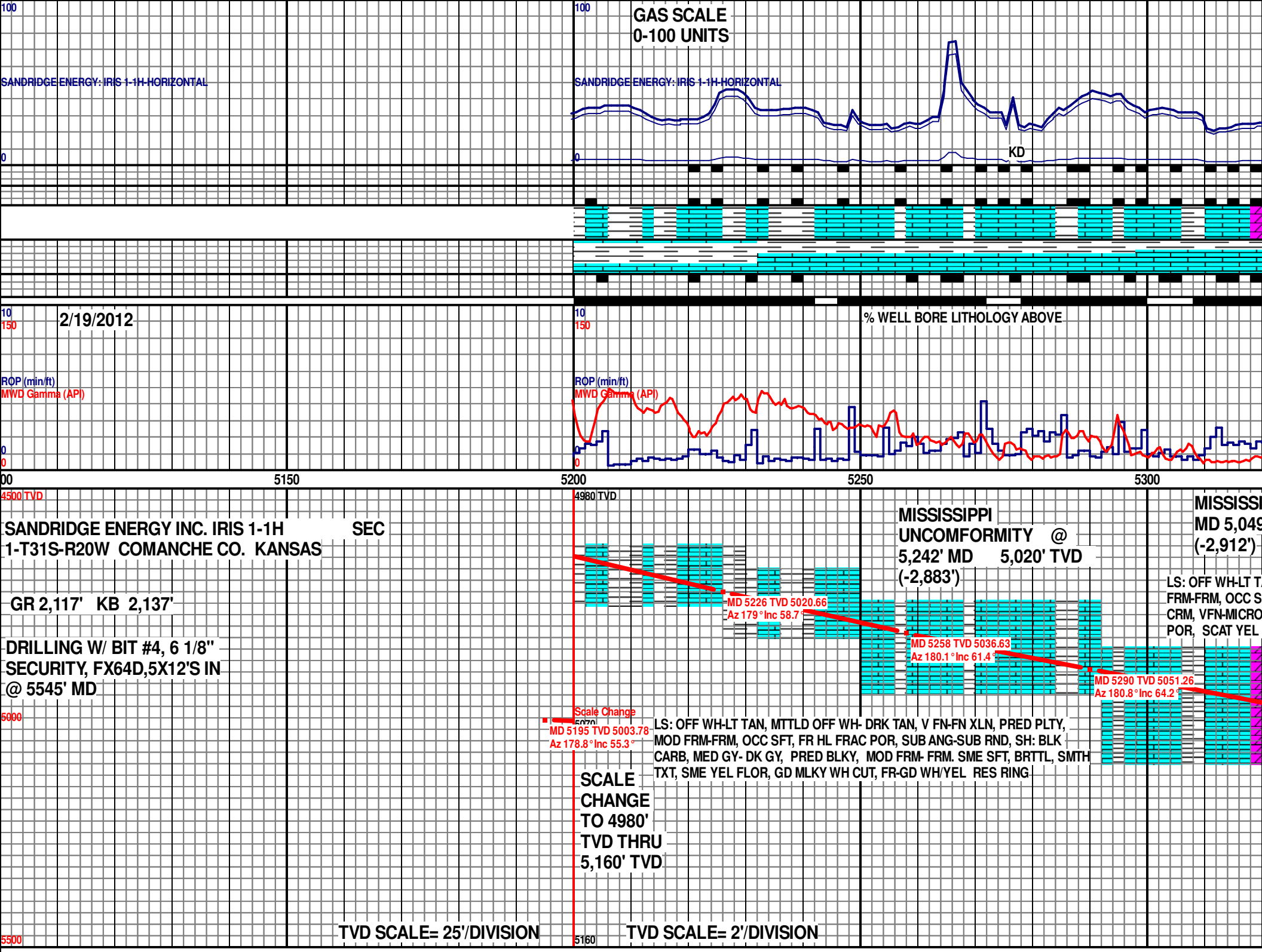
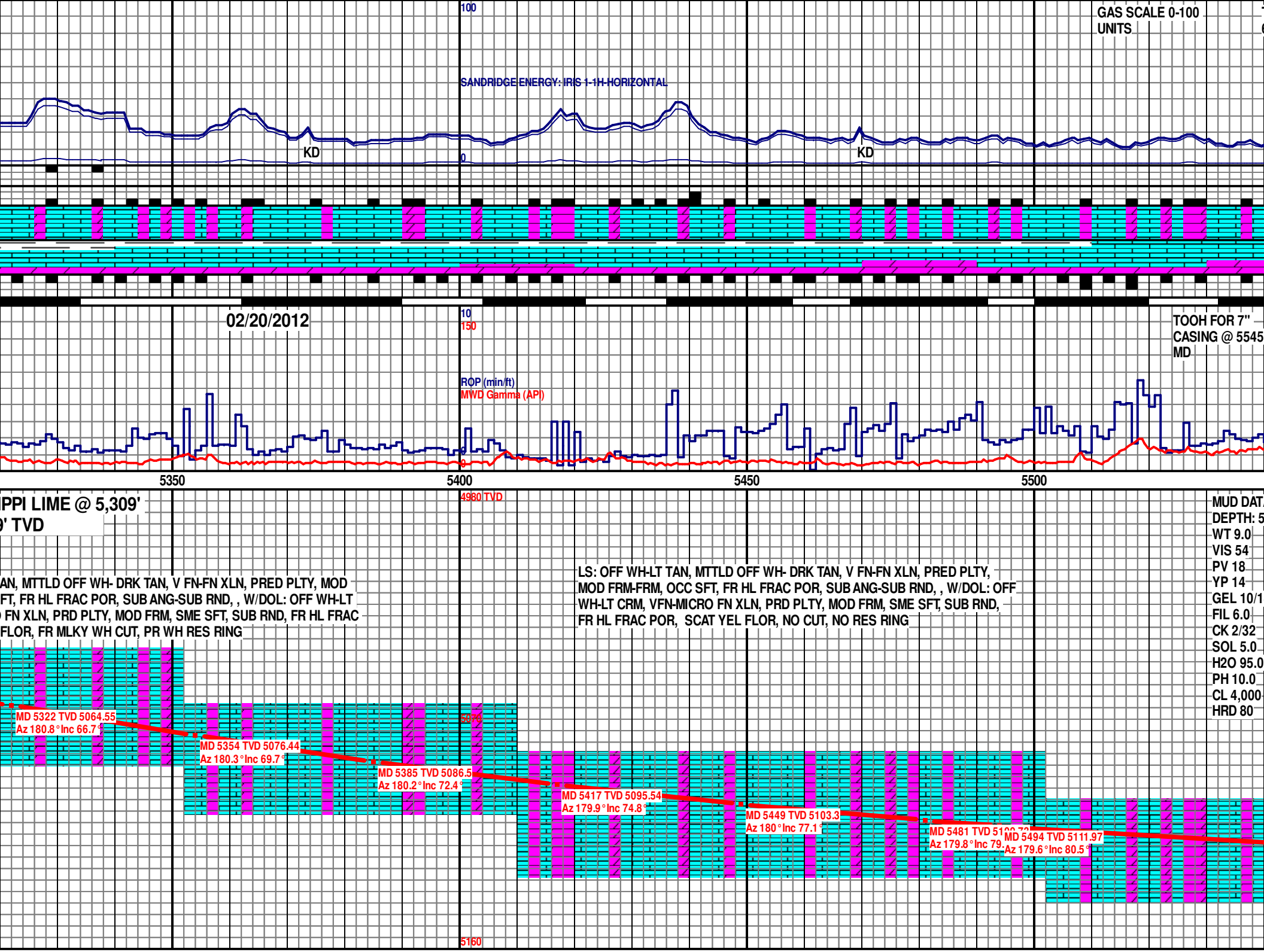
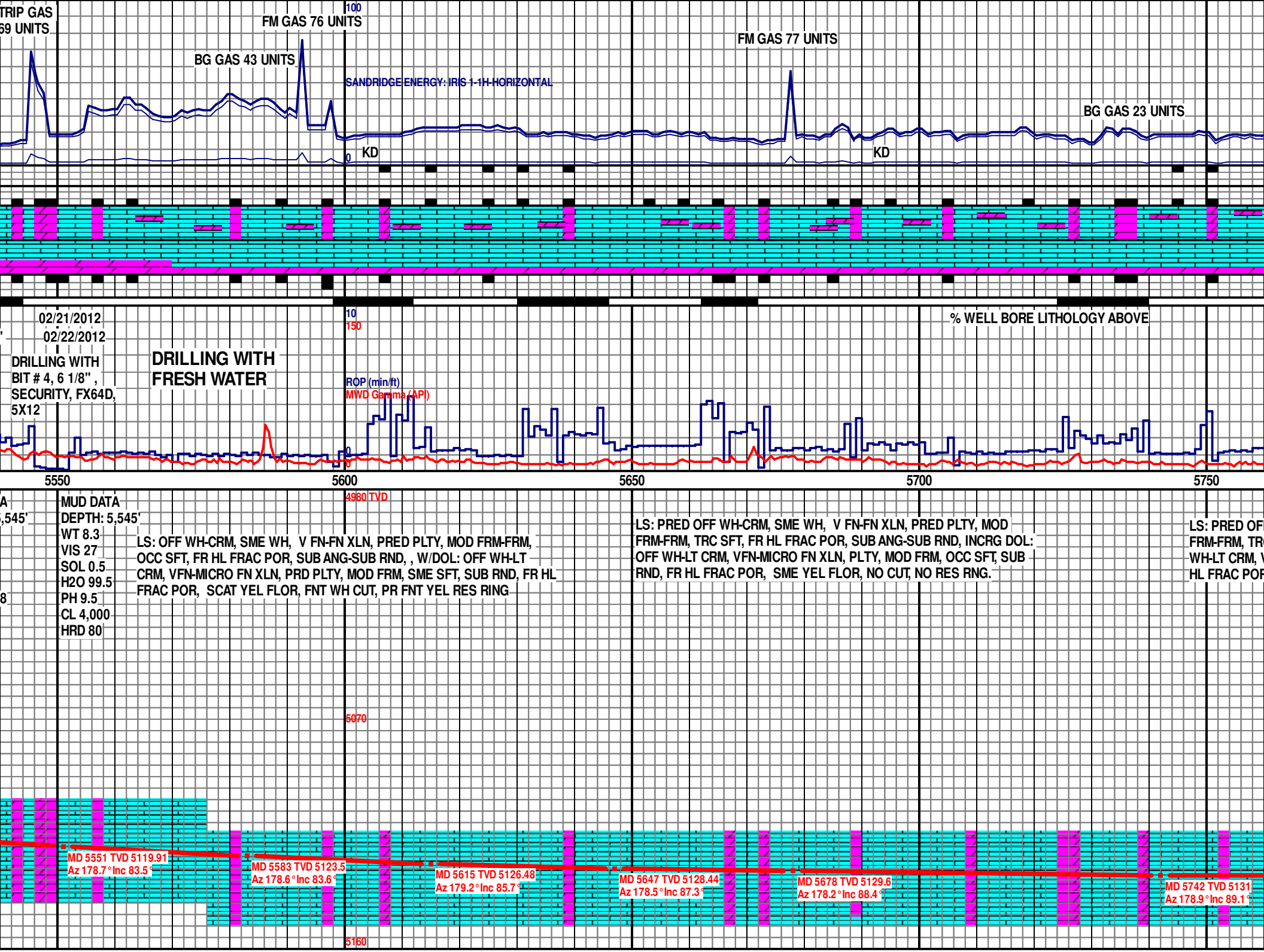
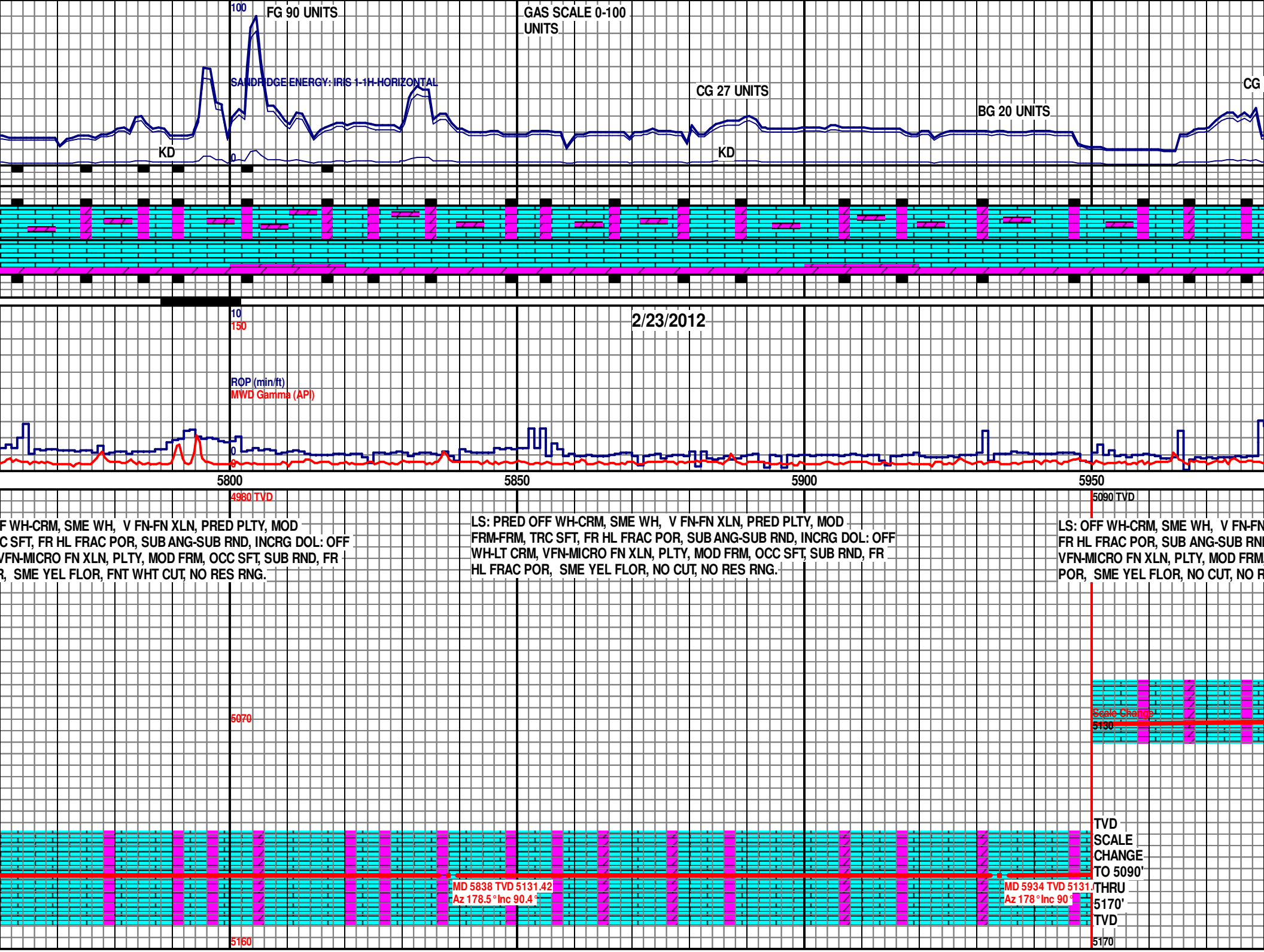
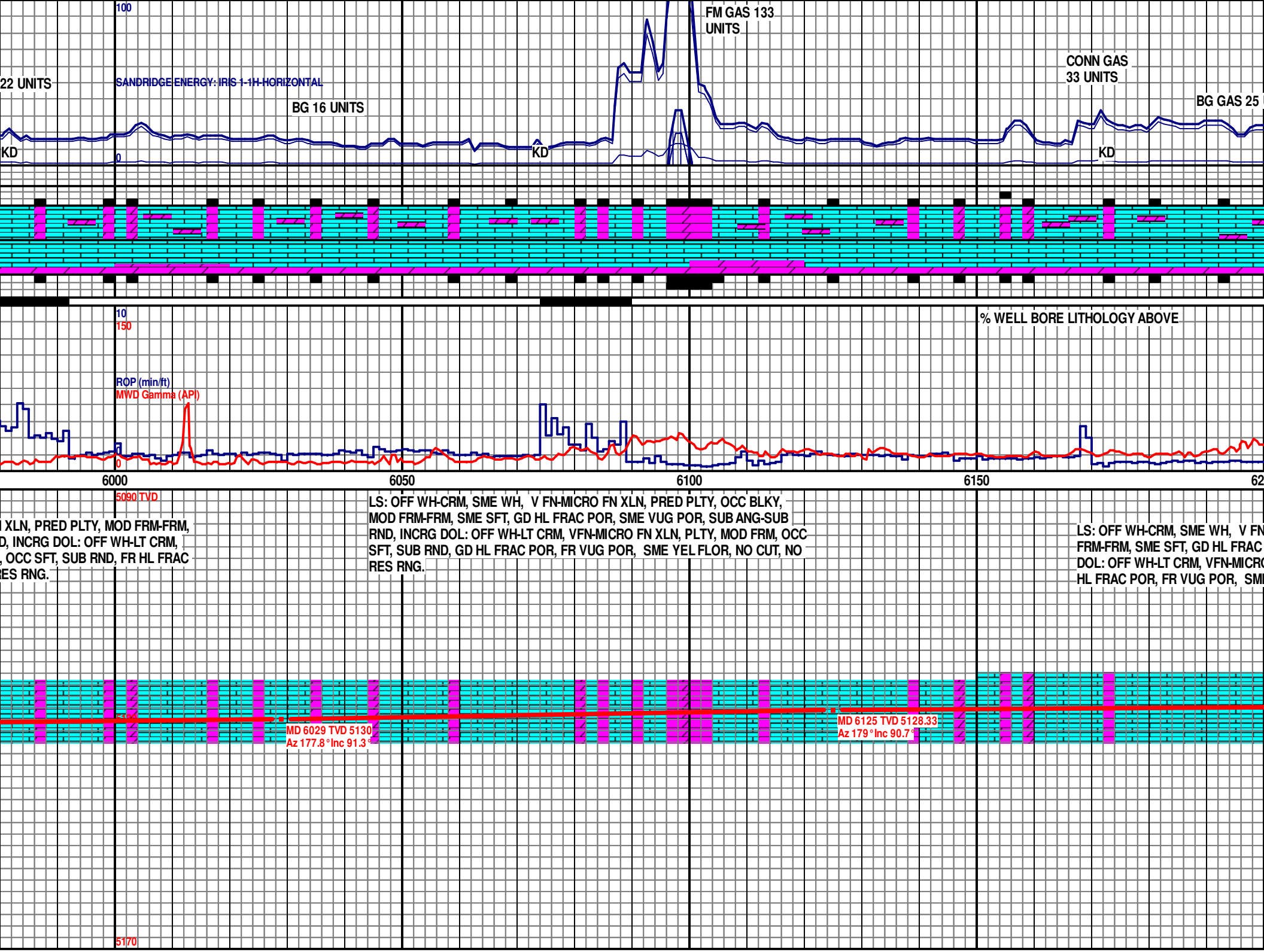
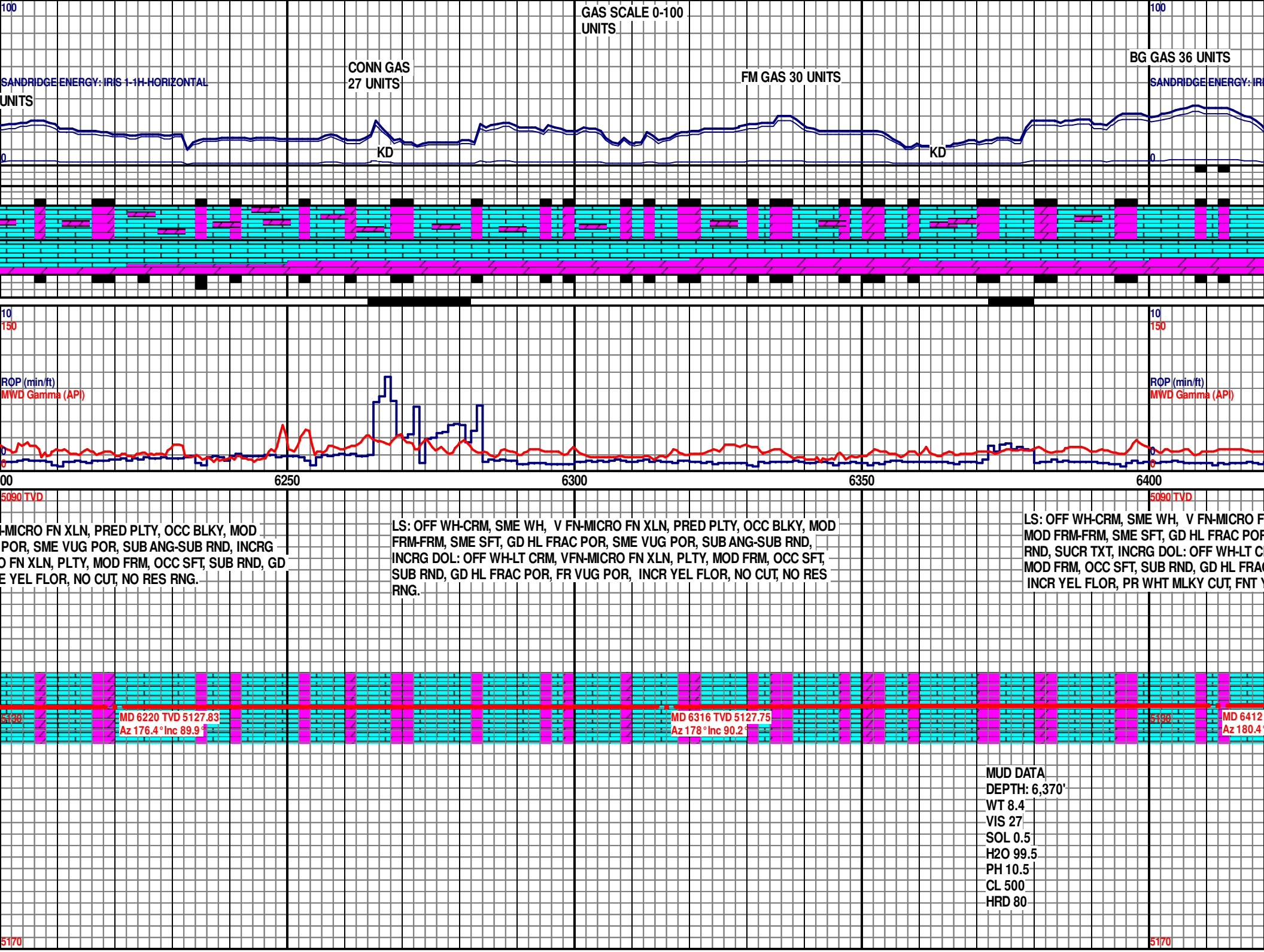

100
GAS SCALE
0-100 UNITS
SANDRIDGE ENERGY: IRIS 1-1H-HORIZONTAL
SANDRIDGE ENERGY: IRIS 1-1H-HORIZONTAL
0
KD
10
150
2/19/2012
% WELL BORE LITHOLOGY ABOVE
ROP (min/ft)
MWD Gamma (API)
ROP (min/ft)
MWD Gamma (API)
0
0
00
5150
5200
5250
5300
4500 TVD
4980 TVD
SANDRIDGE ENERGY INC. IRIS 1-1H SEC
1-T31S-R20W COMANCHE CO. KANSAS
GR 2,117' KB 2,137'
DRILLING W/ BIT #4, 6 1/8"
SECURITY, FX64D,5X12'S IN
@ 5545' MD
MISSISSIPPI
UNCOMFORMITY @
5,242' MD 5,020' TVD
(-2,883')
MISSISSI
MD 5,049
(-2,912')
LS: OFF WH-LT T
FRM-FRM, OCC S
CRM, VFN-MICRO
POR, SCAT YEL
MD 5226 TVD 5020.66
Az 179° Inc 58.7°
MD 5258 TVD 5036.63
Az 180.1° Inc 61.4°
MD 5290 TVD 5051.26
Az 180.8° Inc 64.2°
5000
Scale Change
5070
MD 5195 TVD 5003.78
Az 178.8° Inc 55.3°
LS: OFF WH-LT TAN, MTTLD OFF WH- DRK TAN, V FN-FN XLN, PRED PLTY,
MOD FRM-FRM, OCC SFT, FR HL FRAC POR, SUB ANG-SUB RND, SH: BLK
CARB, MED GY- DK GY, PRED BLKY, MOD FRM- FRM. SME SFT, BRTTL, SMTH
TXT, SME YEL FLOR, GD MLKY WH CUT, FR-GD WH/YEL RES RING
SCALE
CHANGE
TO 4980'
TVD THRU
5,160' TVD
5500
TVD SCALE= 25'/DIVISION
5160
TVD SCALE= 2'/DIVISION

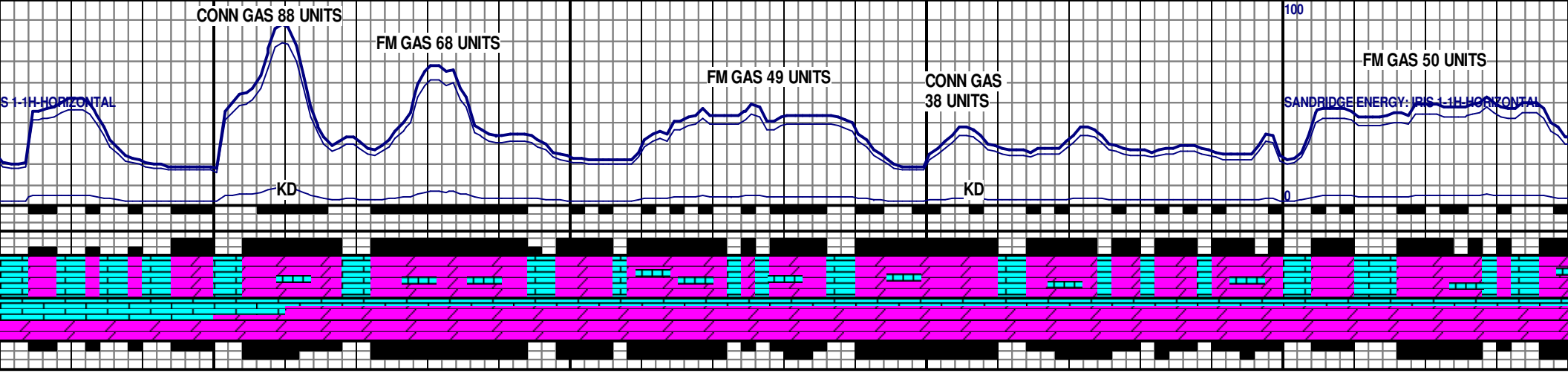

100
GAS SCALE 0-100
UNITS
SANDRIDGE ENERGY: IRIS 1-1H-HORIZONTAL
KD
0
KD
02/20/2012
10
150
TOOH FOR 7"
CASING @ 5545
MD
ROP (min/ft)
MWD Gamma (API)
0
0
5350
5400
5450
5500
PPI LIME @ 5,309'
9' TVD
4980 TVD
AN, MTTLD OFF WH- DRK TAN, V FN-FN XLN, PRED PLTY, MOD
FT, FR HL FRAC POR, SUB ANG-SUB RND, , W/DOL: OFF WH-LT
FN XLN, PRD PLTY, MOD FRM, SME SFT, SUB RND, FR HL FRAC
FLOR, FR MLKY WH CUT, PR WH RES RING
LS: OFF WH-LT TAN, MTTLD OFF WH- DRK TAN, V FN-FN XLN, PRED PLTY,
MOD FRM-FRM, OCC SFT, FR HL FRAC POR, SUB ANG-SUB RND, , W/DOL: OFF
WH-LT CRM, VFN-MICRO FN XLN, PRD PLTY, MOD FRM, SME SFT, SUB RND,
FR HL FRAC POR, SCAT YEL FLOR, NO CUT, NO RES RING
MUD DAT
DEPTH: 5
WT 9.0
VIS 54
PV 18
YP 14
GEL 10/1
FIL 6.0
CK 2/32
SOL 5.0
H2O 95.0
PH 10.0
CL 4,000
HRD 80
MD 5322 TVD 5064.55
Az 180.8° Inc 66.7°
MD 5354 TVD 5076.44
Az 180.3° Inc 69.7°
MD 5385 TVD 5086.5
Az 180.2° Inc 72.4°
MD 5417 TVD 5095.54
Az 179.9° Inc 74.8°
MD 5449 TVD 5103.3
Az 180° Inc 77.1°
MD 5481 TVD 51
Az 179.8° Inc 79.
MD 5494 TVD 5111.97
Az 179.6° Inc 80.5°
5160

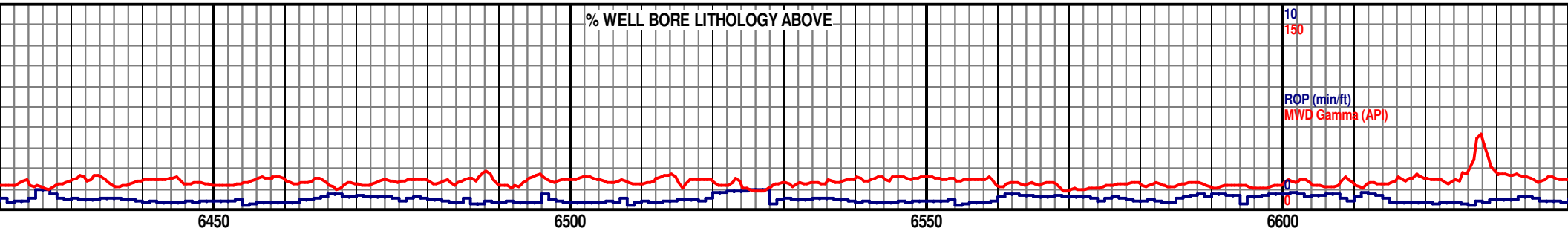

TRIP GAS
69 UNITS
FM GAS 76 UNITS
BG GAS 43 UNITS
100
SANDRIDGE ENERGY: IRIS 1-1H-HORIZONTAL
FM GAS 77 UNITS
BG GAS 23 UNITS
0
KD
KD
02/21/2012
02/22/2012
DRILLING WITH
BIT # 4, 6 1/8" ,
SECURITY, FX64D,
5X12
DRILLING WITH
FRESH WATER
10
150
ROP (min/ft)
MWD Gamma (API)
% WELL BORE LITHOLOGY ABOVE
0
0
5550
5600
5650
5700
5750
4980 TVD
MUD DATA
DEPTH: 5,545'
WT 8.3
VIS 27
SOL 0.5
H2O 99.5
PH 9.5
CL 4,000
HRD 80
LS: OFF WH-CRM, SME WH, V FN-FN XLN, PRED PLTY, MOD FRM-FRM, OCC SFT, FR HL FRAC POR, SUB ANG-SUB RND, , W/DOL: OFF WH-LT CRM, VFN-MICRO FN XLN, PRD PLTY, MOD FRM, SME SFT, SUB RND, FR HL FRAC POR, SCAT YEL FLOR, FNT WH CUT, PR FNT YEL RES RING
LS: PRED OFF WH-CRM, SME WH, V FN-FN XLN, PRED PLTY, MOD FRM-FRM, TRC SFT, FR HL FRAC POR, SUB ANG-SUB RND, INCRG DOL: OFF WH-LT CRM, VFN-MICRO FN XLN, PLTY, MOD FRM, OCC SFT, SUB RND, FR HL FRAC POR, SME YEL FLOR, NO CUT, NO RES RNG.
5070
MD 5551 TVD 5119.91
Az 178.7° Inc 83.5°
MD 5583 TVD 5123.5
Az 178.6° Inc 83.6°
MD 5615 TVD 5126.48
Az 179.2° Inc 85.7°
MD 5647 TVD 5128.44
Az 178.5° Inc 87.3°
MD 5678 TVD 5129.6
Az 178.2° Inc 88.4°
MD 5742 TVD 5131
Az 178.9° Inc 89.1°
5160

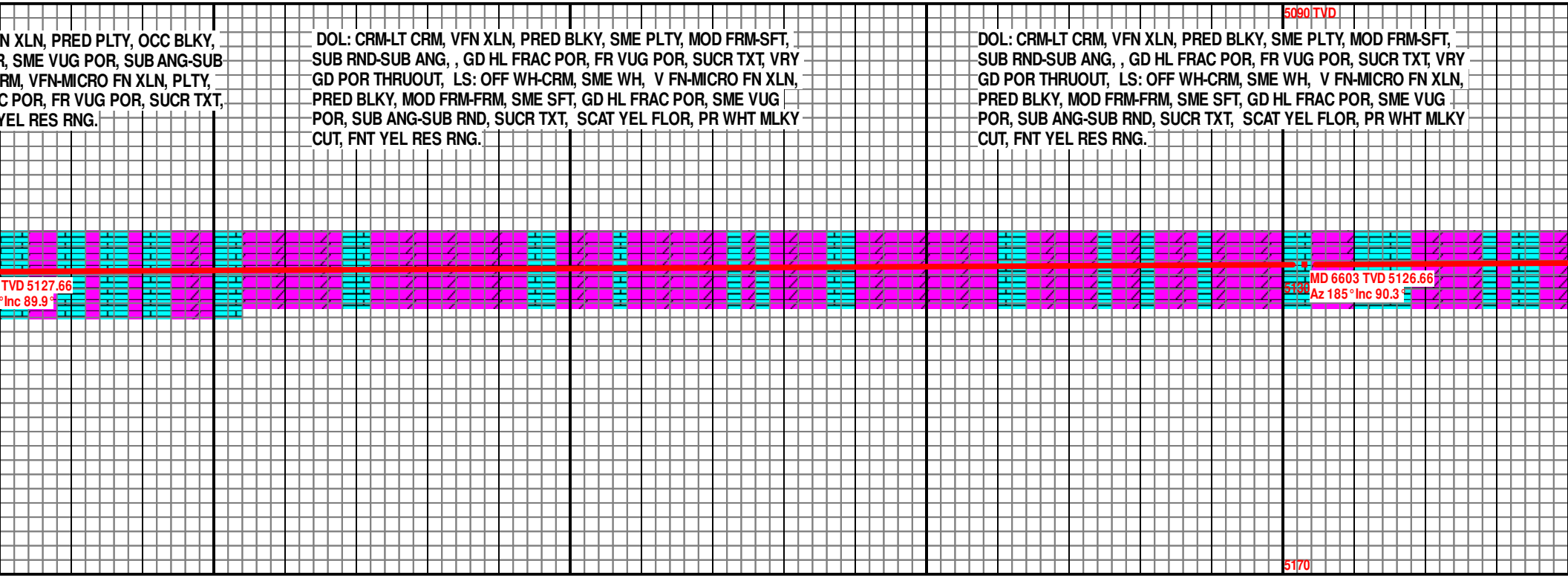

100
FG 90 UNITS
GAS SCALE 0-100 UNITS
SANDRIDGE ENERGY: IRIS 1-1H-HORIZONTAL
CG 27 UNITS
BG 20 UNITS
CG
KD
0
KD
10
150
2/23/2012
ROP (min/ft)
MWD Gamma (API)
0
0
5800
5850
5900
5950
4980 TVD
5090 TVD
F WH-CRM, SME WH, V FN-FN XLN, PRED PLTY, MOD
C SFT, FR HL FRAC POR, SUB ANG-SUB RND, INCRG DOL: OFF
VFN-MICRO FN XLN, PLTY, MOD FRM, OCC SFT, SUB RND, FR
R, SME YEL FLOR, FNT WHT CUT, NO RES RNG.
LS: PRED OFF WH-CRM, SME WH, V FN-FN XLN, PRED PLTY, MOD
FRM-FRM, TRC SFT, FR HL FRAC POR, SUB ANG-SUB RND, INCRG DOL: OFF
WH-LT CRM, VFN-MICRO FN XLN, PLTY, MOD FRM, OCC SFT, SUB RND, FR
HL FRAC POR, SME YEL FLOR, NO CUT, NO RES RNG.
LS: OFF WH-CRM, SME WH, V FN-FN
FR HL FRAC POR, SUB ANG-SUB RN
VFN-MICRO FN XLN, PLTY, MOD FRM
POR, SME YEL FLOR, NO CUT, NO R
5070
Scale Change
5130
TVD
SCALE
CHANGE
TO 5090'
THRU
5170'
TVD
MD 5838 TVD 5131.42
Az 178.5° Inc 90.4°
MD 5934 TVD 5131.
Az 178° Inc 90°
5160
5170

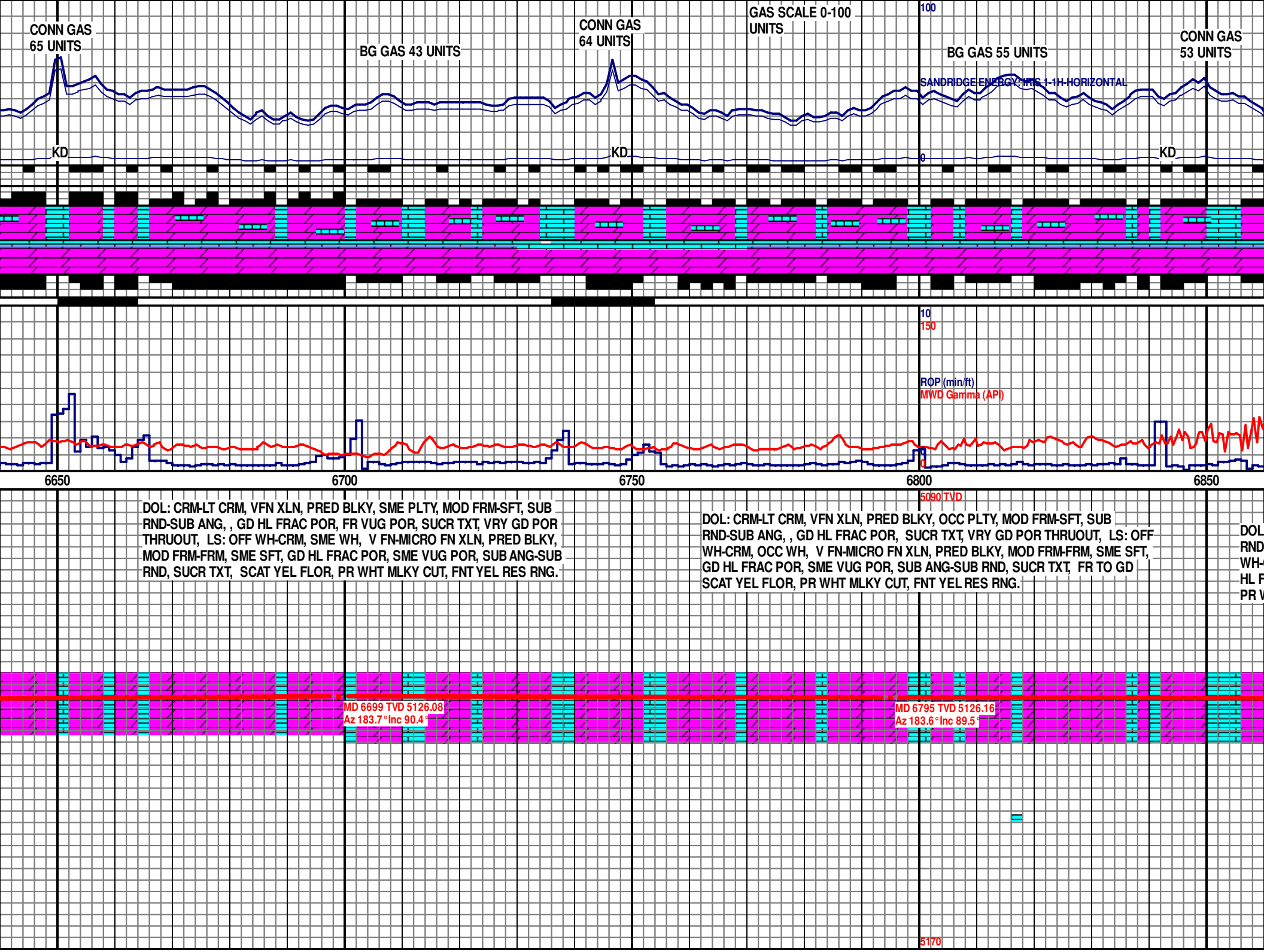

100
FM GAS 133
UNITS
22 UNITS
SANDRIDGE ENERGY: IRIS 1-1H-HORIZONTAL
BG 16 UNITS
CONN GAS
33 UNITS
BG GAS 25
KD
0
KD
KD
10
150
% WELL BORE LITHOLOGY ABOVE
ROP (min/ft)
MWD Gamma (API)
0
6000
6050
6100
6150
62
5090 TVD
I XLN, PRED PLTY, MOD FRM-FRM,
D, INCRG DOL: OFF WH-LT CRM,
, OCC SFT, SUB RND, FR HL FRAC
RES RNG.
LS: OFF WH-CRM, SME WH, V FN-MICRO FN XLN, PRED PLTY, OCC BLKY,
MOD FRM-FRM, SME SFT, GD HL FRAC POR, SME VUG POR, SUB ANG-SUB
RND, INCRG DOL: OFF WH-LT CRM, VFN-MICRO FN XLN, PLTY, MOD FRM, OCC
SFT, SUB RND, GD HL FRAC POR, FR VUG POR, SME YEL FLOR, NO CUT, NO
RES RNG.
LS: OFF WH-CRM, SME WH, V FN
FRM-FRM, SME SFT, GD HL FRAC
DOL: OFF WH-LT CRM, VFN-MICRO
HL FRAC POR, FR VUG POR, SM
MD 6029 TVD 5130
Az 177.8° Inc 91.3°
MD 6125 TVD 5128.33
Az 179° Inc 90.7°
5170

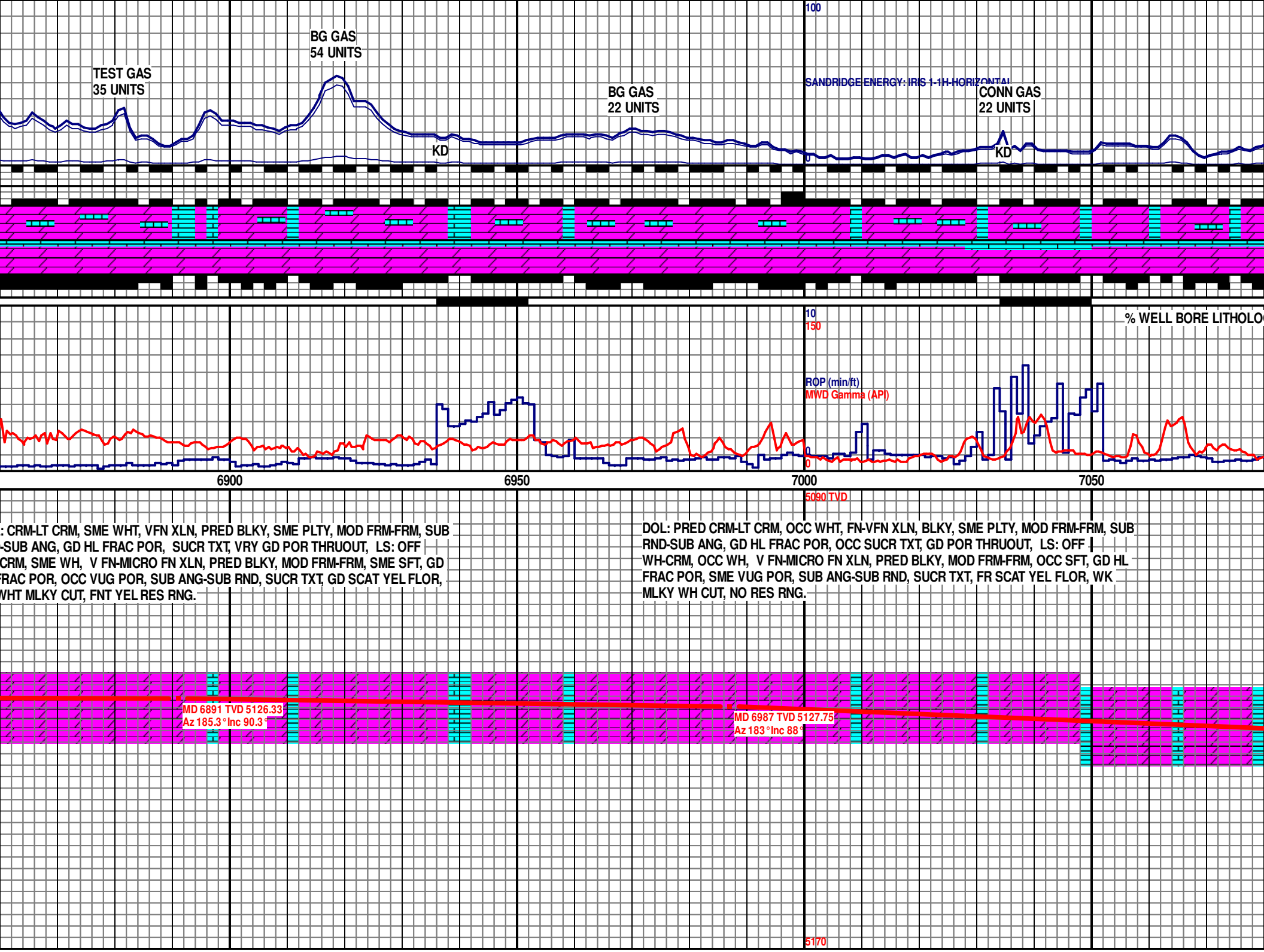

100
GAS SCALE 0-100
UNITS
100
BG GAS 36 UNITS
CONN GAS
27 UNITS
FM GAS 30 UNITS
SANDRIDGE ENERGY: IRIS 1-1H-HORIZONTAL
SANDRIDGE ENERGY: IRI
UNITS
KD
KD
0
0
10
150
10
150
ROP (min/ft)
MWD Gamma (API)
ROP (min/ft)
MWD Gamma (API)
0
0
0
0
00
6250
6300
6350
6400
5090 TVD
5090 TVD
-MICRO FN XLN, PRED PLTY, OCC BLKY, MOD
POR, SME VUG POR, SUB ANG-SUB RND, INCRG
O FN XLN, PLTY, MOD FRM, OCC SFT, SUB RND, GD
E YEL FLOR, NO CUT, NO RES RNG.
LS: OFF WH-CRM, SME WH, V FN-MICRO FN XLN, PRED PLTY, OCC BLKY, MOD
FRM-FRM, SME SFT, GD HL FRAC POR, SME VUG POR, SUB ANG-SUB RND,
INCRG DOL: OFF WH-LT CRM, VFN-MICRO FN XLN, PLTY, MOD FRM, OCC SFT,
SUB RND, GD HL FRAC POR, FR VUG POR, INCR YEL FLOR, NO CUT, NO RES
RNG.
LS: OFF WH-CRM, SME WH, V FN-MICRO F
MOD FRM-FRM, SME SFT, GD HL FRAC POR
RND, SUCR TXT, INCRG DOL: OFF WH-LT C
MOD FRM, OCC SFT, SUB RND, GD HL FRA
INCR YEL FLOR, PR WHT MLKY CUT, FNT
5130
MD 6220 TVD 5127.83
Az 176.4° Inc 89.9°
MD 6316 TVD 5127.75
Az 178° Inc 90.2°
5190
MD 6412
Az 180.4°
MUD DATA
DEPTH: 6,370'
WT 8.4
VIS 27
SOL 0.5
H2O 99.5
PH 10.5
CL 500
HRD 80
5170
5170

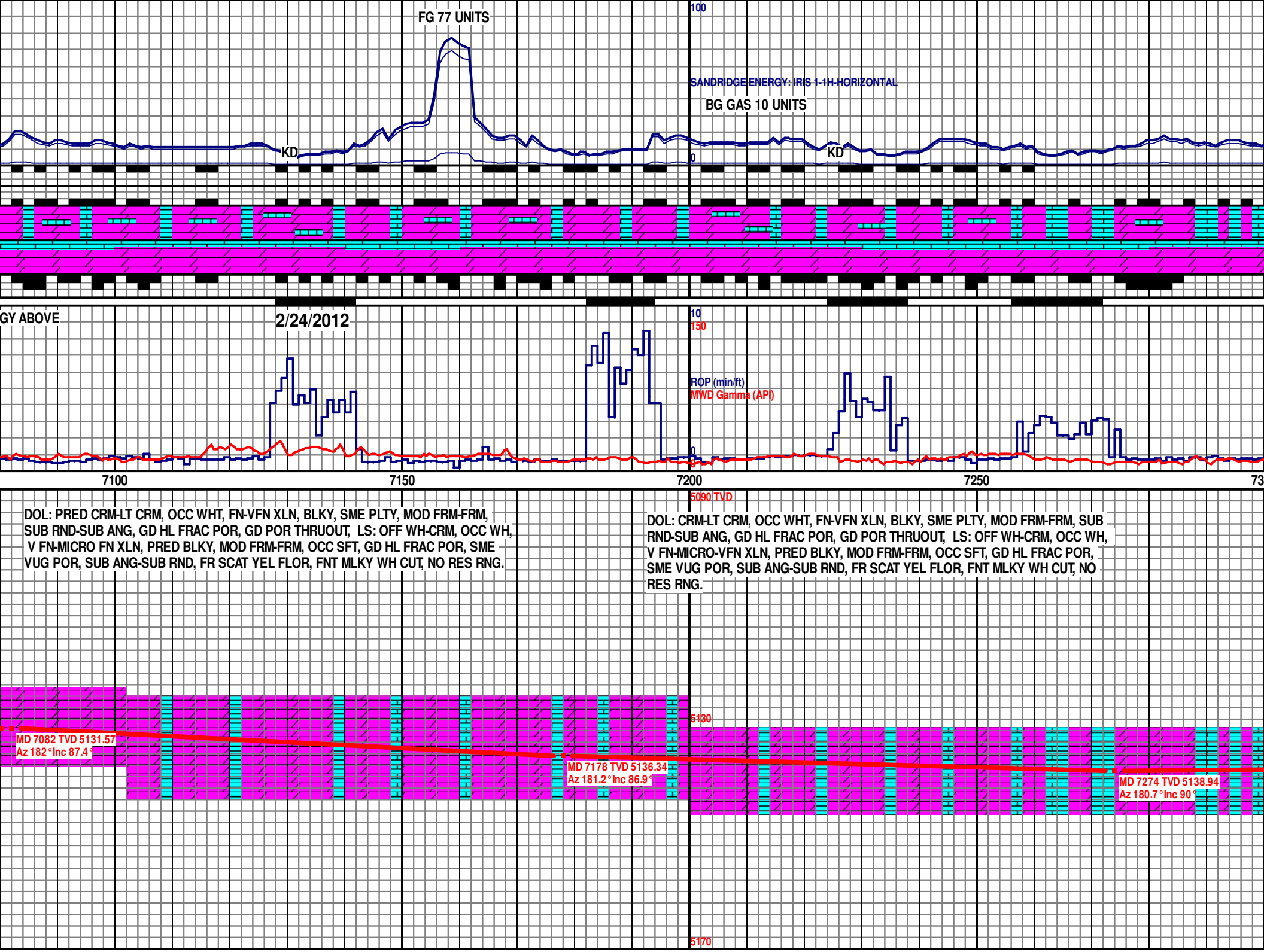

CONN GAS 88 UNITS
FM GAS 68 UNITS
FM GAS 49 UNITS
CONN GAS
38 UNITS
FM GAS 50 UNITS
S 1-1H HORIZONTAL
SANDRIDGE ENERGY: IRIS 1-1H HORIZONTAL
KD
KD
100
0

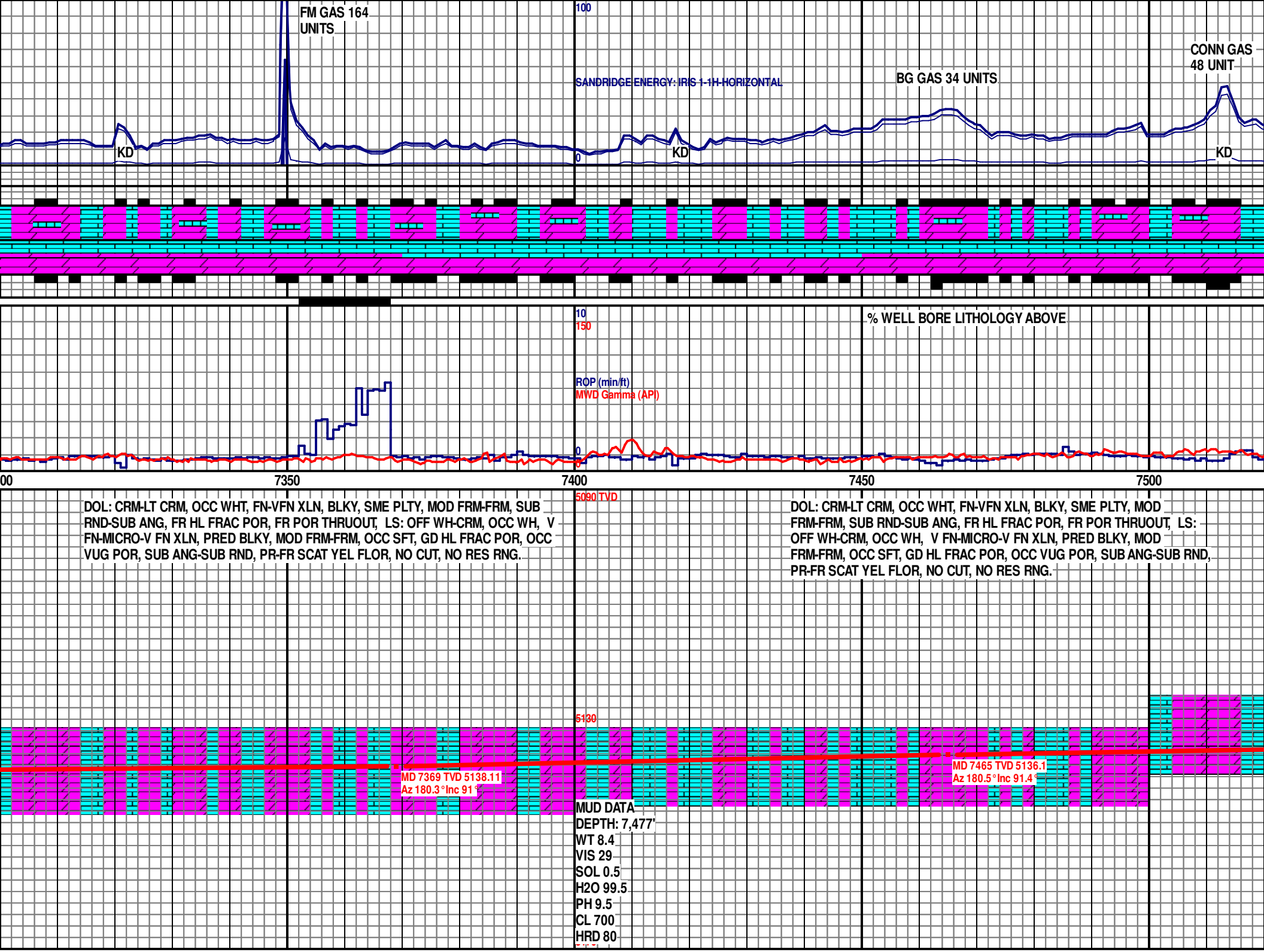

% WELL BORE LITHOLOGY ABOVE
10
150
ROP (min/ft)
MWD Gamma (API)
0
0
6450
6500
6550
6600

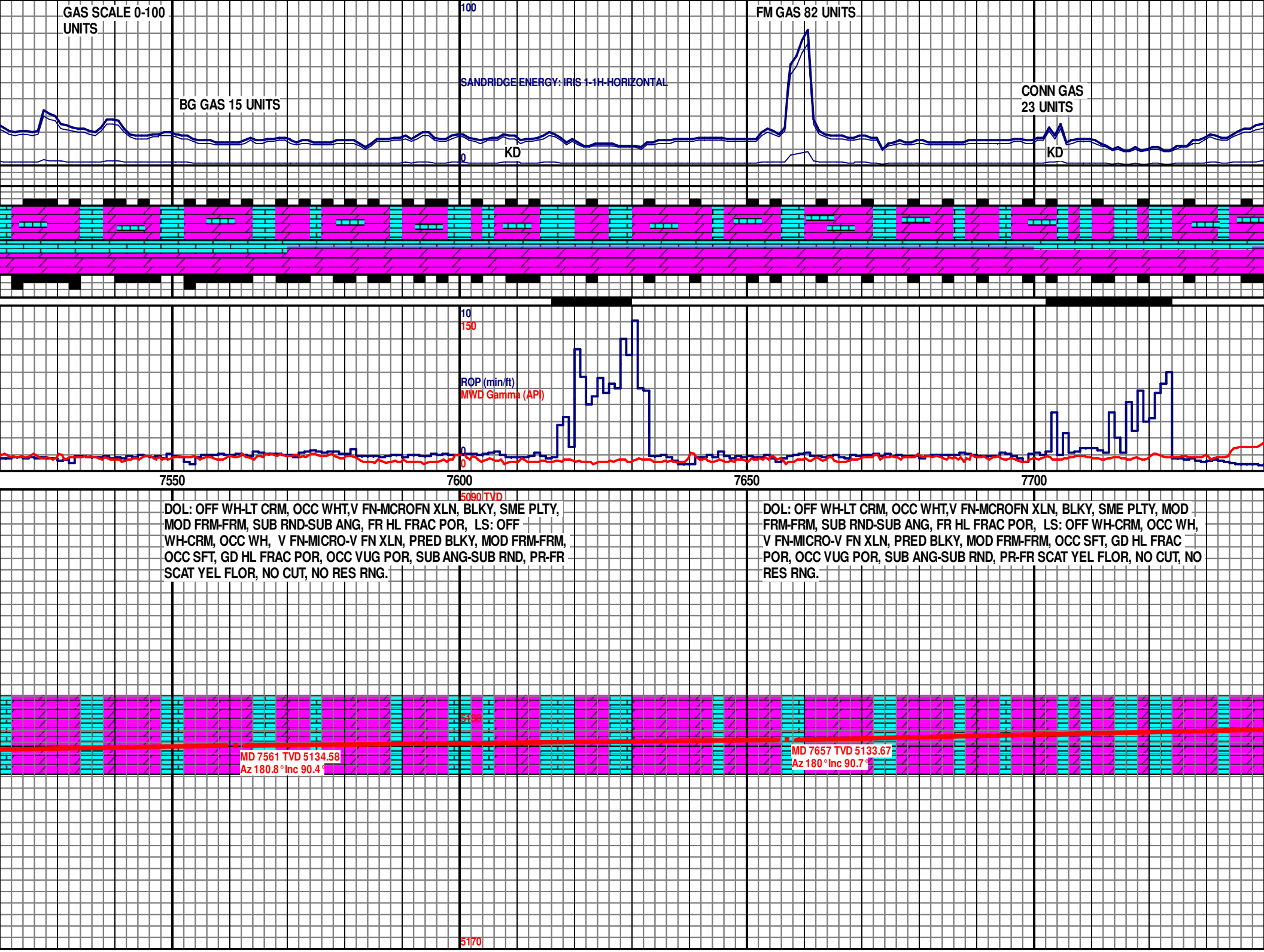

5090 TVD
N XLN, PRED PLTY, OCC BLKY,
R, SME VUG POR, SUB ANG-SUB
RM, VFN-MICRO FN XLN, PLTY,
C POR, FR VUG POR, SUCR TXT,
YEL RES RNG.
DOL: CRM-LT CRM, VFN XLN, PRED BLKY, SME PLTY, MOD FRM-SFT,
SUB RND-SUB ANG, , GD HL FRAC POR, FR VUG POR, SUCR TXT, VRY
GD POR THRUOUT, LS: OFF WH-CRM, SME WH, V FN-MICRO FN XLN,
PRED BLKY, MOD FRM-FRM, SME SFT, GD HL FRAC POR, SME VUG
POR, SUB ANG-SUB RND, SUCR TXT, SCAT YEL FLOR, PR WHT MLKY
CUT, FNT YEL RES RNG.
DOL: CRM-LT CRM, VFN XLN, PRED BLKY, SME PLTY, MOD FRM-SFT,
SUB RND-SUB ANG, , GD HL FRAC POR, FR VUG POR, SUCR TXT, VRY
GD POR THRUOUT, LS: OFF WH-CRM, SME WH, V FN-MICRO FN XLN,
PRED BLKY, MOD FRM-FRM, SME SFT, GD HL FRAC POR, SME VUG
POR, SUB ANG-SUB RND, SUCR TXT, SCAT YEL FLOR, PR WHT MLKY
CUT, FNT YEL RES RNG.
TVD 5127.66
°Inc 89.9°
MD 6603 TVD 5126.66
Az 185° Inc 90.3°
5130
5170

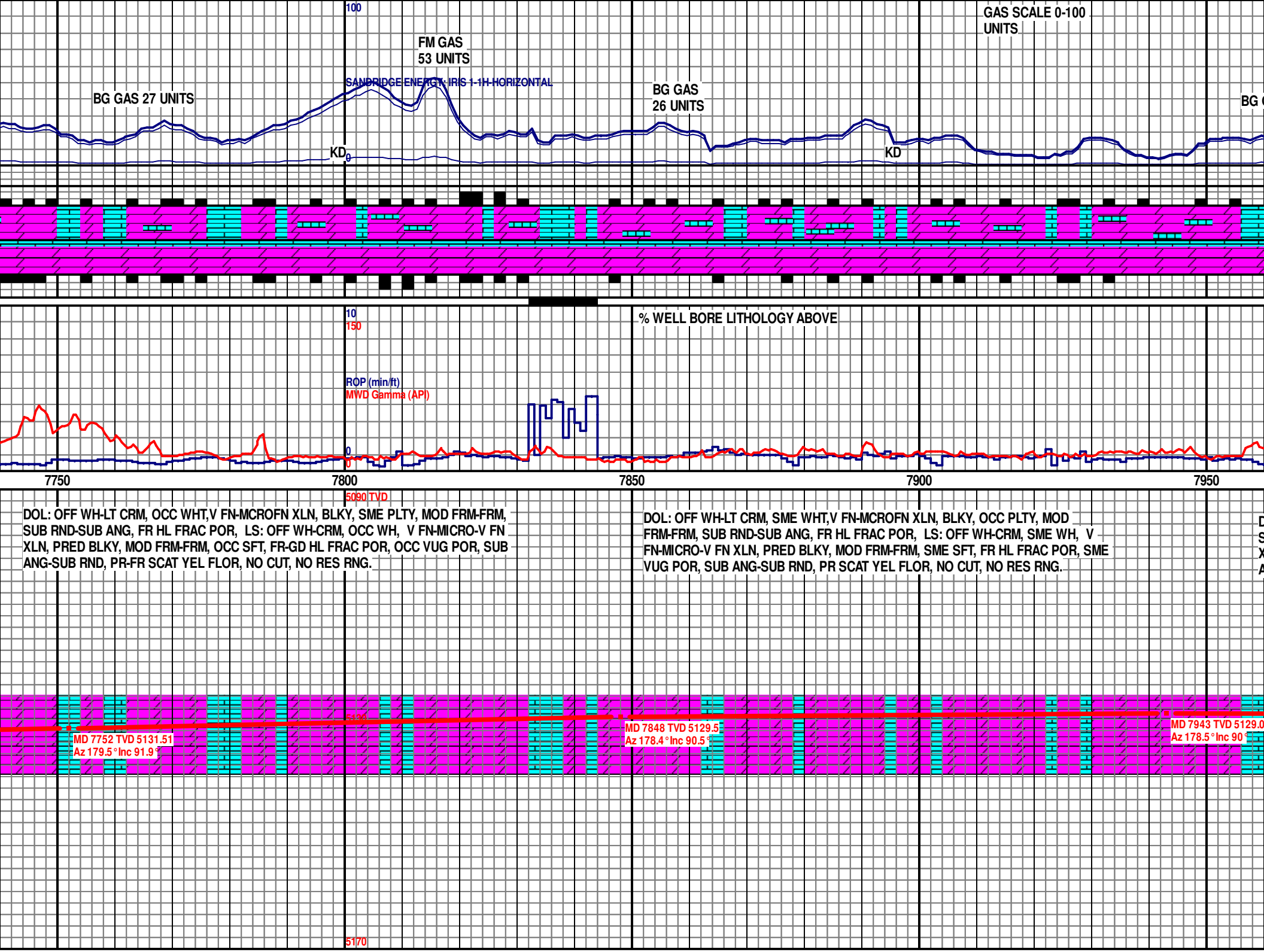

CONN GAS
65 UNITS
BG GAS 43 UNITS
CONN GAS
64 UNITS
GAS SCALE 0-100
UNITS
100
BG GAS 55 UNITS
CONN GAS
53 UNITS
SANDRIDGE ENERGY: HTS 1-1H-HORIZONTAL
KD
KD
0
KD
10
150
ROP (min/ft)
MWD Gamma (API)
0
6650
6700
6750
6800
6850
5090 TVD
DOL: CRM-LT CRM, VFN XLN, PRED BLKY, SME PLTY, MOD FRM-SFT, SUB RND-SUB ANG, , GD HL FRAC POR, FR VUG POR, SUCR TXT, VRY GD POR THRUOUT, LS: OFF WH-CRM, SME WH, V FN-MICRO FN XLN, PRED BLKY, MOD FRM-FRM, SME SFT, GD HL FRAC POR, SME VUG POR, SUB ANG-SUB RND, SUCR TXT, SCAT YEL FLOR, PR WHT MLKY CUT, FNT YEL RES RNG.
DOL: CRM-LT CRM, VFN XLN, PRED BLKY, OCC PLTY, MOD FRM-SFT, SUB RND-SUB ANG, , GD HL FRAC POR, SUCR TXT, VRY GD POR THRUOUT, LS: OFF WH-CRM, OCC WH, V FN-MICRO FN XLN, PRED BLKY, MOD FRM-FRM, SME SFT, GD HL FRAC POR, SME VUG POR, SUB ANG-SUB RND, SUCR TXT, FR TO GD SCAT YEL FLOR, PR WHT MLKY CUT, FNT YEL RES RNG.
MD 6699 TVD 5126.08
Az 183.7° Inc 90.4°
MD 6795 TVD 5126.16
Az 183.6° Inc 89.5°
5170

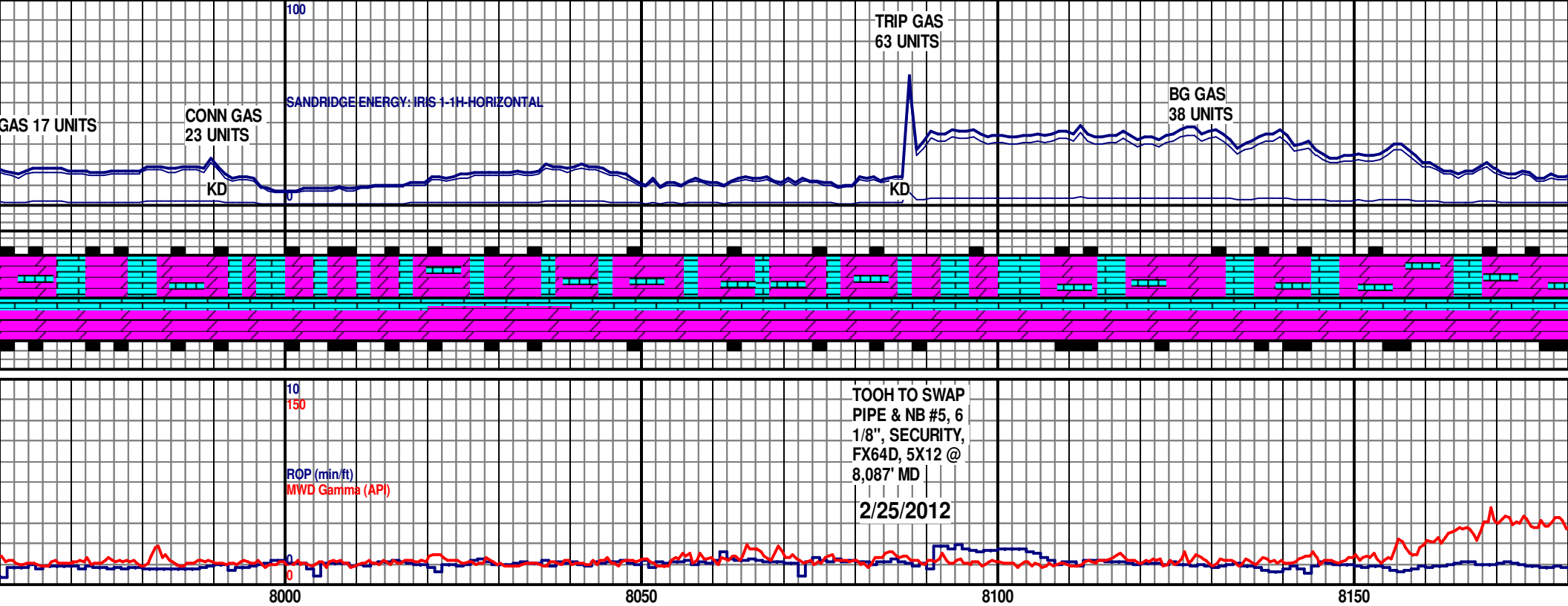

100
TEST GAS
35 UNITS
BG GAS
54 UNITS
BG GAS
22 UNITS
CONN GAS
22 UNITS
SANDRIDGE ENERGY: IRIS 1-1H-HORIZONTAL
KD
KD
0
10
150
% WELL BORE LITHOLO
ROP (min/ft)
MWD Gamma (API)
0
6900
6950
7000
7050
5090 TVD
: CRM-LT CRM, SME WHT, VFN XLN, PRED BLKY, SME PLTY, MOD FRM-FRM, SUB
-SUB ANG, GD HL FRAC POR, SUCR TXT, VRY GD POR THRUOUT, LS: OFF
CRM, SME WH, V FN-MICRO FN XLN, PRED BLKY, MOD FRM-FRM, SME SFT, GD
FRAC POR, OCC VUG POR, SUB ANG-SUB RND, SUCR TXT, GD SCAT YEL FLOR,
WHT MLKY CUT, FNT YEL RES RNG.
DOL: PRED CRM-LT CRM, OCC WHT, FN-VFN XLN, BLKY, SME PLTY, MOD FRM-FRM, SUB
RND-SUB ANG, GD HL FRAC POR, OCC SUCR TXT, GD POR THRUOUT, LS: OFF
WH-CRM, OCC WH, V FN-MICRO FN XLN, PRED BLKY, MOD FRM-FRM, OCC SFT, GD HL
FRAC POR, SME VUG POR, SUB ANG-SUB RND, SUCR TXT, FR SCAT YEL FLOR, WK
MLKY WH CUT, NO RES RNG.
MD 6891 TVD 5126.33
Az 185.3 ° Inc 90.3 °
MD 6987 TVD 5127.75
Az 183 ° Inc 88 °
5170

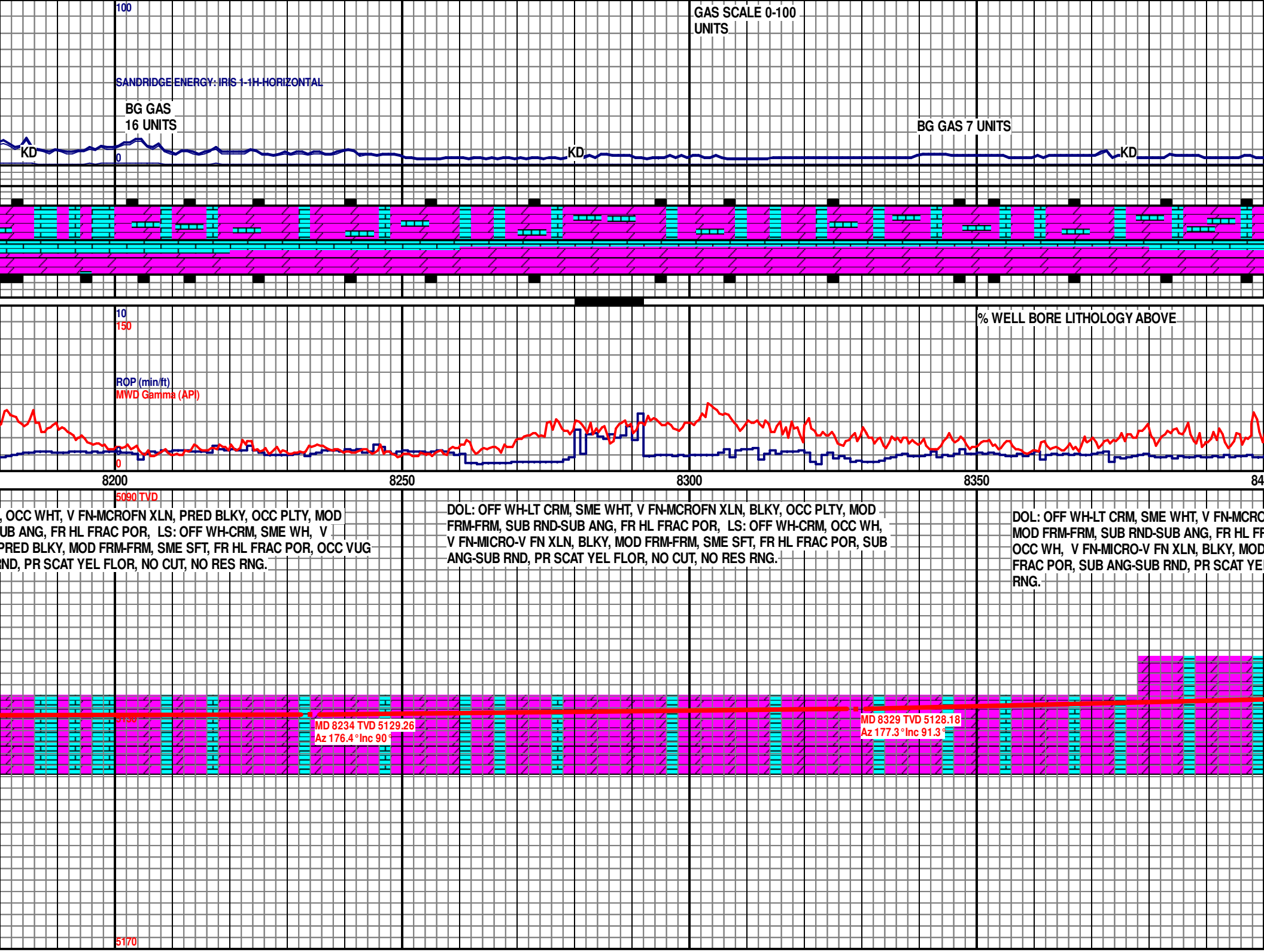

FG 77 UNITS
100
SANDRIDGE ENERGY: IRIS 1-1H HORIZONTAL
BG GAS 10 UNITS
KD
0
KD
GY ABOVE
2/24/2012
10
150
ROP (min/ft)
MWD Gamma (API)
0
7100
7150
7200
7250
73
5090 TVD
DOL: PRED CRM-LT CRM, OCC WHT, FN-VFN XLN, BLKY, SME PLTY, MOD FRM-FRM, SUB RND-SUB ANG, GD HL FRAC POR, GD POR THRUOUT, LS: OFF WH-CRM, OCC WH, V FN-MICRO FN XLN, PRED BLKY, MOD FRM-FRM, OCC SFT, GD HL FRAC POR, SME VUG POR, SUB ANG-SUB RND, FR SCAT YEL FLOR, FNT MLKY WH CUT, NO RES RNG.
DOL: CRM-LT CRM, OCC WHT, FN-VFN XLN, BLKY, SME PLTY, MOD FRM-FRM, SUB RND-SUB ANG, GD HL FRAC POR, GD POR THRUOUT, LS: OFF WH-CRM, OCC WH, V FN-MICRO-VFN XLN, PRED BLKY, MOD FRM-FRM, OCC SFT, GD HL FRAC POR, SME VUG POR, SUB ANG-SUB RND, FR SCAT YEL FLOR, FNT MLKY WH CUT, NO RES RNG.
5130
MD 7082 TVD 5131.57
Az 182° Inc 87.4°
MD 7178 TVD 5136.34
Az 181.2° Inc 86.9°
MD 7274 TVD 5138.94
Az 180.7° Inc 90°
5170

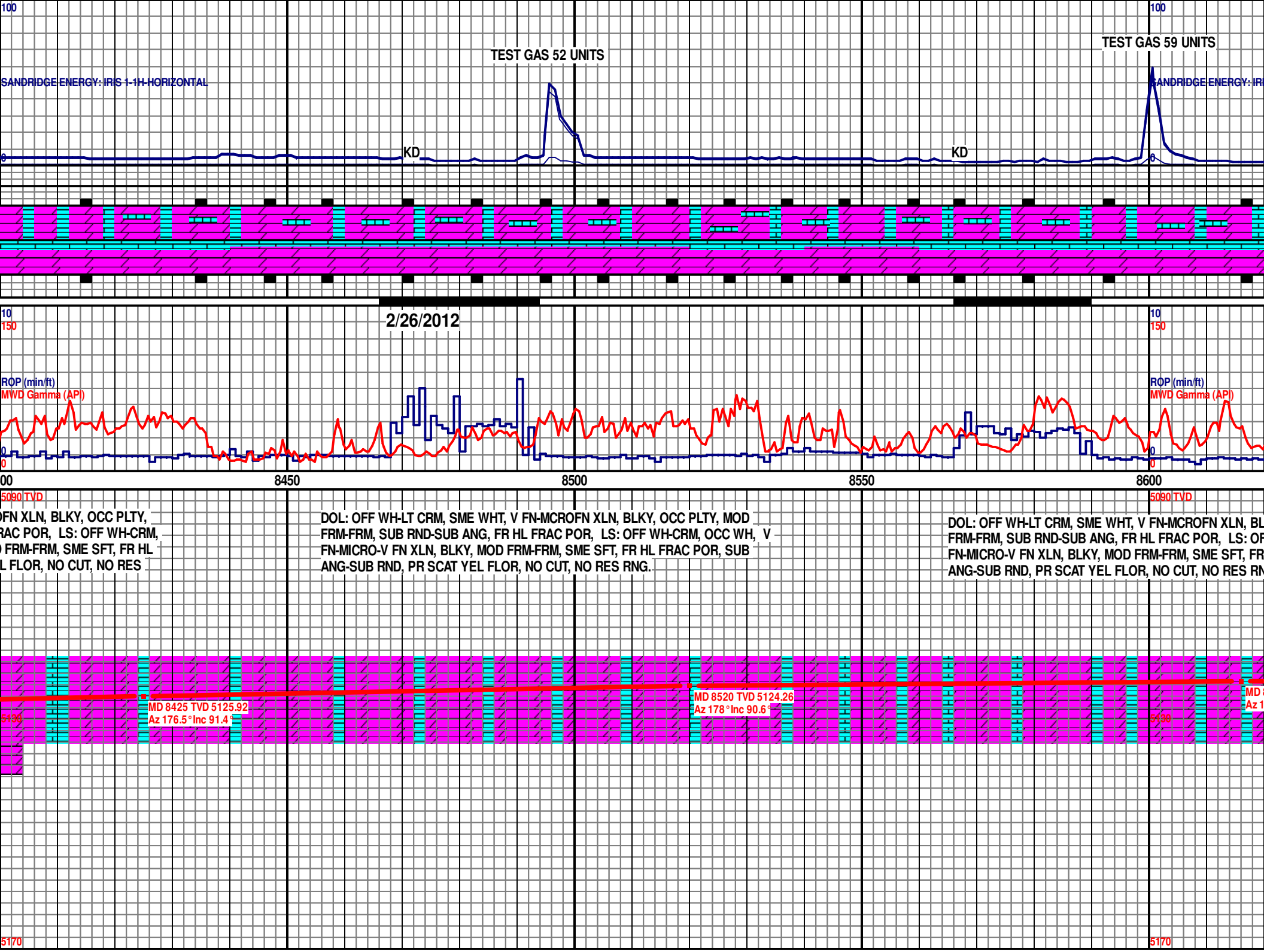

FM GAS 164 UNITS
100
SANDRIDGE ENERGY: IRIS 1-1H-HORIZONTAL
BG GAS 34 UNITS
CONN GAS 48 UNIT
KD
0
KD
KD
10
150
% WELL BORE LITHOLOGY ABOVE
ROP (min/ft)
MWD Gamma (API)
0
00
7350
7400
7450
7500
5090 TVD
DOL: CRM-LT CRM, OCC WHT, FN-VFN XLN, BLKY, SME PLTY, MOD FRM-FRM, SUB RND-SUB ANG, FR HL FRAC POR, FR POR THRUOUT, LS: OFF WH-CRM, OCC WH, V FN-MICRO-V FN XLN, PRED BLKY, MOD FRM-FRM, OCC SFT, GD HL FRAC POR, OCC VUG POR, SUB ANG-SUB RND, PR-FR SCAT YEL FLOR, NO CUT, NO RES RNG.
DOL: CRM-LT CRM, OCC WHT, FN-VFN XLN, BLKY, SME PLTY, MOD FRM-FRM, SUB RND-SUB ANG, FR HL FRAC POR, FR POR THRUOUT, LS: OFF WH-CRM, OCC WH, V FN-MICRO-V FN XLN, PRED BLKY, MOD FRM-FRM, OCC SFT, GD HL FRAC POR, OCC VUG POR, SUB ANG-SUB RND, PR-FR SCAT YEL FLOR, NO CUT, NO RES RNG.
5130
MD 7369 TVD 5138.11
Az 180.3° Inc 91°
MD 7465 TVD 5136.1
Az 180.5° Inc 91.4°
MUD DATA
DEPTH: 7,477'
WT 8.4
VIS 29
SOL 0.5
H2O 99.5
PH 9.5
CL 700
HRD 80

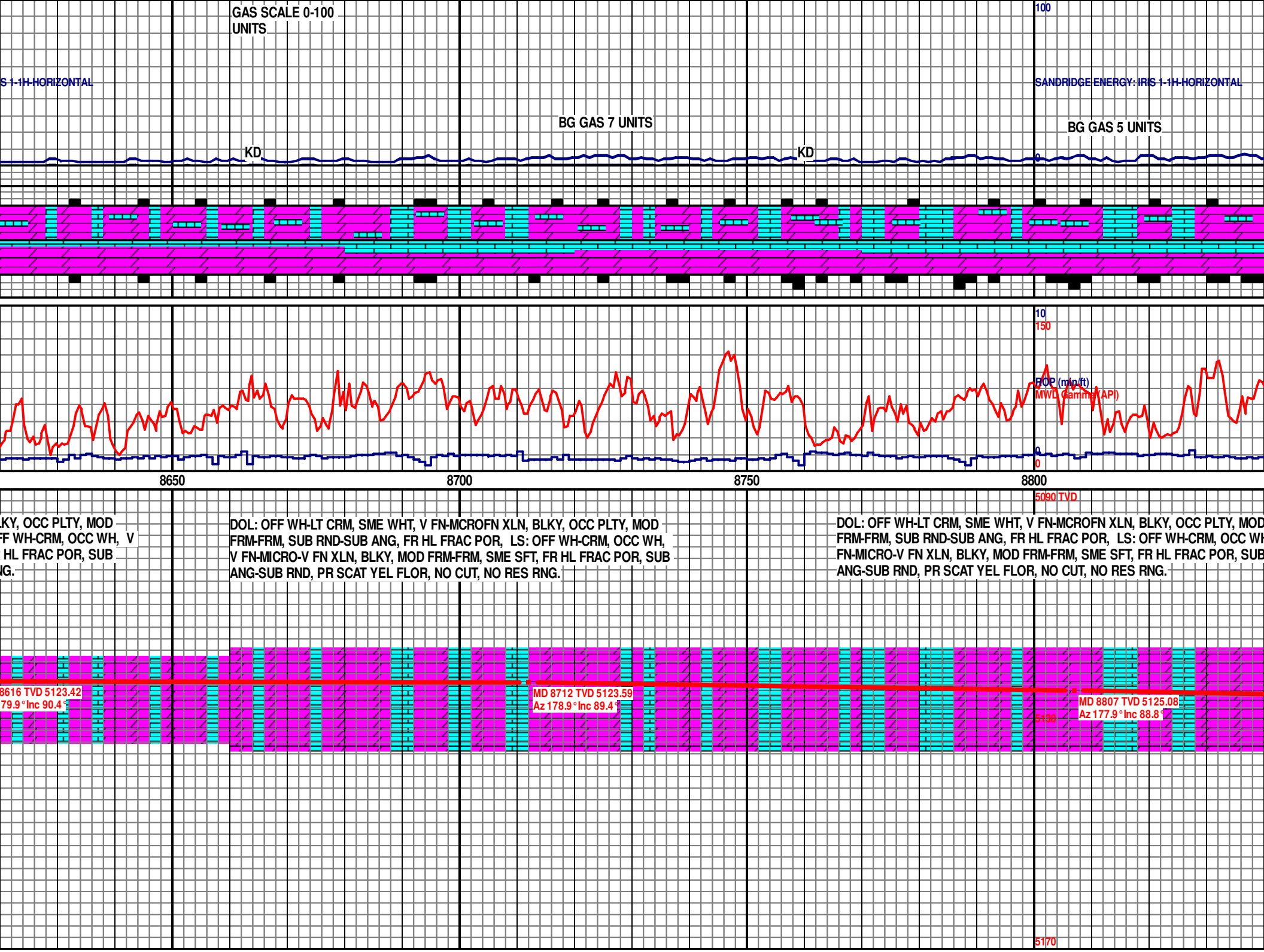

GAS SCALE 0-100 UNITS
100
FM GAS 82 UNITS
SANDRIDGE ENERGY: IRIS 1-1H-HORIZONTAL
BG GAS 15 UNITS
CONN GAS 23 UNITS
0
KD
KD
10
150
ROP (min/ft)
MWD Gamma (API)
0
0
7550
7600
7650
7700
5090 TVD
DOL: OFF WH-LT CRM, OCC WHT,V FN-MCROFN XLN, BLKY, SME PLTY, MOD FRM-FRM, SUB RND-SUB ANG, FR HL FRAC POR, LS: OFF WH-CRM, OCC WH, V FN-MICRO-V FN XLN, PRED BLKY, MOD FRM-FRM, OCC SFT, GD HL FRAC POR, OCC VUG POR, SUB ANG-SUB RND, PR-FR SCAT YEL FLOR, NO CUT, NO RES RNG.
DOL: OFF WH-LT CRM, OCC WHT,V FN-MCROFN XLN, BLKY, SME PLTY, MOD FRM-FRM, SUB RND-SUB ANG, FR HL FRAC POR, LS: OFF WH-CRM, OCC WH, V FN-MICRO-V FN XLN, PRED BLKY, MOD FRM-FRM, OCC SFT, GD HL FRAC POR, OCC VUG POR, SUB ANG-SUB RND, PR-FR SCAT YEL FLOR, NO CUT, NO RES RNG.
5130
MD 7561 TVD 5134.58
Az 180.8° Inc 90.4°
MD 7657 TVD 5133.67
Az 180° Inc 90.7°
5170

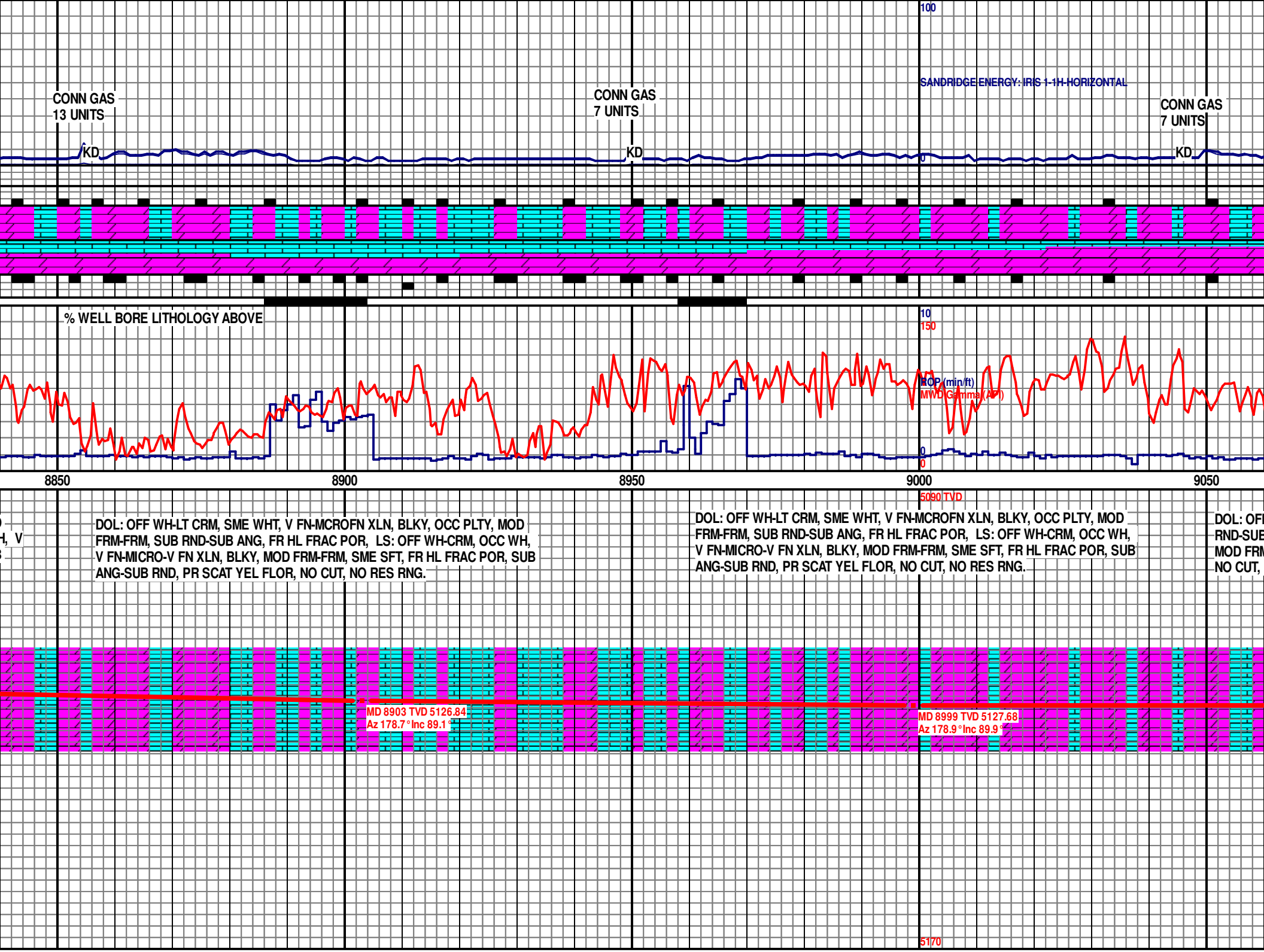

100
GAS SCALE 0-100
UNITS
FM GAS
53 UNITS
SANDRIDGE ENERGY: IRIS 1-1H-HORIZONTAL
BG GAS 27 UNITS
BG GAS
26 UNITS
KD
KD
10
150
% WELL BORE LITHOLOGY ABOVE
ROP (min/ft)
MWD Gamma (API)
0
0
7750
7800
7850
7900
7950
5090 TVD
DOL: OFF WH-LT CRM, OCC WHT,V FN-MCROFN XLN, BLKY, SME PLTY, MOD FRM-FRM, SUB RND-SUB ANG, FR HL FRAC POR, LS: OFF WH-CRM, OCC WH, V FN-MICRO-V FN XLN, PRED BLKY, MOD FRM-FRM, OCC SFT, FR-GD HL FRAC POR, OCC VUG POR, SUB ANG-SUB RND, PR-FR SCAT YEL FLOR, NO CUT, NO RES RNG.
DOL: OFF WH-LT CRM, SME WHT,V FN-MCROFN XLN, BLKY, OCC PLTY, MOD FRM-FRM, SUB RND-SUB ANG, FR HL FRAC POR, LS: OFF WH-CRM, SME WH, V FN-MICRO-V FN XLN, PRED BLKY, MOD FRM-FRM, SME SFT, FR HL FRAC POR, SME VUG POR, SUB ANG-SUB RND, PR SCAT YEL FLOR, NO CUT, NO RES RNG.
MD 7752 TVD 5131.51
Az 179.5° Inc 91.9°
MD 7848 TVD 5129.5
Az 178.4° Inc 90.5°
MD 7943 TVD 5129.0
Az 178.5° Inc 90°
5170

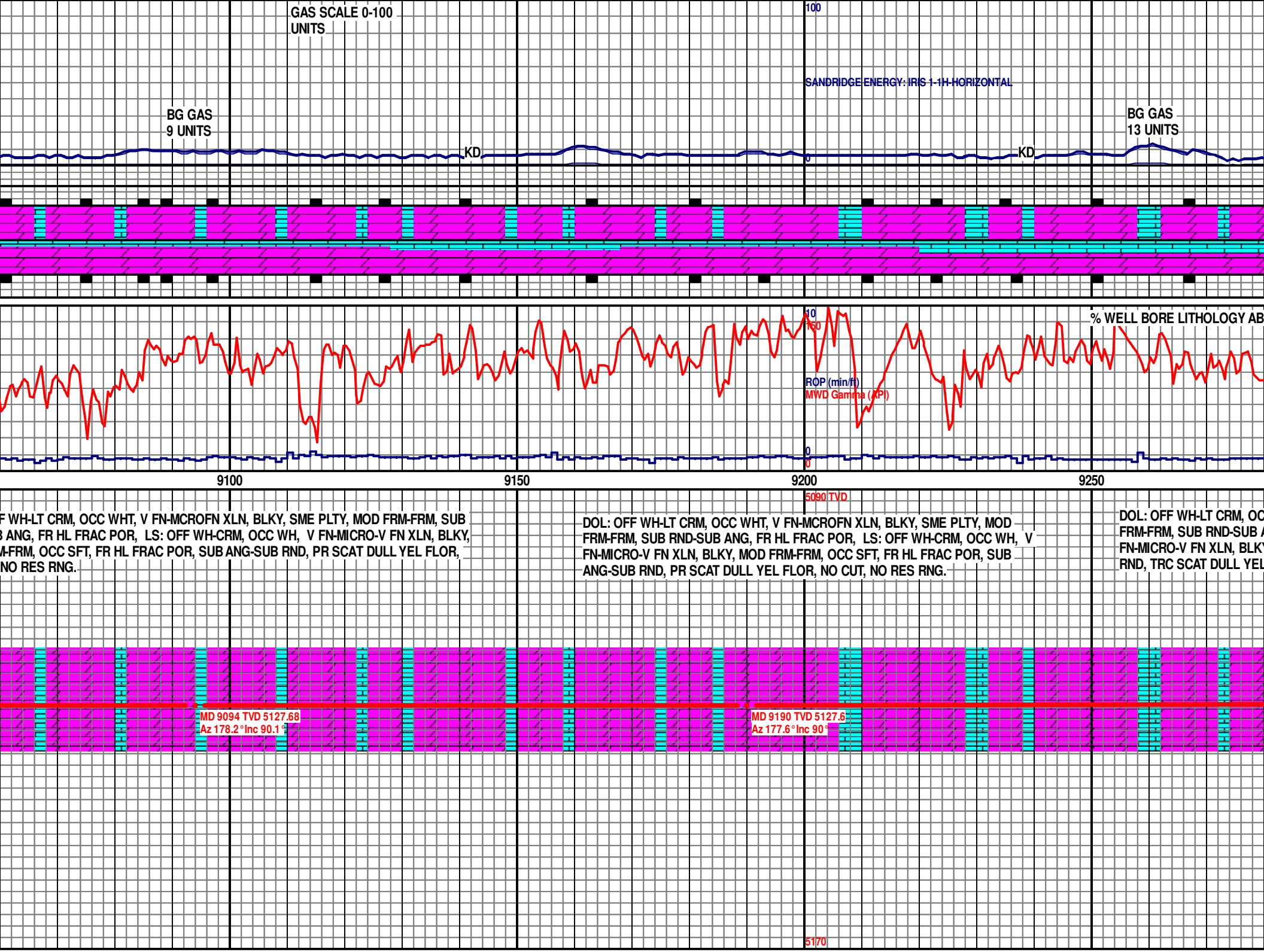

100
TRIP GAS
63 UNITS
SANDRIDGE ENERGY: IRIS 1-1H-HORIZONTAL
GAS 17 UNITS
CONN GAS
23 UNITS
BG GAS
38 UNITS
KD
KD
0
10
150
TOOH TO SWAP
PIPE & NB #5, 6
1/8", SECURITY,
FX64D, 5X12 @
8,087' MD
ROP (min/ft)
MWD Gamma (API)
2/25/2012
0
0
8000
8050
8100
8150
5090 TVD
DOL: OFF WH-LT CRM, SME WHT,V FN-MCROFN XLN, BLKY, OCC PLTY, MOD FRM-FRM, SUB RND-SUB ANG, FR HL FRAC POR, LS: OFF WH-CRM, SME WH, V FN-MICRO-V FN XLN, PRED BLKY, MOD FRM-FRM, SME SFT, FR HL FRAC POR, SME VUG POR, SUB ANG-SUB RND, PR SCAT YEL FLOR, NO CUT, NO RES RNG.
DOL: PRED OFF WH-LT CRM, OCC WHT, V FN-MCROFN XLN, BLKY, SME PLTY, MOD FRM-FRM, SUB RND-SUB ANG, PR-FR HL FRAC POR, LS: OFF WH-CRM, OCC WH, FN-V FN MICRO XLN, PRED BLKY, MOD FRM-FRM, OCC SFT, FR HL FRAC POR, OCC VUG POR, SUB ANG-SUB RND, PR DULL YEL FLOR, PR CRM WHT CUT, NO RES RNG.
DOL: OFF WH-LT CRM
FRM-FRM, SUB RND-S
FN-MICRO-V FN XLN,
POR, SUB ANG-SUB R
MD 8043 TVD 5129.26
Az 178.2° Inc 89.8°
MD 8138 TVD 5129.34
Az 177.8° Inc 90.1°
5170

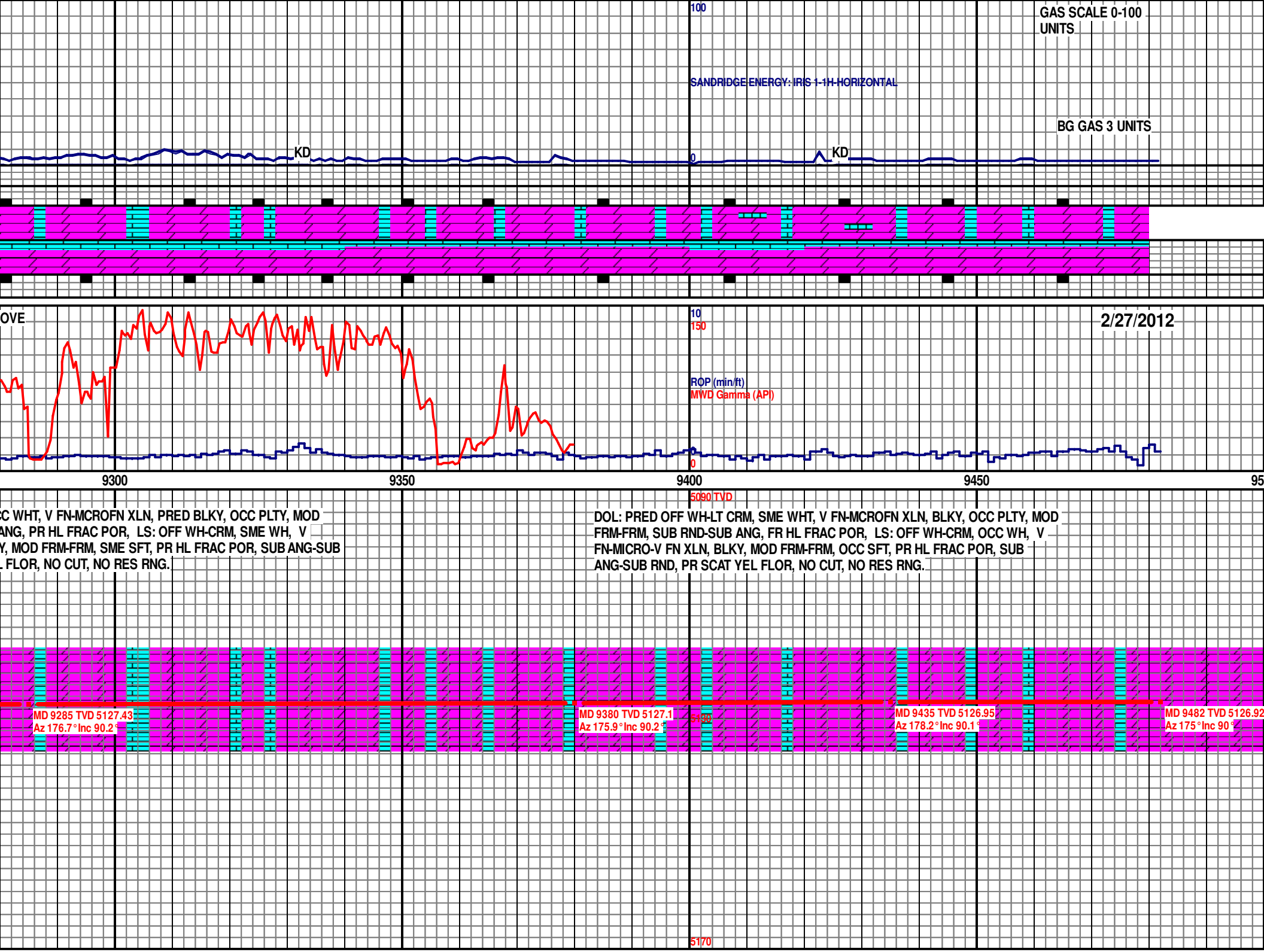

100
GAS SCALE 0-100
UNITS
SANDRIDGE ENERGY: IRIS 1-1H-HORIZONTAL
BG GAS
16 UNITS
BG GAS 7 UNITS
KD
0
KD
KD
10
150
% WELL BORE LITHOLOGY ABOVE
ROP (min/ft)
MWD Gamma (API)
0
8200
8250
8300
8350
5090 TVD
, OCC WHT, V FN-MCROFN XLN, PRED BLKY, OCC PLTY, MOD
UB ANG, FR HL FRAC POR, LS: OFF WH-CRM, SME WH, V
PRED BLKY, MOD FRM-FRM, SME SFT, FR HL FRAC POR, OCC VUG
RND, PR SCAT YEL FLOR, NO CUT, NO RES RNG.
DOL: OFF WH-LT CRM, SME WHT, V FN-MCROFN XLN, BLKY, OCC PLTY, MOD
FRM-FRM, SUB RND-SUB ANG, FR HL FRAC POR, LS: OFF WH-CRM, OCC WH,
V FN-MICRO-V FN XLN, BLKY, MOD FRM-FRM, SME SFT, FR HL FRAC POR, SUB
ANG-SUB RND, PR SCAT YEL FLOR, NO CUT, NO RES RNG.
DOL: OFF WH-LT CRM, SME WHT, V FN-MCRO
MOD FRM-FRM, SUB RND-SUB ANG, FR HL FR
OCC WH, V FN-MICRO-V FN XLN, BLKY, MOD
FRAC POR, SUB ANG-SUB RND, PR SCAT YE
RNG.
MD 8234 TVD 5129.26
Az 176.4° Inc 90°
MD 8329 TVD 5128.18
Az 177.3° Inc 91.3°
5170


100
TEST GAS 52 UNITS
TEST GAS 59 UNITS
SANDRIDGE ENERGY: IRIS 1-1H-HORIZONTAL
KD
KD
0
2/26/2012
10
150
ROP (min/ft)
MWD Gamma (API)
00
8450
8500
8550
8600
5090 TVD
DOL: OFF WH-LT CRM, SME WHT, V FN-MCROFN XLN, BLKY, OCC PLTY, MOD FRM-FRM, SUB RND-SUB ANG, FR HL FRAC POR, LS: OFF WH-CRM, OCC WH, V FN-MICRO-V FN XLN, BLKY, MOD FRM-FRM, SME SFT, FR HL FRAC POR, SUB ANG-SUB RND, PR SCAT YEL FLOR, NO CUT, NO RES RNG.
MD 8425 TVD 5125.92
Az 176.5° Inc 91.4°
MD 8520 TVD 5124.26
Az 178° Inc 90.6°
5130
5170


GAS SCALE 0-100
UNITS
100
S 1-1H-HORIZONTAL
SANDRIDGE ENERGY: IRIS 1-1H-HORIZONTAL
BG GAS 7 UNITS
BG GAS 5 UNITS
KD
KD
0
10
150
ROP (min/ft)
MWD Gamma (API)
0
0
8650
8700
8750
8800
5090 TVD
LKY, OCC PLTY, MOD
FF WH-CRM, OCC WH, V
HL FRAC POR, SUB
NG.
DOL: OFF WH-LT CRM, SME WHT, V FN-MCROFN XLN, BLKY, OCC PLTY, MOD
FRM-FRM, SUB RND-SUB ANG, FR HL FRAC POR, LS: OFF WH-CRM, OCC WH,
V FN-MICRO-V FN XLN, BLKY, MOD FRM-FRM, SME SFT, FR HL FRAC POR, SUB
ANG-SUB RND, PR SCAT YEL FLOR, NO CUT, NO RES RNG.
DOL: OFF WH-LT CRM, SME WHT, V FN-MCROFN XLN, BLKY, OCC PLTY, MOD
FRM-FRM, SUB RND-SUB ANG, FR HL FRAC POR, LS: OFF WH-CRM, OCC WH
FN-MICRO-V FN XLN, BLKY, MOD FRM-FRM, SME SFT, FR HL FRAC POR, SUB
ANG-SUB RND, PR SCAT YEL FLOR, NO CUT, NO RES RNG.
8616 TVD 5123.42
79.9 ° Inc 90.4 °
MD 8712 TVD 5123.59
Az 178.9 ° Inc 89.4 °
MD 8807 TVD 5125.08
Az 177.9 ° Inc 88.8 °
5130
5170


100
SANDRIDGE ENERGY: IRIS 1-1H-HORIZONTAL
CONN GAS
13 UNITS
CONN GAS
7 UNITS
CONN GAS
7 UNITS
KD
KD
KD
0
% WELL BORE LITHOLOGY ABOVE
10
150
ROP (min/ft)
MWD Gamma (API)
0
0
8850
8900
8950
9000
9050
5090 TVD
DOL: OFF WH-LT CRM, SME WHT, V FN-MCROFN XLN, BLKY, OCC PLTY, MOD FRM-FRM, SUB RND-SUB ANG, FR HL FRAC POR, LS: OFF WH-CRM, OCC WH, V FN-MICRO-V FN XLN, BLKY, MOD FRM-FRM, SME SFT, FR HL FRAC POR, SUB ANG-SUB RND, PR SCAT YEL FLOR, NO CUT, NO RES RNG.
DOL: OFF WH-LT CRM, SME WHT, V FN-MCROFN XLN, BLKY, OCC PLTY, MOD FRM-FRM, SUB RND-SUB ANG, FR HL FRAC POR, LS: OFF WH-CRM, OCC WH, V FN-MICRO-V FN XLN, BLKY, MOD FRM-FRM, SME SFT, FR HL FRAC POR, SUB ANG-SUB RND, PR SCAT YEL FLOR, NO CUT, NO RES RNG.
MD 8903 TVD 5126.84
Az 178.7° Inc 89.1°
MD 8999 TVD 5127.68
Az 178.9° Inc 89.9°
5170


GAS SCALE 0-100
UNITS
100
SANDRIDGE ENERGY: IRIS 1-1H-HORIZONTAL
BG GAS
9 UNITS
KD
0
KD
BG GAS
13 UNITS
% WELL BORE LITHOLOGY AB
10
100
ROP (min/ft)
MWD Gamma (API)
0
0
9100
9150
9200
9250
5090 TVD
F WH-LT CRM, OCC WHT, V FN-MCROFN XLN, BLKY, SME PLTY, MOD FRM-FRM, SUB
3 ANG, FR HL FRAC POR, LS: OFF WH-CRM, OCC WH, V FN-MICRO-V FN XLN, BLKY,
M-FRM, OCC SFT, FR HL FRAC POR, SUB ANG-SUB RND, PR SCAT DULL YEL FLOR,
NO RES RNG.
DOL: OFF WH-LT CRM, OCC WHT, V FN-MCROFN XLN, BLKY, SME PLTY, MOD
FRM-FRM, SUB RND-SUB ANG, FR HL FRAC POR, LS: OFF WH-CRM, OCC WH, V
FN-MICRO-V FN XLN, BLKY, MOD FRM-FRM, OCC SFT, FR HL FRAC POR, SUB
ANG-SUB RND, PR SCAT DULL YEL FLOR, NO CUT, NO RES RNG.
DOL: OFF WH-LT CRM, OC
FRM-FRM, SUB RND-SUB A
FN-MICRO-V FN XLN, BLK
RND, TRC SCAT DULL YEL
MD 9094 TVD 5127.68
Az 178.2° Inc 90.1°
MD 9190 TVD 5127.6
Az 177.6° Inc 90°
5170


100
GAS SCALE 0-100
UNITS
SANDRIDGE ENERGY: IRIS 1-1H-HORIZONTAL
BG GAS 3 UNITS
KD
0
KD
OVE
10
150
2/27/2012
ROP (min/ft)
MWD Gamma (API)
0
0
9300
9350
9400
9450
95
5090 TVD
CC WHT, V FN-MCROFN XLN, PRED BLKY, OCC PLTY, MOD
ANG, PR HL FRAC POR, LS: OFF WH-CRM, SME WH, V
Y, MOD FRM-FRM, SME SFT, PR HL FRAC POR, SUB ANG-SUB
L FLOR, NO CUT, NO RES RNG.
DOL: PRED OFF WH-LT CRM, SME WHT, V FN-MCROFN XLN, BLKY, OCC PLTY, MOD
FRM-FRM, SUB RND-SUB ANG, FR HL FRAC POR, LS: OFF WH-CRM, OCC WH, V
FN-MICRO-V FN XLN, BLKY, MOD FRM-FRM, OCC SFT, PR HL FRAC POR, SUB
ANG-SUB RND, PR SCAT YEL FLOR, NO CUT, NO RES RNG.
MD 9285 TVD 5127.43
Az 176.7° Inc 90.2°
MD 9380 TVD 5127.1
Az 175.9° Inc 90.2°
5130
MD 9435 TVD 5126.95
Az 178.2° Inc 90.1°
MD 9482 TVD 5126.92
Az 175° Inc 90°
5170

GAS

% WELL BORE LITHOLOGY ABOVE

ROP

00

SANDRIDGE ENERGY
INC. IRIS 1-1H
SEC 1-T31S-R20W
COMANCHE CO.
KANSAS

GR 2,117' KB 2,137'

DRILLERS TD WELL @
9,482' MD ON 2/27/2012