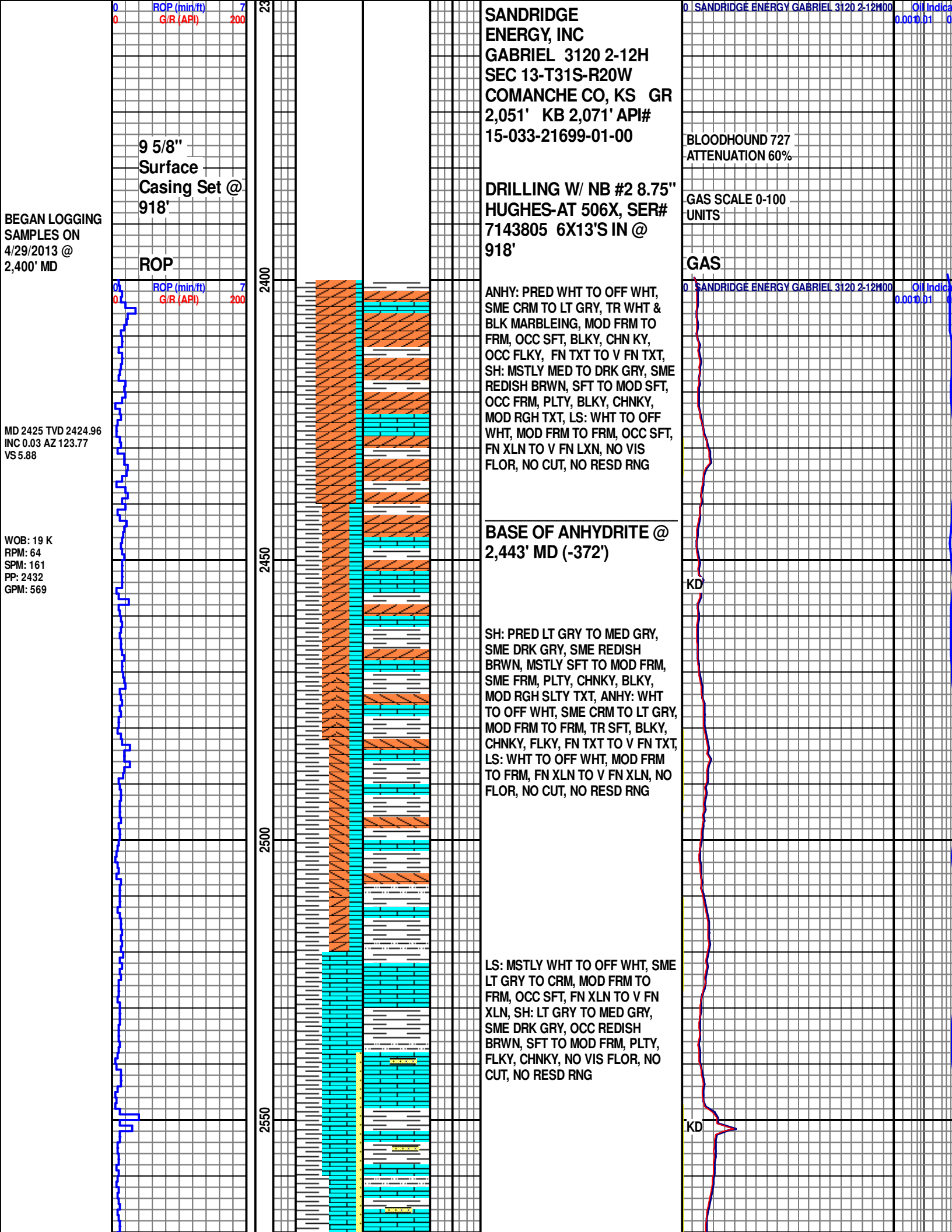
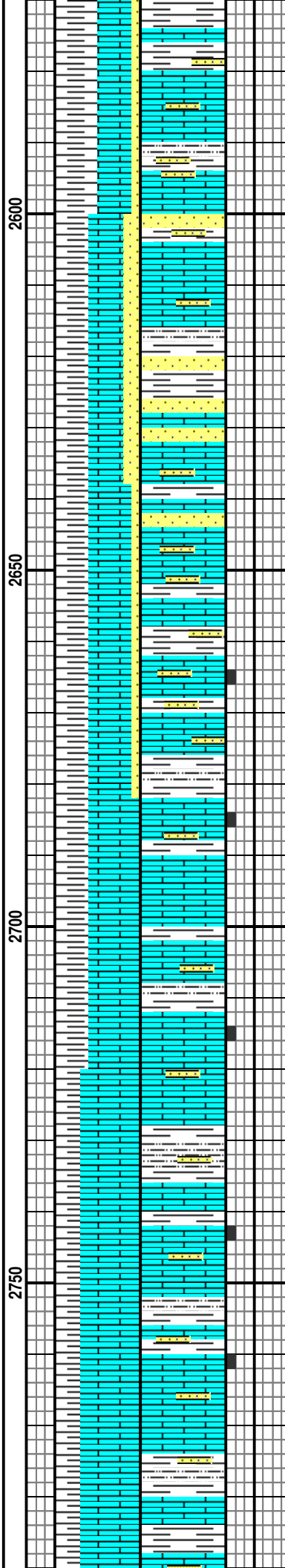
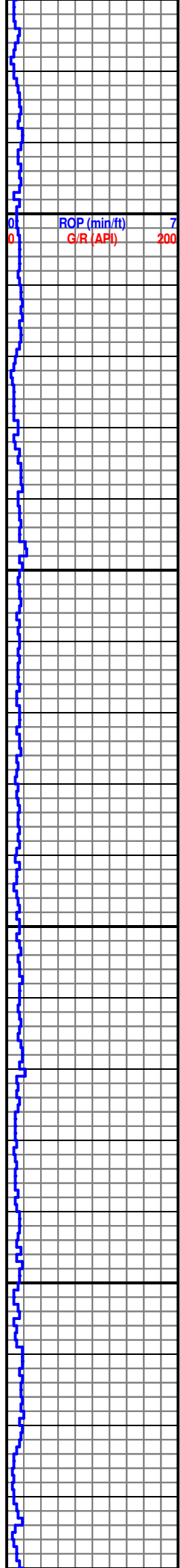




WOB: 15.5K
RPM: 62
SPM: 159
PP: 2550
GPM: 564



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

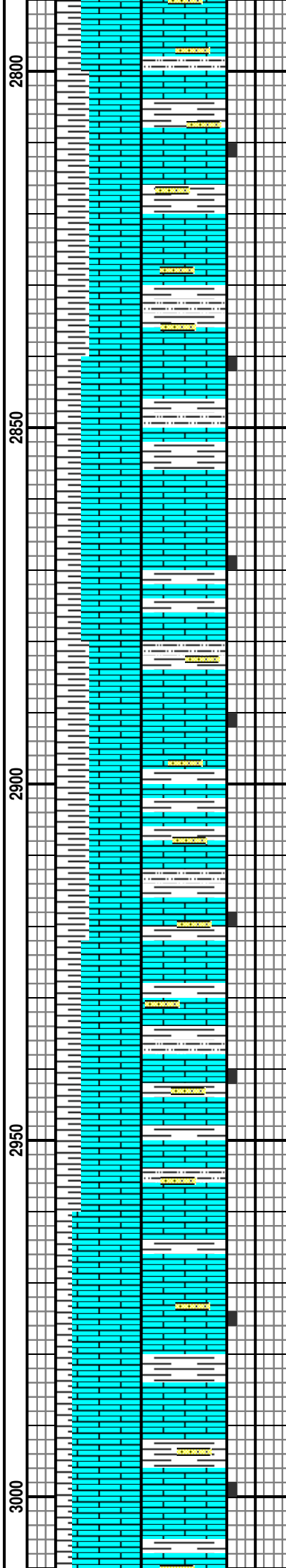
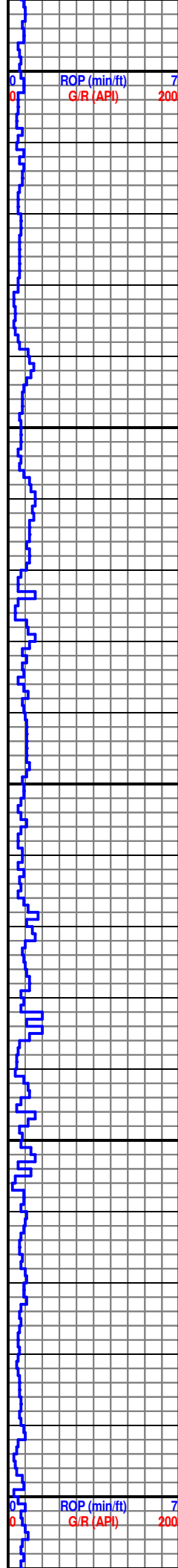
LS: MSTLY OFF WHT- LT TAN, SME
LT GY, PRED MOD FRM- SFT, BLKY-
PLTY, TR HL FRAC, V FN- FN XLN,
SH: LT GY- MED GY, SME BRN,
MOD FRM- MOD SFT, MSTLY PLTY,
MOD RGH SLTY TXT, TRC SS: CLR,
FN-MED GRNS, CONSL, SUB RND.



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

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



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

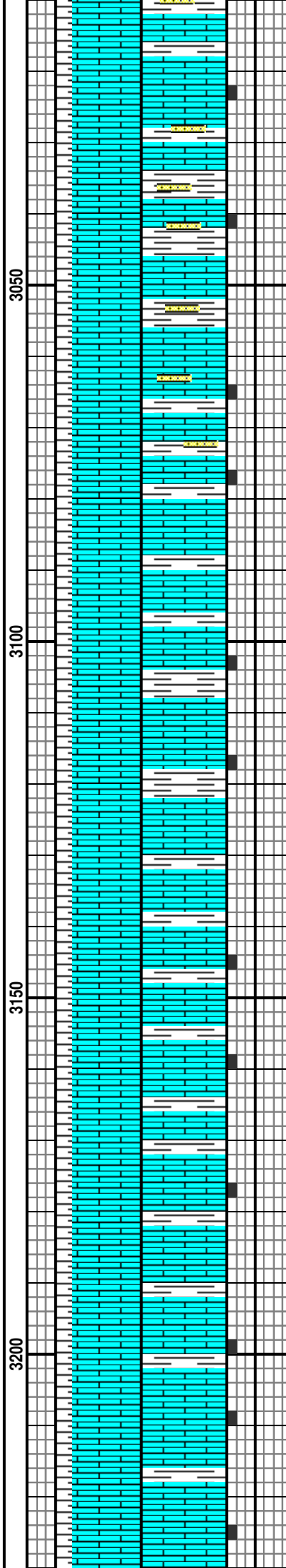
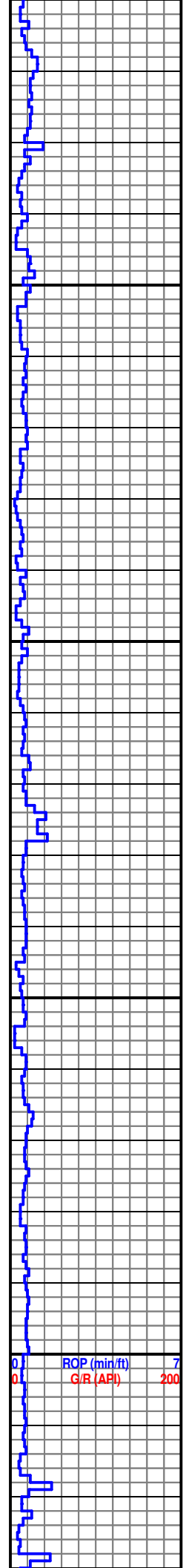
LS: MSTLY OFF WHT- LT TAN, SME LT GY, PRED MOD FRM- SFT, BLKY- PLTY, TR HL FRAC, V FN- FN XLN, SH: LT GY- MED GY, SME BRN, OCC RD, MOD FRM- MOD SFT, MSTLY PLTY, MOD RGH SLTY TXT, TR SS: CLR-WH, WELL CONSL, FN GRNS, PR YEL FLOR, NO CUT, NO RES RING

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



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

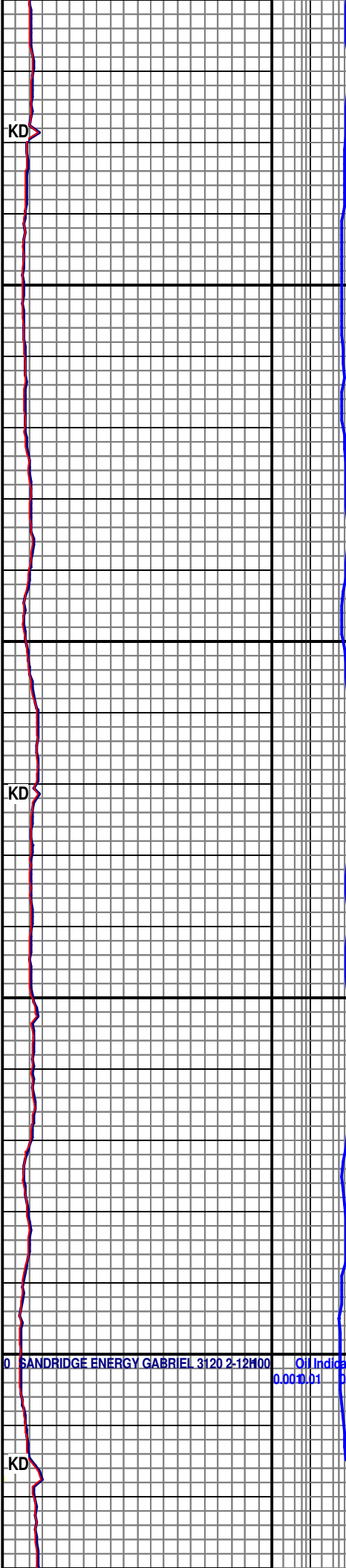


LI GY, MTTLD WH-GY, PRED MOD
FRM- SFT, BLKY- PLTY, TR HL
FRAC, V FN- FN XLN, SH: LT GY-
MED GY, SME BRN, OCC RD, MOD
FRM- MOD SFT, MSTLY PLTY, MOD
RGH SLTY TXT, TR SS: CLR-WH,
WELL CONSL, FN GRNS, PR YEL
FLOR, NO CUT, NO RES RING

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, PR YEL FLOR, NO
CUT, NO RES RING



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

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

3250

3300

3350

3400

50

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

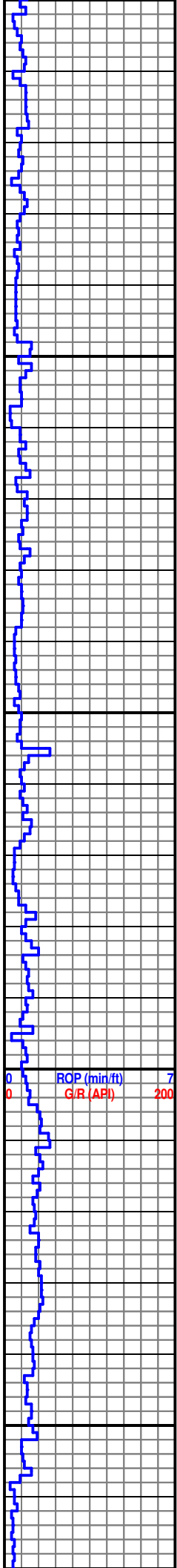
KD

CG 18 U.

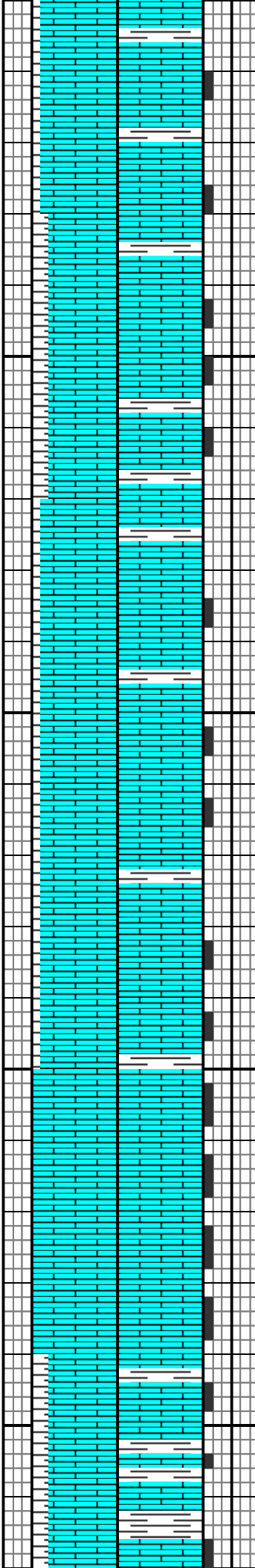
0 SANDRIDGE ENERGY GABRIEL 3120 2-121100

KD

Oil Ind 0.00101



34
3500
3550
3600
3650



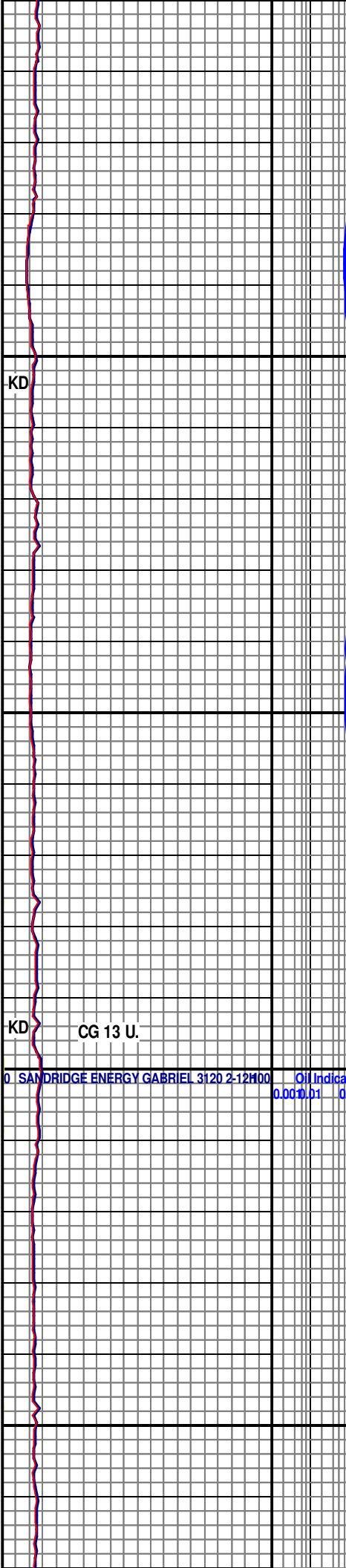
LS: MSTLY OFF WHT, SME WHT TO CRM, MOD FRM TO SFT, BLKY, PLTY, TR HL FRAC POR, V FN XLN TO FN XLN, SH: LT GRY TO MED GRY, OCC BRN, MOD FRM TO FRM, SME SFT, PLTY, FLKY, MOD RGH SLTY TXT, SME BRT YEL FLOR, NO CUT, NO RESD RNG

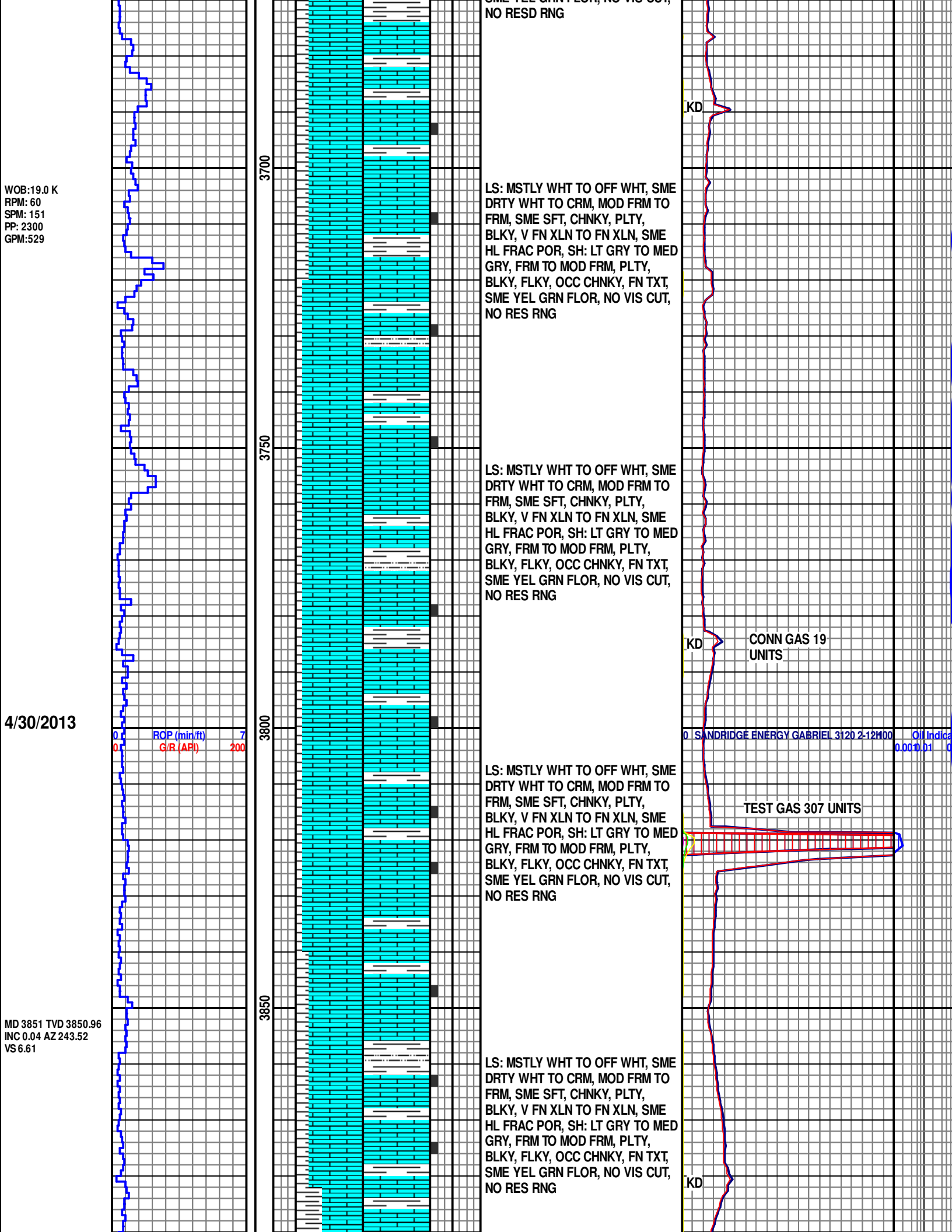
LS: OFF WHT TO WHT, SME DRTY WHT TO CRM, OCC MTTLD WHT, MOD FRM TO SFT, BLKY, CHNKY, PLTY, TR HL FRAC POR, V FN XLN TO FN XLN, SH: LT GRY TO MED GRY, MOD FRM TO FRM, SME SFT, PLTY, BLKY, FLKY, MOD SLTY TXT, SME BRT YEL FLOR THRU OUT, NO CUT, NO RESD RNG

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

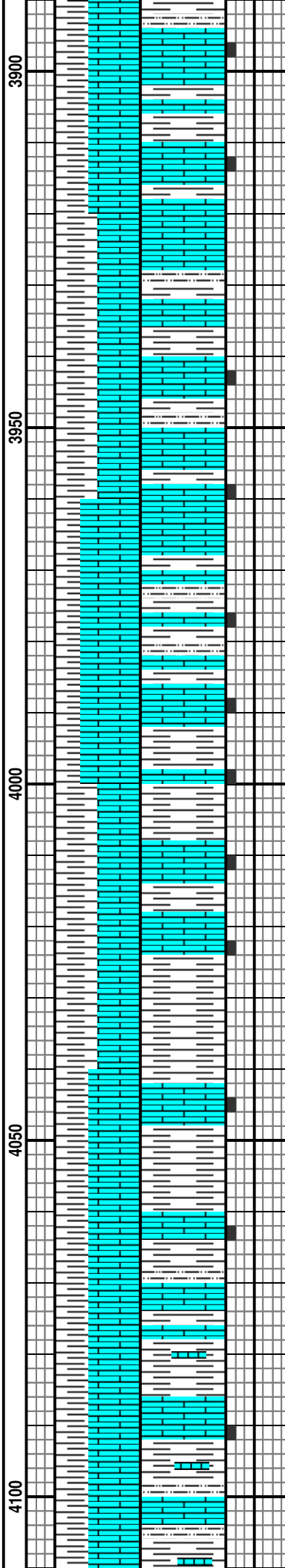
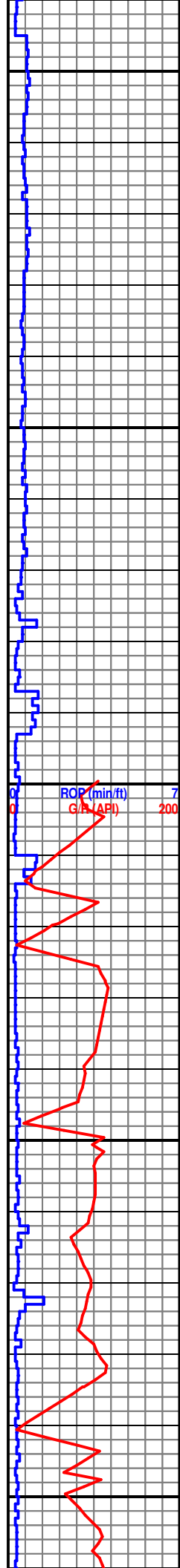
LS: WHT TO OFF WHT, SME DRTY WHT TO LT GRY, OCC MED GRY, FRM TO MOD FRM, SME SFT, PLTY, FLKY, CHNKY, FN XLN TO V FN XLN, TR HL FRAC POR, SME BRT YEL FLOR, NO CUT, NO RESD RNG

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





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

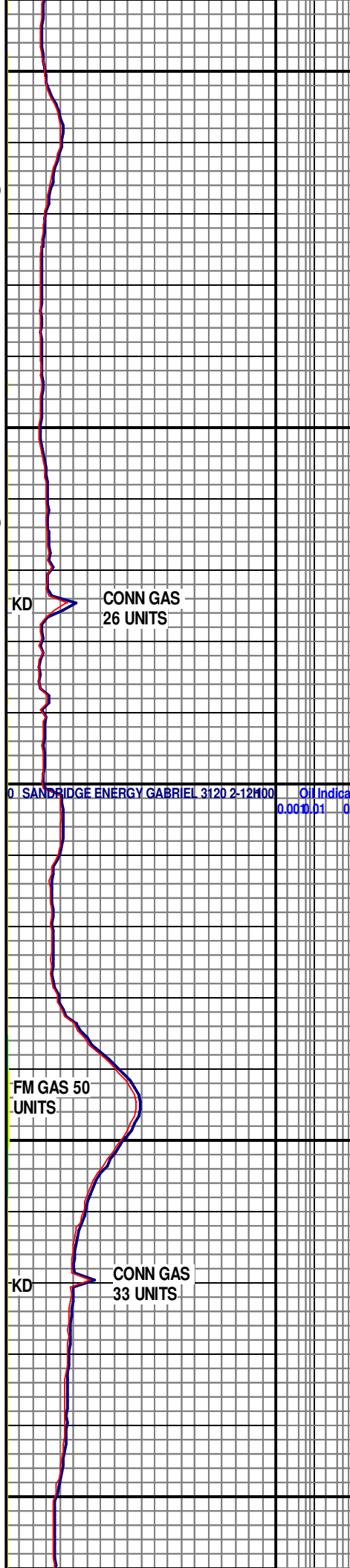


LS: MSTLY WHT TO OFF WHT, SME DRTY WHT TO CRM, MOD FRM TO FRM, SME SFT, CHNKY, PLTY, BLKY, V FN XLN TO FN XLN, SME HL FRAC POR, SH: LT GRY TO MED GRY, FRM TO MOD FRM, PLTY, BLKY, FLKY, OCC CHNKY, FN TXT, SME YEL GRN FLOR, NO VIS CUT, NO RES RNG

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

PP: 2350
GPM:529

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

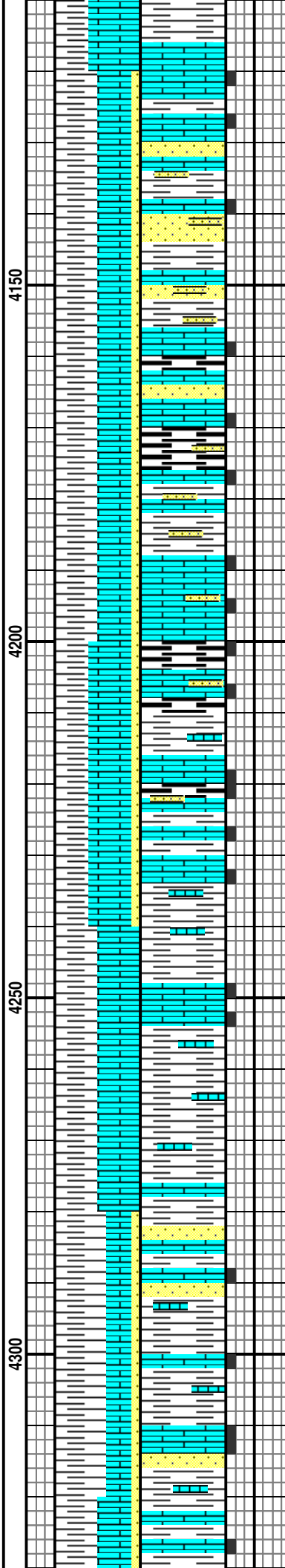
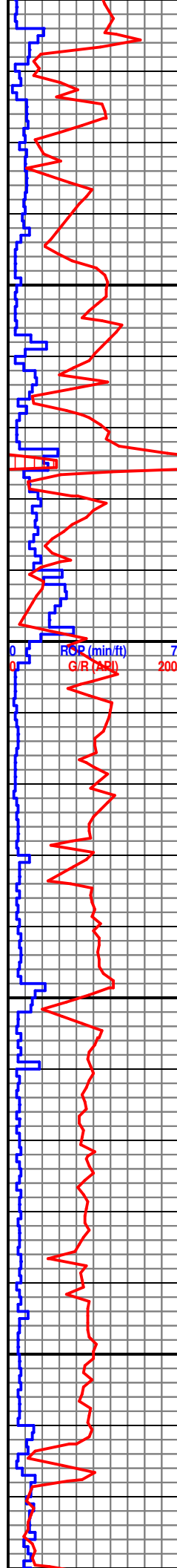
MD 4231 TVD 4230.94
INC 2.88 AZ 20.42
VS -5.08

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")

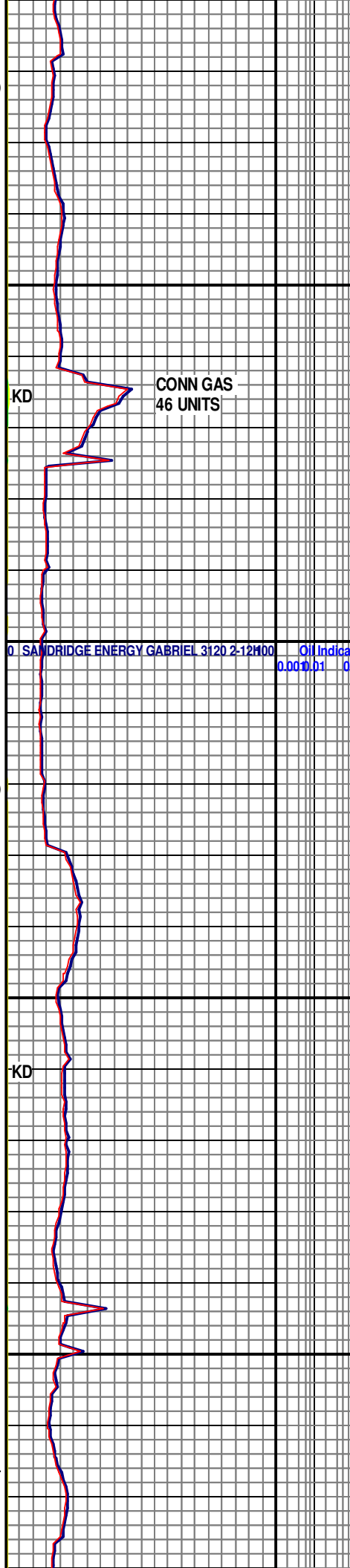
LS: MSTLY WHT TO OFF WHT, SME DRTY WHT TO CRM, MOD FRM TO FRM, SME SFT, CHNKY, PLTY, BLKY, V FN XLN TO FN XLN, SME HL FRAC POR, SH: LT GRY TO MED GRY, SME BLK, FRM TO MOD FRM, PLTY, BLKY, FLKY, OCC CHNKY, FN TXT, SS: PRED LT GY-OFF WHT, OCC GY, MSTLYWELL CONS, SUBRND-SUBANG, MED-FN GRN, SME V FN GRN, 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,

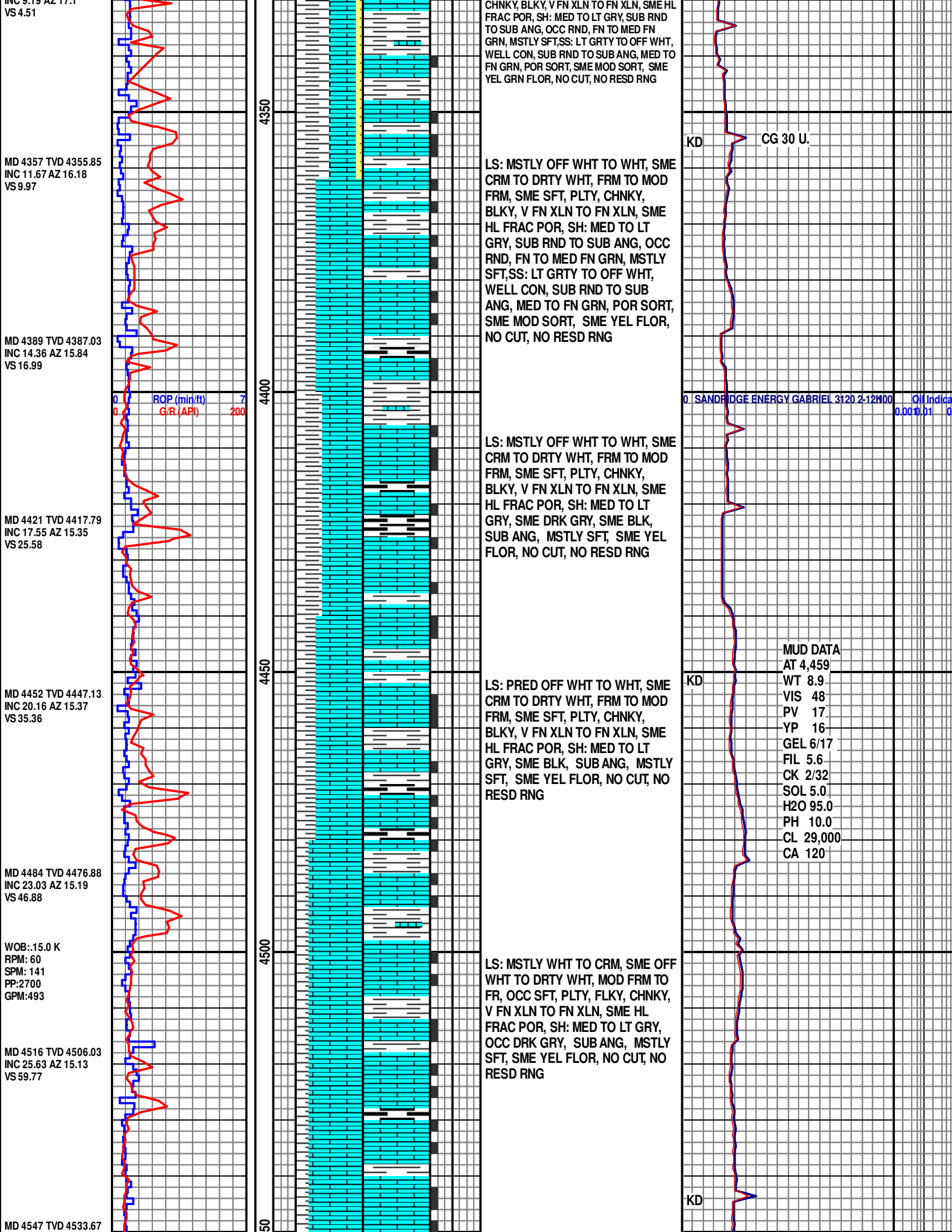
LANSING @ 4,316' MD 4,316' TVD (-2,245')

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

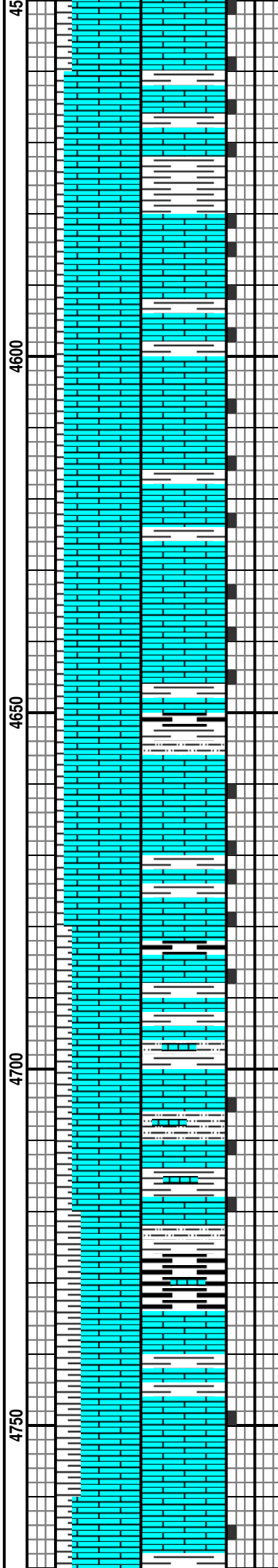


KD CONN GAS 46 UNITS

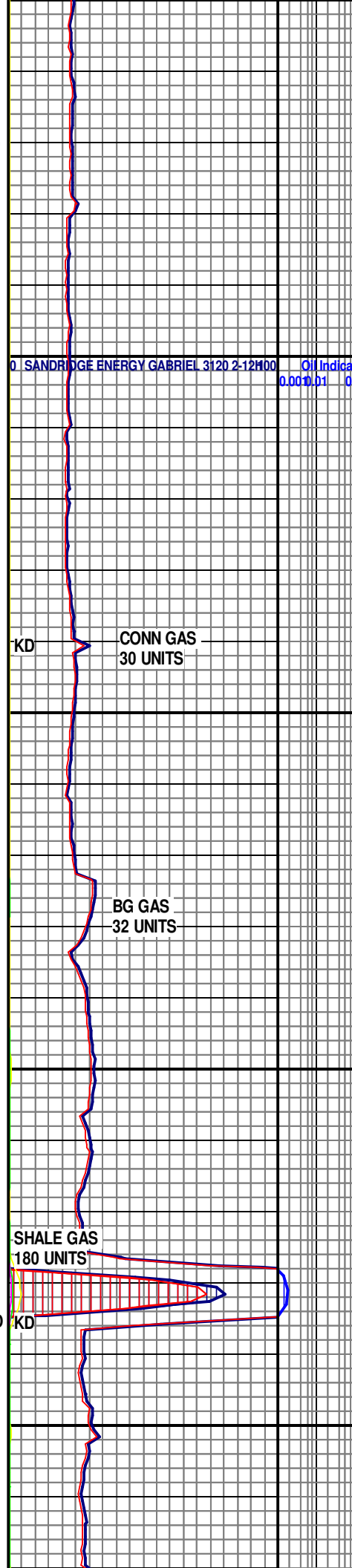
0 SANDRIDGE ENERGY GABRIEL 3120 2-12H00 Oil Indica 0.0010.01 0

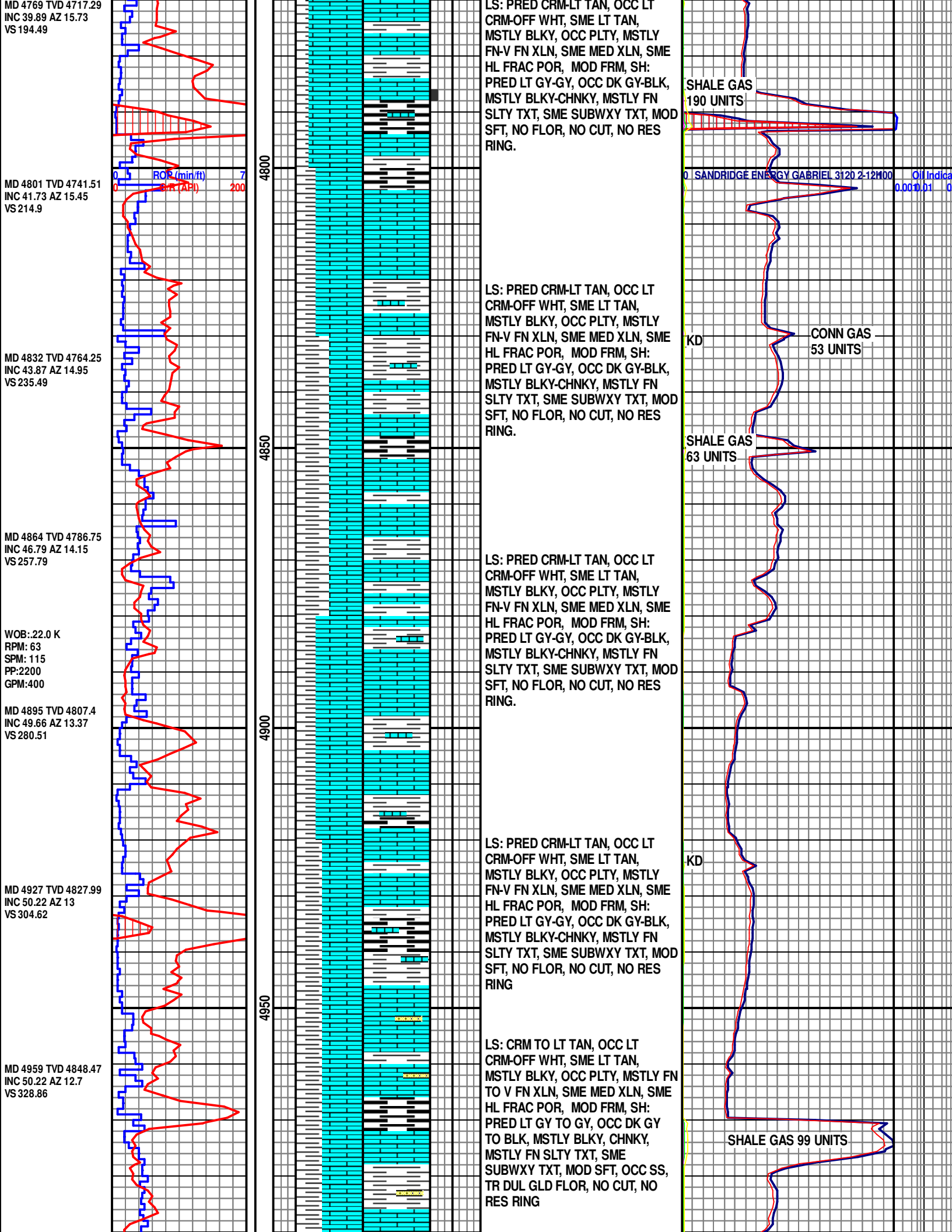


MD 4737 TVD 4692.35
INC 37.73 AZ 16.05
VS 174.93



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 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

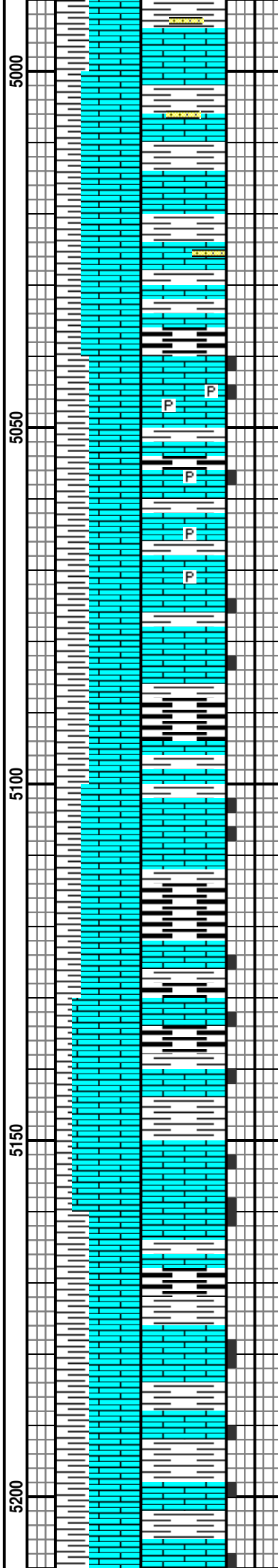
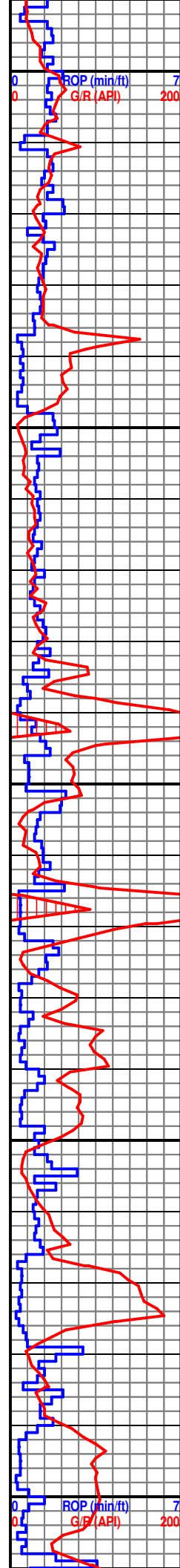
MD 5085 TVD 4929.52
INC 49.89 AZ 11.68
VS 424.14

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

