING

LS: MSTLY OFF WHT- LT TAN, SME
LT GY, PRED MOD FRM- SFT, BLKY-
PLTY, TR HL FRAC, V FN- FN XLN,
SH: LT GY- MED GY, SME BRN,
OCC GRN, MOD FRM- MOD SFT,
MSTLY PLTY, MOD RGH SLTY TXT, ,
SME SS: CLR, FN-MED GRNS,
CONSL, SUB RND, NO FLOR, NO
CUT, NO RES RING

LS: MSTLY OFF WHT- LT TAN, SME
LT GY, PRED MOD FRM- SFT, BLKY-
PLTY, TR HL FRAC, V FN- FN XLN,
SH: LT GY- MED GY, SME BRN,
OCC GRN, MOD FRM- MOD SFT,
MSTLY PLTY, MOD RGH SLTY TXT,
TRC SS: CLR, FN-MED GRNS,
CONSL, SUB RND, TRC YEL FLOR,
NO CUT, NO RES RING

LS: MSTLY OFF WHT- LT TAN, SME
LT GY, PRED MOD FRM- SFT, BLKY-
PLTY, TR HL FRAC, V FN- FN XLN,
SH: LT GY- MED GY, SME BRN,
OCC GRN, MOD FRM- MOD SFT,
MSTLY PLTY, MOD RGH SLTY TXT,
TRC SS: CLR, FN-MED GRNS,
CONSL, SUB RND, PR YEL FLOR,
NO CUT, NO RES RING

LS: MSTLY OFF WHT- LT TAN, SME
LT GY, PRED MOD FRM- SFT, BLKY-
PLTY, TR HL FRAC, V FN- FN XLN,
SH: LT GY- MED GY, SME BRN,
MOD FRM- MOD SFT, MSTLY PLTY,
MOD RGH SLTY TXT, TRC SS: CLR,
FN-MED GRNS, CONSL, SUB RND.



0 SANDRIDGE ENERGY GABRIEL 3120 2-12H00 Oil Indica 0.00101 0

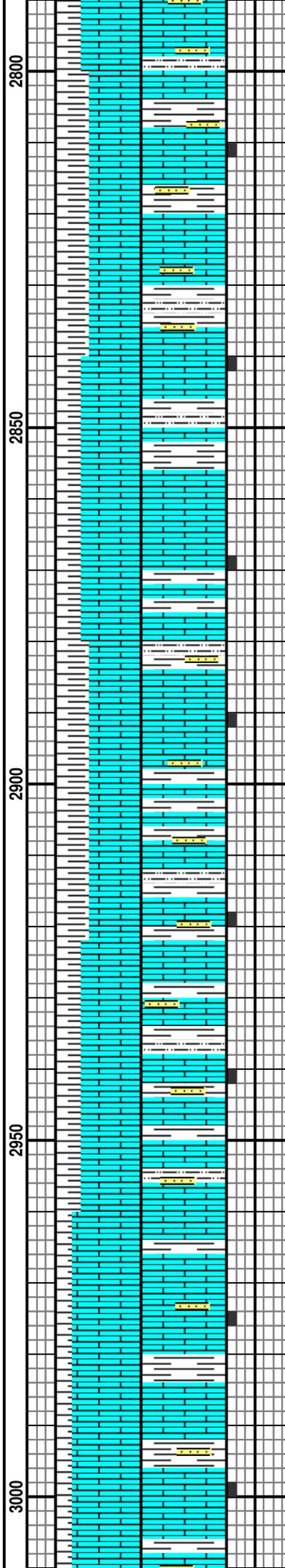
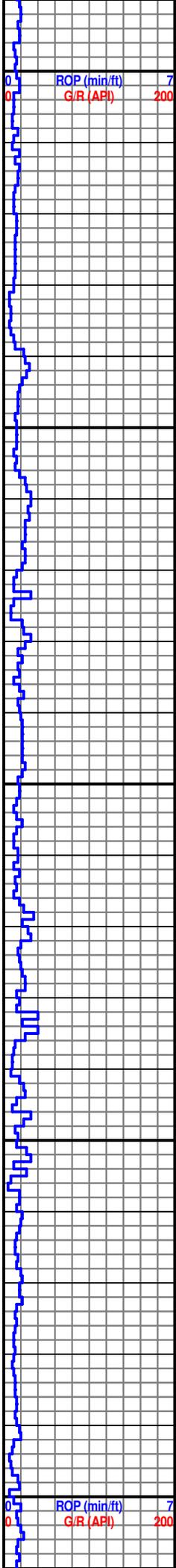
MUD DATA

AT 2,632'
WT 8.61
VIS 45
PV 18
YP 17
GEL 7/16
FIL 4.4
CK 2/32
SOL 1.0
H2O 99.0
PH 10.5
CL 500
CA 80

KD

KD

WOB:16 K
RPM: 60
SPM: 178
PP: 1695
GPM:405



PR YEL FLOR, NO CUT, NO RES RING

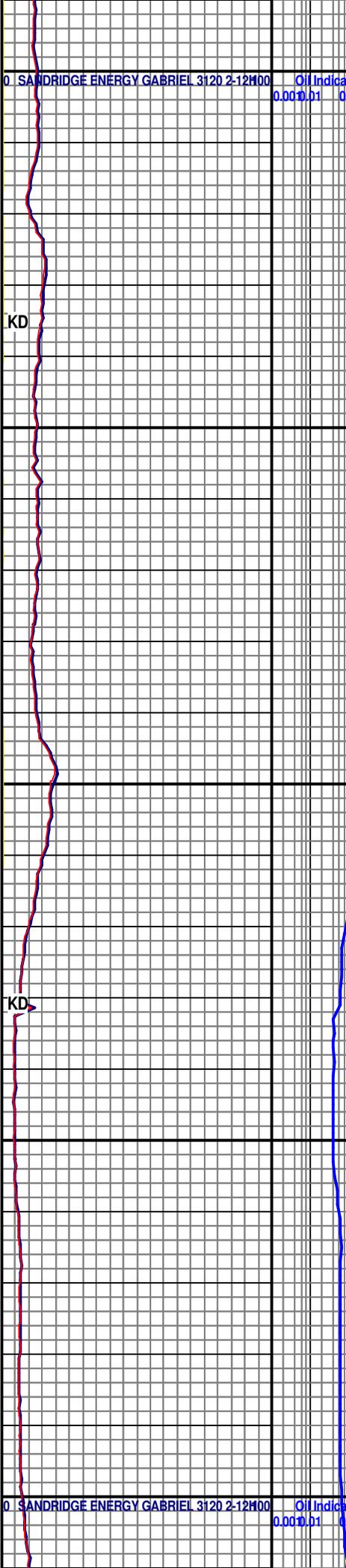
LS: MSTLY OFF WHT- LT TAN, SME LT GY, PRED MOD FRM- SFT, BLKY- PLTY, TR HL FRAC, V FN- FN XLN, SH: LT GY- MED GY, SME BRN, OCC RD, MOD FRM- MOD SFT, MSTLY PLTY, MOD RGH SLTY TXT, TRC SS: CLR, FN-MED GRNS, CONSL, SUB RND, PR YEL FLOR, NO CUT, NO RES RING

LS: MSTLY OFF WHT- LT TAN, SME LT GY, PRED MOD FRM- SFT, BLKY- PLTY, TR HL FRAC, V FN- FN XLN, SH: LT GY- MED GY, SME BRN, OCC RD, MOD FRM- MOD SFT, MSTLY PLTY, MOD RGH SLTY TXT, PR YEL FLOR, NO CUT, NO RES RING

LS: MSTLY OFF WHT- LT TAN, SME LT GY, PRED MOD FRM- SFT, BLKY- PLTY, TR HL FRAC, V FN- FN XLN, SH: LT GY- MED GY, SME BRN, OCC RD, MOD FRM- MOD SFT, MSTLY PLTY, MOD RGH SLTY TXT, TR SS: CLR-WH, WELL CONSL, FN GRNS, PR YEL FLOR, NO CUT, NO RES RING

LS: MSTLY OFF WHT- LT TAN, SME LT GY, MTTLD WH-GY, PRED MOD FRM- SFT, BLKY- PLTY, TR HL FRAC, V FN- FN XLN, SH: LT GY- MED GY, SME BRN, OCC RD, MOD FRM- MOD SFT, MSTLY PLTY, MOD RGH SLTY TXT, TR SS: CLR-WH, WELL CONSL, FN GRNS, PR YEL FLOR, NO CUT, NO RES RING

LS: MSTLY OFF WHT- LT TAN, SME LT GY, MTTLD WH-GY, PRED MOD



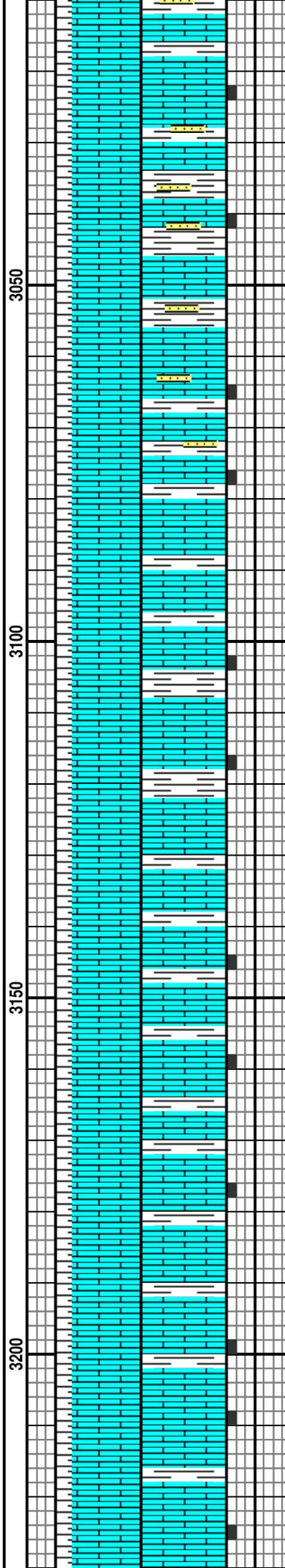
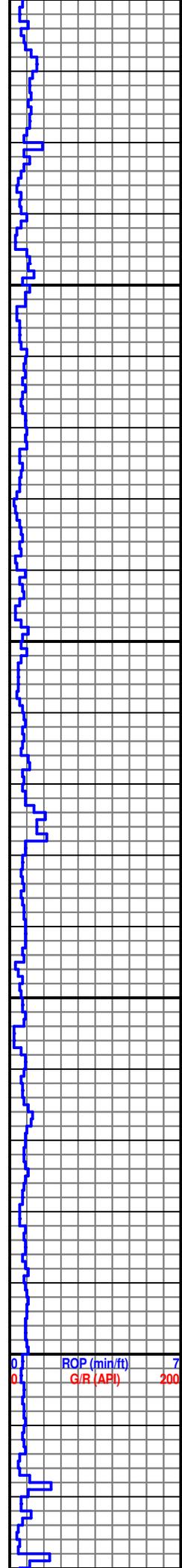
MD 2900 TVD 2899.96
INC 0.07 AZ 329.44
VS 5.7

WOB: 15.0K
RPM: 60
SPM: 130
PP: 2000
GPM:405

0 SANDRIDGE ENERGY GABRIEL 3120 2-12H00 Oil Indica 0.001 0.01 0

0 SANDRIDGE ENERGY GABRIEL 3120 2-12H00 Oil Indica 0.001 0.01 0

WOB: 15.0 K
RPM: 60
SPM: 150
PP: 2400
GPM: 529



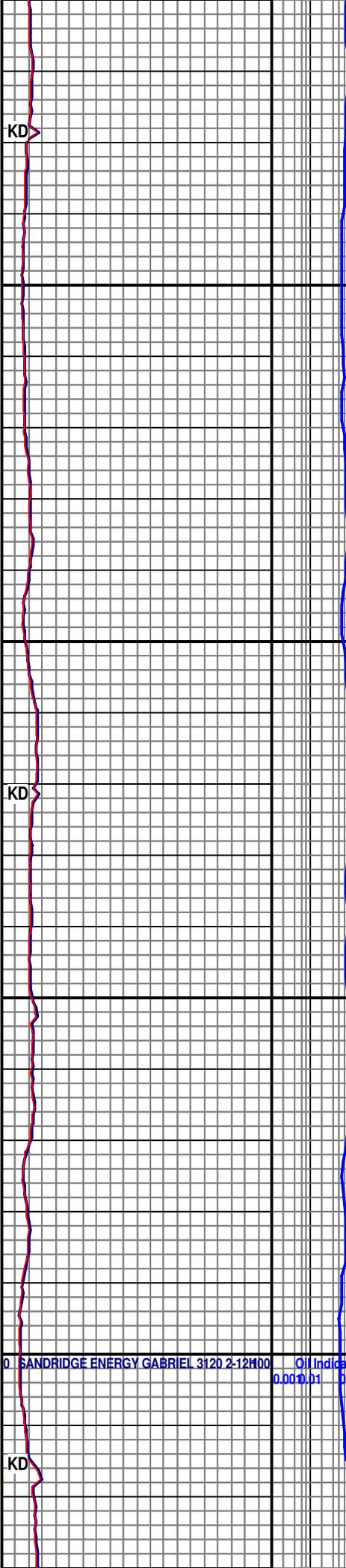
LI GY, MTTLD WH-GY, PRED MOD FRM- SFT, BLKY- PLTY, TR HL FRAC, V FN- FN XLN, SH: LT GY- MED GY, SME BRN, OCC RD, MOD FRM- MOD SFT, MSTLY PLTY, MOD RGH SLTY TXT, TR SS: CLR-WH, WELL CONSL, FN GRNS, PR YEL FLOR, NO CUT, NO RES RING

LS: MSTLY OFF WHT- LT TAN, SME LT GY, MTTLD WH-GY, PRED MOD FRM- SFT, BLKY- PLTY, TR HL FRAC, V FN- FN XLN, SH: LT GY- MED GY, SME BRN, OCC RD, MOD FRM- MOD SFT, MSTLY PLTY, MOD RGH SLTY TXT, TR SS: CLR-WH, WELL CONSL, FN GRNS, PR YEL FLOR, NO CUT, NO RES RING

LS: MSTLY OFF WHT- LT TAN, SME LT GY, MTTLD WH-GY, PRED MOD FRM- SFT, BLKY- PLTY, TR HL FRAC, V FN- FN XLN, SH: LT GY- MED GY, SME BRN, OCC RD, MOD FRM- MOD SFT, MSTLY PLTY, MOD RGH SLTY TXT, TR SS: CLR-WH, WELL CONSL, FN GRNS, PR YEL FLOR, NO CUT, NO RES RING

LS: MSTLY OFF WHT- LT TAN, SME LT GY, MTTLD WH-GY, PRED MOD FRM- SFT, BLKY- PLTY, TR HL FRAC, V FN- FN XLN, SH: LT GY- MED GY, SME BRN, OCC RD, MOD FRM- MOD SFT, MSTLY PLTY, MOD RGH SLTY TXT, TR SS: CLR-WH, WELL CONSL, FN GRNS, PR YEL FLOR, NO CUT, NO RES RING

LS: MSTLY OFF WHT- LT TAN, SME LT GY, MTTLD WH-GY, PRED MOD FRM- SFT, BLKY- PLTY, TR HL FRAC, V FN- FN XLN, SH: LT GY- MED GY, SME BRN, OCC RD, MOD FRM- MOD SFT, MSTLY PLTY, MOD RGH SLTY TXT, PR YEL FLOR, NO CUT, NO RES RING



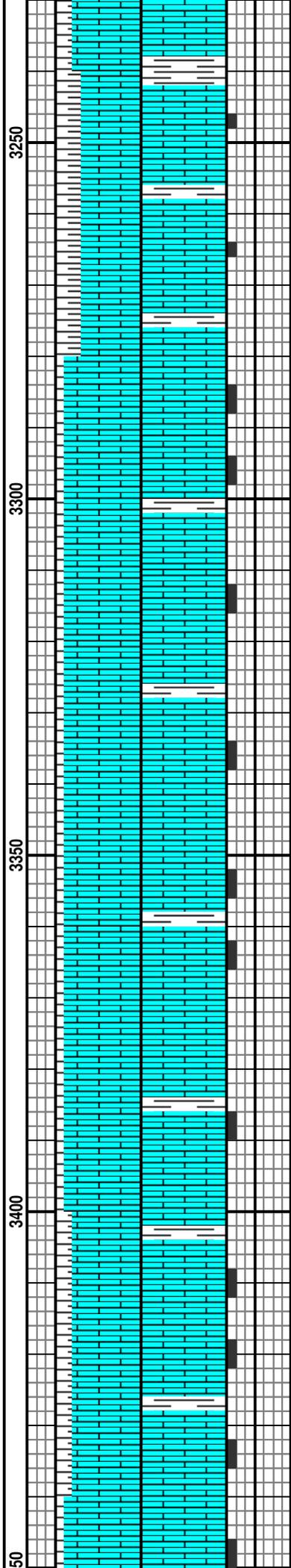
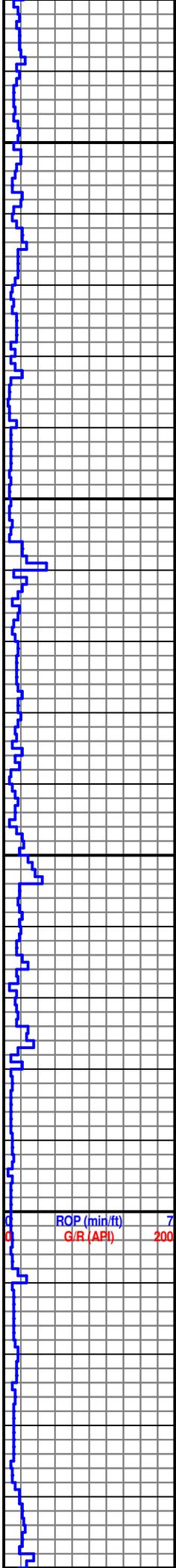
KD

KD

KD

MD 3376 TVD 3375.96
INC 0.13 AZ 177.97
VS 5.99

WOB: 15.0 K
RPM: 60
SPM: 150
PP: 2400
GPM: 529

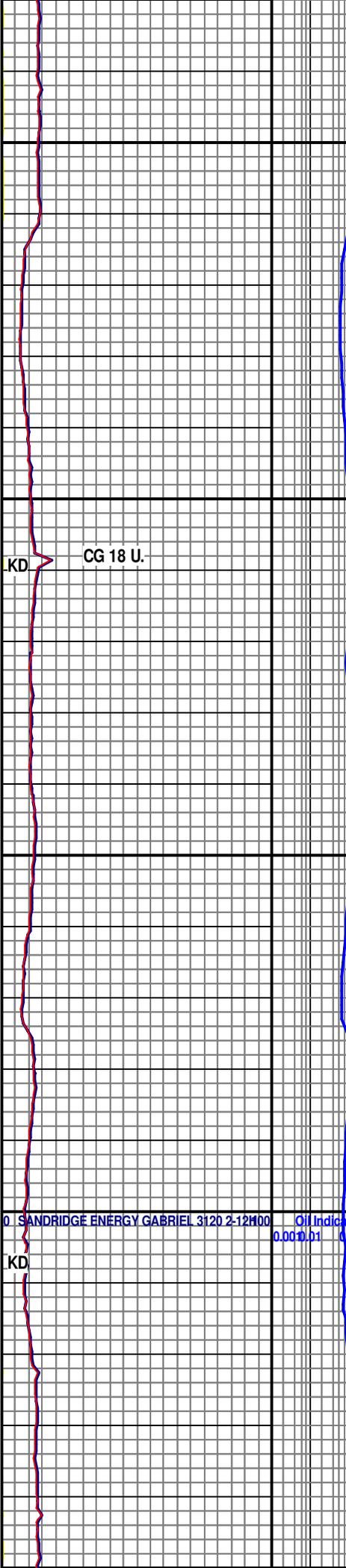


LS: PRED LT GRY TO OFF WHT,
SME WHT TO CRM, OCC MTTLD
WHT, MOD FRM TO SFT, BLKY,
PLTY, TR HL FRAC POR, V FN XLN
TO FN XLN, SH: LT GRY TO MED
GRY, OCC BRN, MOD FRM TO FRM,
SME SFT, PLTY, FLKY, MOD RGH
SLTY TXT, TR BRT YEL FLOR, NO
CUT, NO RESD RNG

LS: MSTLY LT GRY TO OFF WHT,
SME WHT TO CRM, OCC MTTLD
WHT, MOD FRM TO SFT, BLKY,
PLTY, TR HL FRAC POR, V FN XLN
TO FN XLN, SH: LT GRY TO MED
GRY, OCC BRN, MOD FRM TO FRM,
SME SFT, PLTY, FLKY, MOD RGH
SLTY TXT, SME BRT YEL FLOR, NO
CUT, NO RESD RNG

LS: LT GRY TO OFF WHT, SME
WHT TO CRM, OCC MTTLD WHT,
MOD FRM TO SFT, BLKY, PLTY, TR
HL FRAC POR, V FN XLN TO FN
XLN, SH: LT GRY TO MED GRY,
OCC BRN, MOD FRM TO FRM, SME
SFT, PLTY, FLKY, MOD RGH SLTY
TXT, SME BRT YEL FLOR, NO CUT,
NO RESD RNG

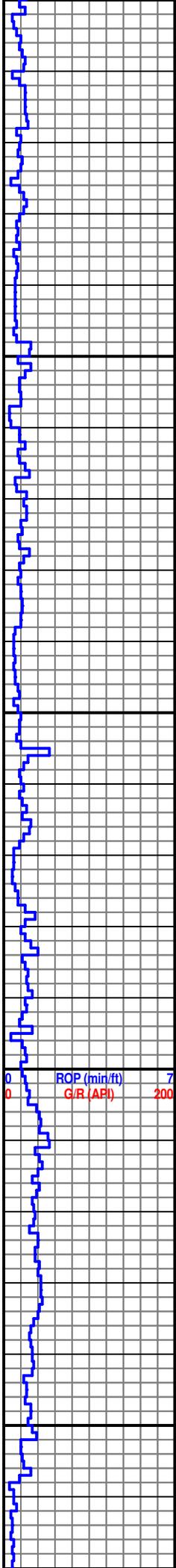
LS: PRED OFF WHT, SME WHT TO
CRM, OCC MTTLD WHT, MOD FRM
TO SFT, BLKY, PLTY, TR HL FRAC
POR, V FN XLN TO FN XLN, SH: LT
GRY TO MED GRY, OCC BRN, MOD
FRM TO FRM, SME SFT, PLTY,
FLKY, MOD RGH SLTY TXT, SME
BRT YEL FLOR, NO CUT, NO RESD
RNG



KD CG 18 U.

0 SANDRIDGE ENERGY GABRIEL 3120 2-12H00 Oil Ind 0.00101

KD



34
3500
3550
3600
3650

LS: MSTLY OFF WHT, SME WHT TO CRM, MOD FRM TO SFT, BLKY, PLTY, TR HL FRAC POR, V FN XLN TO FN XLN, SH: LT GRY TO MED GRY, OCC BRN, MOD FRM TO FRM, SME SFT, PLTY, FLKY, MOD RGH SLTY TXT, SME BRT YEL FLOR, NO CUT, NO RESD RNG

LS: OFF WHT TO WHT, SME DRTY WHT TO CRM, OCC MTTLD WHT, MOD FRM TO SFT, BLKY, CHNKY, PLTY, TR HL FRAC POR, V FN XLN TO FN XLN, SH: LT GRY TO MED GRY, MOD FRM TO FRM, SME SFT, PLTY, BLKY, FLKY, MOD SLTY TXT, SME BRT YEL FLOR THRU OUT, NO CUT, NO RESD RNG

LS: MSTLY WHT TO OFF WHT, SME DRTY WHT TO CRM, MOD FRM TO FRM, SME SFT, CHNKY, PLTY, BLKY, V FN XLN TO FN XLN, SME HL FRAC POR, SH: LT GRY TO MED GRY, FRM TO MOD FRM, PLTY, BLKY, FLKY, OCC CHNKY, FN TXT, SME YEL GRN FLOR, NO VIS CUT, NO RESD RNG

LS: WHT TO OFF WHT, SME DRTY WHT TO LT GRY, OCC MED GRY, FRM TO MOD FRM, SME SFT, PLTY, FLKY, CHNKY, FN XLN TO V FN XLN, TR HL FRAC POR, SME BRT YEL FLOR, NO CUT, NO RESD RNG

LS: MSTLY WHT TO OFF WHT, SME DRTY WHT TO CRM, MOD FRM TO FRM, SME SFT, CHNKY, PLTY, BLKY, V FN XLN TO FN XLN, SME HL FRAC POR, SH: LT GRY TO MED GRY, FRM TO MOD FRM, PLTY, BLKY, FLKY, OCC CHNKY, FN TXT, SME YEL GRN FLOR, NO VIS CUT

KD

KD

CG 13 U.

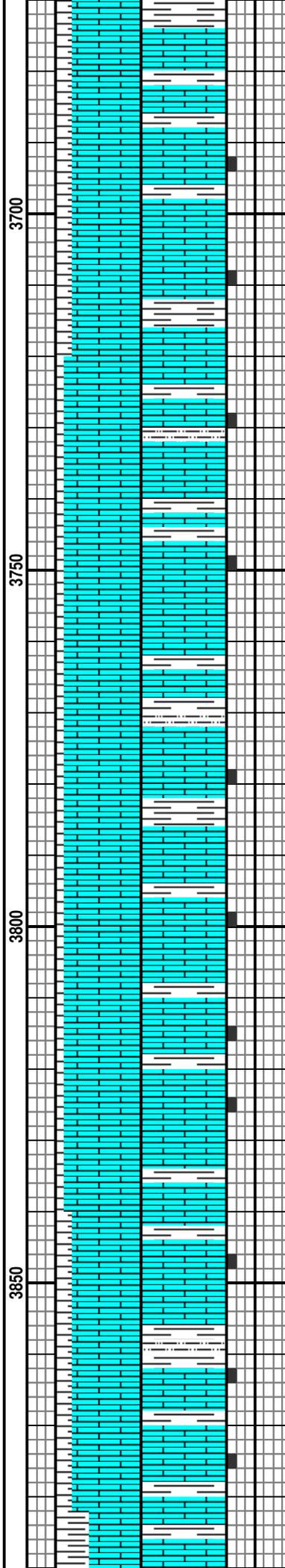
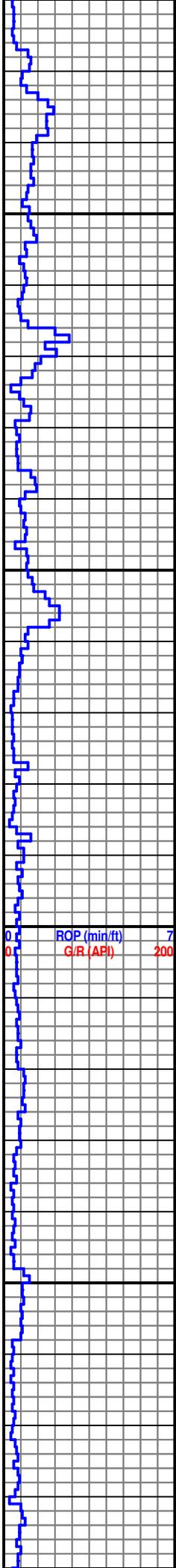
ROP (min/ft) 7
G/R (API) 200

SANDRIDGE ENERGY GABRIEL 3120 2-12H00 Oil Indica 0.00101 0

WOB:19.0 K
RPM: 60
SPM: 151
PP: 2300
GPM:529

4/30/2013

MD 3851 TVD 3850.96
INC 0.04 AZ 243.52
VS 6.61



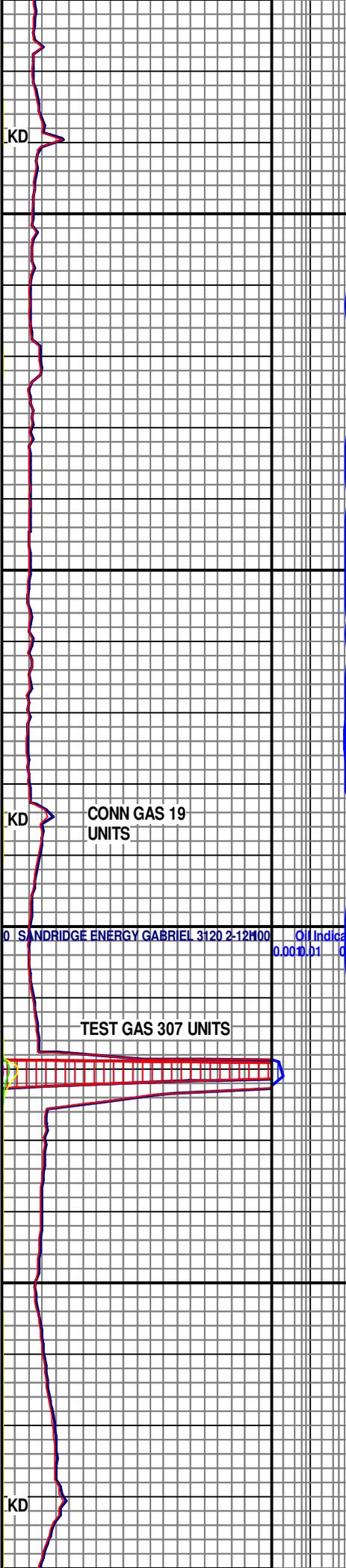
SME YEL GRN FLOR, NO VIS CUT,
NO RESD RNG

LS: MSTLY WHT TO OFF WHT, SME
DRTY WHT TO CRM, MOD FRM TO
FRM, SME SFT, CHNKY, PLTY,
BLKY, V FN XLN TO FN XLN, SME
HL FRAC POR, SH: LT GRY TO MED
GRY, FRM TO MOD FRM, PLTY,
BLKY, FLKY, OCC CHNKY, FN TXT,
SME YEL GRN FLOR, NO VIS CUT,
NO RES RNG

LS: MSTLY WHT TO OFF WHT, SME
DRTY WHT TO CRM, MOD FRM TO
FRM, SME SFT, CHNKY, PLTY,
BLKY, V FN XLN TO FN XLN, SME
HL FRAC POR, SH: LT GRY TO MED
GRY, FRM TO MOD FRM, PLTY,
BLKY, FLKY, OCC CHNKY, FN TXT,
SME YEL GRN FLOR, NO VIS CUT,
NO RES RNG

LS: MSTLY WHT TO OFF WHT, SME
DRTY WHT TO CRM, MOD FRM TO
FRM, SME SFT, CHNKY, PLTY,
BLKY, V FN XLN TO FN XLN, SME
HL FRAC POR, SH: LT GRY TO MED
GRY, FRM TO MOD FRM, PLTY,
BLKY, FLKY, OCC CHNKY, FN TXT,
SME YEL GRN FLOR, NO VIS CUT,
NO RES RNG

LS: MSTLY WHT TO OFF WHT, SME
DRTY WHT TO CRM, MOD FRM TO
FRM, SME SFT, CHNKY, PLTY,
BLKY, V FN XLN TO FN XLN, SME
HL FRAC POR, SH: LT GRY TO MED
GRY, FRM TO MOD FRM, PLTY,
BLKY, FLKY, OCC CHNKY, FN TXT,
SME YEL GRN FLOR, NO VIS CUT,
NO RES RNG



ROP (min/ft) 7
G/R (API) 200

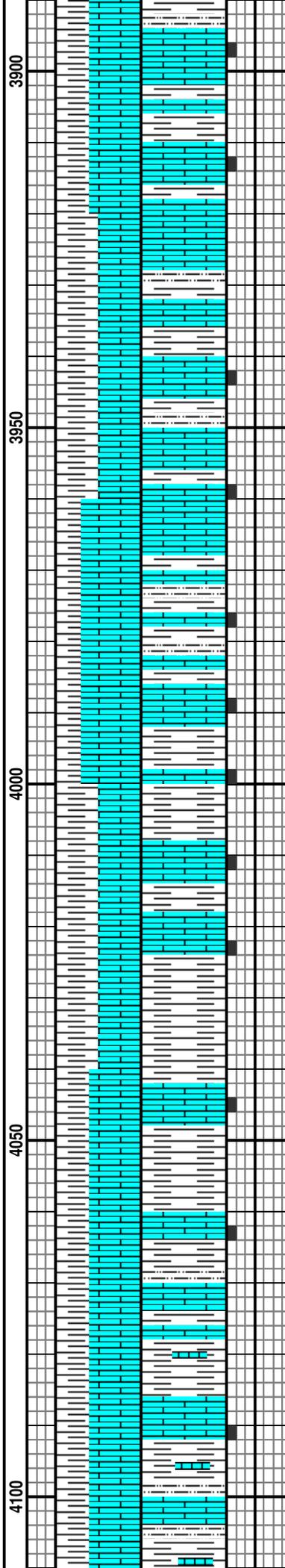
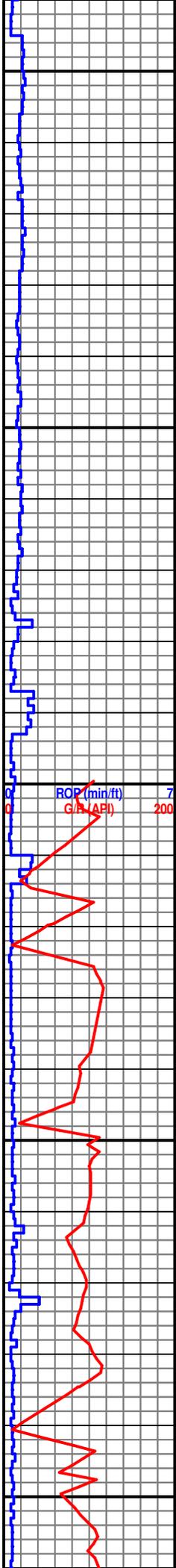
SANDRIDGE ENERGY GABRIEL 3120 2-12H100 Oil Indica
0.00101 0

KD
KD
KD
KD
KD

CONN GAS 19
UNITS

TEST GAS 307 UNITS

WOB:20.0 K
RPM: 63
SPM: 151
PP: 2500
GPM:529

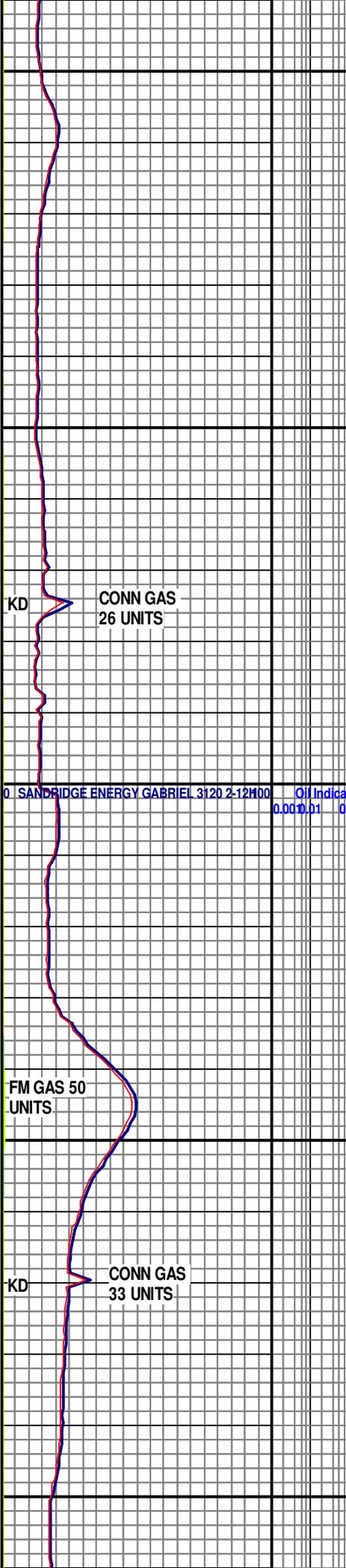


LS: MSTLY WHT TO OFF WHT, SME DRTY WHT TO CRM, MOD FRM TO FRM, SME SFT, CHNKY, PLTY, BLKY, V FN XLN TO FN XLN, SME HL FRAC POR, SH: LT GRY TO MED GRY, FRM TO MOD FRM, PLTY, BLKY, FLKY, OCC CHNKY, FN TXT, SME YEL GRN FLOR, NO VIS CUT, NO RES RNG

LS: MSTLY WHT TO OFF WHT, SME DRTY WHT TO CRM, MOD FRM TO FRM, SME SFT, CHNKY, PLTY, BLKY, V FN XLN TO FN XLN, SME HL FRAC POR, SH: LT GRY TO MED GRY, FRM TO MOD FRM, PLTY, BLKY, FLKY, OCC CHNKY, FN TXT, SME YEL GRN FLOR, NO VIS CUT, NO RES RNG

SH: LT GRY TO MED GRY, FRM TO MOD FRM, PLTY, BLKY, FLKY, OCC CHNKY, FN TXT, LS: MSTLY WHT TO OFF WHT, SME DRTY WHT TO CRM, MOD FRM TO FRM, SME SFT, CHNKY, PLTY, BLKY, V FN XLN TO FN XLN, SME HL FRAC POR, SME YEL GRN FLOR, NO VIS CUT, NO RES RNG

SH: LT GRY TO MED GRY, FRM TO MOD FRM, PLTY, BLKY, FLKY, OCC CHNKY, FN TXT, LS: MSTLY WHT TO OFF WHT, SME DRTY WHT TO CRM, MOD FRM TO FRM, SME SFT, CHNKY, PLTY, BLKY, V FN XLN TO FN XLN, SME HL FRAC POR, SME YEL FLOR, NO VIS CUT, NO RES RNG



WOB:16.0 K
RPM: 63
SPM: 149

MD 4167 TVD 4166.96
INC 0.06 AZ 353.47
VS-6.5

MD 4199 TVD 4198.96
INC 1.17 AZ 16.8
VS-6.17

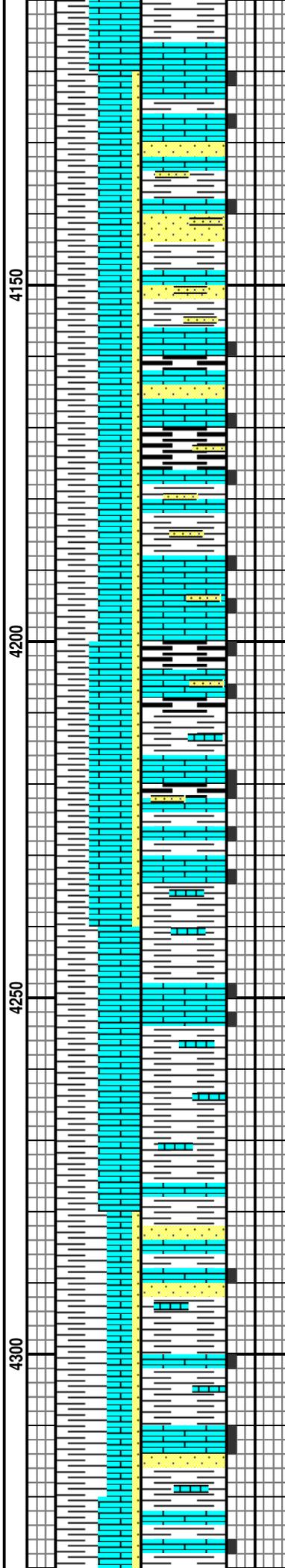
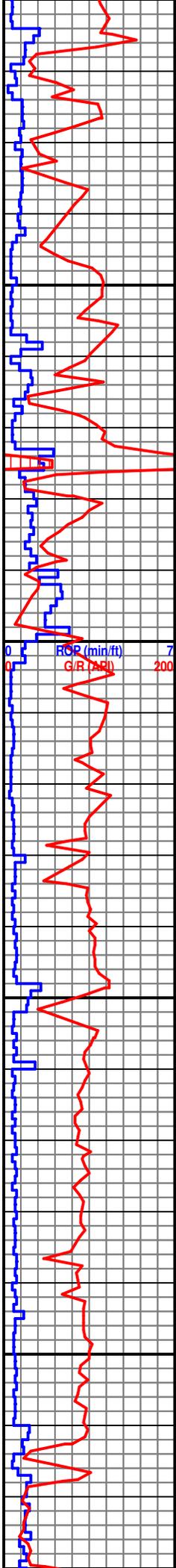
MD 4231 TVD 4230.94
INC 2.88 AZ 20.42
VS-5.08

MD 4262 TVD 4261.86
INC 5.03 AZ 20.1
VS-3.04

MD 4294 TVD 4293.69
INC 6.93 AZ 18.09
VS 0.17

WOB: 14.5 K
RPM: 66
SPM: 141
PP: 2778
GPM: 501

MD 4326 TVD 4325.37
INC 0.10 AZ 17.1



LS: MSTLY WHT TO OFF WHT, SME DRTY WHT TO CRM, MOD FRM TO FRM, SME SFT, CHNKY, PLTY, BLKY, V FN XLN TO FN XLN, SME HL FRAC POR, SH: LT GRY TO MED GRY, FRM TO MOD FRM, PLTY, BLKY, FLKY, OCC CHNKY, FN TXT, SS: PRED LT GY-OFF WHT, OCC GY, MSTLY WELL CONS, SUBRND-SUBANG, MED-FN GRN, SME V FN GRN, PR-MOD SORT, SME YEL FLOR, NO VIS CUT, NO RES RNG

**HEEBNER BASE @ 4,174'
MD/TVD (-2,103')**

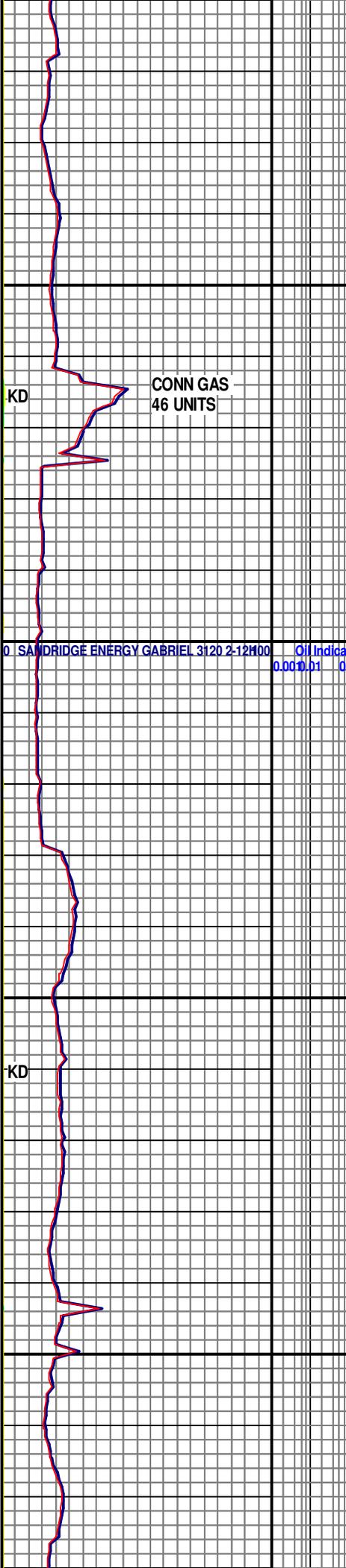
LS: MSTLY WHT TO OFF WHT, SME DRTY WHT TO CRM, MOD FRM TO FRM, SME SFT, CHNKY, PLTY, BLKY, V FN XLN TO FN XLN, SME HL FRAC POR, SH: LT GRY TO MED GRY, SME BLK, FRM TO MOD FRM, PLTY, BLKY, FLKY, OCC CHNKY, FN TXT, SS: PRED LT GY-OFF WHT, OCC GY, MSTLY WELL CONS, SUBRND-SUBANG, MED-FN GRN, SME V FN GRN, PR-MOD SORT, SME YEL FLOR, NO VIS CUT, NO RES RNG

LS: PRED WHT TO OFF WHT, SME DRTY WHT TO CRM, MOD FRM TO FRM, SME SFT, CHNKY, PLTY, BLKY, V FN XLN TO FN XLN, SME HL FRAC POR, SH: LT GRY TO MED GRY, SME BLK, FRM TO MOD FRM, PLTY, BLKY, FLKY, OCC CHNKY, FN TXT, SS: PRED LT GY-OFF WHT, OCC GY, MSTLY WELL CONS, SUBRND-SUBANG, MED-FN GRN, SME V FN GRN, PR-MOD SORT, SME YEL FLOR, NO VIS CUT, NO RES RNG

LS: MSTLY OFF WHT TO WHT, SME CRM TO DRTY WHT, FRM TO MOD FRM, SME SFT, PLTY, CHNKY, BLKY, V FN XLN TO FN XLN, SME HL FRAC POR, SH: MED TO LT GRY, SUB RND TO SUB ANG, OCC RND, FN TO MED FN GRN, MSTLY SFT, SME YEL GRN FLOR, NO CUT, NO RESD RNG,

**LANSING @ 4,316' MD
4,316' TVD (-2,245')**

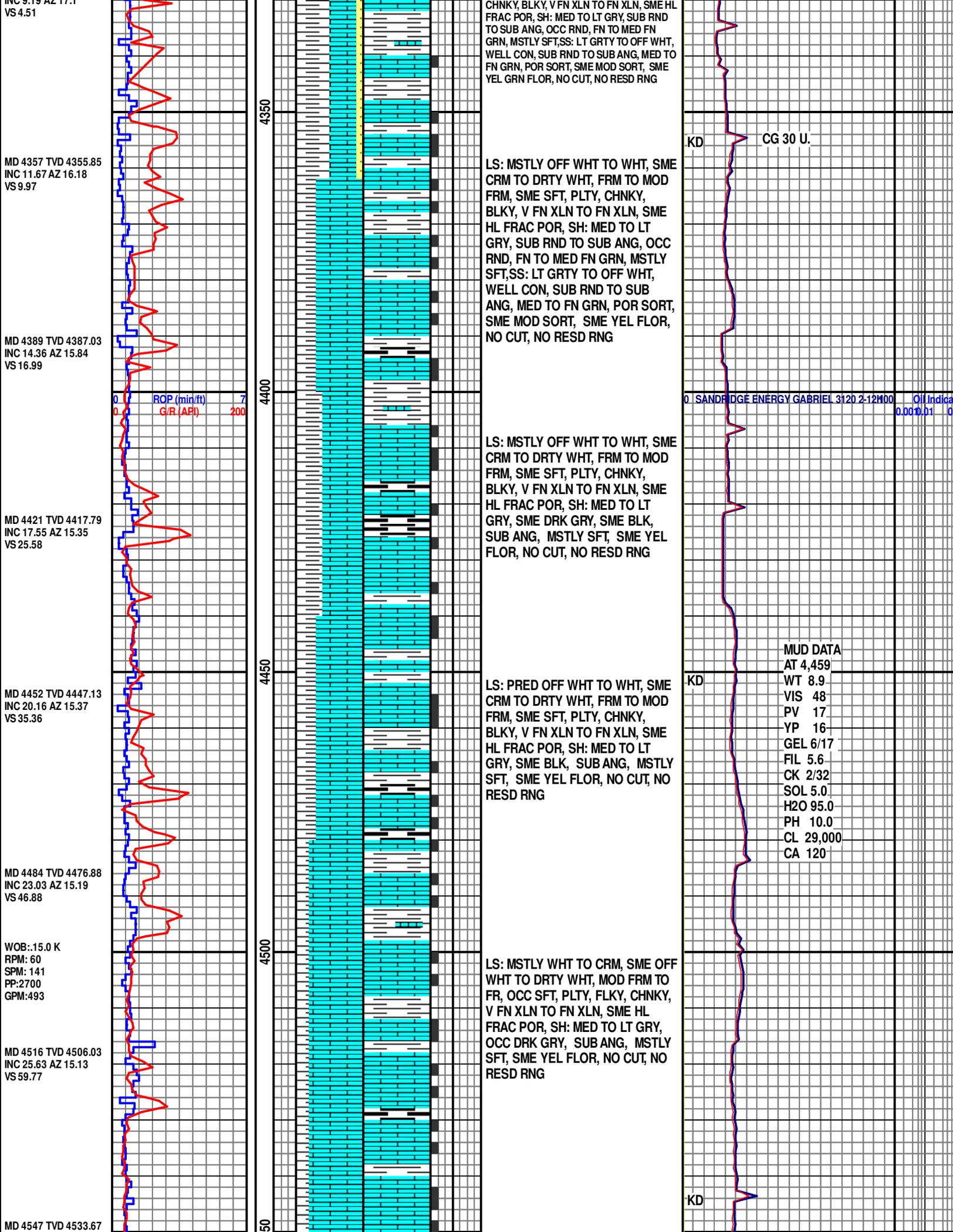
LS: OFF WHT TO WHT, SME CRM TO DRTY WHT, FRM TO MOD FRM, SME SFT, PLTY,



KD
CONN GAS
46 UNITS

0 SANDRIDGE ENERGY GABRIEL 3120 2-12H00 Oil Indica
0.0010.01 0

KD



INC 9.19 AZ 17.1
VS 4.51

MD 4357 TVD 4355.85
INC 11.67 AZ 16.18
VS 9.97

MD 4389 TVD 4387.03
INC 14.36 AZ 15.84
VS 16.99

ROP (min/ft) 7
G/R (API) 200

MD 4421 TVD 4417.79
INC 17.55 AZ 15.35
VS 25.58

MD 4452 TVD 4447.13
INC 20.16 AZ 15.37
VS 35.36

MD 4484 TVD 4476.88
INC 23.03 AZ 15.19
VS 46.88

WOB: 15.0 K
RPM: 60
SPM: 141
PP: 2700
GPM: 493

MD 4516 TVD 4506.03
INC 25.63 AZ 15.13
VS 59.77

MD 4547 TVD 4533.67

4350

4400

4450

4500

50

CHNKY, BLKY, V FN XLN TO FN XLN, SME HL FRAC POR, SH: MED TO LT GRY, SUB RND TO SUB ANG, OCC RND, FN TO MED FN GRN, MSTLY SFT, SS: LT GRTY TO OFF WHT, WELL CON, SUB RND TO SUB ANG, MED TO FN GRN, POR SORT, SME MOD SORT, SME YEL GRN FLOR, NO CUT, NO RESD RNG

LS: MSTLY OFF WHT TO WHT, SME CRM TO DRTY WHT, FRM TO MOD FRM, SME SFT, PLTY, CHNKY, BLKY, V FN XLN TO FN XLN, SME HL FRAC POR, SH: MED TO LT GRY, SUB RND TO SUB ANG, OCC RND, FN TO MED FN GRN, MSTLY SFT, SS: LT GRTY TO OFF WHT, WELL CON, SUB RND TO SUB ANG, MED TO FN GRN, POR SORT, SME MOD SORT, SME YEL FLOR, NO CUT, NO RESD RNG

LS: MSTLY OFF WHT TO WHT, SME CRM TO DRTY WHT, FRM TO MOD FRM, SME SFT, PLTY, CHNKY, BLKY, V FN XLN TO FN XLN, SME HL FRAC POR, SH: MED TO LT GRY, SME DRK GRY, SME BLK, SUB ANG, MSTLY SFT, SME YEL FLOR, NO CUT, NO RESD RNG

LS: PRED OFF WHT TO WHT, SME CRM TO DRTY WHT, FRM TO MOD FRM, SME SFT, PLTY, CHNKY, BLKY, V FN XLN TO FN XLN, SME HL FRAC POR, SH: MED TO LT GRY, SME BLK, SUB ANG, MSTLY SFT, SME YEL FLOR, NO CUT, NO RESD RNG

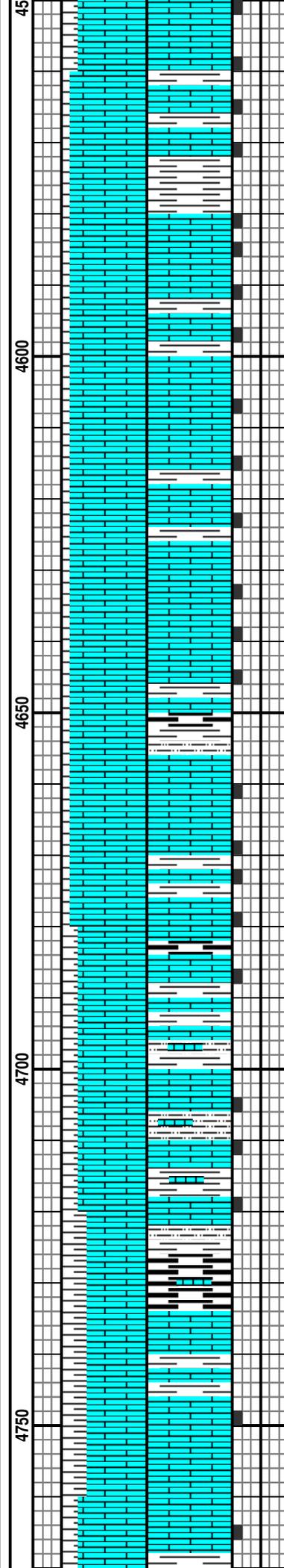
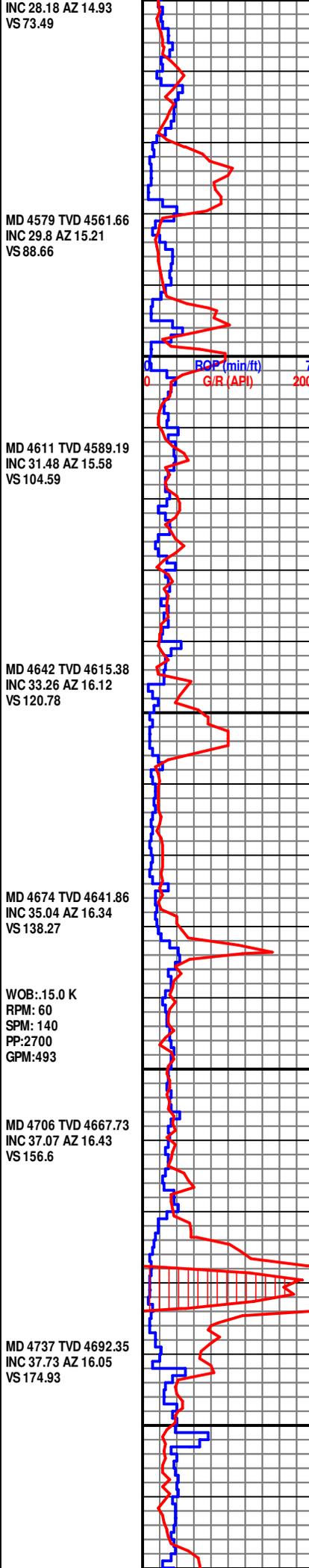
LS: MSTLY WHT TO CRM, SME OFF WHT TO DRTY WHT, MOD FRM TO FR, OCC SFT, PLTY, FLKY, CHNKY, V FN XLN TO FN XLN, SME HL FRAC POR, SH: MED TO LT GRY, OCC DRK GRY, SUB ANG, MSTLY SFT, SME YEL FLOR, NO CUT, NO RESD RNG

KD CG 30 U.

0 SANDRIDGE ENERGY GABRIEL 3120 2-12H100 Oil Indica 0.0010 01 0

MUD DATA
AT 4,459
WT 8.9
VIS 48
PV 17
YP 16
GEL 6/17
FIL 5.6
CK 2/32
SOL 5.0
H2O 95.0
PH 10.0
CL 29,000
CA 120

KD

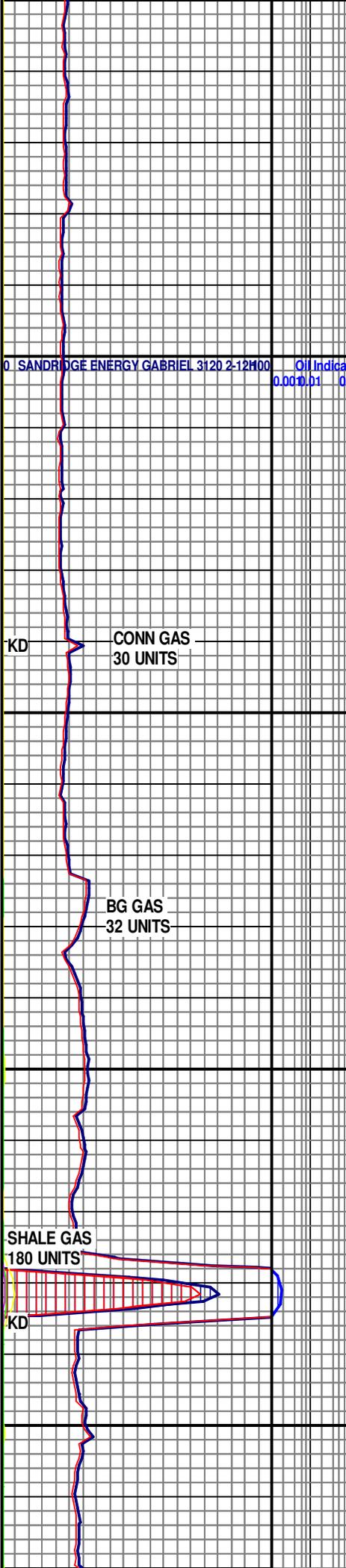


LS: WHT TO CRM, SME OFF WHT TO DRTY WHT, MOD FRM TO FR, OCC SFT, PLTY, FLKY, CHNKY, V FN XLN TO FN XLN, SME HL FRAC POR, SH: MED TO LT GRY, OCC DRK GRY, SUB ANG, MSTLY SFT, SME YEL FLOR, NO CUT, NO RESD RNG

 LS: WHT TO CRM, SME OFF WHT TO DRTY WHT, MOD FRM TO FR, OCC SFT, PLTY, FLKY, CHNKY, V FN XLN TO FN XLN, SME HL FRAC POR, SH: MED TO LT GRY, OCC DRK GRY, SUB ANG, MSTLY SFT, SME YEL FLOR, NO CUT, NO RESD RNG

 LS: WHT TO CRM, SME OFF WHT TO DRTY WHT, MOD FRM TO FR, OCC SFT, PLTY, FLKY, CHNKY, V FN XLN TO FN XLN, SME HL FRAC POR, SH: MED TO LT GRY, OCC DRK GRY, SUB ANG, MSTLY SFT, SME YEL FLOR, NO CUT, NO RESD RNG

 LS: PRED CRM-LT TAN, OCC LT CRM-OFF WHT, SME LT TAN, MSTLY BLKY, OCC PLTY, MSTLY FN-V FN XLN, SME MED XLN, SME HL FRAC POR, MOD FRM, SH: PRED LT GY-GY, OCC DK GY-BLK, MSTLY BLKY-CHNKY, MSTLY FN SLTY TXT, SME SUBWXY TXT, MOD SFT, PR YEL FLOR, NO CUT, NO RES RING.



MD 4769 TVD 4717.29
INC 39.89 AZ 15.73
VS 194.49

MD 4801 TVD 4741.51
INC 41.73 AZ 15.45
VS 214.9

MD 4832 TVD 4764.25
INC 43.87 AZ 14.95
VS 235.49

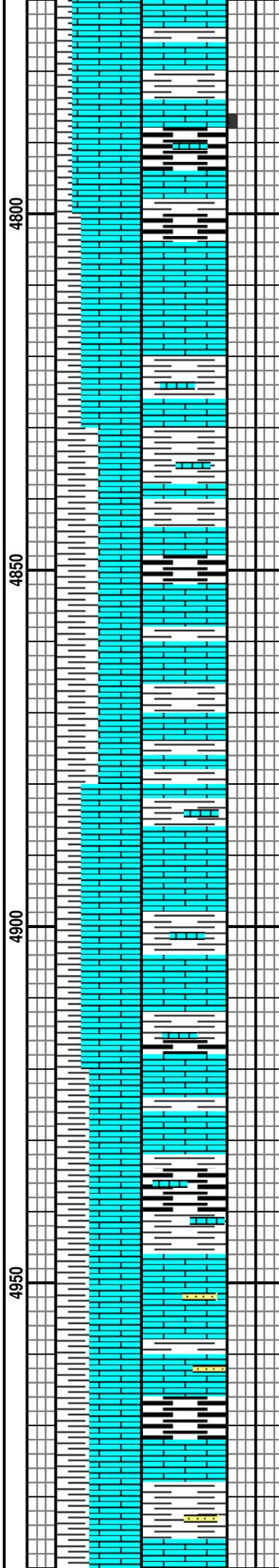
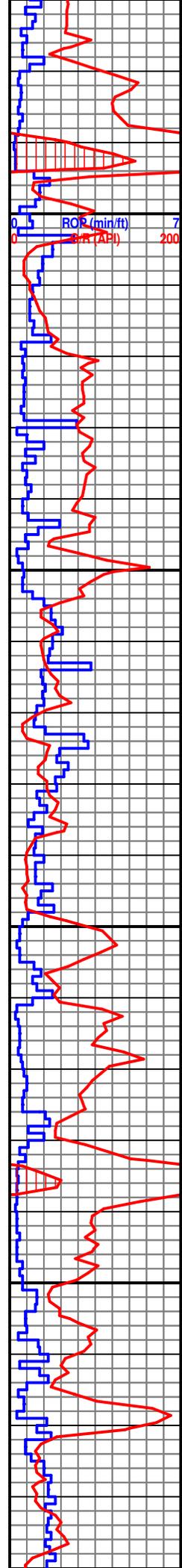
MD 4864 TVD 4786.75
INC 46.79 AZ 14.15
VS 257.79

WOB: 22.0 K
RPM: 63
SPM: 115
PP: 2200
GPM: 400

MD 4895 TVD 4807.4
INC 49.66 AZ 13.37
VS 280.51

MD 4927 TVD 4827.99
INC 50.22 AZ 13
VS 304.62

MD 4959 TVD 4848.47
INC 50.22 AZ 12.7
VS 328.86



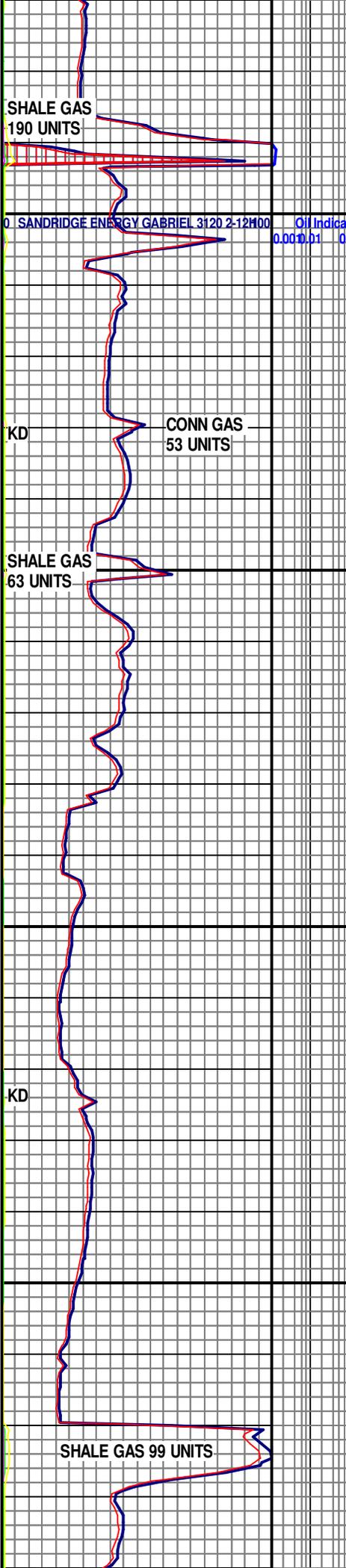
LS: PRED CRM-LT TAN, OCC LT CRM-OFF WHT, SME LT TAN, MSTLY BLKY, OCC PLTY, MSTLY FN-V FN XLN, SME MED XLN, SME HL FRAC POR, MOD FRM, SH: PRED LT GY-GY, OCC DK GY-BLK, MSTLY BLKY-CHNKY, MSTLY FN SLTY TXT, SME SUBWXY TXT, MOD SFT, NO FLOR, NO CUT, NO RES RING.

LS: PRED CRM-LT TAN, OCC LT CRM-OFF WHT, SME LT TAN, MSTLY BLKY, OCC PLTY, MSTLY FN-V FN XLN, SME MED XLN, SME HL FRAC POR, MOD FRM, SH: PRED LT GY-GY, OCC DK GY-BLK, MSTLY BLKY-CHNKY, MSTLY FN SLTY TXT, SME SUBWXY TXT, MOD SFT, NO FLOR, NO CUT, NO RES RING.

LS: PRED CRM-LT TAN, OCC LT CRM-OFF WHT, SME LT TAN, MSTLY BLKY, OCC PLTY, MSTLY FN-V FN XLN, SME MED XLN, SME HL FRAC POR, MOD FRM, SH: PRED LT GY-GY, OCC DK GY-BLK, MSTLY BLKY-CHNKY, MSTLY FN SLTY TXT, SME SUBWXY TXT, MOD SFT, NO FLOR, NO CUT, NO RES RING.

LS: PRED CRM-LT TAN, OCC LT CRM-OFF WHT, SME LT TAN, MSTLY BLKY, OCC PLTY, MSTLY FN-V FN XLN, SME MED XLN, SME HL FRAC POR, MOD FRM, SH: PRED LT GY-GY, OCC DK GY-BLK, MSTLY BLKY-CHNKY, MSTLY FN SLTY TXT, SME SUBWXY TXT, MOD SFT, NO FLOR, NO CUT, NO RES RING.

LS: CRM TO LT TAN, OCC LT CRM-OFF WHT, SME LT TAN, MSTLY BLKY, OCC PLTY, MSTLY FN TO V FN XLN, SME MED XLN, SME HL FRAC POR, MOD FRM, SH: PRED LT GY TO GY, OCC DK GY TO BLK, MSTLY BLKY, CHNKY, MSTLY FN SLTY TXT, SME SUBWXY TXT, MOD SFT, OCC SS, TR DUL GLD FLOR, NO CUT, NO RES RING.



MD 4990 TVD 4868.33
INC 50.06 AZ 12.27
VS 352.33

5/01/2013

MD 5022 TVD 4888.92
INC 49.86 AZ 12.05
VS 376.53

MD 5054 TVD 4909.55
INC 49.88 AZ 11.73
VS 400.7

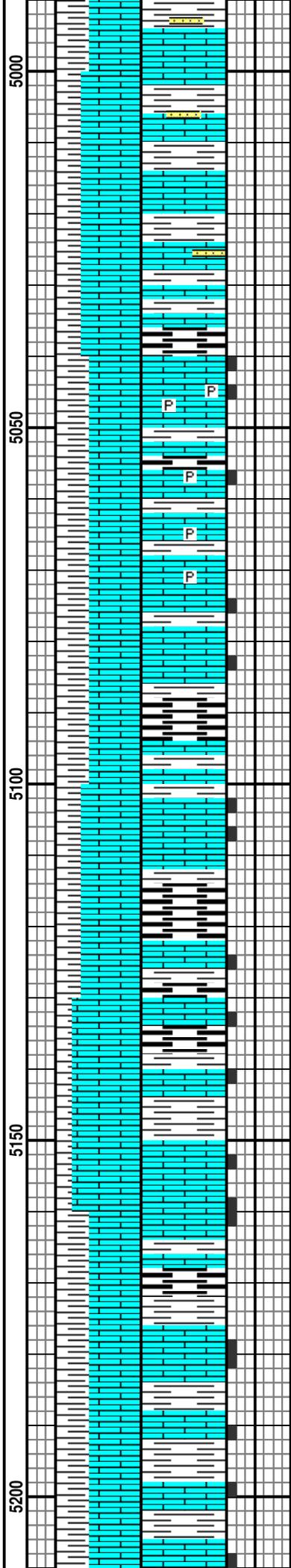
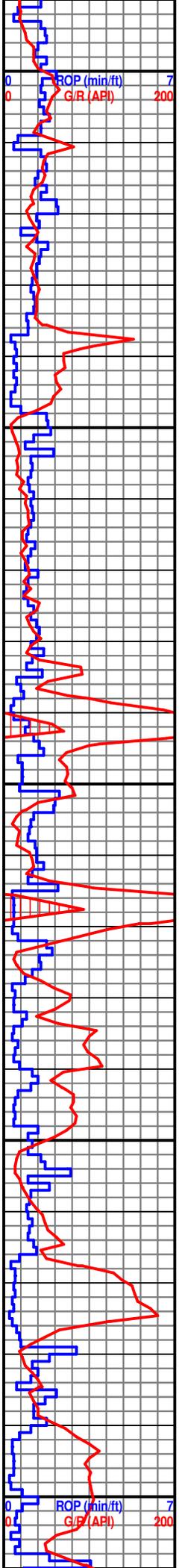
MD 5085 TVD 4929.52
INC 49.89 AZ 11.68
VS 424.14

WOB: 20.0 K
RPM: 60
SPM: 140
PP: 2500
GPM: 480

MD 5117 TVD 4949.64
INC 52.2 AZ 11.04
VS 448.77

MD 5149 TVD 4968.63
INC 54.96 AZ 10.48
VS 474.28

MD 5180 TVD 4985.74
INC 58.04 AZ 10.3
VS 499.92



OSWEGO@ 4,991' MD 5,069' TVD (-2,998')

LS: PRED WHT TO LT TAN, SME LT CRM TO OFF WHT, BLKY, PLTY, V FN XLN TO FN XLN, MSTLY FRM TO MOD FRM, SME HL FRAC POR, SH: PRED LT GY TO GY, SME BLK, OCC BLUISH GRY, BLKY, CHNKY, MSTLY FN SLTY TXT, SME SUB WXY TXT, MOD SFT, TR GLD FLOR, NO CUT, NO RES RING

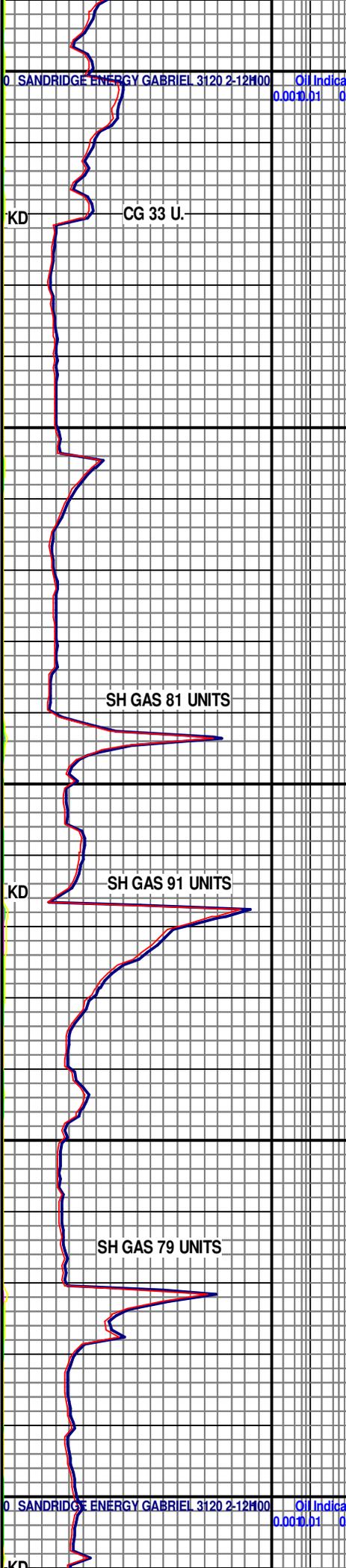
LS: MSTLY WHT TO LT TAN, SME LT CRM TO OFF WHT, BLKY, PLTY, V FN XLN TO FN XLN, RND TO SUB RND, MSTLY FRM TO MOD FRM, SME HL FRAC POR, SH: PRED LT GY TO GY, SME BLK, OCC BLUISH GRY, BLKY, CHNKY, MSTLY FN SLTY TXT, SME SUB WXY TXT, MOD SFT, OCC PYR, DUL GLD FLOR, NO CUT, NO RES RING

CHEROKEE @ 5,093' MD 4,935' TVD (-2,864')

LS: WHT TO CRM, SME LT TAN TO OFF WHT, BLKY, PLTY, SUB RND TO SUB ANG, V FN XLN TO MIRCO FN XLN, FRM TO MOD FRM, SME HL FRAC POR, SH: LT GY TO GY, SME BLK, OCC BLUISH GRY, BLKY, CHNKY, MSTLY FN SLTY TXT, SME SUB WXY TXT, MOD SFT, OCC PYR, TR DUL GLD FLOR,

LS: MSTLY WHT TO CRM, SME LT TAN TO OFF WHT, BLKY, PLTY, SUB RND TO SUB ANG, V FN XLN TO MIRCO FN XLN, FRM TO MOD FRM, SME HL FRAC POR, SH: LT GY TO GY, SME BLK, OCC BLUISH GRY, BLKY, CHNKY, MSTLY FN SLTY TXT, SME SUB WXY TXT, MOD SFT, OCC PYR, TR DUL GLD FLOR,

LS: MSTLY WHT TO CRM, SME LT TAN TO OFF WHT, BLKY, PLTY, SUB RND TO SUB ANG, V FN XLN TO MIRCO FN XLN, FRM TO MOD FRM, SME HL FRAC POR, SH: LT GY TO GY, SME BLK, OCC BLUISH



MD 5212 TVD 5002.03
INC 60.76 AZ 10.4
VS 527.24

MD 5244 TVD 5017.07
INC 63.15 AZ 10.76
VS 555.24

MD 5275 TVD 5030.27
INC 66.47 AZ 10.57
VS 583.04

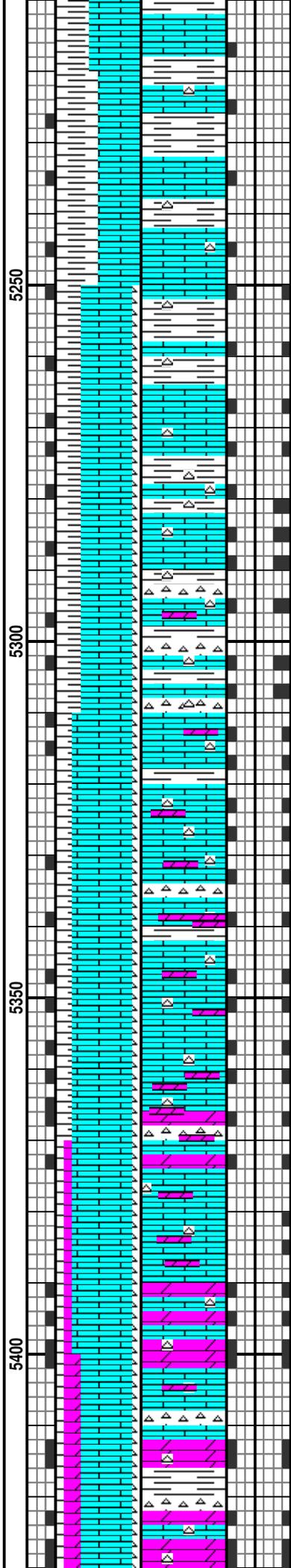
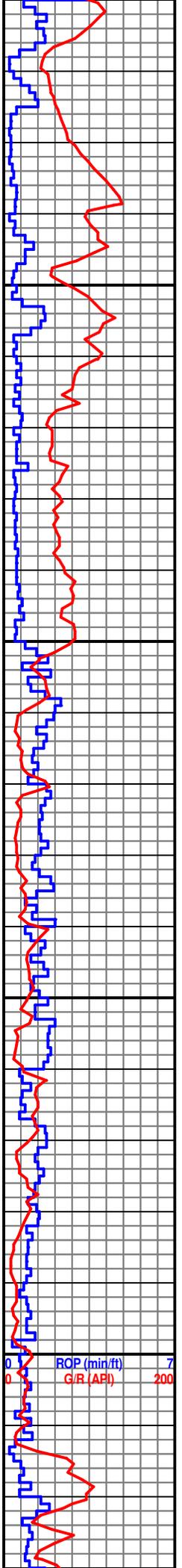
WOB: 20.0 K
RPM: 60
SPM: 140
PP: 2700
GPM: 470

MD 5307 TVD 5042.18
INC 69.8 AZ 10.05
VS 612.5

MD 5339 TVD 5052.53
INC 72.46 AZ 7.85
VS 642.62

MD 5370 TVD 5061.25
INC 74.89 AZ 6.23
VS 672.29

MD 5402 TVD 5068.83
INC 77.68 AZ 4.98
VS 703.35



GRY, BLKY, CHNKY, MSTLY FN
SLTY TXT, SME SUB WXY TXT,
MOD SFT, OCC PYR, TR DUL GLD
FLOR,

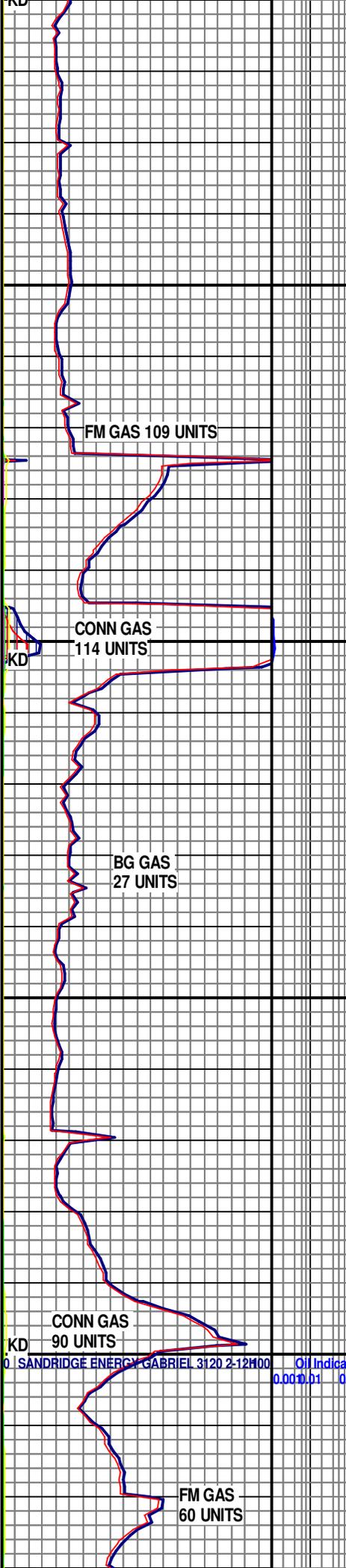
LS: MSTLY WHT TO CRM, SME LT
TAN TO OFF WHT, BLKY, PLTY,
SUB RND TO SUB ANG, V FN XLN
TO MIRCO FN XLN, FRM TO MOD
FRM, SME HL FRAC POR, SH: LT
GY TO GY, SME BLK, OCC BLUISH
GRY, BLKY, CHNKY, MSTLY FN
SLTY TXT, SME SUB WXY TXT,
MOD SFT, TR DUL GLD FLOR, FNT
WH CUT, FNT WH RES RNG

**MISS UNCONFORMITY
@ 5,268' MD 5,028' TVD
(-2,957')**

**MISSISSIPPI LIME @
5,300' MD 5,040' TVD
(-2,969')**

LS: PRED LT TAN- OFF WHT, SME
MED TAN, OCC WHT, BLKY- PLTY,
MOD FRM-FRM, SME SFT, MICRO
FN- V FN XLN, SME HL FRAC POR,
SME PP VUG POR, FR INTRXLN
POR, DOL: STRNGRS, OFF
WH-CRM, MOD FRM, MICRO FN
XLN, HL FRAC POR, SME PP VUG
POR, FR INTRXLN POR, SH: PRED
DK GY- MED GY, SCAT LT GY THRU
OUT, PLTY- BLKY, MSTLY MOD
FRM, OCC MOD SFT, MOD SMTH,
CHRT: OFF WH, SME LT GY, OPQ,
HRD, ANG, FR SCAT YEL FLOR,
FR-GD WH CUT, FR-GD WH RES
RNG, SME POSS STNS, NO ODOR

LS: PRED LT TAN- OFF WHT, SME
MED TAN, OCC WHT, BLKY- PLTY,
MOD FRM-FRM, SME SFT, MICRO
FN- V FN XLN, SME HL FRAC POR,
SME PP VUG POR, FR INTRXLN
POR, DOL: OFF WH-CRM, MOD
FRM, MICRO FN-VFN XLN, HL FRAC
POR, SME VUG POR, FR-GD
INTRXLN POR, SH: PRED DK GY-
MED GY, SCAT LT GY THRU OUT,
PLTY- BLKY, MSTLY MOD FRM,
OCC SFT, MOD SMTH, CHRT: OFF
WH, SME LT GY, OPQ, HRD, ANG,
FR SCAT YEL FLOR, FR-GD WH
CUT, FR-GD WH RES RNG, SME
POSS STNS, NO ODOR



0 SANDRIDGE ENERGY GABRIEL 3120 2-12100 Oil Indica 0.001 0.1 0

MD 5434 TVD 5075.01
INC 80.04 AZ 3.74
VS 734.73

MD 5465 TVD 5079.77
INC 82.31 AZ 2.93
VS 765.36

WOB: 20.0 K
RPM: 60
SPM: 140
PP: 2700
GPM: 493

BIT PROJECTION

MD 5530 TVD 5085.81
INC 87.02 AZ 0.73
VS 830.04

ROP-BLUE
GAMMA-RED

5450

5500

5550

LS: PRED LT TAN- OFF WHT, SME
MED TAN, OCC WHT, BLKY- PLTY,
MOD FRM-FRM, SME SFT, MICRO
FN- V FN XLN, SME HL FRAC POR,
SME PP VUG POR, FR INTRXLN
POR, DOL: OFF WH-CRM, MOD
FRM, MICRO FN-VFN XLN, HL FRAC
POR, SME VUG POR, FR-GD
INTRXLN POR, SH: PRED DK GY-
MED GY, SCAT LT GY THRU OUT,
PLTY- BLKY, MSTLY MOD FRM,
OCC SFT, MOD SMTH, CHRT: OFF
WH, SME LT GY, OPQ, HRD, ANG,
FR SCAT YEL FLOR, PR FNT WH
CUT, NO RES RNG, SME POSS
STNS, NO ODOR

LS: PRED LT TAN- OFF WHT, SME
MED TAN, OCC WHT, BLKY- PLTY,
MOD FRM-FRM, SME SFT, MICRO
FN- V FN XLN, SME HL FRAC POR,
FR INTRXLN POR, DOL: OFF
WH-CRM, MOD FRM, MICRO
FN-VFN XLN, HL FRAC POR, FR
INTRXLN POR, CHRT: OFF WH,
SME LT GY, OPQ, HRD, ANG, FR
SCAT YEL FLOR, PR FNT WH CUT,
NO RES RNG, SME POSS STNS,
NO ODOR

DRILLERS TD VERTICAL
PORTION OF THE WELL
@ 5,530' MD AND
5,085.81' TVD ON
5/01/2013

SANDRIDGE
ENERGY, INC
GABRIEL 3120 2-12H
SEC 13-T31S-R20W
COMANCHE CO, KS GR
2,051' KB 2,071' API#
15-033-21699-01-00

BG GAS
30 UNITS

KD CONN GAS
51 UNITS

FG 73 U.

GAS

SWITCH TO
HORIZONTAL
LOG