

GAS SCALE 0 - 100 UNITS

5/18/2012

SANDRIDGE ENERGY: RUBY 3119-1A-20-HORIZONTAL

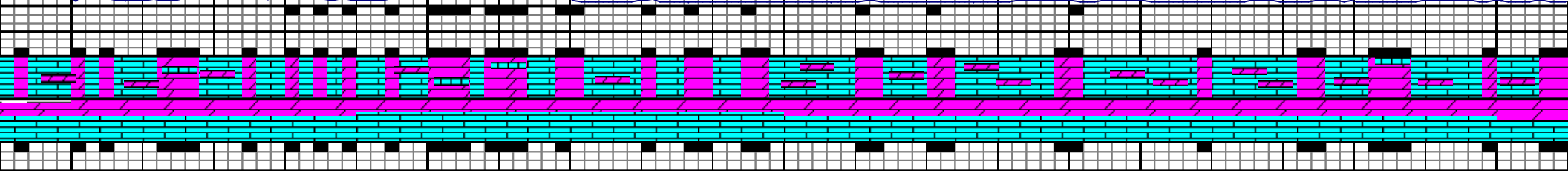
BG GAS 35 UNITS

TRIP GAS 69 UNITS

BG GAS 25 UNITS

KD

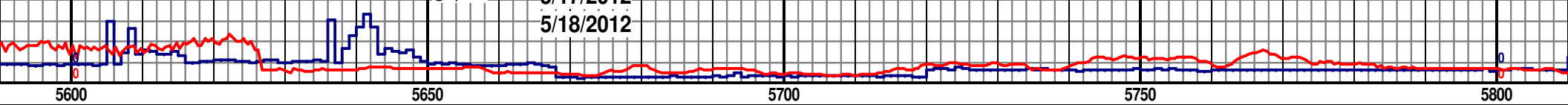
GAS SCALE 0 - 100 UNITS  
CONN C  
34 UNITS  
SANDRIDGE



ROP (min/ft)  
MWD Gamma (API)

7" CASING SET DRILLING WITH WATER  
 @ 5632' MD  
 DRILLING W/ BIT #5, 6 1/8"  
 HALLIBURTON, FX64D, 3X12'-3X14 IN  
 @5,668' 5/17/2012  
 5/18/2012

ROP (min/ft)  
MWD Gamma (API)



5600

5650

5700

5750

5800

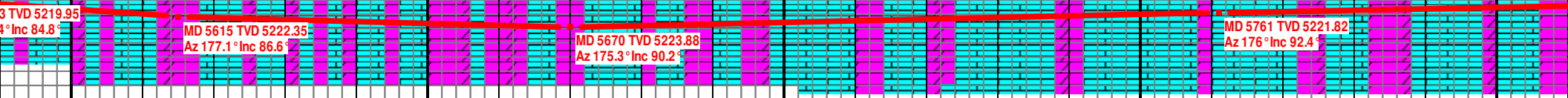
LS: PRED OFF WHT- CRM, SCAT LT TAN, MSTLY BLKY, SME PLTY,  
 FRM- MOD FRM, MOD FN-V FN XLN, SME HL FRAC POR, TR PP  
 VUG POR, DOL: PRED CRM- LT TAN, PRED BLKY, MOD FRM- FRM,  
 FN- MOD FN XLN, SCAT DULL YEL- GLD FLOR, SLO WH VIS CUT,  
 FNT WH RESD RING

LS: PRED OFF WHT- CRM, SCAT LT TAN, MSTLY BLKY, SME PLTY,  
 MOD FRM-FRM, SME DNSE, V FN-MICRO FN XLN, FR INTERXLN POR,  
 HL FRAC POR, TR PP VUG POR, SUB RND, DOL: PRED CRM- LT TAN,  
 PRED BLKY, MOD FRM- FRM, V FN XLN, HL FRACS, SCAT YEL FLOR,  
 FNT WEAK WH CUT, NO RESD RING

MUD DATA  
 DEPTH: 5,668'  
 WT 8.35  
 VIS 26  
 PV 1  
 YP 1  
 SOL .5  
 H2O 99.5  
 PH 7.5  
 CL 400  
 HRD 120  
 GEL 0/1  
 API FIL 60.0

5200

5200



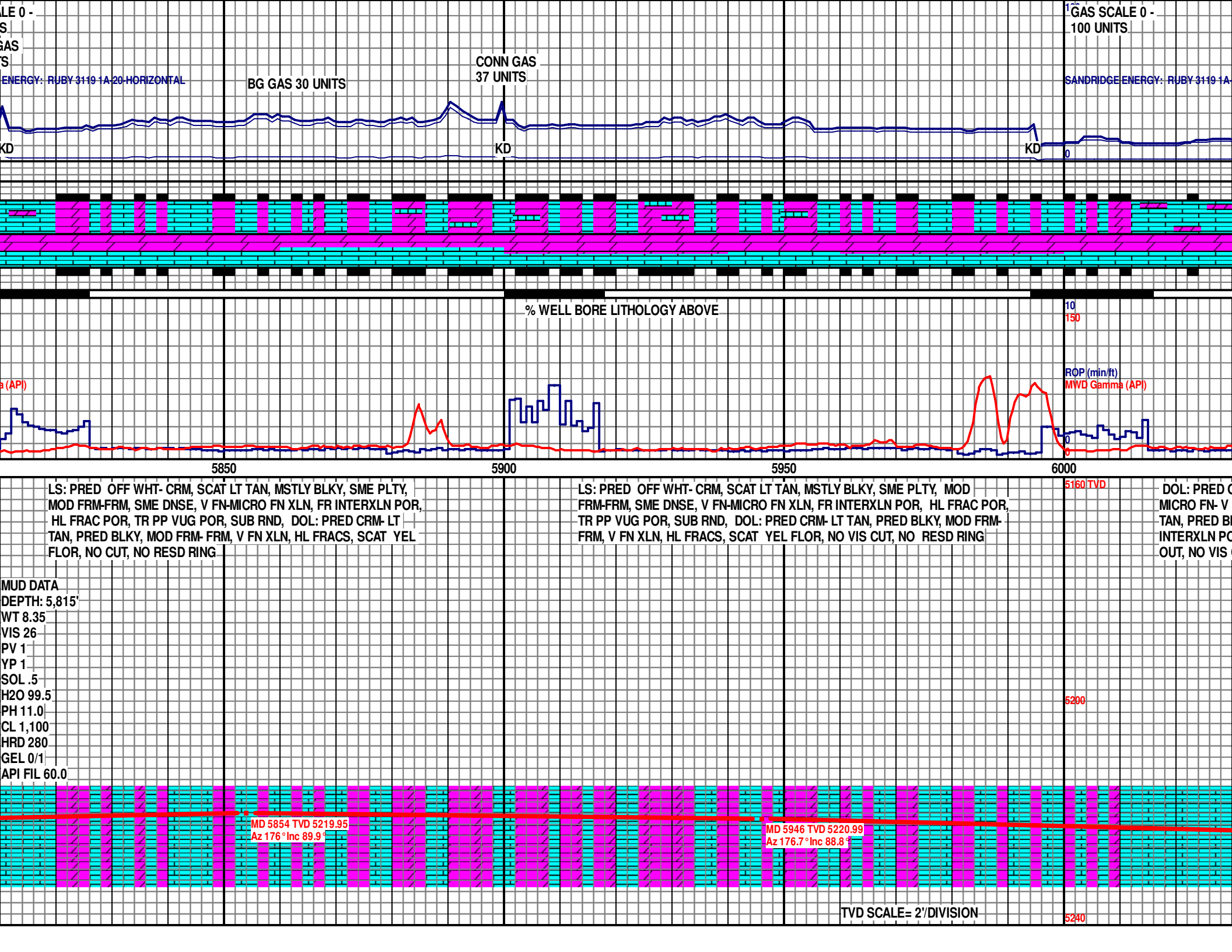
5240

5240

MD 5615 TVD 5222.35  
Az 177.1° Inc 86.6°

MD 5670 TVD 5223.88  
Az 175.3° Inc 90.2°

MD 5761 TVD 5221.82  
Az 176° Inc 92.4°



LE 0 -  
S  
GAS  
S

GAS SCALE 0 -  
100 UNITS

ENERGY: RUBY 3119-1A-20-HORIZONTAL

BG GAS 30 UNITS

CONN GAS  
37 UNITS

SANDRIDGE ENERGY: RUBY 3119-1A

KD

KD

KD

0

% WELL BORE LITHOLOGY ABOVE

10  
150

ρ (API)

ROP (min/ft)  
MWD Gamma (API)

5850

5900

5950

6000

LS: PRED OFF WHT- CRM, SCAT LT TAN, MSTLY BLKY, SME PLTY, MOD FRM-FRM, SME DNSE, V FN-MICRO FN XLN, FR INTERXLN POR, HL FRAC POR, TR PP VUG POR, SUB RND, DOL: PRED CRM- LT TAN, PRED BLKY, MOD FRM- FRM, V FN XLN, HL FRACS, SCAT YEL FLOR, NO CUT, NO RESD RING

LS: PRED OFF WHT- CRM, SCAT LT TAN, MSTLY BLKY, SME PLTY, MOD FRM-FRM, SME DNSE, V FN-MICRO FN XLN, FR INTERXLN POR, HL FRAC POR, TR PP VUG POR, SUB RND, DOL: PRED CRM- LT TAN, PRED BLKY, MOD FRM- FRM, V FN XLN, HL FRACS, SCAT YEL FLOR, NO VIS CUT, NO RESD RING

DOL: PRED CRM- LT TAN, PRED BLKY, MOD FRM- FRM, V FN XLN, HL FRACS, SCAT YEL FLOR, NO VIS CUT, NO RESD RING

MUD DATA  
DEPTH: 5,815'  
WT 8.35  
VIS 26  
PV 1  
YP 1  
SOL .5  
H2O 99.5  
PH 11.0  
CL 1,100  
HRD 280  
GEL 0/1  
API FIL 60.0

5160 TVD

5290

MD 5854 TVD 5219.95  
Az 176° Inc 89.9°

MD 5946 TVD 5220.99  
Az 176.7° Inc 88.8°

TVD SCALE= 2'/DIVISION

5240

20-HORIZONTAL

GAS SCALE 0 - 100 UNITS

CAMBRIDGE ENERGY: RUBY 3119-1A-20-HORIZONTAL

FG 21 UNITS

FG 24 UNITS

CG 19 UNITS

FG 23 UNITS

KD

KD

0

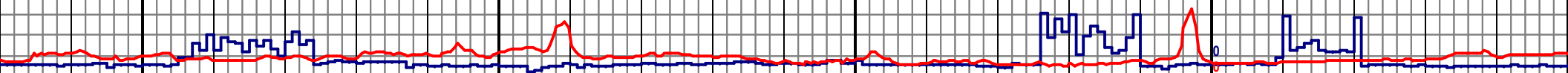


10

150

ROP (min/ft)

MWD Gamma (API)



6050

6100

6150

6200

6250

LS: OFF WHT- CRM, OCC LT TAN, PRED BLKY, MOD FRM- FRM, MICRO FN- V FN XLN, HL FRAC POR, LS: MSTLY OFF WHT- CRM, SME LT TAN, TR PLTY, MOD FRM- FRM, MICRO FN- V FN XLN, FRAC POR, HL FRAC POR, TR PP VUG POR, SCAT YEL FLOR THRU OUT, NO RESD RING

LS: ABUN OFF WHT- CRM, SCAT LT TAN, MSTLY BLKY, SME PLTY, MOD FRM- FRM, PRED MICRO FN- V FN XLN, FR INTERXLN POR, HL FRAC POR, DOL: OFF WHT- CRM, SME LT TAN, MSTLY BLKY, MOD FRM- FRM, MICRO FN- V FN XLN, HL FRAC POR, SCAT YEL FLOR THRU OUT, NO VIS CUT, NO RESD RING

5160 TVD

LS: PRED OFF WHT- CRM, SCAT LT TAN, MSTLY BLKY, SME PLTY, MOD FRM- FRM, PRED MICRO FN- V FN XLN, FR INTERXLN POR, HL FRAC POR, DOL: OFF WHT- CRM, SME LT TAN, MSTLY BLKY, MOD FRM- FRM, MICRO FN- V FN XLN, HL FRAC POR, SCAT YEL FLOR THRU OUT, NO VIS CUT, NO RESD RING

5200

MD 6037 TVD 5223.22  
Az 180° Inc 88.4°

MD 6129 TVD 5226.03  
Az 182.8° Inc 88.1°

MD 6220 TVD 5227.38  
Az 183.5° Inc 90.2°

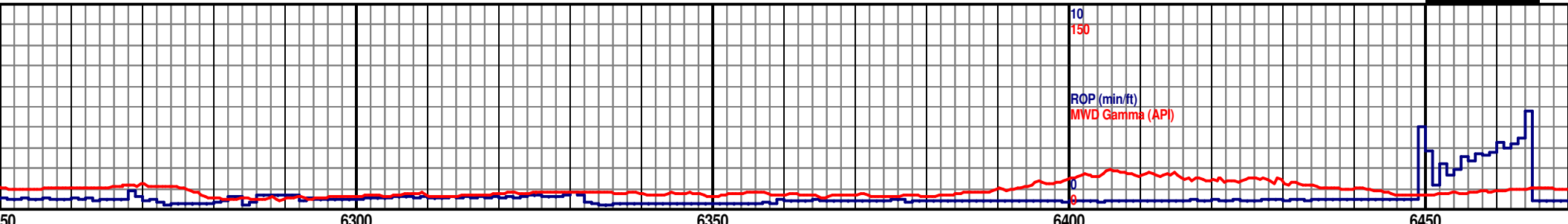
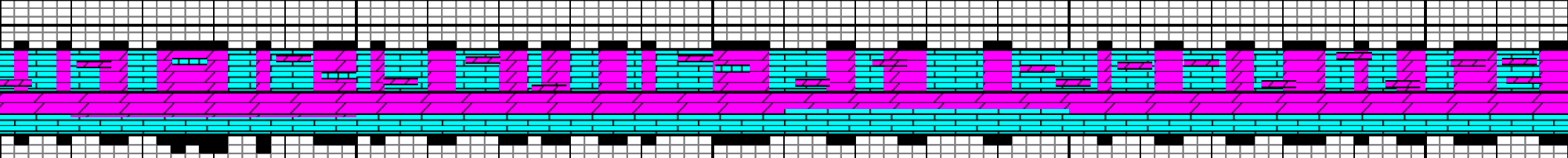
5240

CONN GAS  
24 UNITS

GAS SCALE 0 -  
100 UNITS

SANDRIDGE ENERGY: RUBY 3119-1A-20 HORIZONTAL

CONN GAS  
14 UNITS



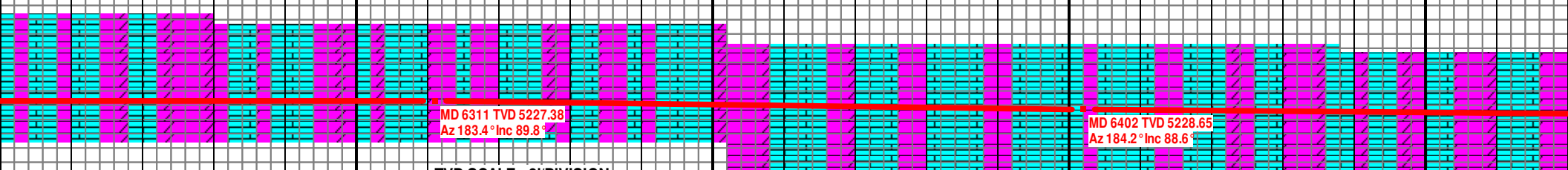
LT TAN, PRED BLKY, OCC PLTY, MOD  
FN XLN, FR INTERXLN POR, HL FRAC  
FF WHT- CRM, OCC LT TAN, PRED BLKY,  
MICRO FN- V FN XLN, HL FRAC POR,  
VIS CUT, NO RESD RING

LS: PRED OFF WHT- CRM, SCAT LT TAN, PRED BLKY, OCC PLTY, MOD  
FRM-FRM, PRED MICRO FN- V FN XLN, FR INTERXLN POR, HL FRAC  
POR, TR PP VUG POR, DOL: OFF WHT- CRM, OCC LT TAN, PRED BLKY,  
PRED MOD FRM- FRM, MSTLY MICRO FN- V FN XLN, HL FRAC POR,  
SCAT YEL FLOR THRU OUT, NO VIS CUT, NO RESD RING

LS: PRED OFF WHT- CRM, SCAT LT TAN, PRED BLKY, OCC  
PRED MICRO FN- V FN XLN, FR INTERXLN POR, HL FRAC  
POR, DOL: OFF WHT- CRM, OCC LT TAN, PRED BLKY, PRE  
MSTLY MICRO FN- V FN XLN, HL FRAC POR, SCAT YEL FL  
CUT, NO RESD RING

5160 TVD

5290



MD 6311 TVD 5227.38  
Az 183.4° Inc 89.8°

MD 6402 TVD 5228.65  
Az 184.2° Inc 88.6°

TVD SCALE= 2'/DIVISION

5240

GAS SCALE 0 - 100 UNITS

5/19/2012

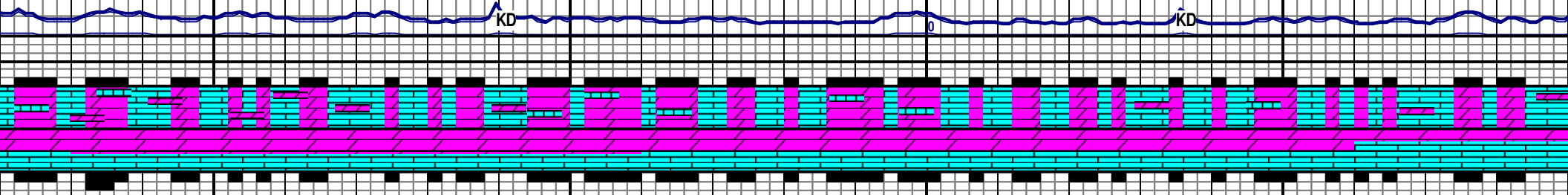
SANDRIDGE ENERGY: RUBY 3119-1A-20 HORIZONTAL

BG GAS 9 UNITS

BG GAS 8 UNITS

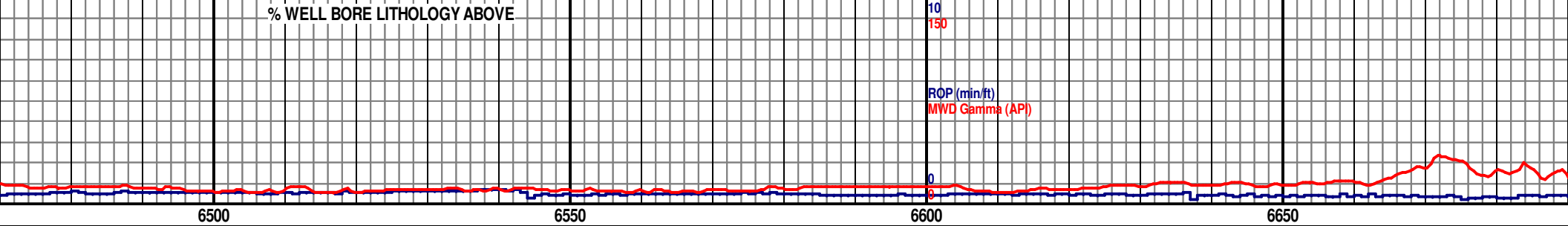
CONN GAS 13 UNITS

BG GAS 12 UNITS



% WELL BORE LITHOLOGY ABOVE

ROP (min/ft)  
MWD Gamma (API)



PLTY, MOD FRM-FRM,  
POR, TR PP VUG  
D MOD FRM- FRM,  
OR THRU OUT, NO VIS

LS: PRED OFF WHT- WH, SME CRM, PRED BLKY, OCC PLTY, MOD FRM-FRM,  
PRED MICRO FN- V FN XLN, FR INTERXLN POR, HL FRAC POR, TR PP VUG  
POR, DOL: OFF WHT- CRM, OCC LT TAN, PRED BLKY, PRED MOD FRM- FRM,  
MSTLY MICRO FN- V FN XLN, HL FRAC POR, SCAT YEL FLOR THRU OUT, NO  
VIS CUT, NO RESD RING

LS: PRED OFF WHT- WHT, SCAT CRM, PRED BLKY, OCC PLTY, MOD FRM-FRM  
PRED MICRO FN- V FN XLN, FR INTERXLN POR, HL FRAC POR, TR PP VUG  
POR, DOL: OFF WHT- CRM, OCC LT TAN, PRED BLKY, PRED MOD FRM- FRM,  
MSTLY MICRO FN- V FN XLN, HL FRAC POR, SCAT YEL FLOR THRU OUT, NO  
VIS CUT, NO RESD RING

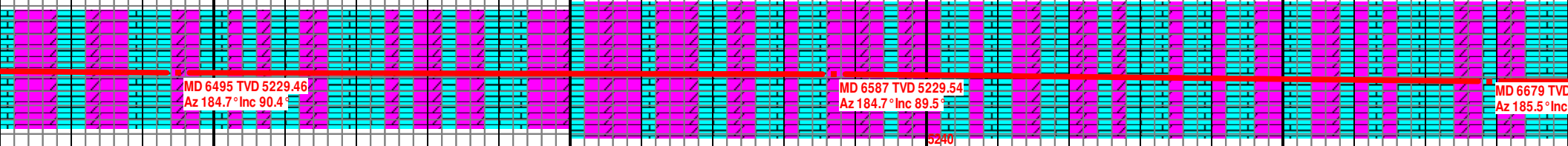
5160 TVD

5290

MD 6495 TVD 5229.46  
Az 184.7° Inc 90.4°

MD 6587 TVD 5229.54  
Az 184.7° Inc 89.5°

MD 6679 TVD  
Az 185.5° Inc



GAS SCALE 0 -  
100 UNITS

SANDRIDGE ENERGY: RUBY 3119-1A-20 HORIZONTAL

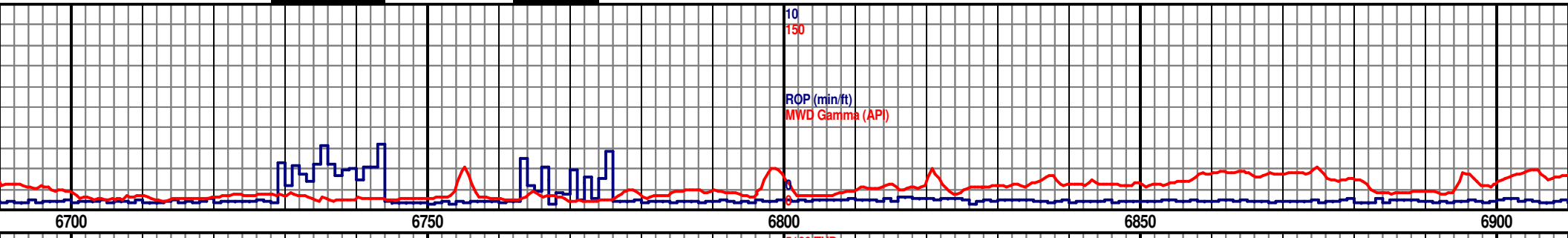
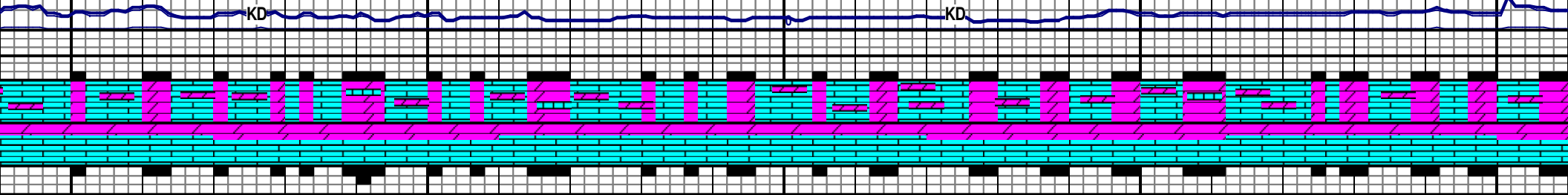
CONN GAS  
11 UNITS

BG GAS 7 UNITS

BG GAS 8 UNITS

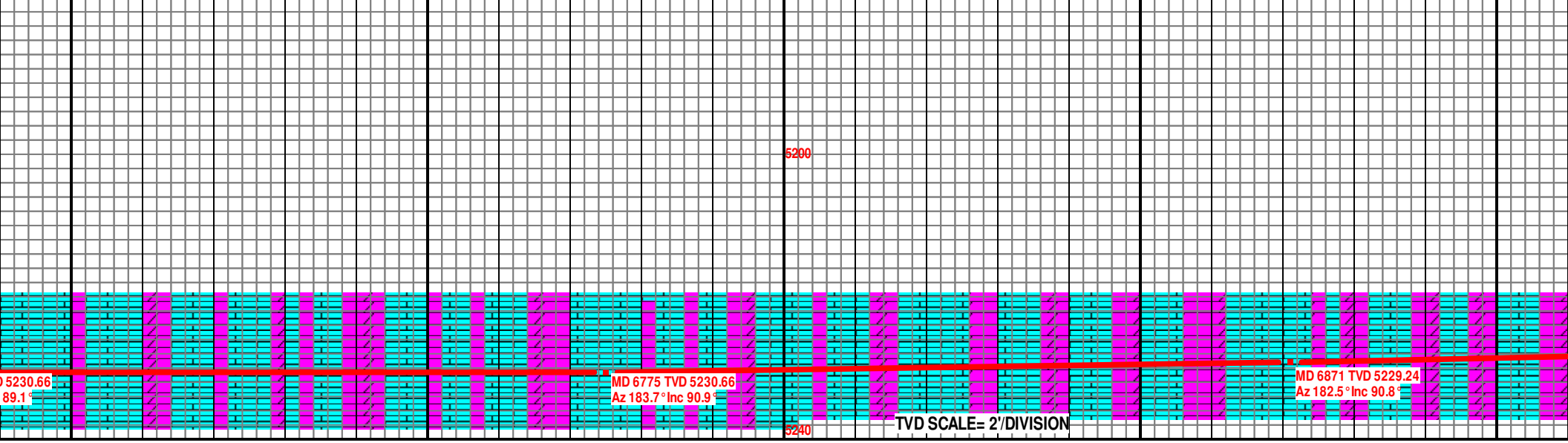
KD

KD

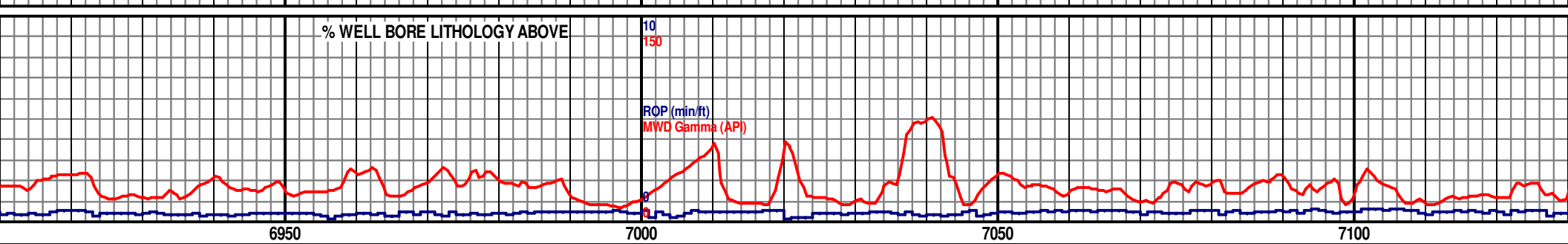
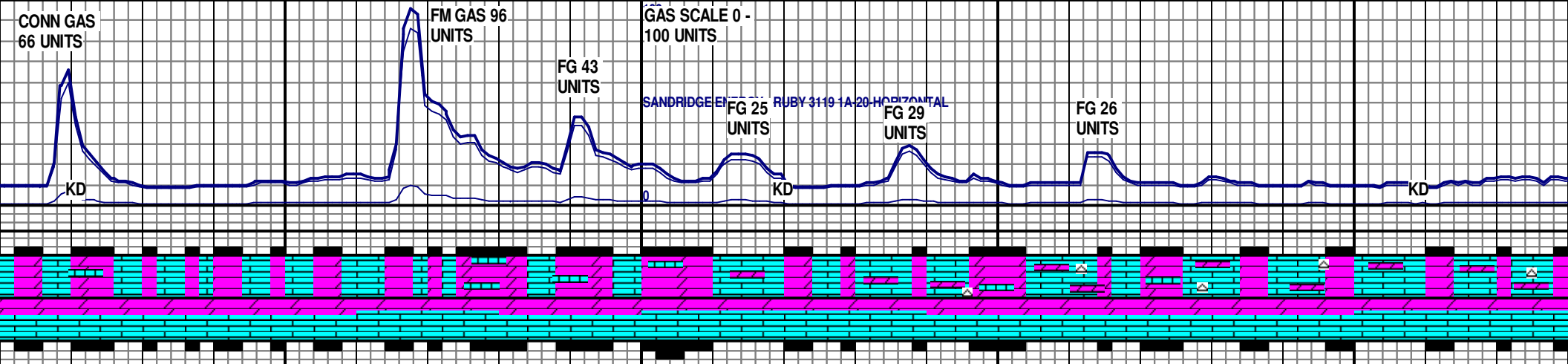


LS: PRED OFF WHT- WHT, SCAT CRM, PRED BLKY, OCC PLTY, MOD FRM-FRM, SME DNS, PRED MICRO FN- V FN XLN, FR-PR INTERXLN POR, HL FRAC POR, SME PP VUG POR, SUB ANG-SUB RND, DOL: OFF WHT-CRM, OCC LT TAN, PRED BLKY, PRED MOD FRM- FRM, MSTLY MICRO FN- V FN XLN, HL FRAC POR, SCAT YEL FLOR THRU OUT, NO VIS CUT, NO RESD RING

LS: PRED OFF WHT- WHT, SCAT CRM, PRED BLKY, OCC PLTY, MOD FRM-FRM, SME DNS, PRED MICRO FN- V FN XLN, FR-PR INTERXLN POR, HL FRAC POR, OCC PP VUG POR, SUB RND, DOL: OFF WHT-CRM, OCC LT TAN, PRED BLKY, PRED MOD FRM- FRM, MSTLY MICRO FN- V FN XLN, HL FRAC POR, SCAT YEL FLOR THRU OUT, NO VIS CUT, NO RESD RING



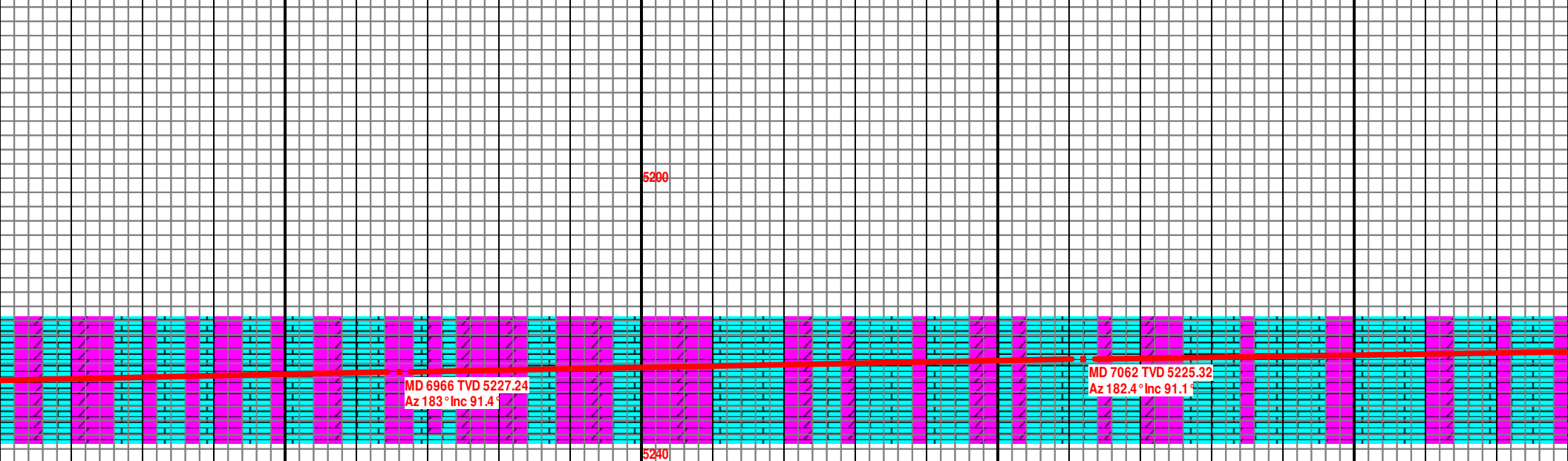
TVD SCALE= 2'/DIVISION



LS: PRED OFF WHT- WHT, SCAT CRM, PRED BLKY, OCC PLTY, MOD FRM-FRM, SME DNS, PRED MICRO FN- V FN XLN, FR-PR INTERXLN POR, HL FRAC POR, OCC PP VUG POR, SUB RND, DOL: OFF WHT- CRM, OCC LT TAN, PRED BLKY, PRED MOD FRM- FRM, MSTLY MICRO FN- V FN XLN, HL FRAC POR, SCAT YEL FLOR THRU OUT, NO VIS CUT, NO RESD RING

LS: MSTLY OFF WHT- LT TAN, SME CRM, PRED BLKY, MSTLY MOD FRM-FRM, SME DNS, MICRO FN- V FN XLN, SUB RND, PR INTERXLN POR, HL FRAC POR, DOL: OFF WHT- CRM, SCAT LT TAN- LT GRY, MSTLY BLKY, PRED MOD FRM- FRM, MSTLY MICRO FN- V FN XLN, HL FRAC POR, SCAT YEL FLOR THRU OUT, NO VIS CUT, NO RESD RING

LS: ABUN OFF WH... MSTLY MOD FRM-... POR, HL FRAC P... PRED MOD FRM-... FLOR THRU OUT,



GAS SCALE 0 - 100 UNITS

SANDRIDGE ENERGY: RUBY 3119 1A 20 HORIZONTAL

FG 19 UNITS

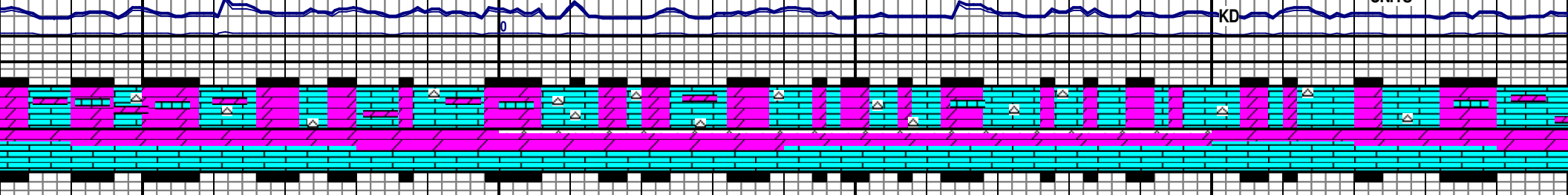
CG 13 UNITS  
KD

FG 17 UNITS

FG 13 UNITS

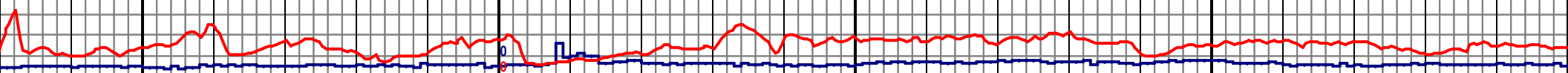
FG 17 UNITS

BG 10 UNITS



10  
150

ROP (min/ft)  
MWD Gamma (API)



7150

7200

7250

7300

7350

HT- LT TAN, SME CRM, SME LT GRY, PRED BLKY, SME SPLNTY, FRM, SME BRIT, MICRO FN- V FN XLN, SUB RND, PR INTERXLN OR, DOL: OFF WHT- CRM, SME LT TAN- LT GRY, MSTLY BLKY, FRM, MSTLY MICRO FN- V FN XLN, HL FRAC POR, V SCAT YEL NO VIS CUT, NO RES RING

5160 TVD

LS: PRED OFF WHT- LT TAN, SME CRM, V SCAT LT GRY, MSTLY BLKY, TR PLTY, PRED MOD FRM-FRM, TR BRIT, MICRO FN- V FN XLN, SUB RND, PR INTERXLN POR, HL FRAC POR, DOL: OFF WHT- CRM, SME LT GRY, MSTLY BLKY, MOD FRM- FRM, MICRO FN- V FN XLN, HL FRAC POR, CHT: PRED OFF WHT- OPQ, V HD- MOD HD, TR BRIT, BLKY, SCAT YEL FLOR THRU OUT, NO VIS CUT, NO RES RING

LS: MSTLY OFF WHT- LT TAN, SCAT CRM, SME BRIT, PRED MICRO FN- V FN XLN, S POR, DOL: OFF WHT- CRM, PRED BLKY, XLN, HL FRAC POR, LESS THAN 5% CHT, RES RING

5290

MD 7157 TVD 5223.91  
Az 182.2° Inc 90.6°

MD 7253 TVD 5223.66  
Az 181.7° Inc 89.7°

5240

TVD SCALE= 2'/DIVISION

GAS SCALE 0 - 100 UNITS

SANDRIDGE ENERGY: RUBY 3119 1A 20 HORIZONTAL

FG 24 UNITS

FG 18 UNITS

FG 17 UNITS

FG 15 UNITS

FG 23 UNITS

FG 19 UNITS

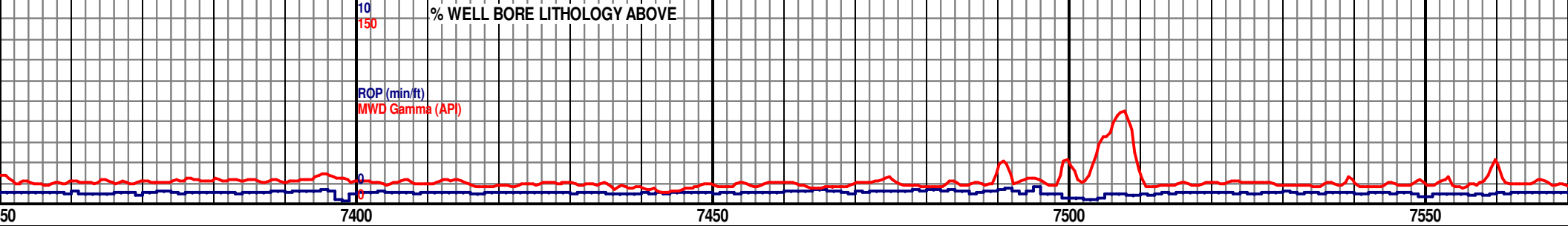
FG 2 UNITS



% WELL BORE LITHOLOGY ABOVE

10  
150

ROP (min/ft)  
MWD Gamma (API)



TAN, PRED BLKY, SME PLTY, MOD FRM-FRM, SUB RND, PR- FR INTERXLN POR, HL FRAC MSTLY MOD FRM- FRM, PRED MICRO FN- V FN SCAT YEL FLOR THRU OUT, NO VIS CUT, NO

5160 TVD

LS: PRED OFF WHT- LT TAN, SME CRM- TAN, PRED BLKY, TR PLTY, MOD FRM-FRM, SCAT BRIT, MSTLY MICRO FN- V FN XLN, SUB RND, PR- FR INTERXLN POR, HL FRAC POR, DOL: OFF WHT- CRM, PRED BLKY, PRED MOD FRM- FRM, MICRO FN- V FN XLN, HL FRAC POR, SCAT YEL FLOR THRU OUT, NO VIS CUT, NO RES RING

LS: PRED LT TAN- OFF WHT, OCC CRM - TAN, PRED SPLNTY, MOD FRM-FRM, SME DNS, MSTLY MICRO F RND, FR- PR INTERXLN POR, HL FRAC POR, DOL: L MSTLY BLKY, PRED MOD FRM- FRM, MICRO FN- V FN POR, SCAT YEL FLOR THRU OUT, NO VIS CUT, NO

MUD DATA  
DEPTH: 7,360'  
WT 8.40  
VIS 26  
PV 1  
YP 1  
SOL .5  
H2O 99.5  
PH 9.0  
CL 800  
HRD 80  
GEL 0/1  
API FIL 60.0

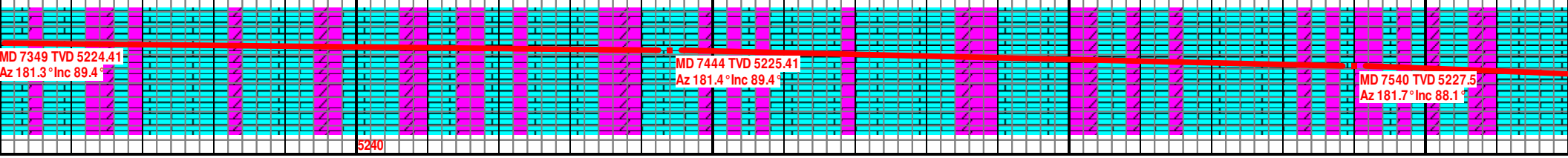
5290

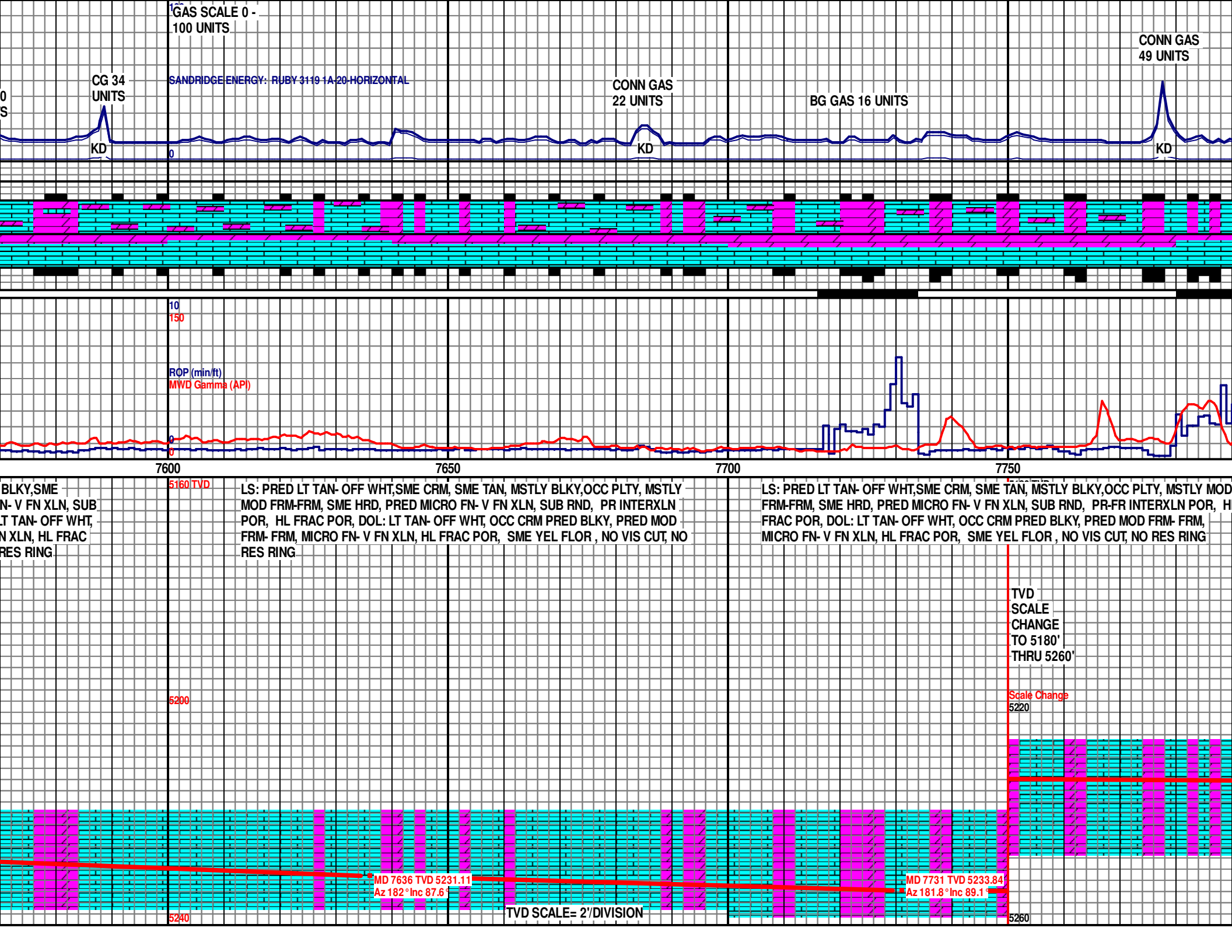
MD 7349 TVD 5224.41  
Az 181.3° Inc 89.4°

MD 7444 TVD 5225.41  
Az 181.4° Inc 89.4°

MD 7540 TVD 5227.5  
Az 181.7° Inc 88.1°

5240





GAS SCALE 0 - 100 UNITS

CONN GAS 49 UNITS

CG 34 UNITS

SANDRIDGE ENERGY: RUBY 3119-1A-20 HORIZONTAL

CONN GAS 22 UNITS

BG GAS 16 UNITS

10  
150

ROP (min/ft)  
MWD Gamma (API)

7600

7650

7700

7750

BLKY,SME  
N- V FN XLN, SUB  
LT TAN- OFF WHT,  
N XLN, HL FRAC  
RES RING

5160 TVD

LS: PRED LT TAN- OFF WHT,SME CRM, SME TAN, MSTLY BLKY,OCC PLTY, MSTLY MOD FRM-FRM, SME HRD, PRED MICRO FN- V FN XLN, SUB RND, PR INTERXLN POR, HL FRAC POR, DOL: LT TAN- OFF WHT, OCC CRM PRED BLKY, PRED MOD FRM- FRM, MICRO FN- V FN XLN, HL FRAC POR, SME YEL FLOR, NO VIS CUT, NO RES RING

LS: PRED LT TAN- OFF WHT,SME CRM, SME TAN, MSTLY BLKY,OCC PLTY, MSTLY MOD FRM-FRM, SME HRD, PRED MICRO FN- V FN XLN, SUB RND, PR-FR INTERXLN POR, HL FRAC POR, DOL: LT TAN- OFF WHT, OCC CRM PRED BLKY, PRED MOD FRM- FRM, MICRO FN- V FN XLN, HL FRAC POR, SME YEL FLOR, NO VIS CUT, NO RES RING

TVD  
SCALE  
CHANGE  
TO 5180'  
THRU 5260'

5290

Scale Change  
5220

5240

MD 7636 TVD 5231.11  
Az 182° Inc 87.6°

MD 7731 TVD 5233.84  
Az 181.8° Inc 89.1°

TVD SCALE= 2'/DIVISION

5260

GAS SCALE 0 -  
100 UNITS

FM GAS 63 UNITS

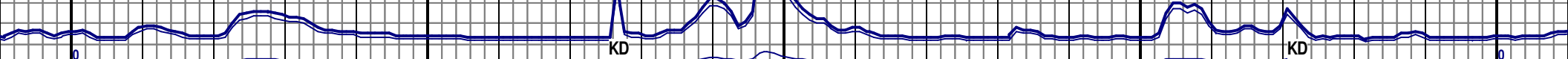
GAS SCALE 0 -  
100 UNITS

SANDRIDGE ENERGY: RUBY 3119-1A-20-HORIZONTAL

CONN GAS  
40 UNITS

CONN GAS  
27 UNITS

SANDRIDGE ENERGY: RUBY 3119-1A-20-HORIZONTAL

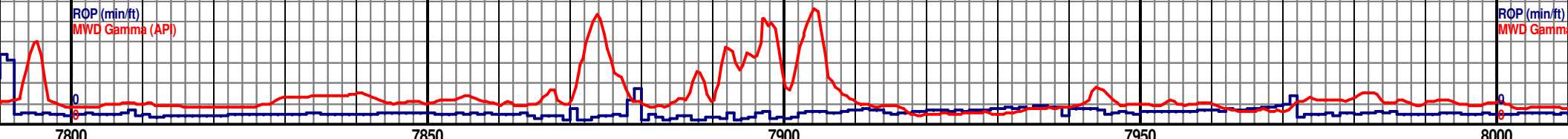


10  
150  
% WELL BORE LITHOLOGY ABOVE

10  
150  
% WELL BORE LITHOLOGY ABOVE

ROP (min/ft)  
MWD Gamma (API)

ROP (min/ft)  
MWD Gamma (API)



5180 TVD  
LS: PRED LT TAN- OFF WHT, SME CRM, SME TAN, MSTLY BLKY, OCC PLTY,  
MSTLY MOD FRM-FRM, SME HRD, PRED MICRO FN- V FN XLN, SUB RND, PR-FR  
INTERXLN POR, HL FRAC POR, DOL: LT TAN- OFF WHT, OCC CRM PRED BLKY,  
PRED MOD FRM- FRM, MICRO FN- V FN XLN, HL FRAC POR, SME YEL FLOR,  
NO VIS CUT, NO RES RING

5180 TVD  
LS: PRED LT TAN- OFF WHT, SME CRM, SME TAN, MSTLY BLKY, OCC  
PLTY, MSTLY MOD FRM-FRM, SME HRD, PRED MICRO FN- V FN XLN,  
SUB RND, PR-FR INTERXLN POR, HL FRAC POR, DOL: LT TAN- OFF  
WHT, OCC CRM PRED BLKY, PRED MOD FRM- FRM, MICRO FN- V FN  
XLN, HL FRAC POR, SME YEL FLOR, NO VIS CUT, NO RESD RING

5220

5220

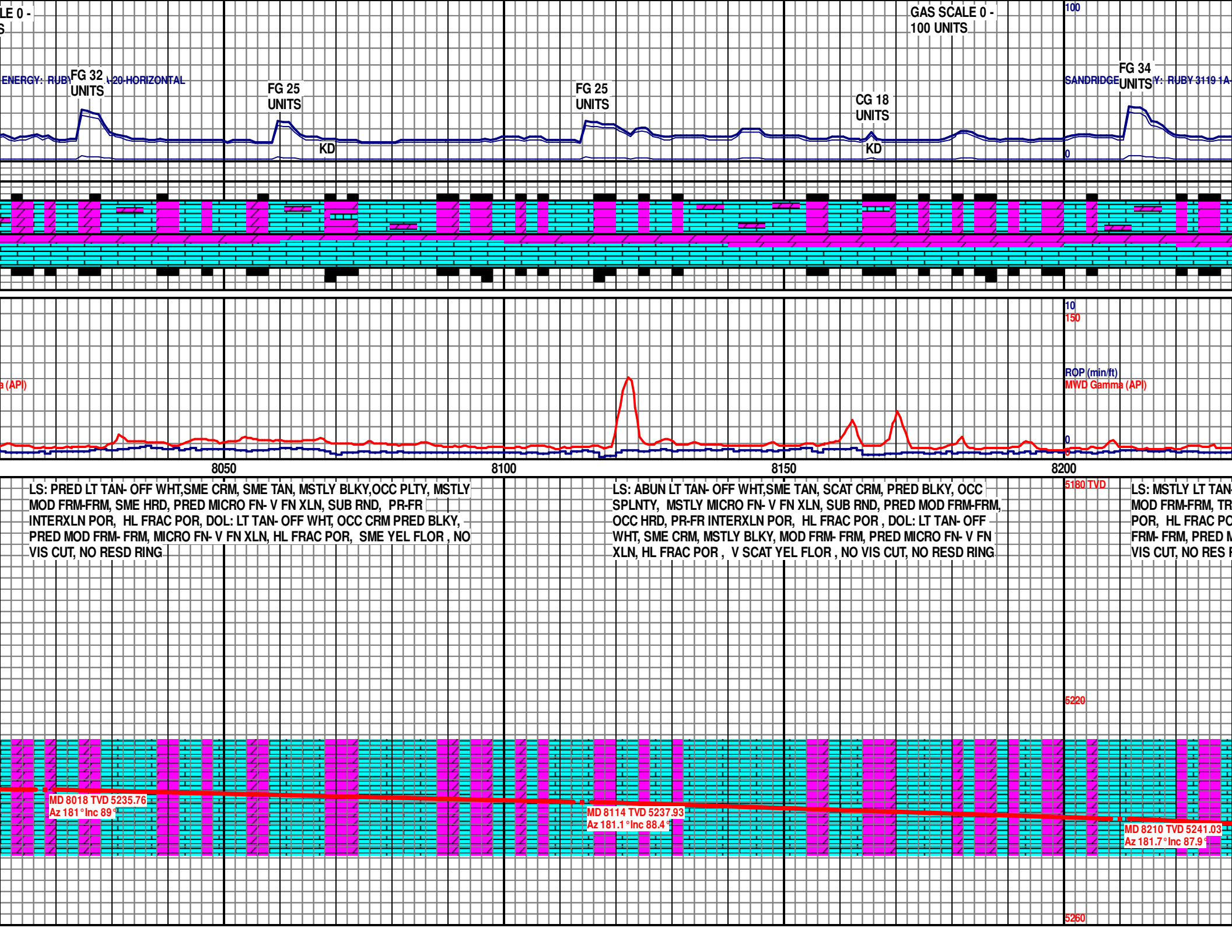
MD 7827 TVD 5234.34  
Az 181.5° Inc 90.3°

MD 7923 TVD 5234.51  
Az 181.2° Inc 89.5°

5260

5260

TVD SCALE= 2'/DIVISION



5/20/2012

20-HORIZONTAL

100 GAS SCALE 0 - 100 UNITS

SANDRIDGE ENERGY: RUBY 3119-1A-20-HORIZONTAL

FM GAS  
100  
UNITS

CG 22  
UNITS

BG GAS 15 UNITS

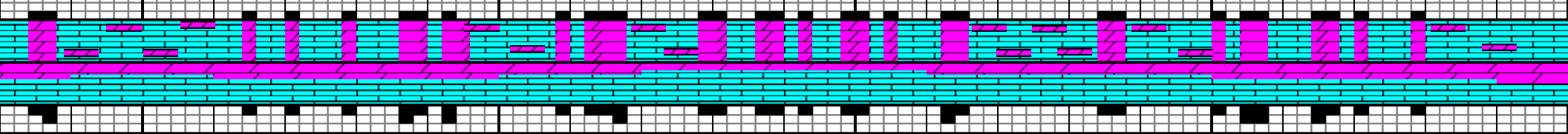
CG 2  
UNIT

KD

KD

0

K



% WELL BORE LITHOLOGY ABOVE

10  
150

ROP (min/ft)  
MWD Gamma (API)

8250

8300

8350

8400

8450

LS: OFF WHT, SCAT TAN- CRM, PRED BLKY, SME SPLNTY, PRED HRD, PRED MICRO FN- V FN XLN, SUB RND, PR-FR INTERXLN, DOL: LT TAN- OFF WHT, SME CRM, MSTLY BLKY, MOD MICRO FN- V FN XLN, HL FRAC POR, V SCAT YEL FLOR, NO RES RING

LS: OFF WHT-WHT, SME CRM, SME LT TAN, BLKY, SME PLTY, MOD FRM-FRM, SME HRD, PRED MICRO FN- V FN XLN, PRED SUB RND, PR -FR INTERXLN POR, HL FRAC POR, DOL: PRED LT TAN- OFF WHT, SME CRM, MSTLY BLKY, PRED MOD FRM- FRM, MICRO FN- V FN XLN, HL FRAC POR, V SCAT YEL FLOR, NO VIS CUT, NO RES RING

LS: OFF WHT-WHT, SME LT TAN, B MICRO FN- V FN XLN, PRED SUB R FRAC POR, DOL: PRED OFF WHT-V MOD FRM- FRM, MICRO FN- V FN XL NO VIS CUT, NO RES RING

5200 TVD

Scale Change  
5240

MD 8305 TVD 5245.26  
Az 181.6° Inc 87°

5240

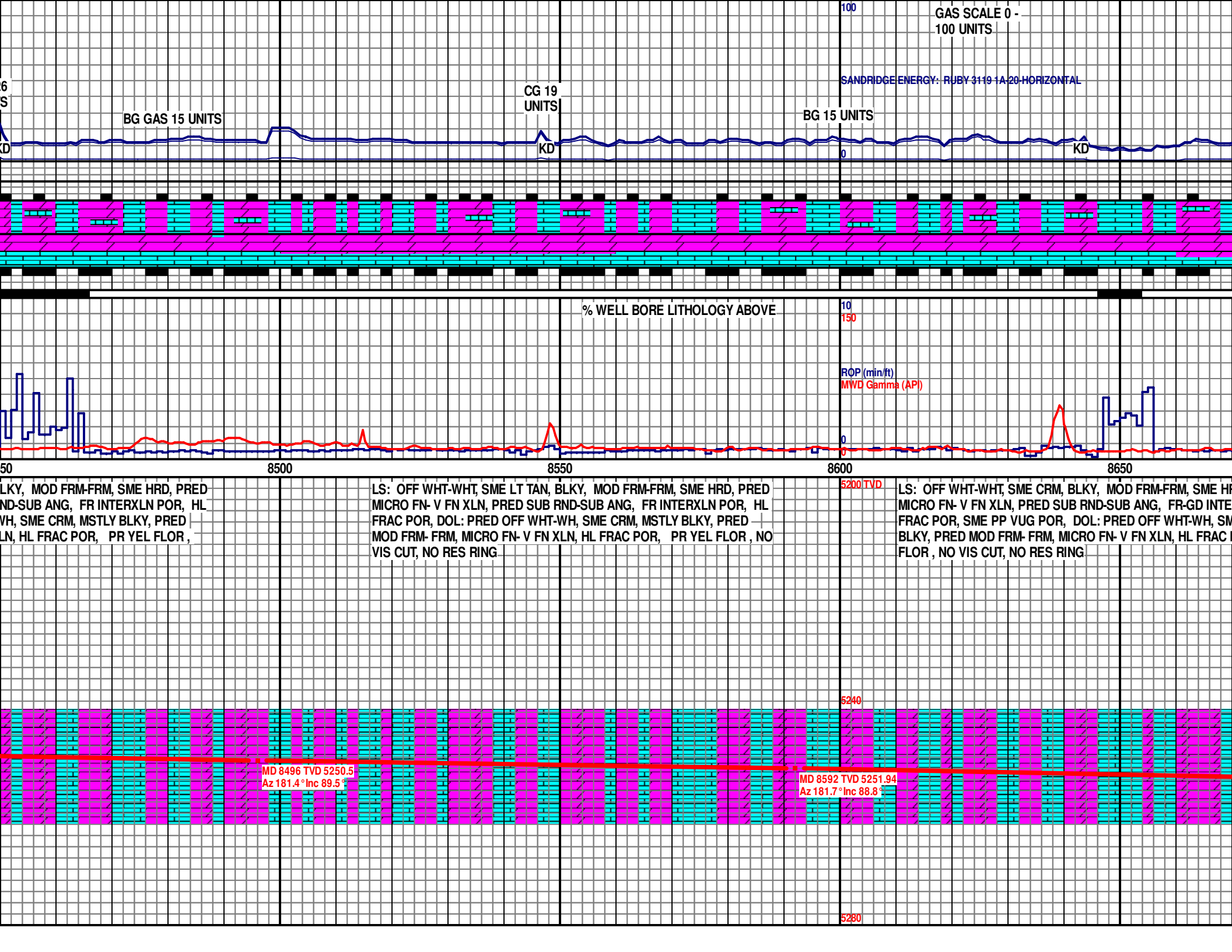
MD 8401 TVD 5248.94  
Az 182° Inc 88.6°

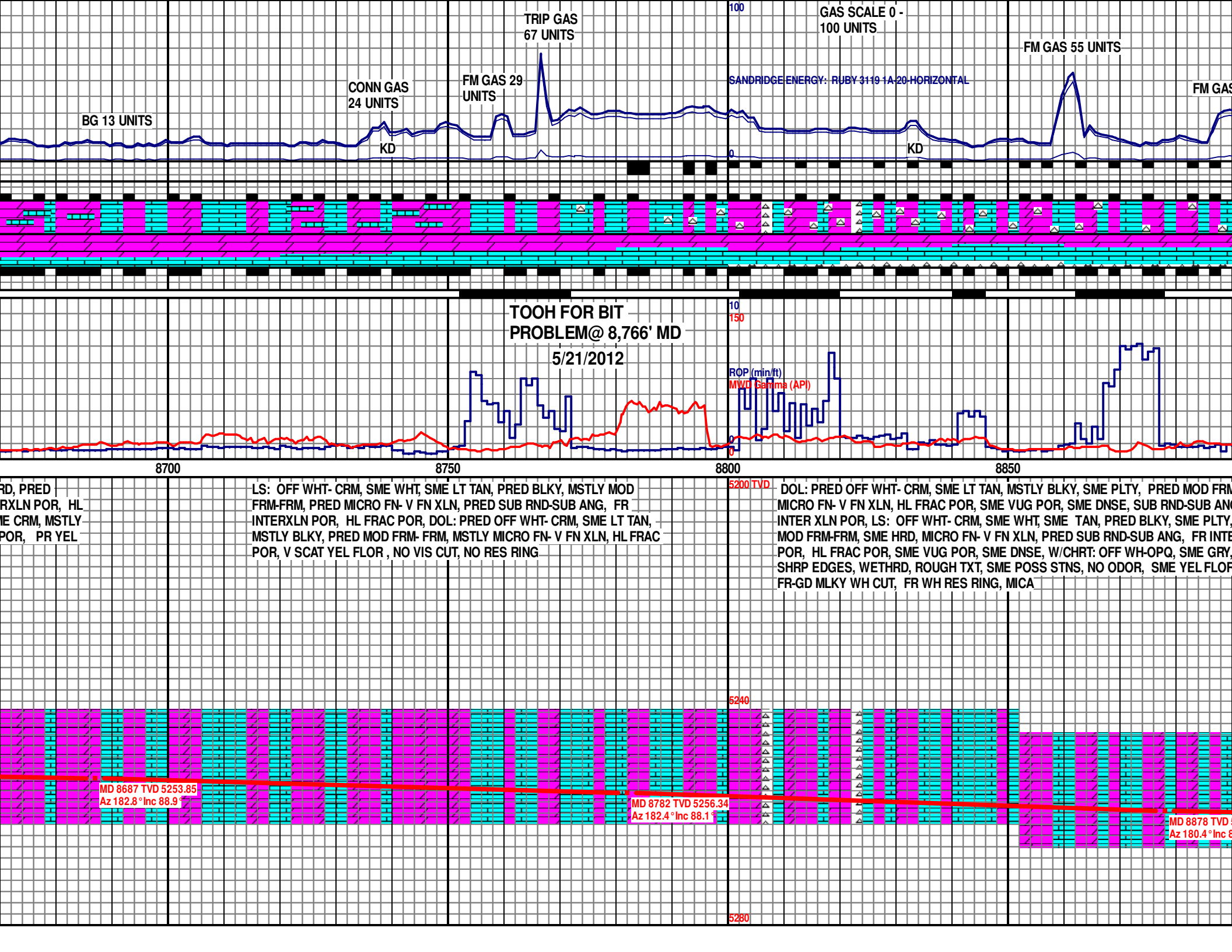
TVD SCALE  
CHANGE  
TO 5200'  
THRU 5280'

TVD SCALE= 2'/DIVISION

5280

5280





GAS SCALE 0 - 100 UNITS

BG 13 UNITS

CONN GAS 24 UNITS

FM GAS 29 UNITS

TRIP GAS 67 UNITS

FM GAS 55 UNITS

SANDRIDGE ENERGY: RUBY 3119-1A-20 HORIZONTAL

TOOH FOR BIT  
PROBLEM @ 8,766' MD  
5/21/2012

ROP (min/ft)  
MWD (API)

8700

8750

8800

8850

RD, PRED  
RXLN POR, HL  
IE CRM, MSTLY  
POR, PR YEL

LS: OFF WHT- CRM, SME WHT, SME LT TAN, PRED BLKY, MSTLY MOD  
FRM-FRM, PRED MICRO FN- V FN XLN, PRED SUB RND-SUB ANG, FR  
INTERXLN POR, HL FRAC POR, DOL: PRED OFF WHT- CRM, SME LT TAN,  
MSTLY BLKY, PRED MOD FRM- FRM, MSTLY MICRO FN- V FN XLN, HL FRAC  
POR, V SCAT YEL FLOR, NO VIS CUT, NO RES RING

5200 TVD DOL: PRED OFF WHT- CRM, SME LT TAN, MSTLY BLKY, SME PLTY, PRED MOD FRM  
MICRO FN- V FN XLN, HL FRAC POR, SME VUG POR, SME DNSE, SUB RND-SUB AN  
INTER XLN POR, LS: OFF WHT- CRM, SME WHT, SME TAN, PRED BLKY, SME PLTY,  
MOD FRM-FRM, SME HRD, MICRO FN- V FN XLN, PRED SUB RND-SUB ANG, FR INTE  
POR, HL FRAC POR, SME VUG POR, SME DNSE, W/CHRT: OFF WH-OPQ, SME GRY,  
SHRP EDGES, WETHRD, ROUGH TXT, SME POSS STNS, NO ODOR, SME YEL FLOP  
FR-GD MLKY WH CUT, FR WH RES RING, MICA

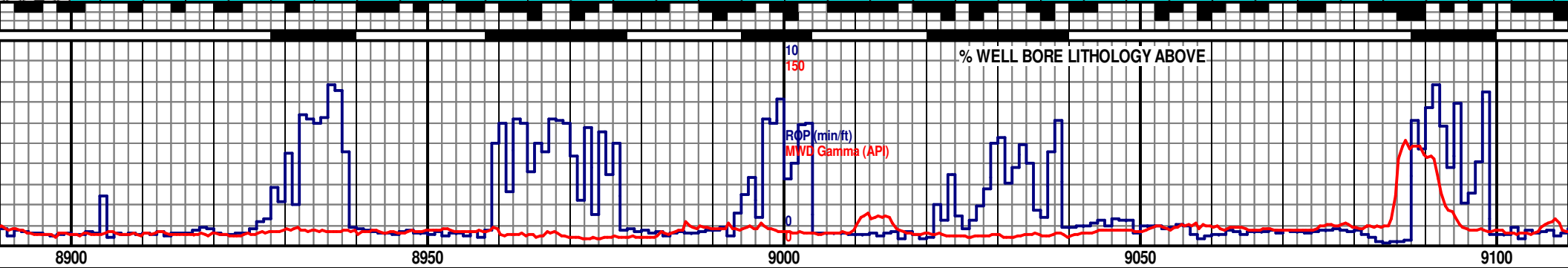
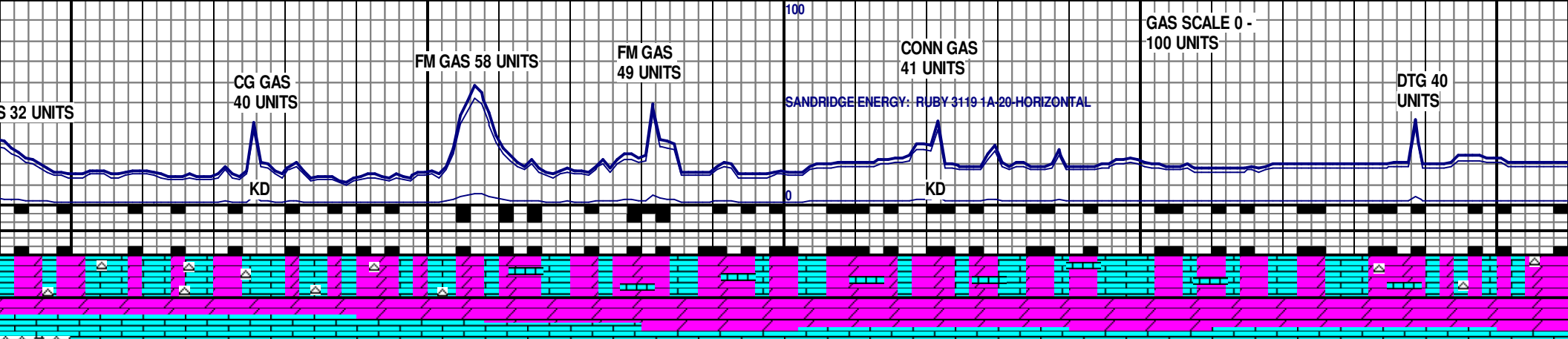
MD 8687 TVD 5253.85  
Az 182.8° Inc 88.9°

MD 8782 TVD 5256.34  
Az 182.4° Inc 88.1°

MD 8878 TVD  
Az 180.4° Inc 88.1°

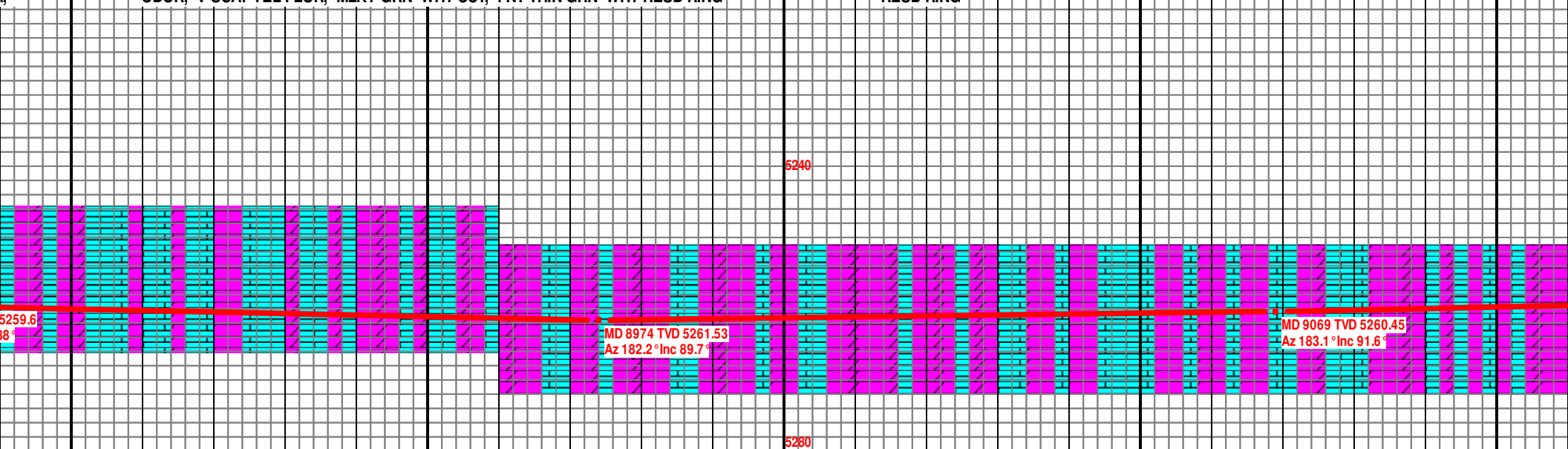
5240

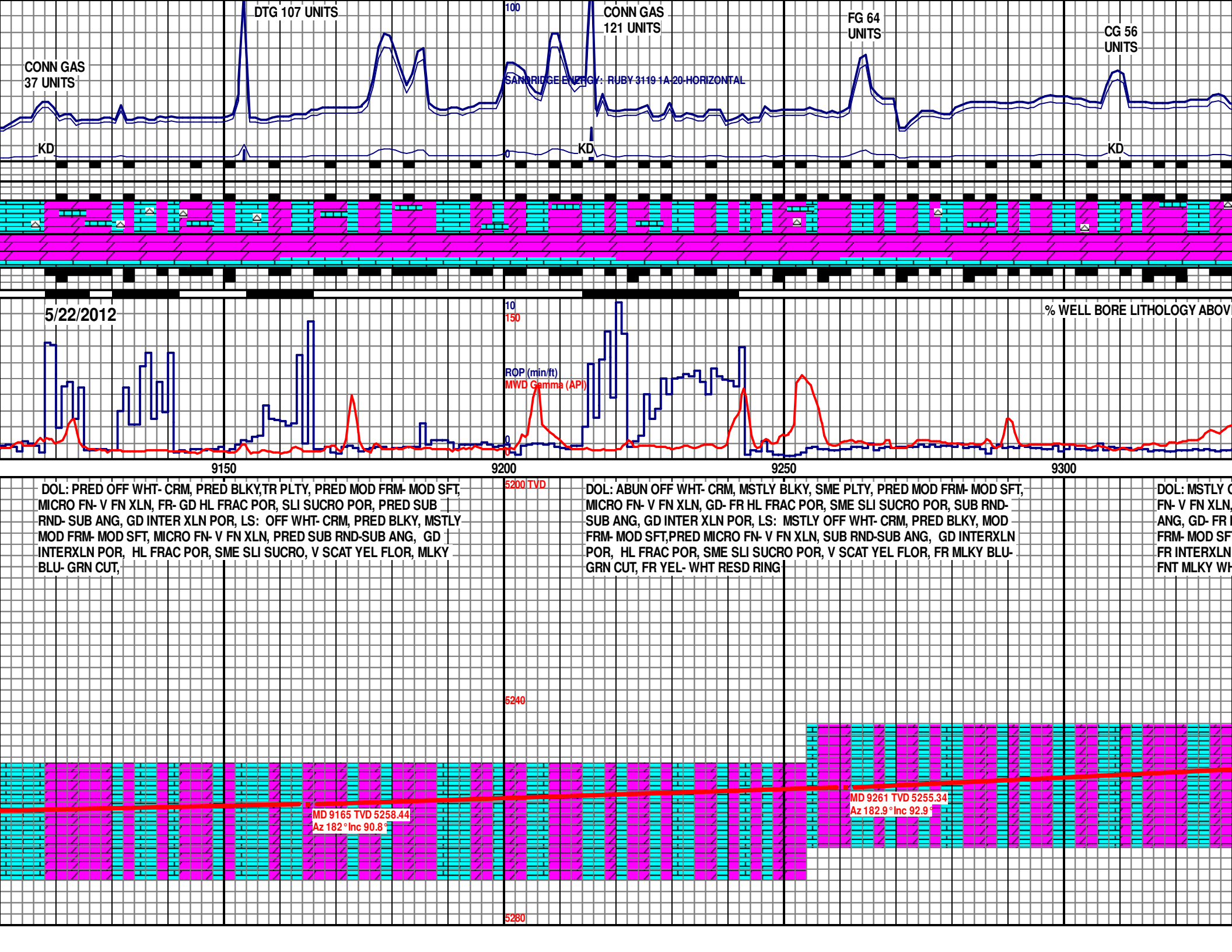
5280

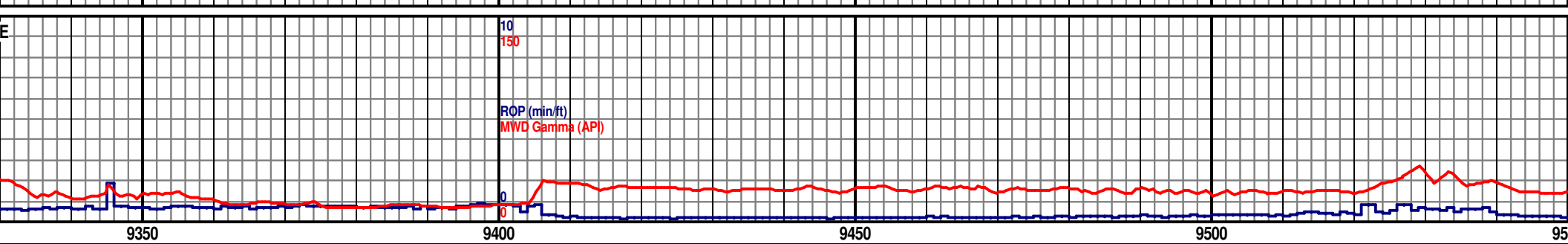
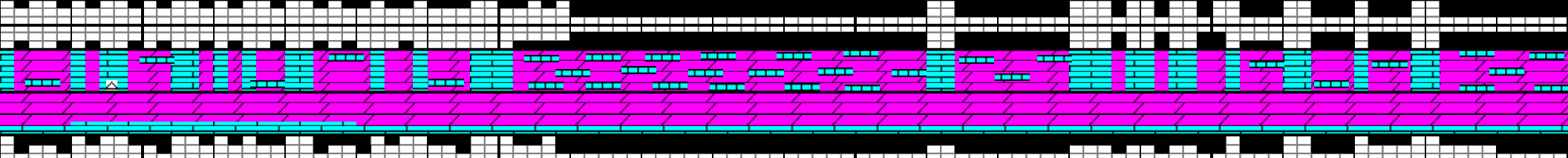
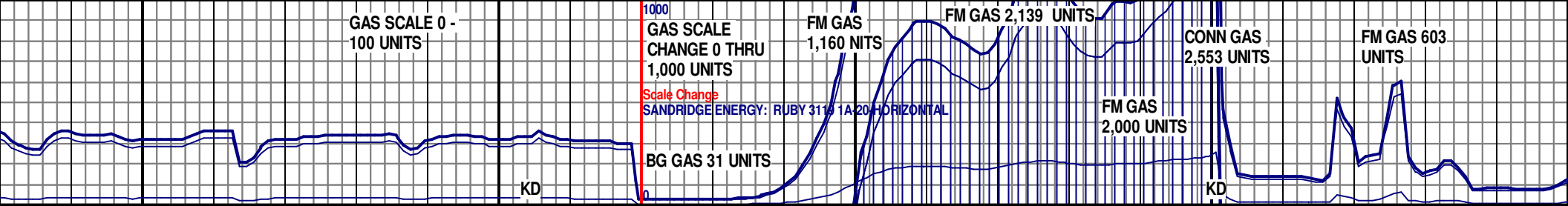


LS: OFF WHT- CRM, SCAT LT TAN, PRED BLKY, MSTLY MOD FRM- FRM, TR HRD, MICRO FN- V FN XLN, PRED SUB RND-SUB ANG, GD- FR INTERXLN POR, HL FRAC POR, SME SLI SUCRO, DOL: PRED OFF WHT- CRM, SCAT LT TAN- TAN, MSTLY BLKY, PRED MOD FRM- FRM, TR BRIT, MICRO FN- V FN XLN, HL FRAC POR, GD- FR INTER XLN POR, PRED SUB RND- SUB ANG,, CHRT: OFF WH- OPQ, PRED HRD, SME BRIT,SME POSS STNS, NO ODOR, V SCAT YEL FLOR, MLKY GRN- WHT CUT, FNT THIN GRN- WHT RESD RING

DOL: PRED OFF WHT- CRM, PRED BLKY,TR PLTY, PRED MOD FRM- MOD SFT, MICRO FN- V FN XLN, FR- GD HL FRAC POR, SLI SUCRO POR, PRED SUB RND- SUB ANG, GD INTER XLN POR, LS: OFF WHT- CRM, PRED BLKY, MSTLY MOD FRM- MOD SFT, MICRO FN- V FN XLN, PRED SUB RND-SUB ANG, GD INTERXLN POR, HL FRAC POR, SME SLI SUCRO, V SCAT YEL FLOR, MLKY BLU-GRN CUT, FNT THIN BLU-GRN RESD RING



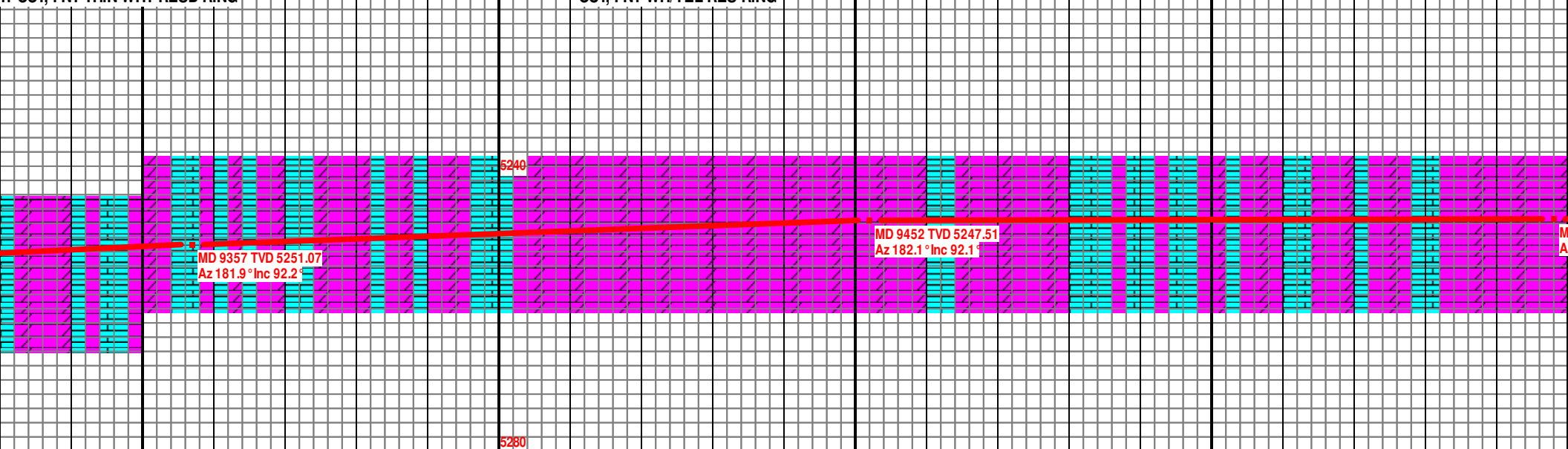


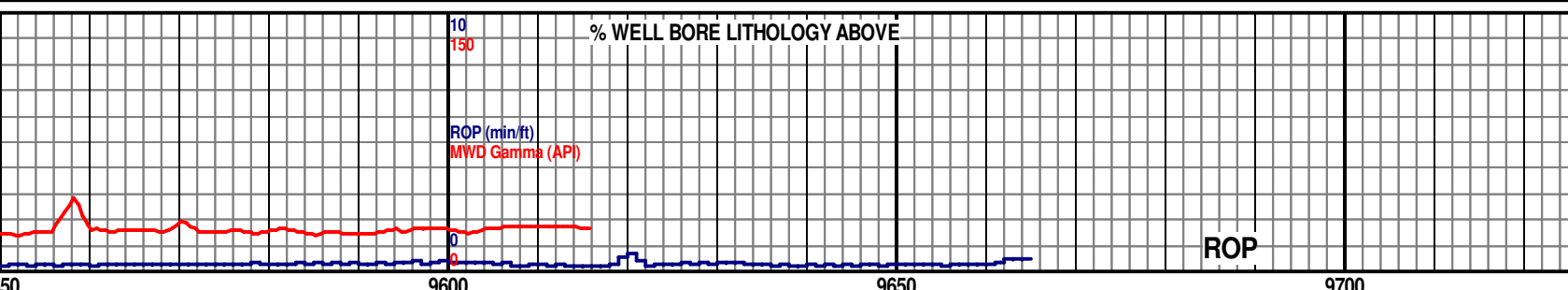
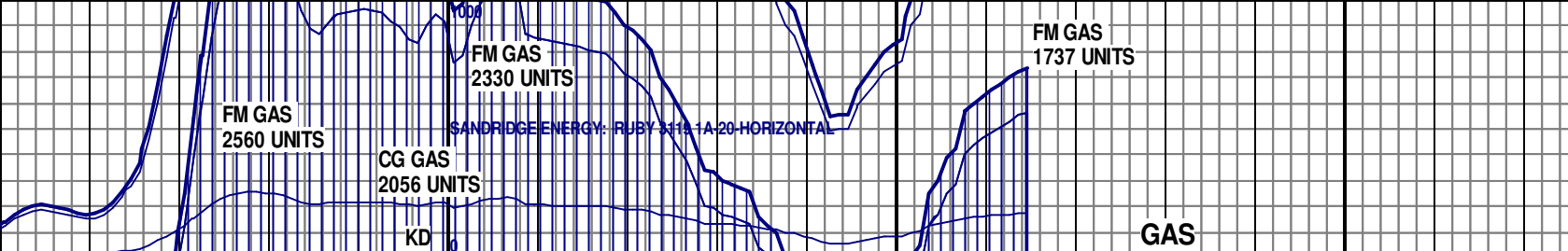


OFF WHT- CRM, PRED BLKY, PRED MOD FRM- MOD SFT, MICRO GD- FR HL FRAC POR, SME SLI SUCRO POR, SUB RND- SUB INTER XLN POR, LS: PRED OFF WHT- CRM, PRED BLKY, MOD T, PRED MICRO FN- V FN XLN, PRED SUB RND-SUB ANG, GD- POR, HL FRAC POR, SME SLI SUCRO POR, V SCAT YEL FLOR, WHT CUT, FNT THIN WHT RESD RING

5200 TVD  
DOL: MSTLY OFF WHT, LT TAN-CRM, PRED BLKY, SME PLTY, PRED MOD FRM- MOD SFT, MSTLY MICRO FN- V FN XLN, SUCRO POR, SUB RND- SUB ANG, GD- FR INTER XLN POR, POSS OIL STN, LS: PRED OFF WHT- CRM, PRED BLKY, MOD FRM- MOD SFT, PRED MICRO FN- V FN XLN, MSTLY SUB RND-SUB ANG, SUCRO POR, GD- FR INTERXLN POR, POSS OIL STN, GD OIL ODOR, INCRS YEL FLOR, YEL- WHT FLASH CUT, FNT WH/YEL RES RING

DOL: MSTLY OFF WHT, LT TAN-CRM, PRED BLKY, SME PLTY, PRED MOD FRM- MOD SFT, MSTLY MICRO FN- V FN XLN, SUCRO POR, SUB RND- SUB ANG, GD- FR INTER XLN POR, POSS OIL STN, LS: PRED OFF WHT- CRM, PRED BLKY, MOD FRM- MOD SFT, PRED MICRO FN- V FN XLN, MSTLY SUB RND-SUB ANG, SUCRO POR, GD- FR INTERXLN POR, POSS OIL STN, GD OIL ODOR, INCRS YEL FLOR, YEL- WHT FLASH CUT, FNT WH/YEL RES RING

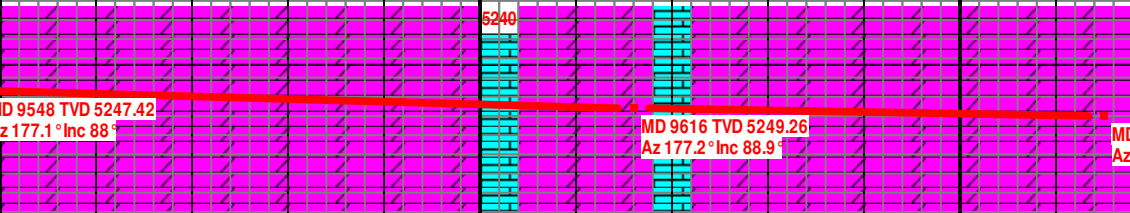




KY, SME PLTY, PRED MOD FRM- MOD SFT, MSTLY  
 SUB ANG, GD- FR INTER XLN POR, POSS OIL  
 MOD FRM- MOD SFT, PRED MICRO FN- V FN XLN,  
 FR INTERXLN POR, POSS OIL STN, GD OIL  
 T, FNT WH/YEL RES RING

DOL: ABUN OFF WHT, SCAT LT TAN- CRM, PRED BLKY, TR PLTY, PRED MOD  
 FRM- MOD SFT, MICRO FN- V FN XLN, SUCRO POR, SUB RND- SUB ANG,  
 GD- FR INTER XLN POR, POSS OIL STN, LS: PRED OFF WHT- CRM, PRED  
 BLKY, MOD FRM- MOD SFT, MSTLY MICRO FN- V FN XLN, PRED SUB  
 RND-SUB ANG, SUCRO POR, GD- FR INTERXLN POR, POSS OIL STN, GD  
 OIL ODOR, INCRS BRI YEL FLOR, YEL- WHT FLASH CUT, FNT WH/YEL RES  
 RING

**SANDRIDGE ENERGY INC.**  
**RUBY 3119 1A-20H SEC**  
**20-T31S-R19W COMANCHE**  
**CO. KANSAS**  
**GR 2,174' KB 2,194'**  
**DRILLER TD WELL @ 9,665'**  
**MD 5,249.93' TVD**



ID 9548 TVD 5247.42  
 Az 177.1° Inc 88°

MD 9616 TVD 5249.26  
 Az 177.2° Inc 88.9°

MD 9665 TVD 5249.93  
 Az 177.3° Inc 89.55°

5280