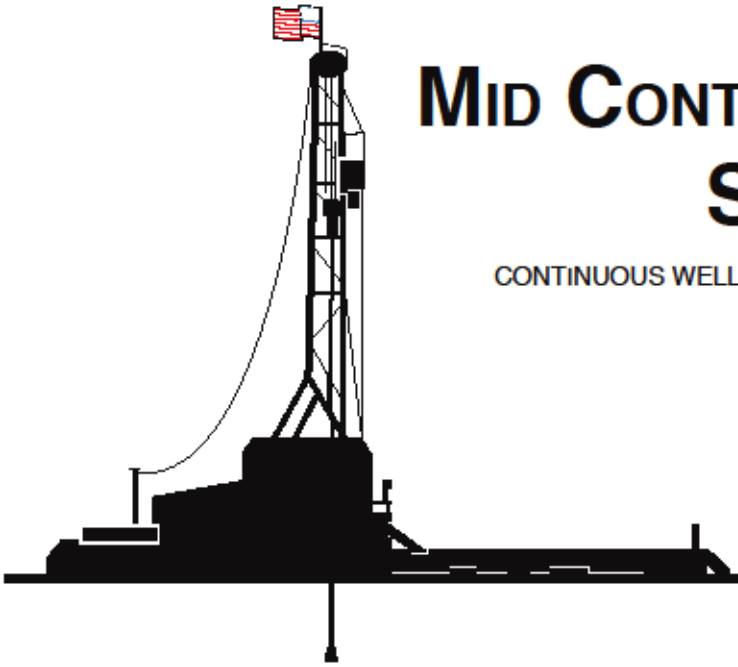


MID CONTINENT WELL LOGGING SERVICE, INC.

CONTINUOUS WELL LOGGING / COMPLETE HYDROCARBON ANALYSIS

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

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

Well Name:	Lit Trust 3508 3-14H Sandridge Energy		
Location:	HARPER COUNTY, KANSAS		
License Number:	15-077-21937-01-00	Region:	R8W
Spud Date:	6/24/2013	Drilling Completed:	7/9/2013
Surface Coordinates:	225' FNL & 1,980' FEL OF SECTION 11, T35S, R8W		
Bottom Hole Coordinates:	330" FSL & 1,980' FEL of SEC 11 ,T35S, R8W		
Ground Elevation (ft):	1,282'	K.B. Elevation (ft):	1,300'
Logged Interval (ft):	3,400' To: 9,190'	Total Depth (ft):	9,190'
Formation:	MISS		
Type of Drilling Fluid:			

Printed by MUD.LOG from WellSight Systems 1-800-447-1534 www.WellSight.com

OPERATOR

Company: Sandridge Energy, INC.
Address: 123 Robert S. Kerr Avenue, Ste. 2430
Oklahoma City, Oklahoma 73102-6406

GEOLOGIST

Name: Tammy Alcorn
Company: Sandridge Energy, Inc
Address: 123 Robert S. Kerr Avenue, Ste. 2430
Oklahoma City, Oklahoma 73102-6406

Cores

DSTs

Comments

Directional Company: ARCHER
Mud Loggers: Andrew Yates And David Milburn

ROCK TYPES

Sndylm
Anhy
Bent
Brec
Cht
Clyst
Coal
Congl
Dol
Gyp
Igne
Lmst
Meta
Mrlst
Salt
Shale
Shcol
Shgy
Ss
Till
Hotsh
Sltst

ACCESSORIES

MINERAL

Anhy
Arggrn
Arg
Bent
Bit
Brecfrag
Calc
Carb
Chtdk
Chtlt
Dol
Feldspar
Ferrpel
Ferr
Glau
Gyp
Hvymin
Kaol
Marl
Minxl
Nodule
Phos
Pyr
Salt
Sandy
Silt
Sil
Sulphur
Tuff

FOSSIL

Algae
Amph
Belm
Bioclst
Brach
Bryozoa
Cephal
Coral
Crin
Echin
Fish
Foram
Fossil
Gastro
Oolite
Ostra
Pelec
Pellet
Pisolite
Plant
Strom

STRINGER

Anhy
Arg
Bent
Coal
Dol
Gyp
Ls
Mrst
Ssstrg
Sltstrg

TEXTURE

BS Boundst
C Chalky
CX Cryxln
E Earthy
FX Finexln
GS Grainst
L Lithogr
MX Microxln
MS Mudst
PS Packst
WS Wackest

OTHER SYMBOLS

POROSITY

E Earthy
Fenest
F Fracture
Inter
Moldic
Organic
P Pinpoint
V Vuggy
New symbol
New symbol
Sndylm
New symbol

SORTING

W Well
M Moderate
P Poor

ROUNDING

R Rounded
Subrnd
a Subang
A Angular

OIL SHOW

Even
Spotted
Ques

D Dead

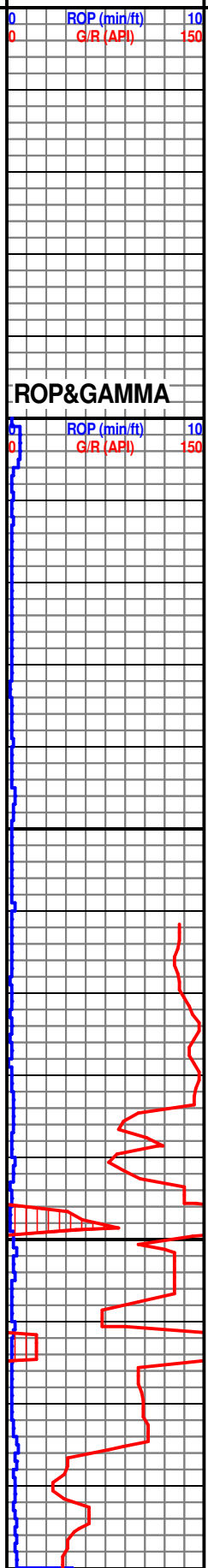
INTERVAL

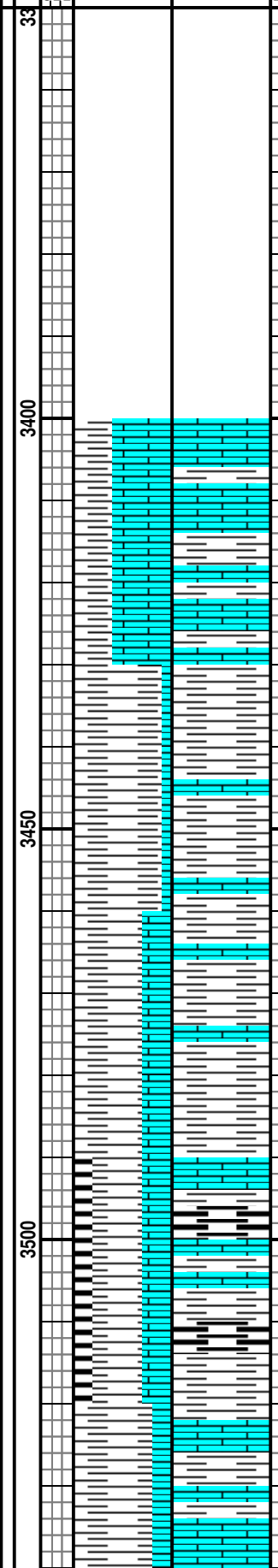
Core
Dst

EVENT

Rft
Sidewall

Survey Data	ROP ROP (min/ft) G/R (API)	Depth	Porosity	% Lithology	Lithology	Fluorescence	Leach	Geological Descriptions	TG, C1-C5 TG (Units) C1 (units) C2 (units) C3 (units) C4 (units) C5 (units)	OIL CURVE





SANDRIDGE ENERGY INC.
Lit Trust 3508 3-14H
SEC. 11-T35S-R8W
Harper CO.

GL: 1,282' KB: 1,300'

DRILLING W/ BIT #2: 8.75" HALLIBURTON PDC; JETS: 5X12'S

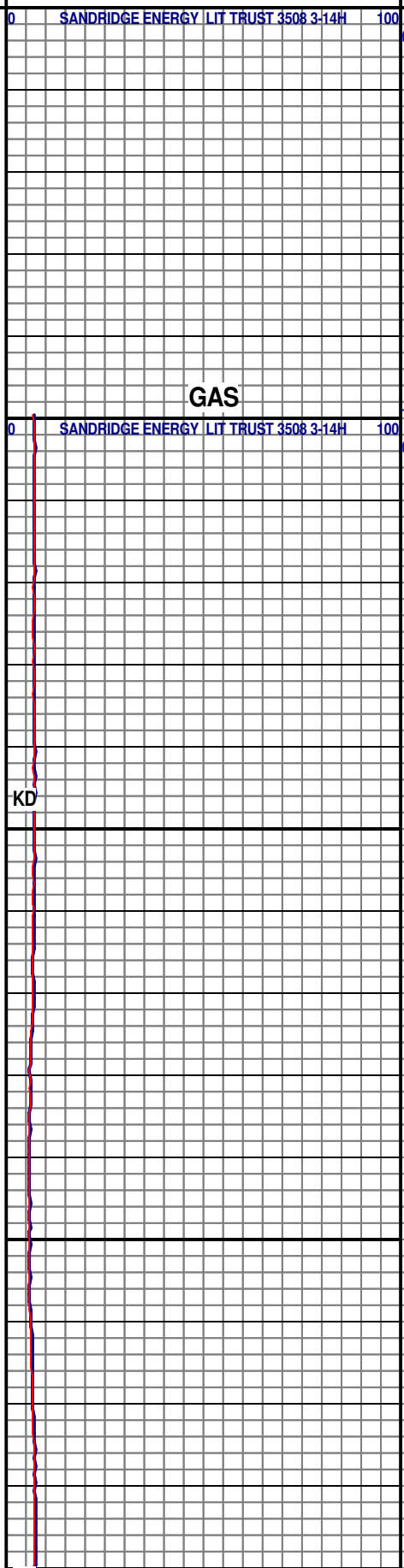
STARTED LOGGING ON 06/29/2013

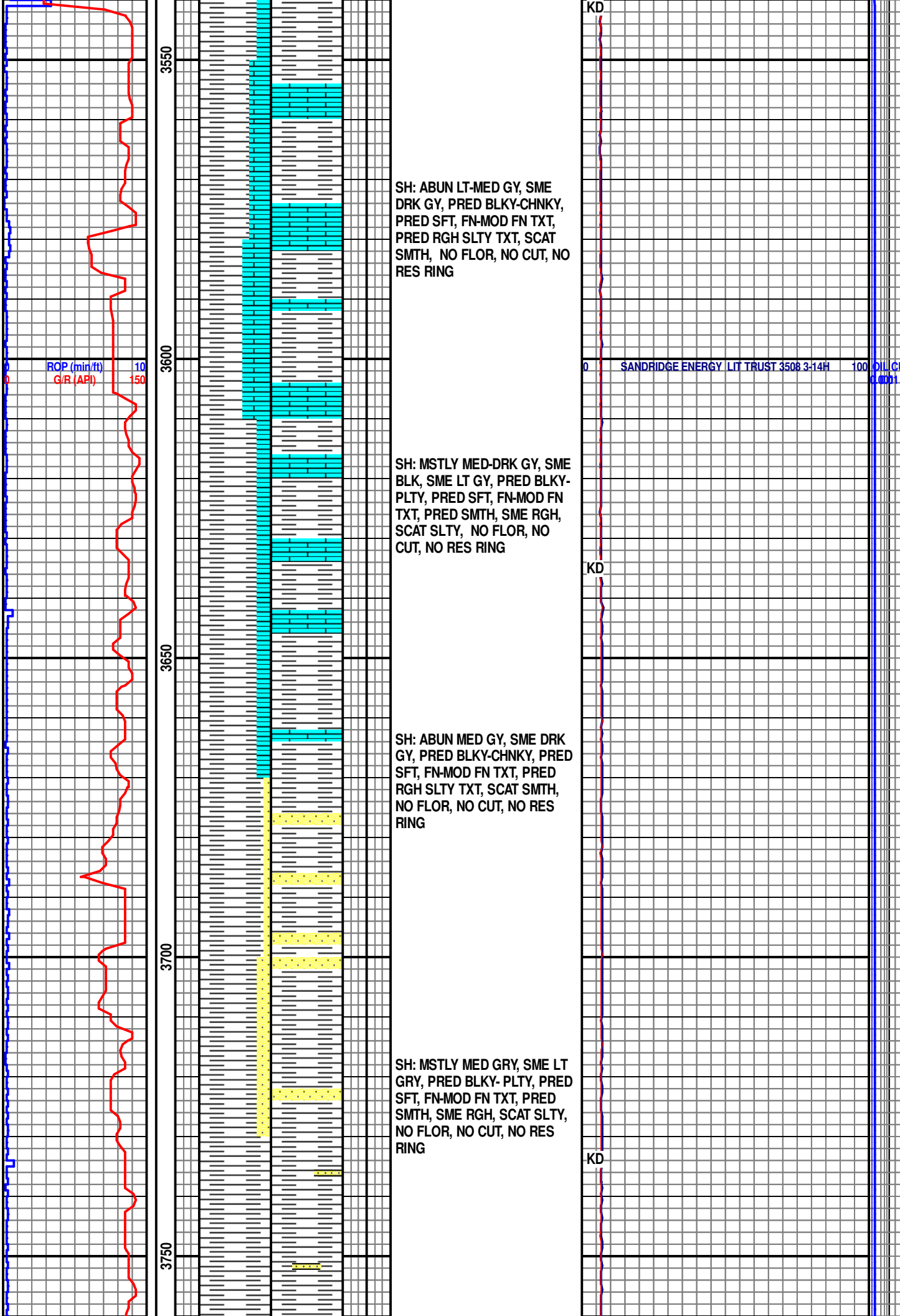
LS: LT GRY, SME CRM, FRM-HRD, PRED BLKY-CHNKY, FN-MOD FN XLN, SH: DRK GRY-BLK, SFT-FRM, BLKY-CHNKY, NO FLOR, NO CUT, NO RES RING

SH: MSTLY MED-DRK GY, SME BLK, SME LT GY, PRED BLKY-PLTY, PRED SFT, FN-MOD FN TXT, PRED SMTH, SME RGH, SCAT SLTY, NO FLOR, NO CUT, NO RES RING

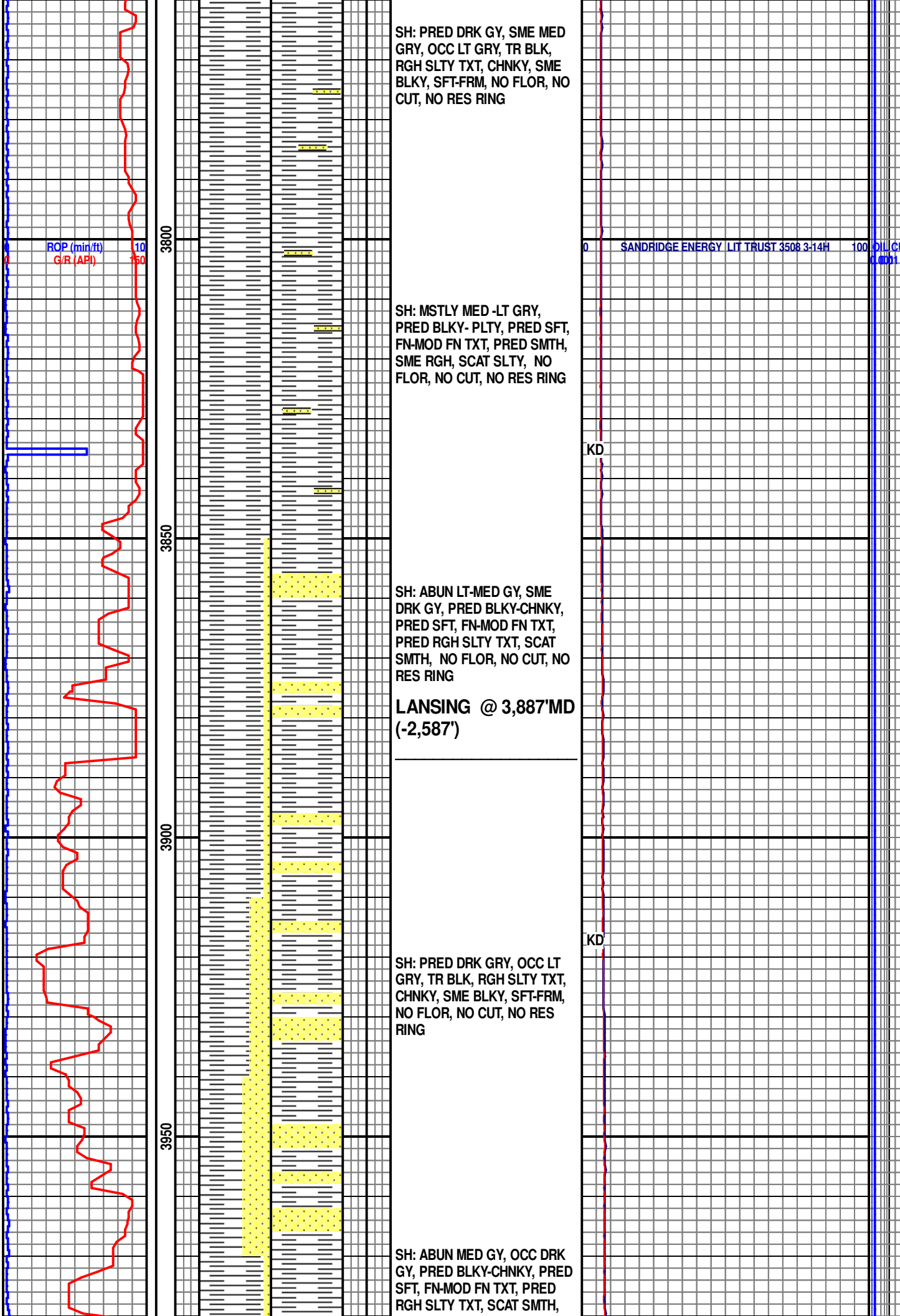
BASE HEEBNER @ 3,513' MD (-2,213')

SH: PRED DRK GY, OCC LT GRY, TR BLK, RGH SLTY TXT, CHNKY, SME BLKY, SFT-FRM, NO FLOR, NO CUT, NO RES RING




ROP (min/ft)
10
G/R (API)
150
3550
3600
3650
3700
3750
SH: ABUN LT-MED GY, SME DRK GY, PRED BLKY-CHNKY, PRED SFT, FN-MOD FN TXT, PRED RGH SLTY TXT, SCAT SMTH, NO FLOR, NO CUT, NO RES RING
SH: MSTLY MED-DRK GY, SME BLK, SME LT GY, PRED BLKY-PLTY, PRED SFT, FN-MOD FN TXT, PRED SMTH, SME RGH, SCAT SLTY, NO FLOR, NO CUT, NO RES RING
SH: ABUN MED GY, SME DRK GY, PRED BLKY-CHNKY, PRED SFT, FN-MOD FN TXT, PRED RGH SLTY TXT, SCAT SMTH, NO FLOR, NO CUT, NO RES RING
SH: MSTLY MED GRY, SME LT GRY, PRED BLKY- PLTY, PRED SFT, FN-MOD FN TXT, PRED SMTH, SME RGH, SCAT SLTY, NO FLOR, NO CUT, NO RES RING
KD
KD
KD
0
SANDRIDGE ENERGY LIT TRUST 3508 3-14H
100

MD 3770 TVD 3769.7
INC 0.4 AZ 77.5



SH: PRED DRK GY, SME MED GRY, OCC LT GRY, TR BLK, RGH SLTY TXT, CHNKY, SME BLKY, SFT-FRM, NO FLOR, NO CUT, NO RES RING

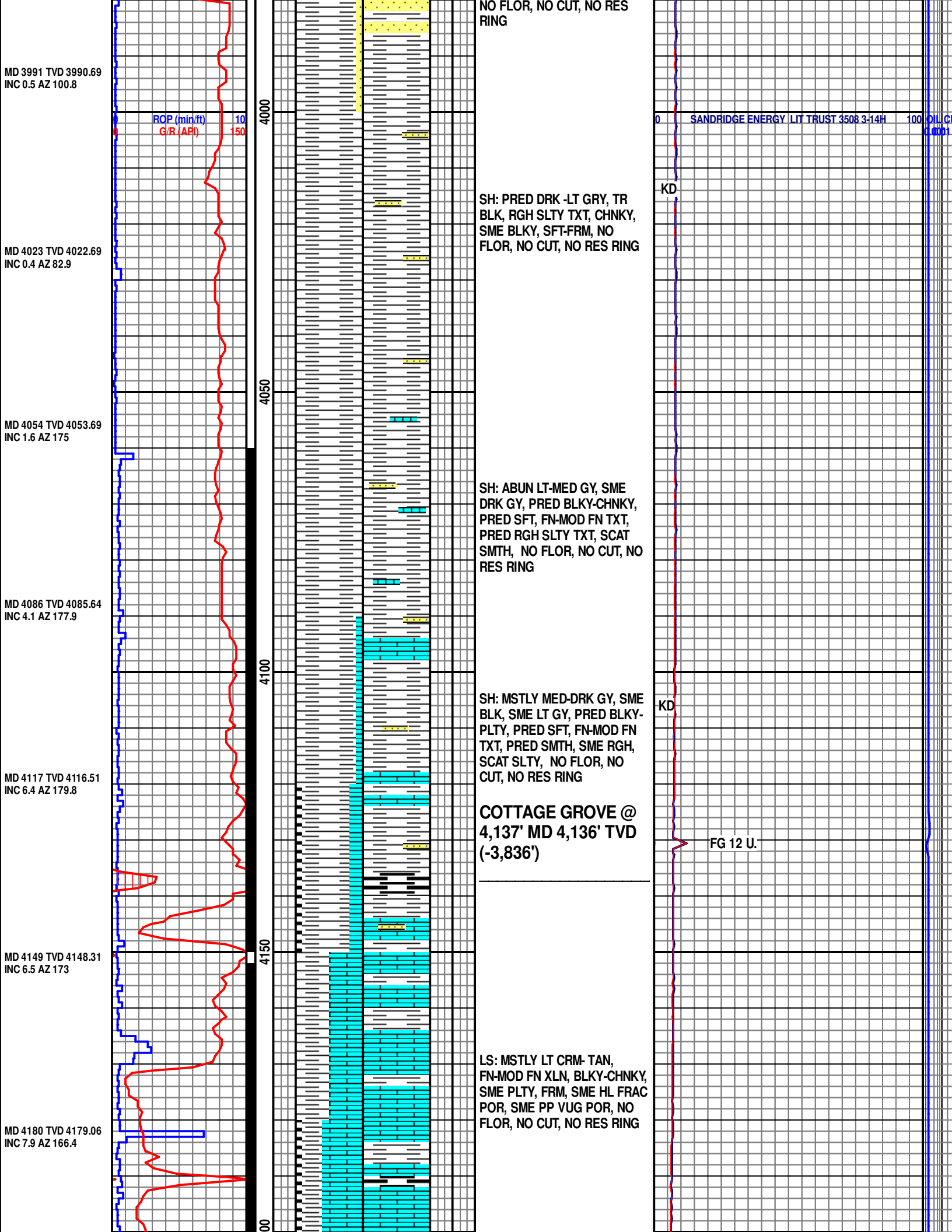
SH: MSTLY MED -LT GRY, PRED BLKY- PLTY, PRED SFT, FN-MOD FN TXT, PRED SMTH, SME RGH, SCAT SLTY, NO FLOR, NO CUT, NO RES RING

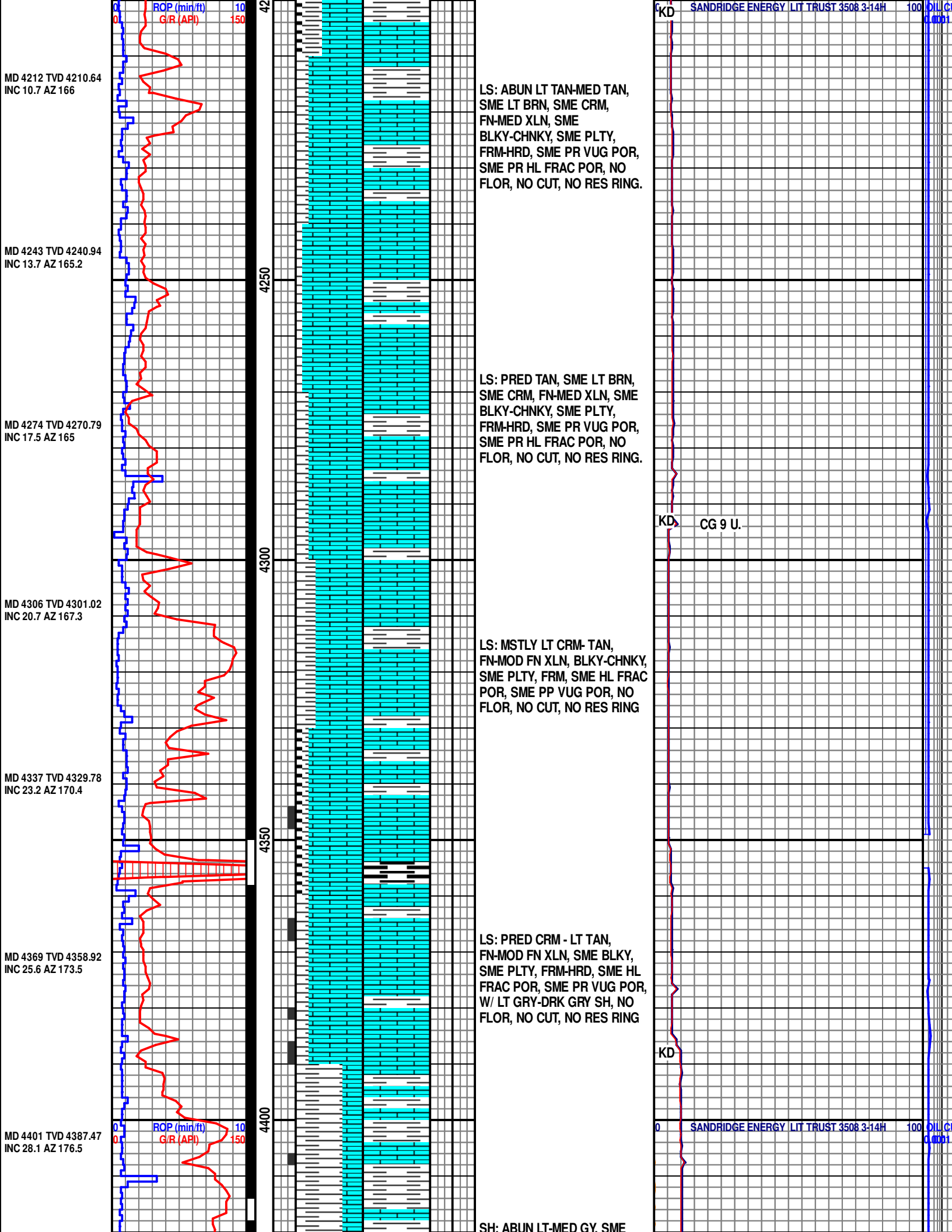
SH: ABUN LT-MED GY, SME DRK GY, PRED BLKY-CHNKY, PRED SFT, FN-MOD FN TXT, PRED RGH SLTY TXT, SCAT SMTH, NO FLOR, NO CUT, NO RES RING

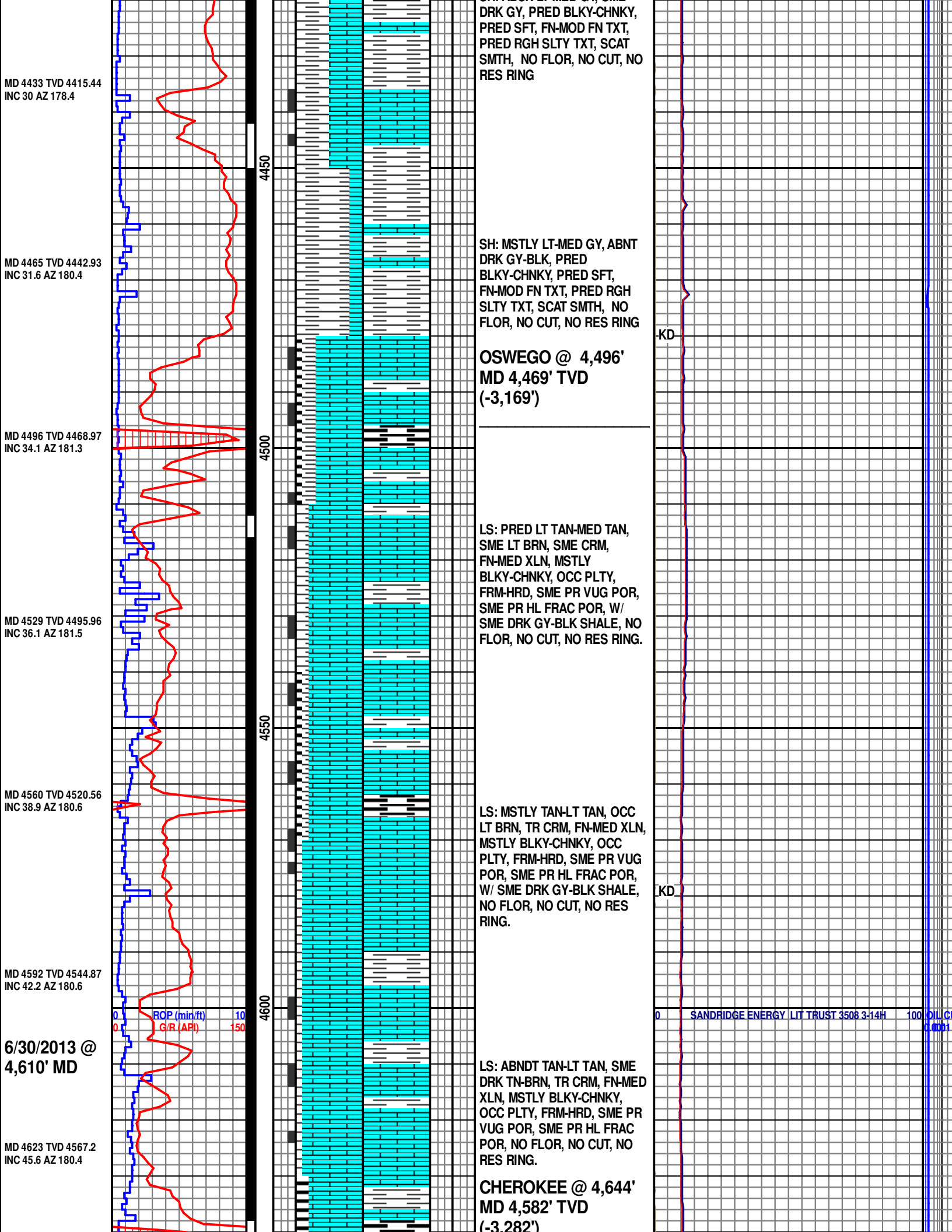
LANSING @ 3,887'MD (-2,587')

SH: PRED DRK GRY, OCC LT GRY, TR BLK, RGH SLTY TXT, CHNKY, SME BLKY, SFT-FRM, NO FLOR, NO CUT, NO RES RING

SH: ABUN MED GY, OCC DRK GY, PRED BLKY-CHNKY, PRED SFT, FN-MOD FN TXT, PRED RGH SLTY TXT, SCAT SMTH,


NO FLOR, NO CUT, NO RES RING
MD 3991 TVD 3990.69
INC 0.5 AZ 100.8
ROP (min/ft)
G/R (API)
10
150
4000
SANDRIDGE ENERGY LIT TRUST 3508 3-14H
100
KD
SH: PRED DRK -LT GRY, TR BLK, RGH SLTY TXT, CHNKY, SME BLKY, SFT-FRM, NO FLOR, NO CUT, NO RES RING
MD 4023 TVD 4022.69
INC 0.4 AZ 82.9
4050
MD 4054 TVD 4053.69
INC 1.6 AZ 175
SH: ABUN LT-MED GY, SME DRK GY, PRED BLKY-CHNKY, PRED SFT, FN-MOD FN TXT, PRED RGH SLTY TXT, SCAT SMTH, NO FLOR, NO CUT, NO RES RING
MD 4086 TVD 4085.64
INC 4.1 AZ 177.9
4100
SH: MSTLY MED-DRK GY, SME BLK, SME LT GY, PRED BLKY-PLTY, PRED SFT, FN-MOD FN TXT, PRED SMTH, SME RGH, SCAT SLTY, NO FLOR, NO CUT, NO RES RING
KD
MD 4117 TVD 4116.51
INC 6.4 AZ 179.8
COTTAGE GROVE @ 4,137' MD 4,136' TVD (-3,836')
FG 12 U.
4150
MD 4149 TVD 4148.31
INC 6.5 AZ 173
LS: MSTLY LT CRM- TAN, FN-MOD FN XLN, BLKY-CHNKY, SME PLTY, FRM, SME HL FRAC POR, SME PP VUG POR, NO FLOR, NO CUT, NO RES RING
MD 4180 TVD 4179.06
INC 7.9 AZ 166.4


ROP (min/ft)
G/R (API)
0
10
0
150
4250
4300
4350
4400
SANDRIDGE ENERGY LIT TRUST 3508 3-14H
100
KD
CG 9 U.
MD 4212 TVD 4210.64
INC 10.7 AZ 166
MD 4243 TVD 4240.94
INC 13.7 AZ 165.2
MD 4274 TVD 4270.79
INC 17.5 AZ 165
MD 4306 TVD 4301.02
INC 20.7 AZ 167.3
MD 4337 TVD 4329.78
INC 23.2 AZ 170.4
MD 4369 TVD 4358.92
INC 25.6 AZ 173.5
MD 4401 TVD 4387.47
INC 28.1 AZ 176.5
LS: ABUN LT TAN-MED TAN, SME LT BRN, SME CRM, FN-MED XLN, SME BLKY-CHNKY, SME PLTY, FRM-HRD, SME PR VUG POR, SME PR HL FRAC POR, NO FLOR, NO CUT, NO RES RING.
LS: PRED TAN, SME LT BRN, SME CRM, FN-MED XLN, SME BLKY-CHNKY, SME PLTY, FRM-HRD, SME PR VUG POR, SME PR HL FRAC POR, NO FLOR, NO CUT, NO RES RING.
LS: MSTLY LT CRM- TAN, FN-MOD FN XLN, BLKY-CHNKY, SME PLTY, FRM, SME HL FRAC POR, SME PP VUG POR, NO FLOR, NO CUT, NO RES RING
LS: PRED CRM - LT TAN, FN-MOD FN XLN, SME BLKY, SME PLTY, FRM-HRD, SME HL FRAC POR, SME PR VUG POR, W/ LT GRY-DRK GRY SH, NO FLOR, NO CUT, NO RES RING
SH: ABUN LT-MED GY, SME


DRK GY, PRED BLKY-CHNKY, PRED SFT, FN-MOD FN TXT, PRED RGH SLTY TXT, SCAT SMTH, NO FLOR, NO CUT, NO RES RING
MD 4433 TVD 4415.44
INC 30 AZ 178.4
4450
SH: MSTLY LT-MED GY, ABNT DRK GY-BLK, PRED BLKY-CHNKY, PRED SFT, FN-MOD FN TXT, PRED RGH SLTY TXT, SCAT SMTH, NO FLOR, NO CUT, NO RES RING
MD 4465 TVD 4442.93
INC 31.6 AZ 180.4
KD
OSWEGO @ 4,496'
MD 4,469' TVD
(-3,169')
MD 4496 TVD 4468.97
INC 34.1 AZ 181.3
4500
LS: PRED LT TAN-MED TAN, SME LT BRN, SME CRM, FN-MED XLN, MSTLY BLKY-CHNKY, OCC PLTY, FRM-HRD, SME PR VUG POR, SME PR HL FRAC POR, W/ SME DRK GY-BLK SHALE, NO FLOR, NO CUT, NO RES RING.
MD 4529 TVD 4495.96
INC 36.1 AZ 181.5
4550
MD 4560 TVD 4520.56
INC 38.9 AZ 180.6
LS: MSTLY TAN-LT TAN, OCC LT BRN, TR CRM, FN-MED XLN, MSTLY BLKY-CHNKY, OCC PLTY, FRM-HRD, SME PR VUG POR, SME PR HL FRAC POR, W/ SME DRK GY-BLK SHALE, NO FLOR, NO CUT, NO RES RING.
KD
MD 4592 TVD 4544.87
INC 42.2 AZ 180.6
4600
0 ROP (min/ft) 10
0 G/R (API) 150
0 SANDRIDGE ENERGY LIT TRUST 3508 3-14H 100
6/30/2013 @
4,610' MD
LS: ABNDT TAN-LT TAN, SME DRK TN-BRN, TR CRM, FN-MED XLN, MSTLY BLKY-CHNKY, OCC PLTY, FRM-HRD, SME PR VUG POR, SME PR HL FRAC POR, NO FLOR, NO CUT, NO RES RING.
MD 4623 TVD 4567.2
INC 45.6 AZ 180.4
CHEROKEE @ 4,644'
MD 4,582' TVD
(-3,282')

MD 4655 TVD 4589.04
INC 48.3 AZ 180.8

MD 4687 TVD 4609.72
INC 51.2 AZ 180.8

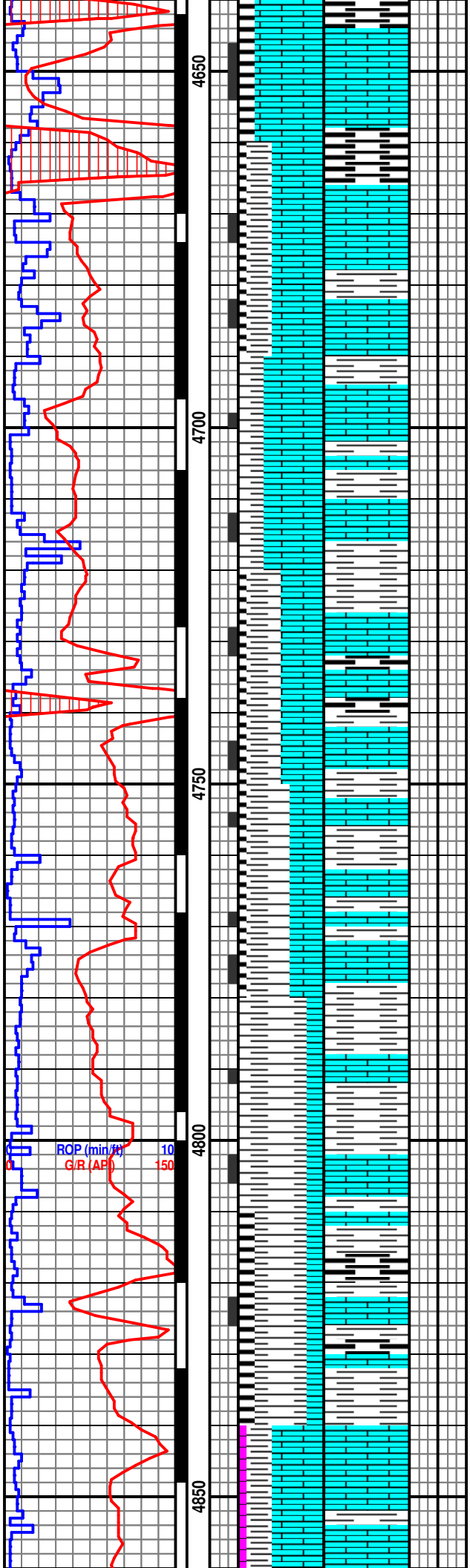
MD 4718 TVD 4628.74
INC 53.1 AZ 180.7

MD 4750 TVD 4647.43
INC 55.4 AZ 181.1

MD 4781 TVD 4664.54
INC 57.6 AZ 181.2

MD 4813 TVD 4681.24
INC 59.5 AZ 181.6

MD 4844 TVD 4696.64
INC 60.9 AZ 181.9



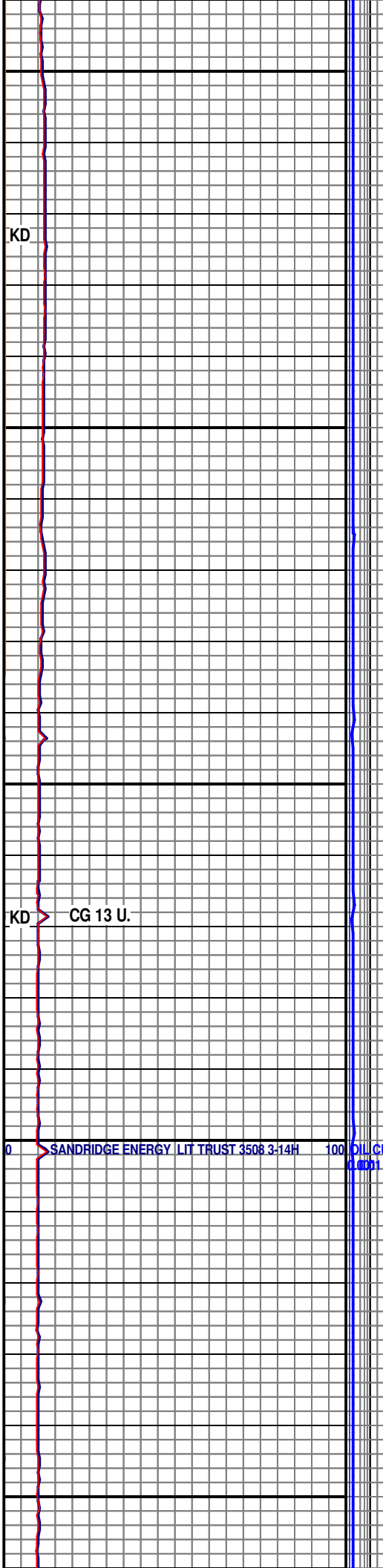
LS: MSTLY TAN-LT TAN, OCC LT CRM-OFF WHT, FN-MED XLN, MSTLY BLKY-CHNKY, OCC PLTY, FRM-HRD, SME PR VUG POR, SME PR HL FRAC POR, W/ SME DRK GY-BLK SHALE, NO FLOR, NO CUT, NO RES RING.

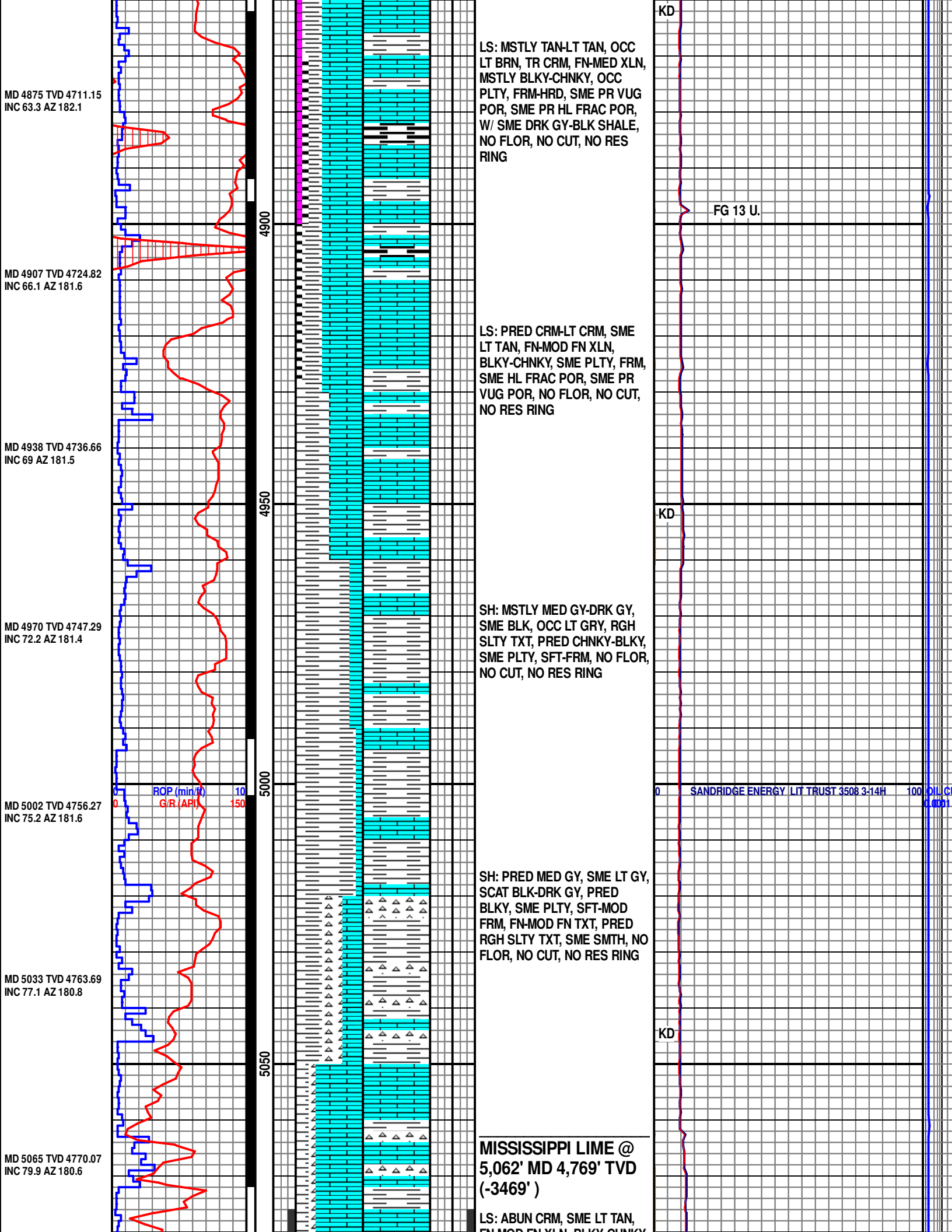
LS: PRED CRM-LT CRM, SME LT TAN, FN-MOD FN XLN, BLKY-CHNKY, SME PLTY, FRM, SME HL FRAC POR, SME PR VUG POR, NO FLOR, NO CUT, NO RES RING

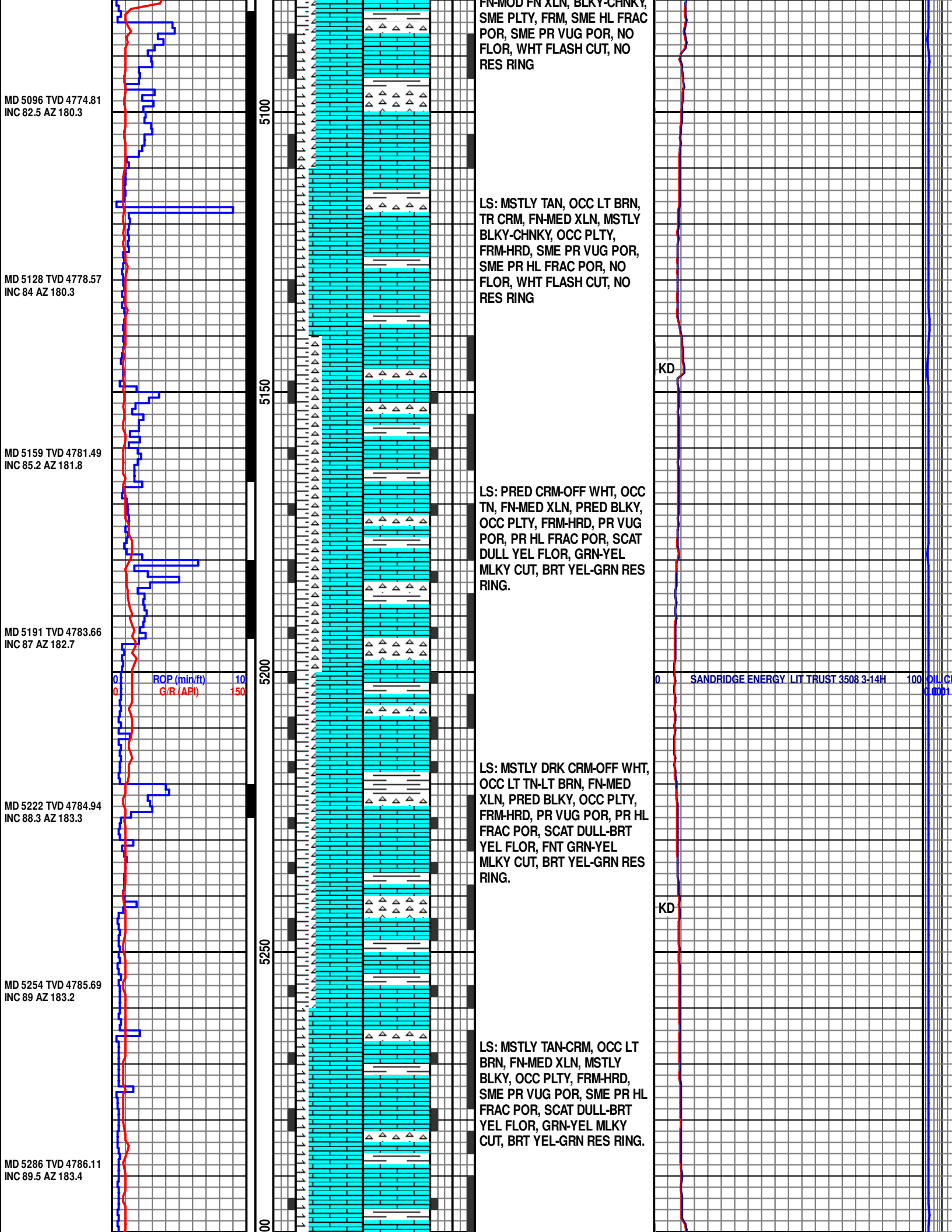
VERDIGRIS @ 4,742'
MD 4,643' TVD
(-3,343')

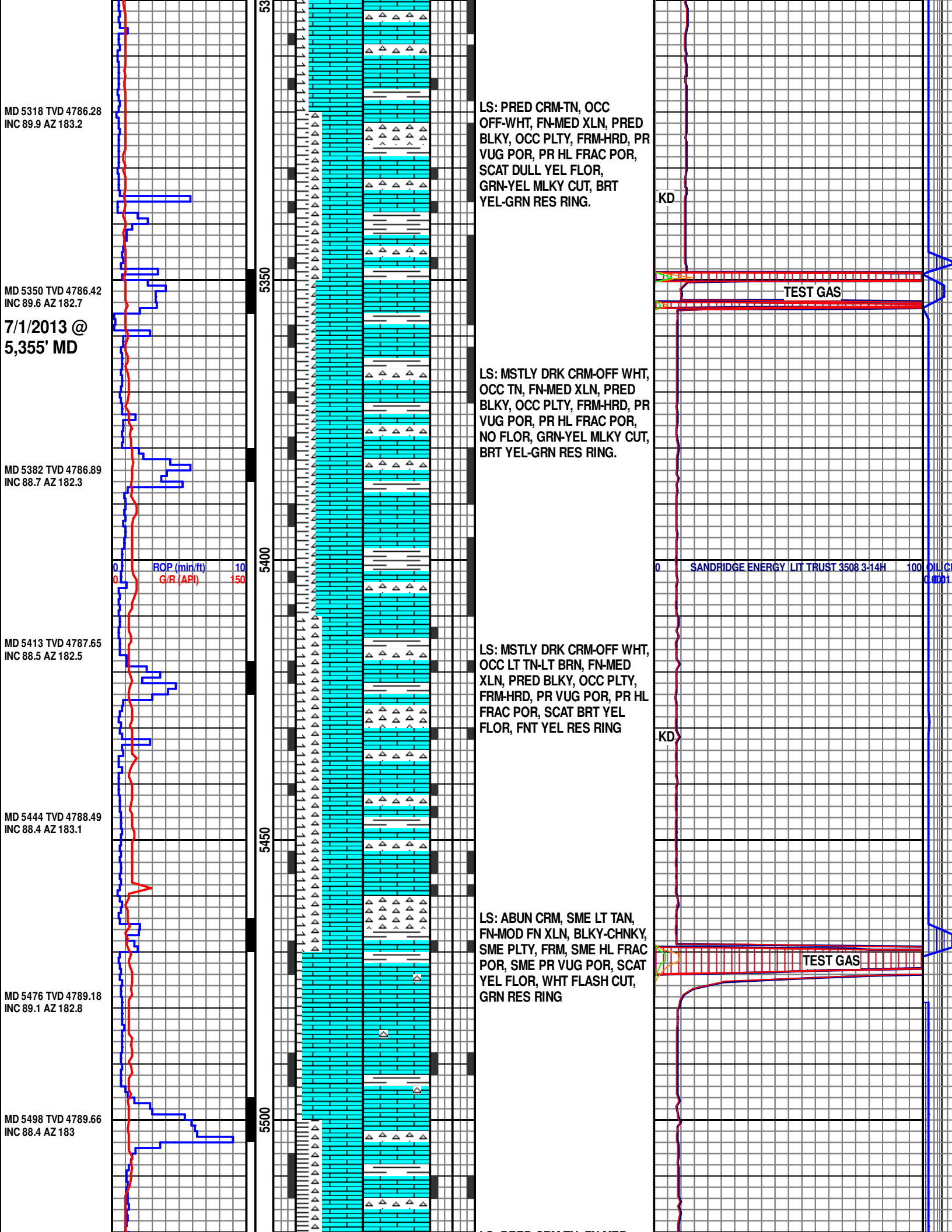
SH: MSTLY MED GY-DRK GY, SME BLK, OCC LT GRY, RGH SLTY TXT, PRED CHNKY-BLKY, SME PLTY, SFT-FRM, NO FLOR, NO CUT, NO RES RING

SH: PRED MED GY, SME LT GY, SCAT BLK-DRK GY, PRED BLKY, SME PLTY, SFT-MOD FRM, FN-MOD FN TXT, PRED RGH SLTY TXT, SME SMTH, NO FLOR, NO CUT, NO RES RING




MD 4875 TVD 4711.15
INC 63.3 AZ 182.1
MD 4907 TVD 4724.82
INC 66.1 AZ 181.6
MD 4938 TVD 4736.66
INC 69 AZ 181.5
MD 4970 TVD 4747.29
INC 72.2 AZ 181.4
MD 5002 TVD 4756.27
INC 75.2 AZ 181.6
MD 5033 TVD 4763.69
INC 77.1 AZ 180.8
MD 5065 TVD 4770.07
INC 79.9 AZ 180.6
ROP (min/ft)
G/R (API)
0
10
150
4900
4950
5000
5050
LS: MSTLY TAN-LT TAN, OCC LT BRN, TR CRM, FN-MED XLN, MSTLY BLKY-CHNKY, OCC PLTY, FRM-HRD, SME PR VUG POR, SME PR HL FRAC POR, W/ SME DRK GY-BLK SHALE, NO FLOR, NO CUT, NO RES RING
LS: PRED CRM-LT CRM, SME LT TAN, FN-MOD FN XLN, BLKY-CHNKY, SME PLTY, FRM, SME HL FRAC POR, SME PR VUG POR, NO FLOR, NO CUT, NO RES RING
SH: MSTLY MED GY-DRK GY, SME BLK, OCC LT GRY, RGH SLTY TXT, PRED CHNKY-BLKY, SME PLTY, SFT-FRM, NO FLOR, NO CUT, NO RES RING
SH: PRED MED GY, SME LT GY, SCAT BLK-DRK GY, PRED BLKY, SME PLTY, SFT-MOD FRM, FN-MOD FN TXT, PRED RGH SLTY TXT, SME SMTH, NO FLOR, NO CUT, NO RES RING
MISSISSIPPI LIME @ 5,062' MD 4,769' TVD (-3469')
LS: ABUN CRM, SME LT TAN,
KD
FG 13 U.
KD
KD
0
SANDRIDGE ENERGY LIT TRUST 3508 3-14H
100

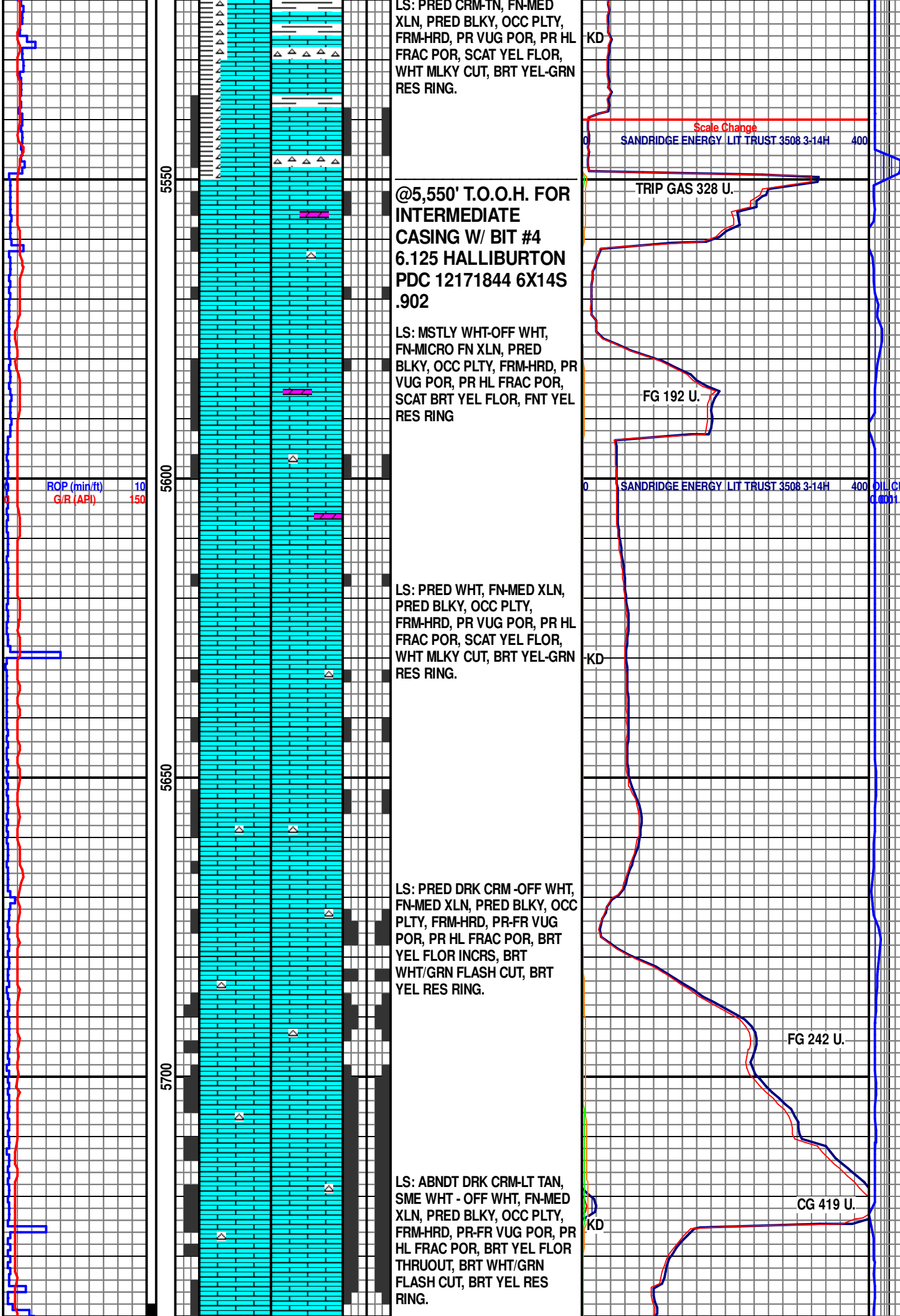

FN-MOD FN XLN, BLKY-CHNKY, SME PLTY, FRM, SME HL FRAC POR, SME PR VUG POR, NO FLOR, WHT FLASH CUT, NO RES RING
MD 5096 TVD 4774.81
INC 82.5 AZ 180.3
5100
LS: MSTLY TAN, OCC LT BRN, TR CRM, FN-MED XLN, MSTLY BLKY-CHNKY, OCC PLTY, FRM-HRD, SME PR VUG POR, SME PR HL FRAC POR, NO FLOR, WHT FLASH CUT, NO RES RING
MD 5128 TVD 4778.57
INC 84 AZ 180.3
KD
5150
MD 5159 TVD 4781.49
INC 85.2 AZ 181.8
LS: PRED CRM-OFF WHT, OCC TN, FN-MED XLN, PRED BLKY, OCC PLTY, FRM-HRD, PR VUG POR, PR HL FRAC POR, SCAT DULL YEL FLOR, GRN-YEL MLKY CUT, BRT YEL-GRN RES RING.
MD 5191 TVD 4783.66
INC 87 AZ 182.7
0 ROP (min/ft) 10
0 G/R (API) 150
5200
0 SANDRIDGE ENERGY LIT TRUST 3508 3-14H 100
LS: MSTLY DRK CRM-OFF WHT, OCC LT TN-LT BRN, FN-MED XLN, PRED BLKY, OCC PLTY, FRM-HRD, PR VUG POR, PR HL FRAC POR, SCAT DULL-BRT YEL FLOR, FNT GRN-YEL MLKY CUT, BRT YEL-GRN RES RING.
MD 5222 TVD 4784.94
INC 88.3 AZ 183.3
KD
5250
MD 5254 TVD 4785.69
INC 89 AZ 183.2
LS: MSTLY TAN-CRM, OCC LT BRN, FN-MED XLN, MSTLY BLKY, OCC PLTY, FRM-HRD, SME PR VUG POR, SME PR HL FRAC POR, SCAT DULL-BRT YEL FLOR, GRN-YEL MLKY CUT, BRT YEL-GRN RES RING.
MD 5286 TVD 4786.11
INC 89.5 AZ 183.4


MD 5318 TVD 4786.28
INC 89.9 AZ 183.2
MD 5350 TVD 4786.42
INC 89.6 AZ 182.7
7/1/2013 @
5,355' MD
MD 5382 TVD 4786.89
INC 88.7 AZ 182.3
MD 5413 TVD 4787.65
INC 88.5 AZ 182.5
MD 5444 TVD 4788.49
INC 88.4 AZ 183.1
MD 5476 TVD 4789.18
INC 89.1 AZ 182.8
MD 5498 TVD 4789.66
INC 88.4 AZ 183
ROP (min/ft)
G/R (API)
0
10
0
150
5350
5400
5450
5500
LS: PRED CRM-TN, OCC OFF-WHT, FN-MED XLN, PRED BLKY, OCC PLTY, FRM-HRD, PR VUG POR, PR HL FRAC POR, SCAT DULL YEL FLOR, GRN-YEL MLKY CUT, BRT YEL-GRN RES RING.
LS: MSTLY DRK CRM-OFF WHT, OCC TN, FN-MED XLN, PRED BLKY, OCC PLTY, FRM-HRD, PR VUG POR, PR HL FRAC POR, NO FLOR, GRN-YEL MLKY CUT, BRT YEL-GRN RES RING.
LS: MSTLY DRK CRM-OFF WHT, OCC LT TN-LT BRN, FN-MED XLN, PRED BLKY, OCC PLTY, FRM-HRD, PR VUG POR, PR HL FRAC POR, SCAT BRT YEL FLOR, FNT YEL RES RING
LS: ABUN CRM, SME LT TAN, FN-MOD FN XLN, BLKY-CHNKY, SME PLTY, FRM, SME HL FRAC POR, SME PR VUG POR, SCAT YEL FLOR, WHT FLASH CUT, GRN RES RING
KD
TEST GAS
KD
TEST GAS
0
SANDRIDGE ENERGY LIT TRUST 3508 3-14H
100

7/2/2013 -
7/7/2013
@5,550' MD

MD 5572 TVD 4791.73
INC 88.4 AZ 183.5

MD 5667 TVD 4793.89
INC 89 AZ 183.5



LS: PRED CRM-TN, FN-MED XLN, PRED BLKY, OCC PLTY, FRM-HRD, PR VUG POR, PR HL FRAC POR, SCAT YEL FLOR, WHT MLKY CUT, BRT YEL-GRN RES RING.

@5,550' T.O.O.H. FOR INTERMEDIATE CASING W/ BIT #4 6.125 HALLIBURTON PDC 12171844 6X14S .902

LS: MSTLY WHT-OFF WHT, FN-MICRO FN XLN, PRED BLKY, OCC PLTY, FRM-HRD, PR VUG POR, PR HL FRAC POR, SCAT BRT YEL FLOR, FNT YEL RES RING

LS: PRED WHT, FN-MED XLN, PRED BLKY, OCC PLTY, FRM-HRD, PR VUG POR, PR HL FRAC POR, SCAT YEL FLOR, WHT MLKY CUT, BRT YEL-GRN RES RING.

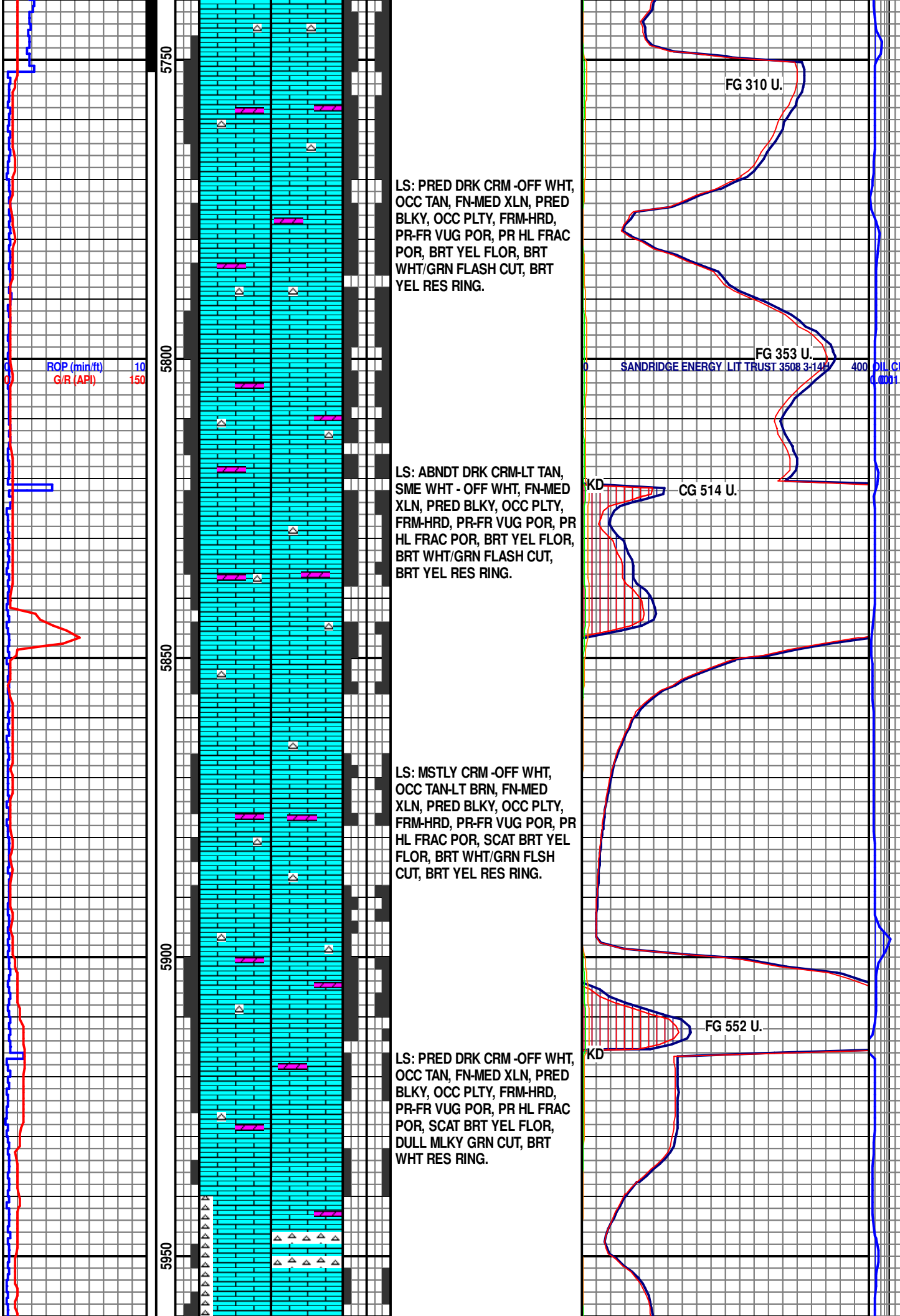
LS: PRED DRK CRM -OFF WHT, FN-MED XLN, PRED BLKY, OCC PLTY, FRM-HRD, PR-FR VUG POR, PR HL FRAC POR, BRT YEL FLOR INCRS, BRT WHT/GRN FLASH CUT, BRT YEL RES RING.

LS: ABNDT DRK CRM-LT TAN, SME WHT - OFF WHT, FN-MED XLN, PRED BLKY, OCC PLTY, FRM-HRD, PR-FR VUG POR, PR HL FRAC POR, BRT YEL FLOR THRUOUT, BRT WHT/GRN FLASH CUT, BRT YEL RES RING.

MD 5761 TVD 4797.33
INC 86.8 AZ 182.7

MD 5856 TVD 4802.55
INC 86.9 AZ 182.2

MD 5952 TVD 4807.41
INC 87.3 AZ 182.7

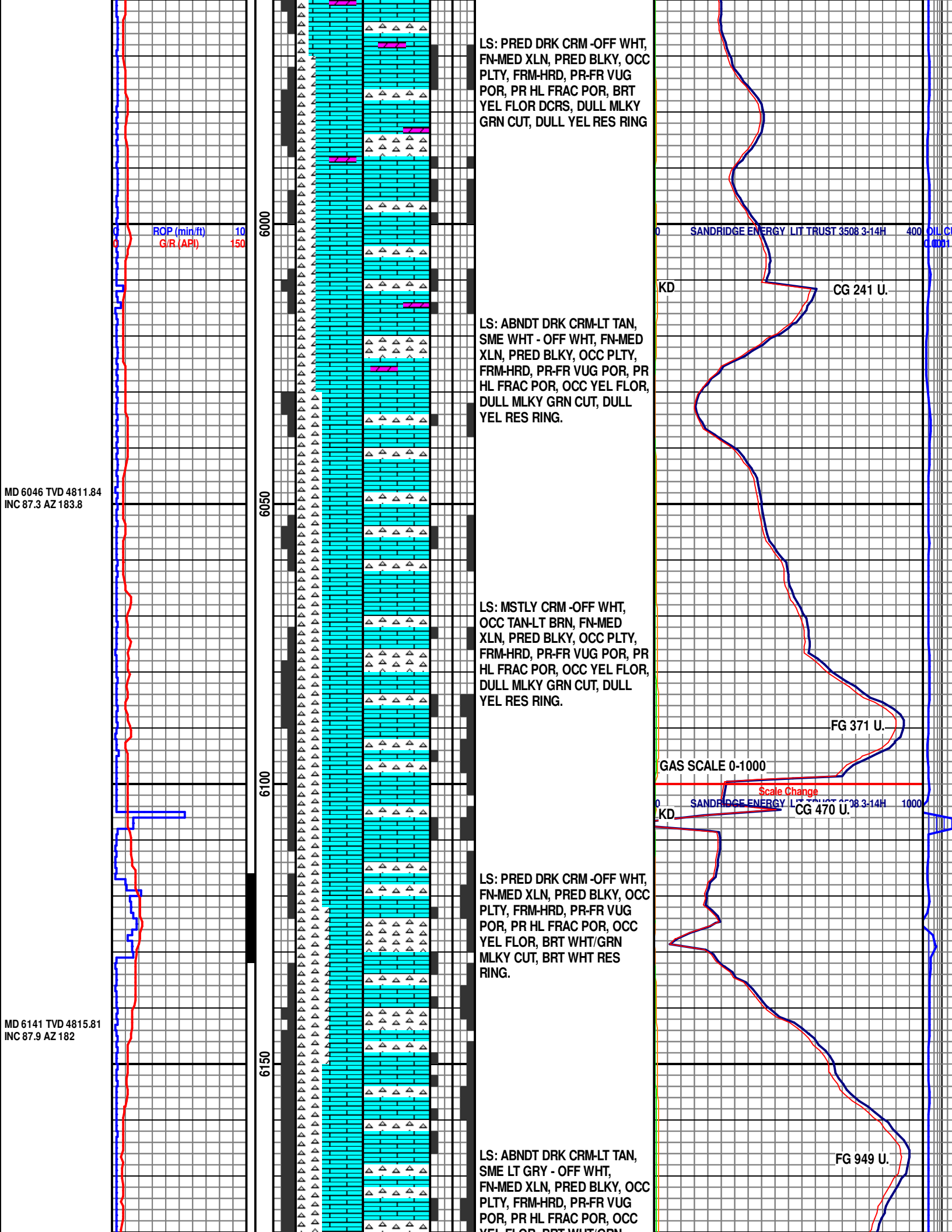


LS: PRED DRK CRM -OFF WHT, OCC TAN, FN-MED XLN, PRED BLKY, OCC PLTY, FRM-HRD, PR-FR VUG POR, PR HL FRAC POR, BRT YEL FLOR, BRT WHT/GRN FLASH CUT, BRT YEL RES RING.

LS: ABNDT DRK CRM-LT TAN, SME WHT - OFF WHT, FN-MED XLN, PRED BLKY, OCC PLTY, FRM-HRD, PR-FR VUG POR, PR HL FRAC POR, BRT YEL FLOR, BRT WHT/GRN FLASH CUT, BRT YEL RES RING.

LS: MSTLY CRM -OFF WHT, OCC TAN-LT BRN, FN-MED XLN, PRED BLKY, OCC PLTY, FRM-HRD, PR-FR VUG POR, PR HL FRAC POR, SCAT BRT YEL FLOR, BRT WHT/GRN FLSH CUT, BRT YEL RES RING.

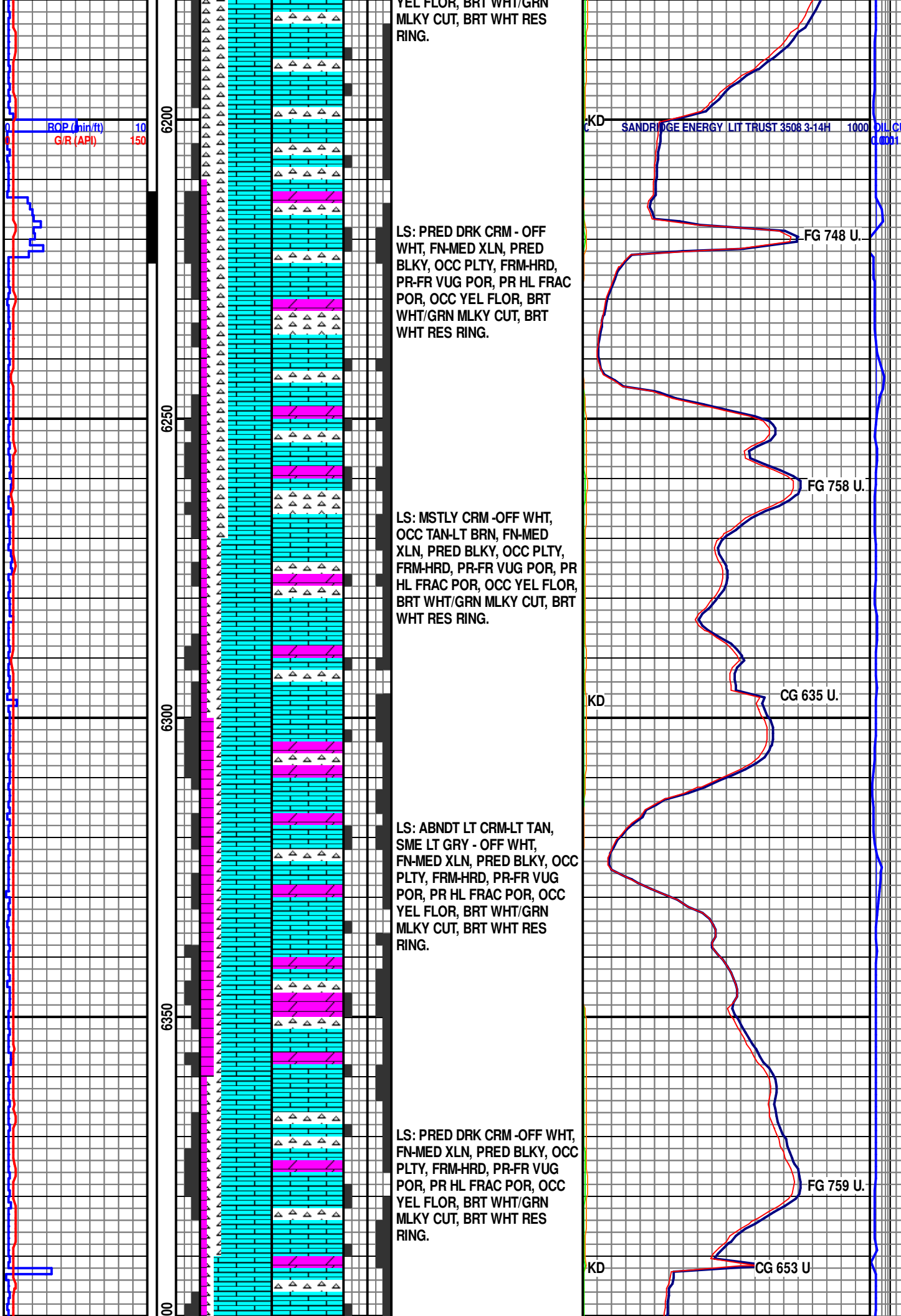
LS: PRED DRK CRM -OFF WHT, OCC TAN, FN-MED XLN, PRED BLKY, OCC PLTY, FRM-HRD, PR-FR VUG POR, PR HL FRAC POR, SCAT BRT YEL FLOR, DULL MLKY GRN CUT, BRT WHT RES RING.

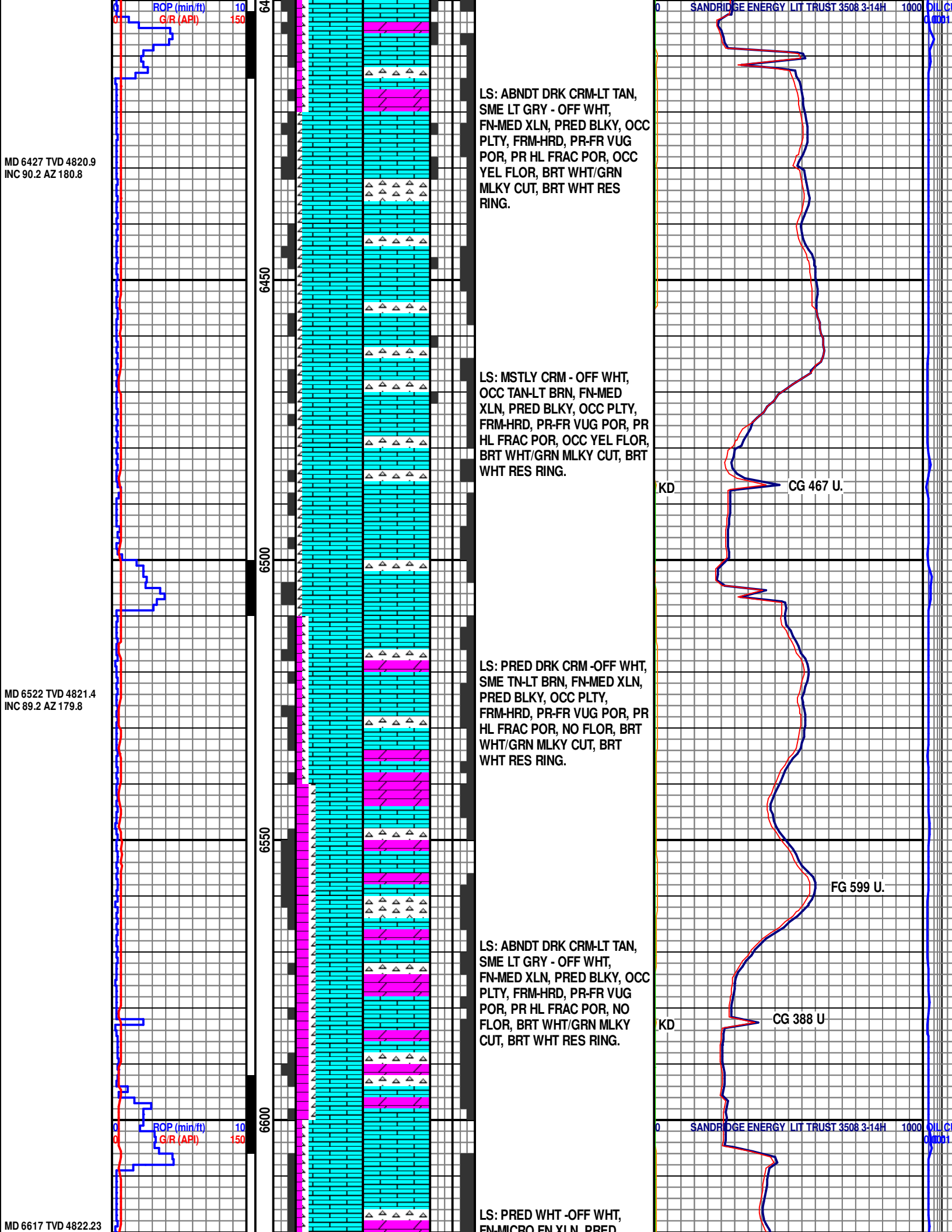

ROP (min/ft) 10
G/R (API) 150
6000
6050
6100
6150
MD 6046 TVD 4811.84
INC 87.3 AZ 183.8
MD 6141 TVD 4815.81
INC 87.9 AZ 182
LS: PRED DRK CRM -OFF WHT, FN-MED XLN, PRED BLKY, OCC PLTY, FRM-HRD, PR-FR VUG POR, PR HL FRAC POR, BRT YEL FLOR DCRS, DULL MLKY GRN CUT, DULL YEL RES RING
LS: ABNDT DRK CRM-LT TAN, SME WHT - OFF WHT, FN-MED XLN, PRED BLKY, OCC PLTY, FRM-HRD, PR-FR VUG POR, PR HL FRAC POR, OCC YEL FLOR, DULL MLKY GRN CUT, DULL YEL RES RING.
LS: MSTLY CRM -OFF WHT, OCC TAN-LT BRN, FN-MED XLN, PRED BLKY, OCC PLTY, FRM-HRD, PR-FR VUG POR, PR HL FRAC POR, OCC YEL FLOR, DULL MLKY GRN CUT, DULL YEL RES RING.
LS: PRED DRK CRM -OFF WHT, FN-MED XLN, PRED BLKY, OCC PLTY, FRM-HRD, PR-FR VUG POR, PR HL FRAC POR, OCC YEL FLOR, BRT WHT/GRN MLKY CUT, BRT WHT RES RING.
LS: ABNDT DRK CRM-LT TAN, SME LT GRY - OFF WHT, FN-MED XLN, PRED BLKY, OCC PLTY, FRM-HRD, PR-FR VUG POR, PR HL FRAC POR, OCC
0 SANDRIDGE ENERGY LIT TRUST 3508 3-14H 400
KD
CG 241 U.
FG 371 U.
GAS SCALE 0-1000
Scale Change
0 SANDRIDGE ENERGY LIT TRUST 3508 3-14H 1000
KD
CG 470 U.
FG 949 U.

7/8/2013 @
6,200' MD

MD 6237 TVD 4819
INC 88.3 AZ 180.8

MD 6332 TVD 4820.74
INC 89.6 AZ 182.1




ROP (min/ft)
G/R (API)
0
10
0
150
6450
6500
6550
6600
SANDRIDGE ENERGY LIT TRUST 3508 3-14H
1000
0
MD 6427 TVD 4820.9
INC 90.2 AZ 180.8
LS: ABNDT DRK CRM-LT TAN, SME LT GRY - OFF WHT, FN-MED XLN, PRED BLKY, OCC PLTY, FRM-HRD, PR-FR VUG POR, PR HL FRAC POR, OCC YEL FLOR, BRT WHT/GRN MLKY CUT, BRT WHT RES RING.
LS: MSTLY CRM - OFF WHT, OCC TAN-LT BRN, FN-MED XLN, PRED BLKY, OCC PLTY, FRM-HRD, PR-FR VUG POR, PR HL FRAC POR, OCC YEL FLOR, BRT WHT/GRN MLKY CUT, BRT WHT RES RING.
KD
CG 467 U.
MD 6522 TVD 4821.4
INC 89.2 AZ 179.8
LS: PRED DRK CRM -OFF WHT, SME TN-LT BRN, FN-MED XLN, PRED BLKY, OCC PLTY, FRM-HRD, PR-FR VUG POR, PR HL FRAC POR, NO FLOR, BRT WHT/GRN MLKY CUT, BRT WHT RES RING.
FG 599 U.
LS: ABNDT DRK CRM-LT TAN, SME LT GRY - OFF WHT, FN-MED XLN, PRED BLKY, OCC PLTY, FRM-HRD, PR-FR VUG POR, PR HL FRAC POR, NO FLOR, BRT WHT/GRN MLKY CUT, BRT WHT RES RING.
KD
CG 388 U
MD 6617 TVD 4822.23
LS: PRED WHT -OFF WHT,

INC 89.8 AZ 178.1

BLKY, OCC PLTY, FRM-HRD, PR-FR VUG POR, PR HL FRAC POR, NO FLOR, BRT WHT-GRN MLKY CUT, BRT WHT RES RING.

FG 633 U.

6650

LS: MSTLY WHT - OFF WHT, FN-MICRO FN XLN, PRED BLKY, OCC PLTY, FRM-HRD, PR-FR VUG POR, PR HL FRAC POR, OCC YEL FLOR, BRT WHT-GRN MLKY CUT, BRT WHT RES RING.

KD

CG 444 U.

6700

MD 6711 TVD 4822.8
INC 89.5 AZ 177.7

LS: MSTLY WHT - OFF WHT, FN-MICRO FN XLN, PRED BLKY, OCC PLTY, FRM-HRD, PR-FR VUG POR, PR HL FRAC POR, OCC YEL FLOR, BRT WHT-GRN MLKY CUT, BRT WHT RES RING.

6750

LS: PRED WHT -OFF WHT, FN-MICRO FN XLN, PRED BLKY, OCC PLTY, FRM-HRD, PR-FR VUG POR, PR HL FRAC POR, NO FLOR, BRT WHT-GRN MLKY CUT, BRT WHT RES RING.

KD

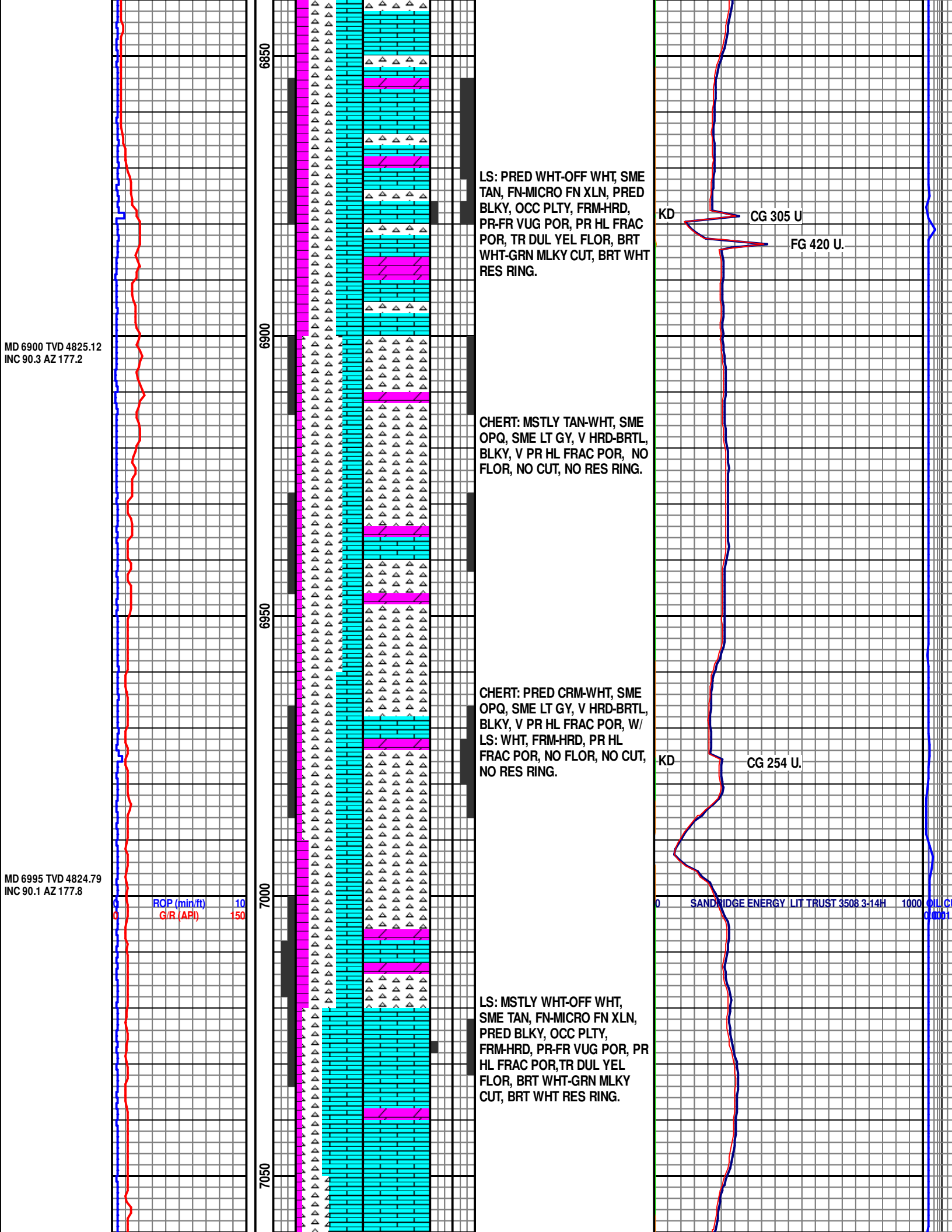
6800

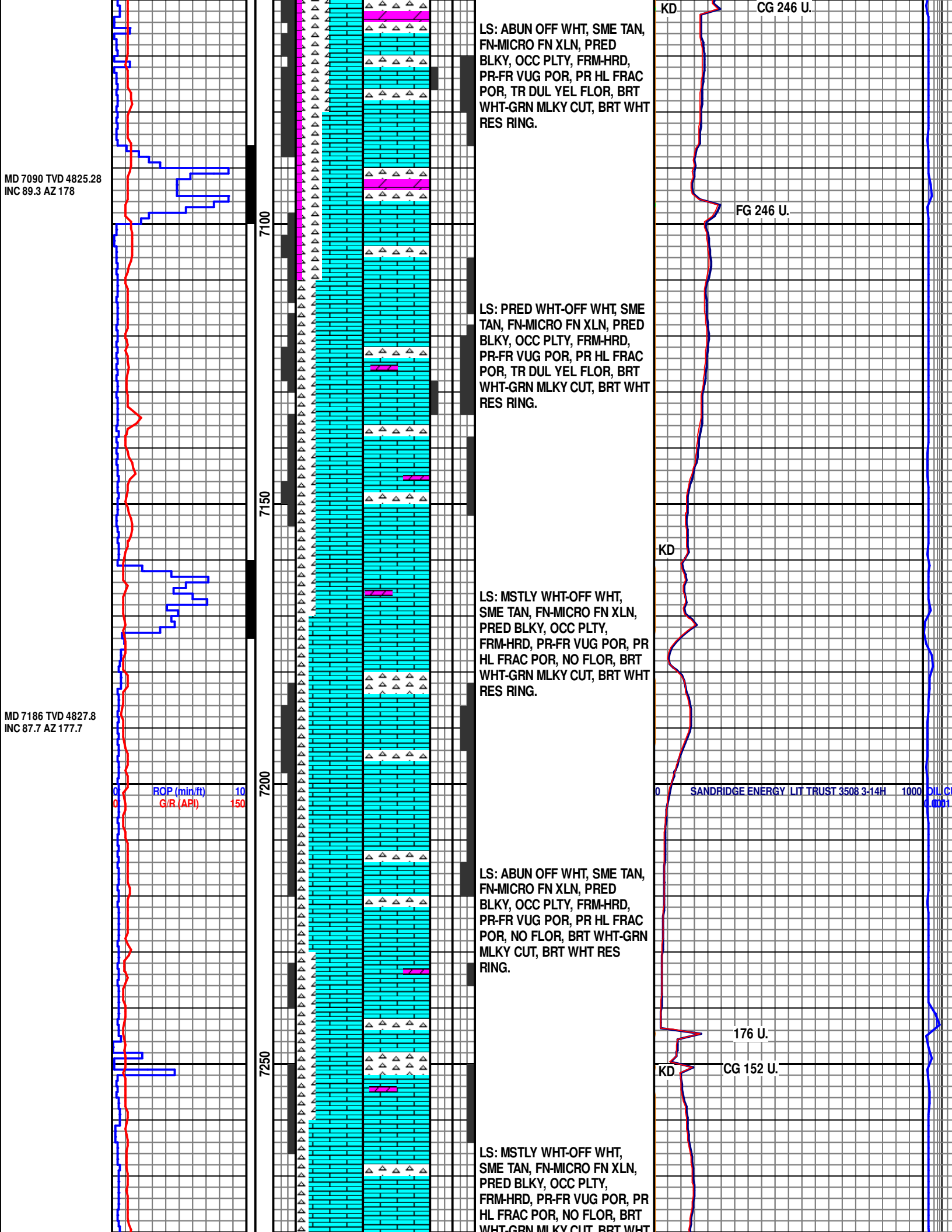
0 ROP (min/ft) 10
0 G/R (API) 150

0 SANDRIDGE ENERGY LIT TRUST 3508 3-14H 1000 DIL CI
0.0001

MD 6806 TVD 4824.3
INC 88.7 AZ 178.3

LS: ABUN WHT - OFF WHT, SME TAN-LT CRM, FN-MICRO FN XLN, PRED BLKY, OCC PLTY, FRM-HRD, PR-FR VUG POR, PR HL FRAC POR, OCC YEL FLOR, BRT WHT-GRN MLKY CUT, BRT WHT RES RING.


6850
6900
6950
7000
7050
MD 6900 TVD 4825.12
INC 90.3 AZ 177.2
MD 6995 TVD 4824.79
INC 90.1 AZ 177.8
ROP (min/ft) 0 10
G/R (API) 0 150
LS: PRED WHT-OFF WHT, SME TAN, FN-MICRO FN XLN, PRED BLKY, OCC PLTY, FRM-HRD, PR-FR VUG POR, PR HL FRAC POR, TR DUL YEL FLOR, BRT WHT-GRN MLKY CUT, BRT WHT RES RING.
CHERT: MSTLY TAN-WHT, SME OPQ, SME LT GY, V HRD-BRTL, BLKY, V PR HL FRAC POR, NO FLOR, NO CUT, NO RES RING.
CHERT: PRED CRM-WHT, SME OPQ, SME LT GY, V HRD-BRTL, BLKY, V PR HL FRAC POR, W/ LS: WHT, FRM-HRD, PR HL FRAC POR, NO FLOR, NO CUT, NO RES RING.
LS: MSTLY WHT-OFF WHT, SME TAN, FN-MICRO FN XLN, PRED BLKY, OCC PLTY, FRM-HRD, PR-FR VUG POR, PR HL FRAC POR,TR DUL YEL FLOR, BRT WHT-GRN MLKY CUT, BRT WHT RES RING.
KD
CG 305 U
FG 420 U.
KD
CG 254 U.
0 SANDRIDGE ENERGY LIT TRUST 3508 3-14H 1000


MD 7090 TVD 4825.28
INC 89.3 AZ 178
MD 7186 TVD 4827.8
INC 87.7 AZ 177.7
ROP (min/ft)
G/R (API)
0
10
150
7100
7150
7200
7250
LS: ABUN OFF WHT, SME TAN, FN-MICRO FN XLN, PRED BLKY, OCC PLTY, FRM-HRD, PR-FR VUG POR, PR HL FRAC POR, TR DUL YEL FLOR, BRT WHT-GRN MLKY CUT, BRT WHT RES RING.
LS: PRED WHT-OFF WHT, SME TAN, FN-MICRO FN XLN, PRED BLKY, OCC PLTY, FRM-HRD, PR-FR VUG POR, PR HL FRAC POR, TR DUL YEL FLOR, BRT WHT-GRN MLKY CUT, BRT WHT RES RING.
LS: MSTLY WHT-OFF WHT, SME TAN, FN-MICRO FN XLN, PRED BLKY, OCC PLTY, FRM-HRD, PR-FR VUG POR, PR HL FRAC POR, NO FLOR, BRT WHT-GRN MLKY CUT, BRT WHT RES RING.
LS: ABUN OFF WHT, SME TAN, FN-MICRO FN XLN, PRED BLKY, OCC PLTY, FRM-HRD, PR-FR VUG POR, PR HL FRAC POR, NO FLOR, BRT WHT-GRN MLKY CUT, BRT WHT RES RING.
LS: MSTLY WHT-OFF WHT, SME TAN, FN-MICRO FN XLN, PRED BLKY, OCC PLTY, FRM-HRD, PR-FR VUG POR, PR HL FRAC POR, NO FLOR, BRT WHT-GRN MLKY CUT, BRT WHT
KD
CG 246 U.
FG 246 U.
KD
0
SANDRIDGE ENERGY LIT TRUST 3508 3-14H
1000
176 U.
KD
CG 152 U.

MD 7280 TVD 4831.49
INC 87.8 AZ 177.7

MD 7375 TVD 4834.97
INC 88 AZ 177.6

MD 7470 TVD 4839.61
INC 86.4 AZ 178.5

0 ROP (min/ft) 10
0 G/R (API) 150

7300
7350
7400
7450

WHT-GRN MLKY CUT, BRT WHT RES RING.

LS: PRED WHT-OFF WHT, SME TAN, FN-MICRO FN XLN, PRED BLKY, OCC PLTY, FRM-HRD, PR-FR VUG POR, PR HL FRAC POR,NO FLOR, BRT WHT-GRN MLKY CUT, BRT WHT RES RING.

KD

LS: ABUN OFF WHT, SME TAN, FN-MICRO FN XLN, PRED BLKY, OCC PLTY, FRM-HRD, PR-FR VUG POR, PR HL FRAC POR, NO FLOR, BRT WHT-GRN MLKY CUT, BRT WHT RES RING.

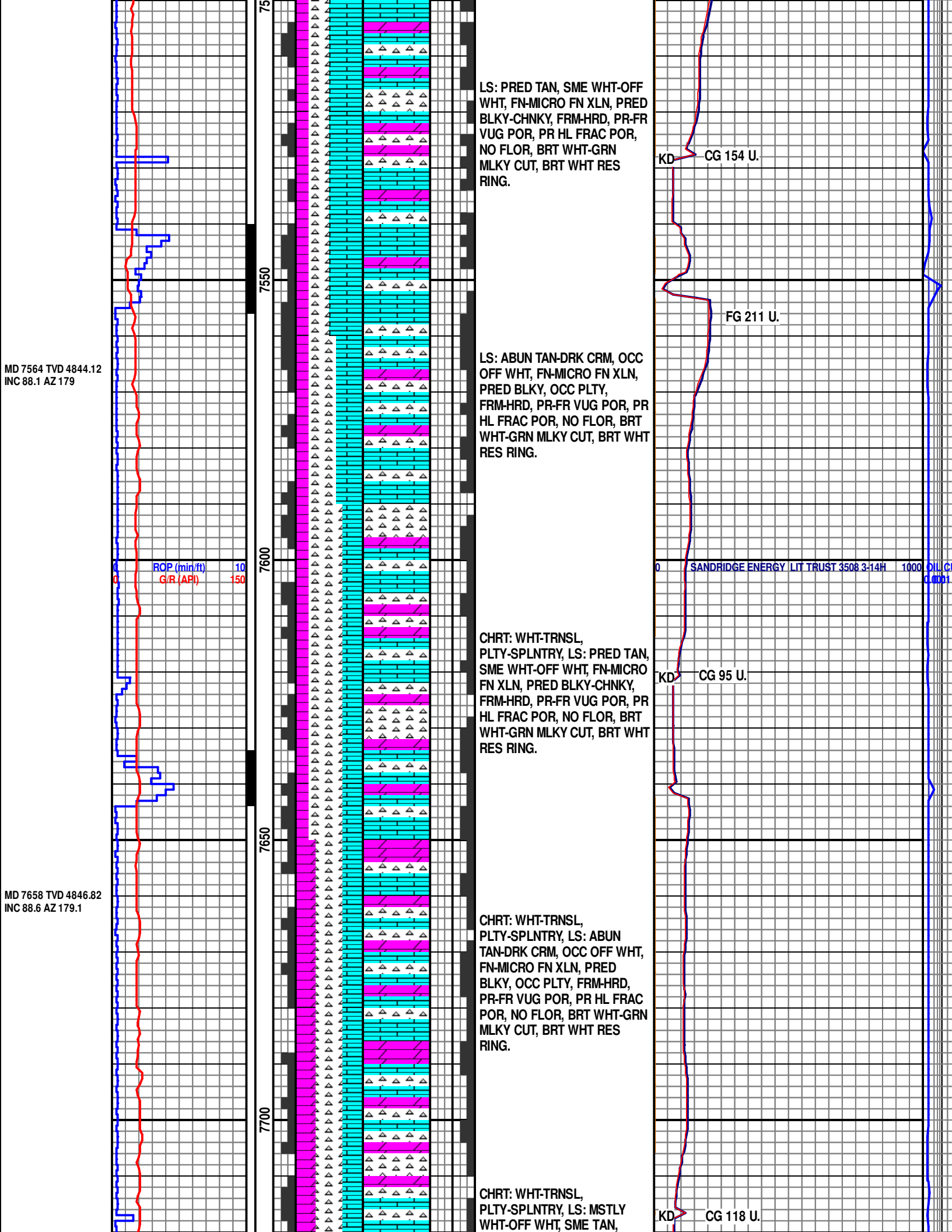
0 SANDRIDGE ENERGY LIT TRUST 3508 3-14H 1000 OIL CI
0.0001

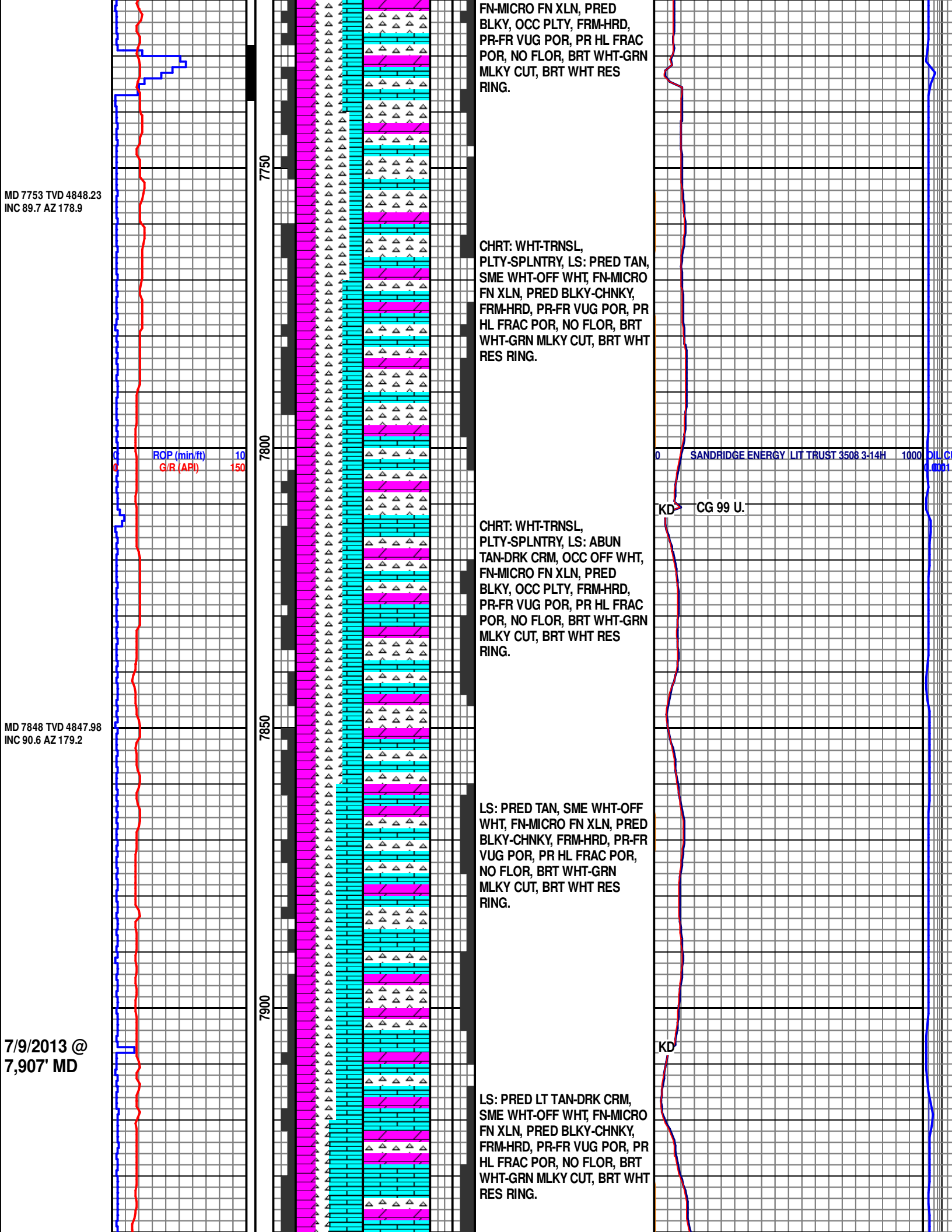
LS: MSTLY WHT-OFF WHT, SME TAN, FN-MICRO FN XLN, PRED BLKY, OCC PLTY, FRM-HRD, PR-FR VUG POR, PR HL FRAC POR, NO FLOR, BRT WHT-GRN MLKY CUT, BRT WHT RES RING.

KD

LS: PRED CRM - OFF WHT, SME TAN, FN-MICRO FN XLN, PRED BLKY, OCC PLTY, FRM-HRD, PR-FR VUG POR, PR HL FRAC POR, NO FLOR, BRT WHT-GRN MLKY CUT, BRT WHT RES RING.

FG 263 U.


MD 7564 TVD 4844.12
INC 88.1 AZ 179
MD 7658 TVD 4846.82
INC 88.6 AZ 179.1
ROP (min/ft)
G/R (API)
0
10
0
150
7550
7600
7650
7700
LS: PRED TAN, SME WHT-OFF WHT, FN-MICRO FN XLN, PRED BLKY-CHNKY, FRM-HRD, PR-FR VUG POR, PR HL FRAC POR, NO FLOR, BRT WHT-GRN MLKY CUT, BRT WHT RES RING.
LS: ABUN TAN-DRK CRM, OCC OFF WHT, FN-MICRO FN XLN, PRED BLKY, OCC PLTY, FRM-HRD, PR-FR VUG POR, PR HL FRAC POR, NO FLOR, BRT WHT-GRN MLKY CUT, BRT WHT RES RING.
CHRT: WHT-TRNSL, PLTY-SPLNTRY, LS: PRED TAN, SME WHT-OFF WHT, FN-MICRO FN XLN, PRED BLKY-CHNKY, FRM-HRD, PR-FR VUG POR, PR HL FRAC POR, NO FLOR, BRT WHT-GRN MLKY CUT, BRT WHT RES RING.
CHRT: WHT-TRNSL, PLTY-SPLNTRY, LS: ABUN TAN-DRK CRM, OCC OFF WHT, FN-MICRO FN XLN, PRED BLKY, OCC PLTY, FRM-HRD, PR-FR VUG POR, PR HL FRAC POR, NO FLOR, BRT WHT-GRN MLKY CUT, BRT WHT RES RING.
CHRT: WHT-TRNSL, PLTY-SPLNTRY, LS: MSTLY WHT-OFF WHT, SME TAN,
KD
CG 154 U.
FG 211 U.
KD
CG 95 U.
KD
CG 118 U.
0
SANDRIDGE ENERGY LIT TRUST 3508 3-14H
1000


FN-MICRO FN XLN, PRED BLKY, OCC PLTY, FRM-HRD, PR-FR VUG POR, PR HL FRAC POR, NO FLOR, BRT WHT-GRN MLKY CUT, BRT WHT RES RING.
MD 7753 TVD 4848.23
INC 89.7 AZ 178.9
7750
CHRT: WHT-TRNSL, PLTY-SPLNTRY, LS: PRED TAN, SME WHT-OFF WHT, FN-MICRO FN XLN, PRED BLKY-CHNKY, FRM-HRD, PR-FR VUG POR, PR HL FRAC POR, NO FLOR, BRT WHT-GRN MLKY CUT, BRT WHT RES RING.
0
ROP (min/ft)
10
0
G/R (API)
150
7800
0
SANDRIDGE ENERGY LIT TRUST 3508 3-14H
1000
KD
CG 99 U.
CHRT: WHT-TRNSL, PLTY-SPLNTRY, LS: ABUN TAN-DRK CRM, OCC OFF WHT, FN-MICRO FN XLN, PRED BLKY, OCC PLTY, FRM-HRD, PR-FR VUG POR, PR HL FRAC POR, NO FLOR, BRT WHT-GRN MLKY CUT, BRT WHT RES RING.
MD 7848 TVD 4847.98
INC 90.6 AZ 179.2
7850
LS: PRED TAN, SME WHT-OFF WHT, FN-MICRO FN XLN, PRED BLKY-CHNKY, FRM-HRD, PR-FR VUG POR, PR HL FRAC POR, NO FLOR, BRT WHT-GRN MLKY CUT, BRT WHT RES RING.
7900
7/9/2013 @
7,907' MD
KD
LS: PRED LT TAN-DRK CRM, SME WHT-OFF WHT, FN-MICRO FN XLN, PRED BLKY-CHNKY, FRM-HRD, PR-FR VUG POR, PR HL FRAC POR, NO FLOR, BRT WHT-GRN MLKY CUT, BRT WHT RES RING.

MD 7942 TVD 4847.66
INC 89.8 AZ 179

7950

FG 182 U.

LS: ABUN TAN-DRK CRM, OCC OFF WHT, FN-MICRO FN XLN, PRED BLKY, OCC PLTY, FRM-HRD, PR-FR VUG POR, PR HL FRAC POR, NO FLOR, BRT WHT-GRN MLKY CUT, BRT WHT RES RING.

8000

ROP (min/ft) 10
0 G/R (API) 150

KD

SANDRIDGE ENERGY LIT TRUST 3508 3-14H 1000 OIL CI
0.0001

CHRT: WHT-TRNSL, PLTY-SPLNTRY, LS: MSTLY WHT-OFF WHT, SME TAN, FN-MICRO FN XLN, PRED BLKY, OCC PLTY, FRM-HRD, PR-FR VUG POR, PR HL FRAC POR, OCC BRT YEL FLOR, BRT WHT-GRN MLKY CUT, BRT WHT RES RING.

MD 8036 TVD 4848.15
INC 89.6 AZ 179.2

8050

FG 219 U.

CHRT: WHT-TRNSL, PLTY-SPLNTRY, LS: PRED TAN, SME WHT-OFF WHT, FN-MICRO FN XLN, PRED BLKY-CHNKY, FRM-HRD, PR-FR VUG POR, PR HL FRAC POR, OCC BRT YEL FLOR, BRT WHT-GRN MLKY CUT, BRT WHT RES RING.

KD

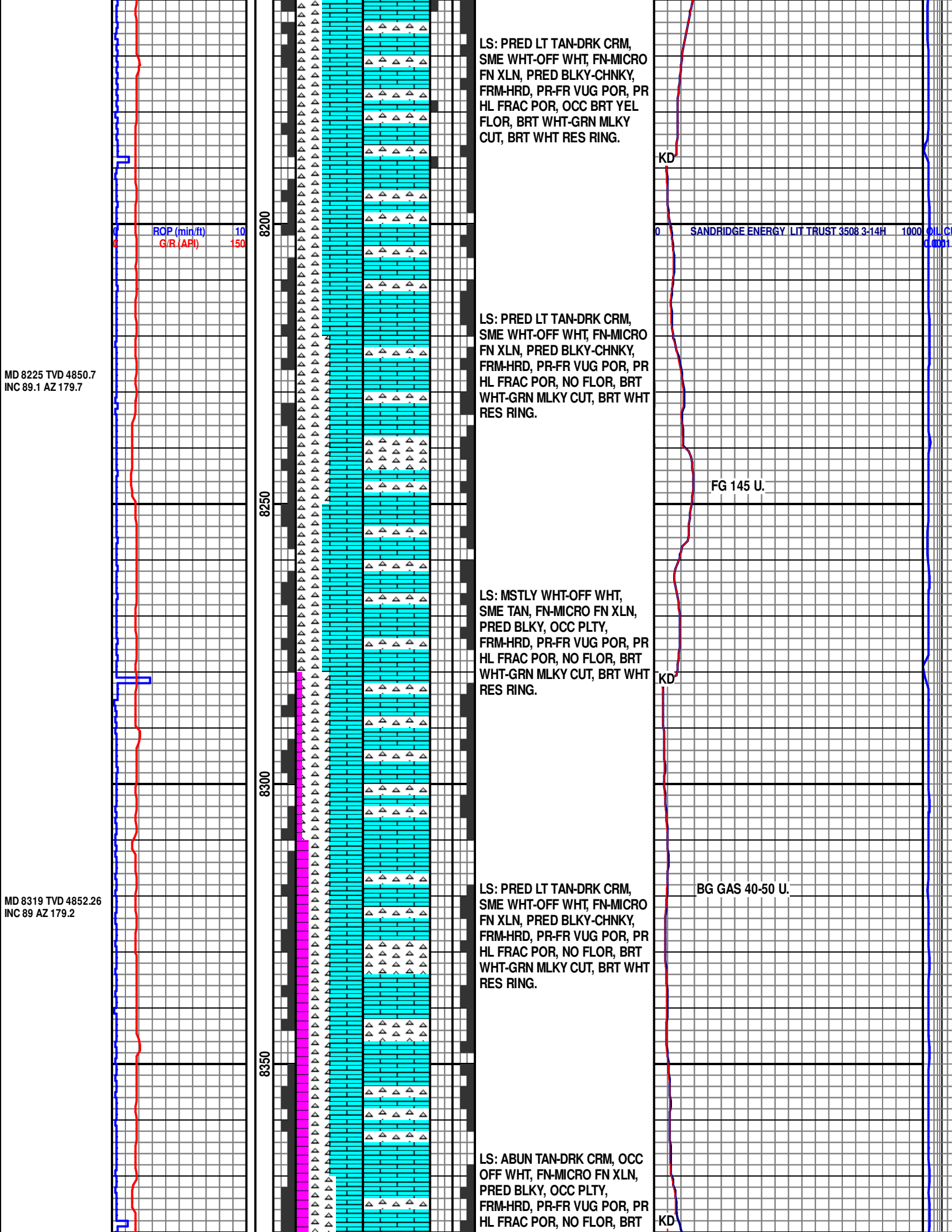
CG 171 U.

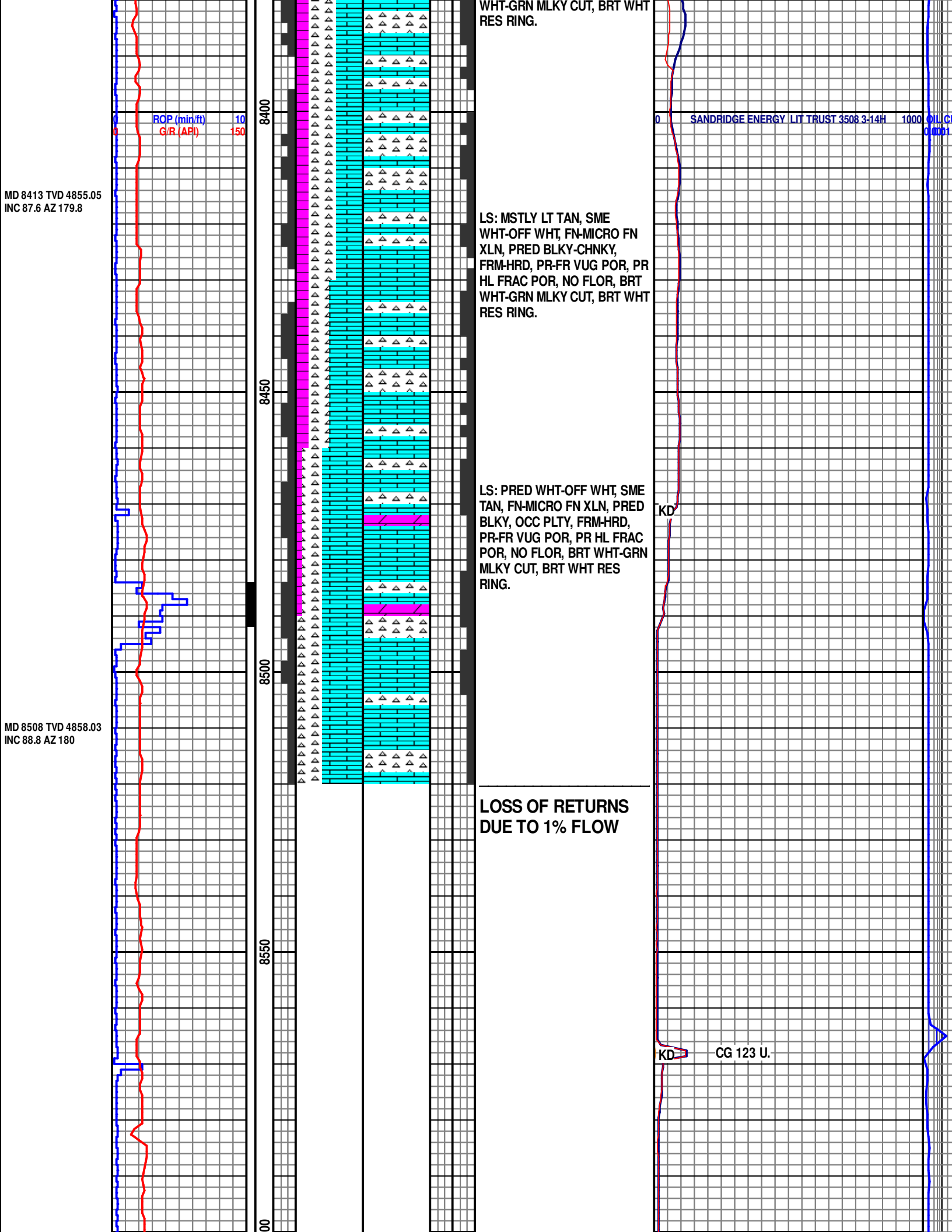
8100

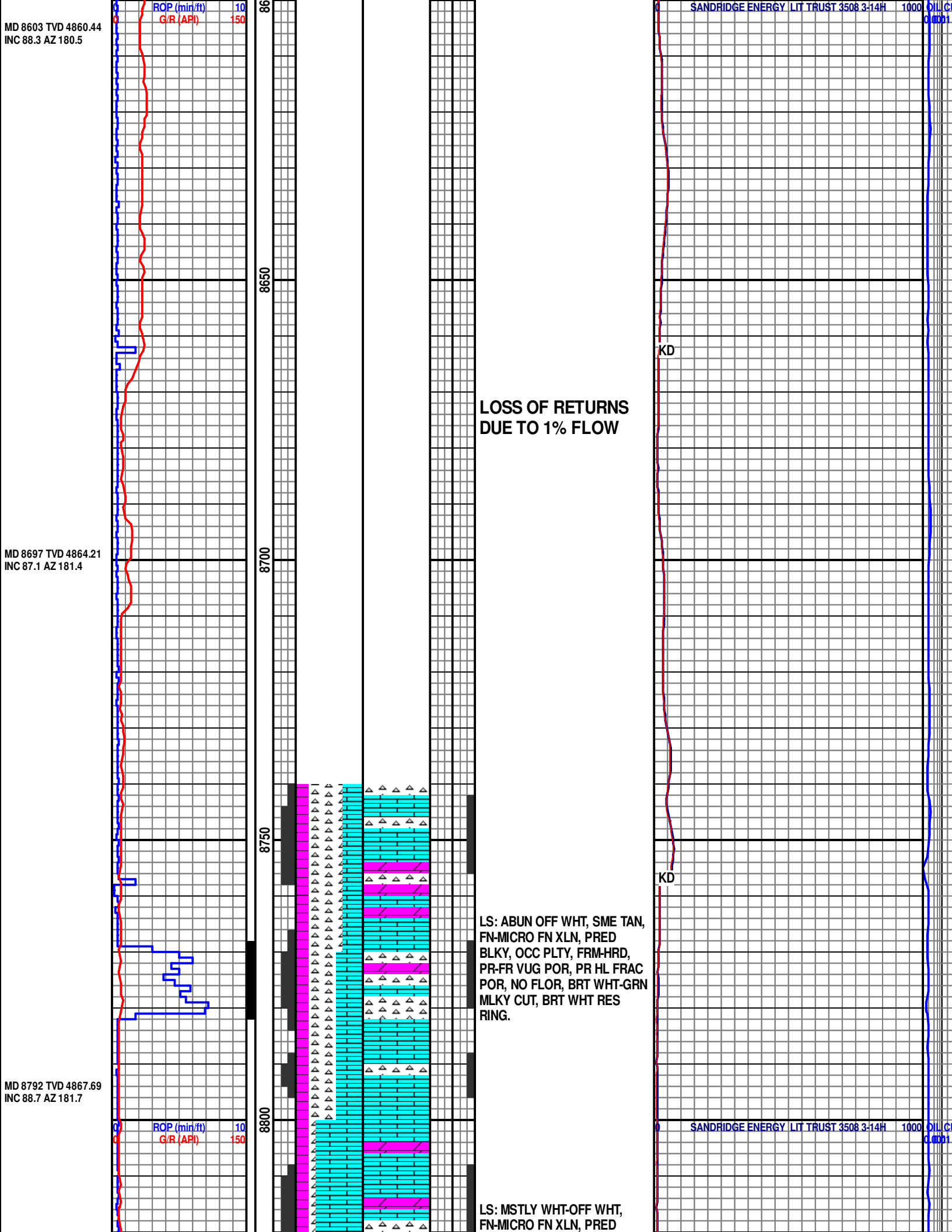
CHRT: WHT-TRNSL, PLTY-SPLNTRY, LS: MSTLY WHT-OFF WHT, SME TAN, FN-MICRO FN XLN, PRED BLKY, OCC PLTY, FRM-HRD, PR-FR VUG POR, PR HL FRAC POR, OCC BRT YEL FLOR, BRT WHT-GRN MLKY CUT, BRT WHT RES RING.

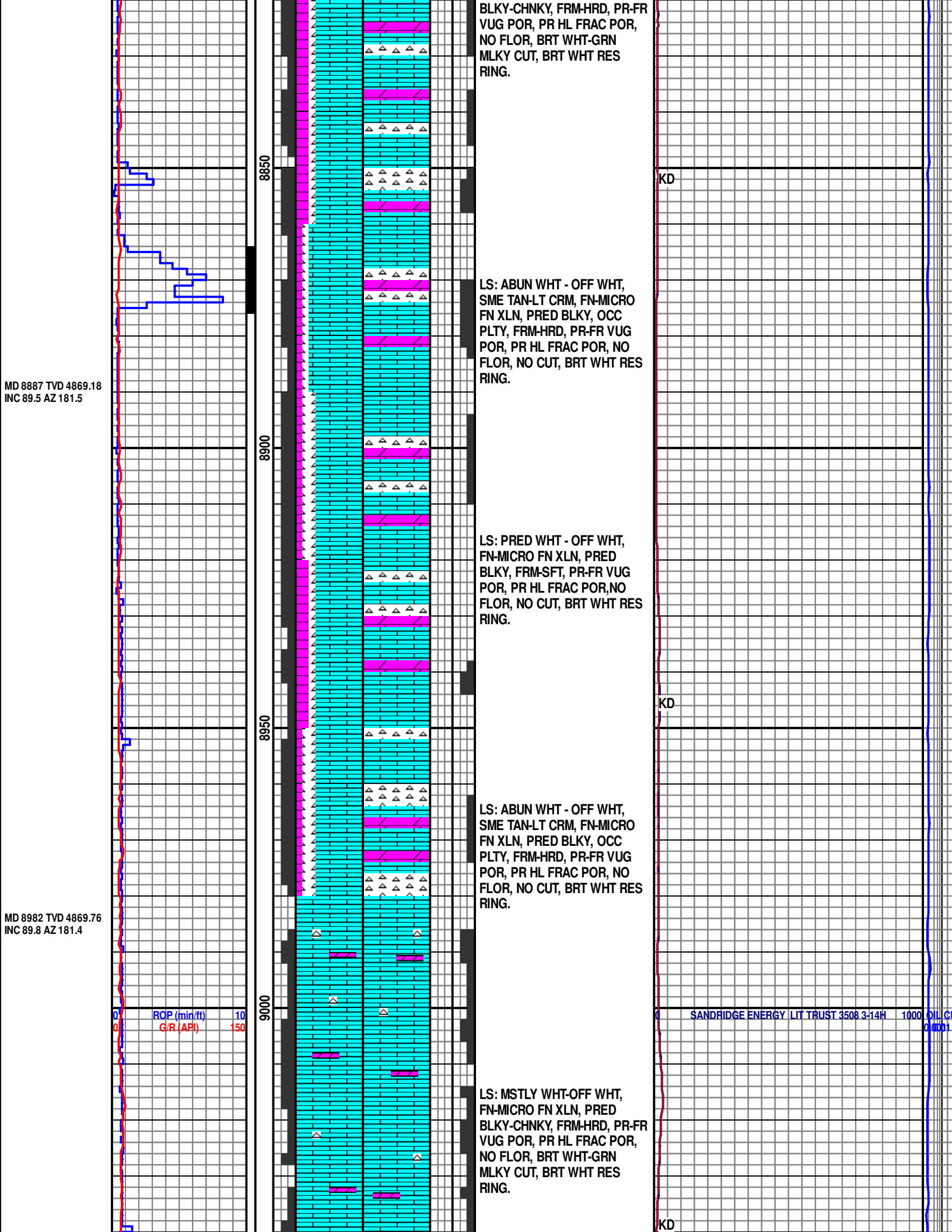
MD 8131 TVD 4849.23
INC 89.1 AZ 179.4

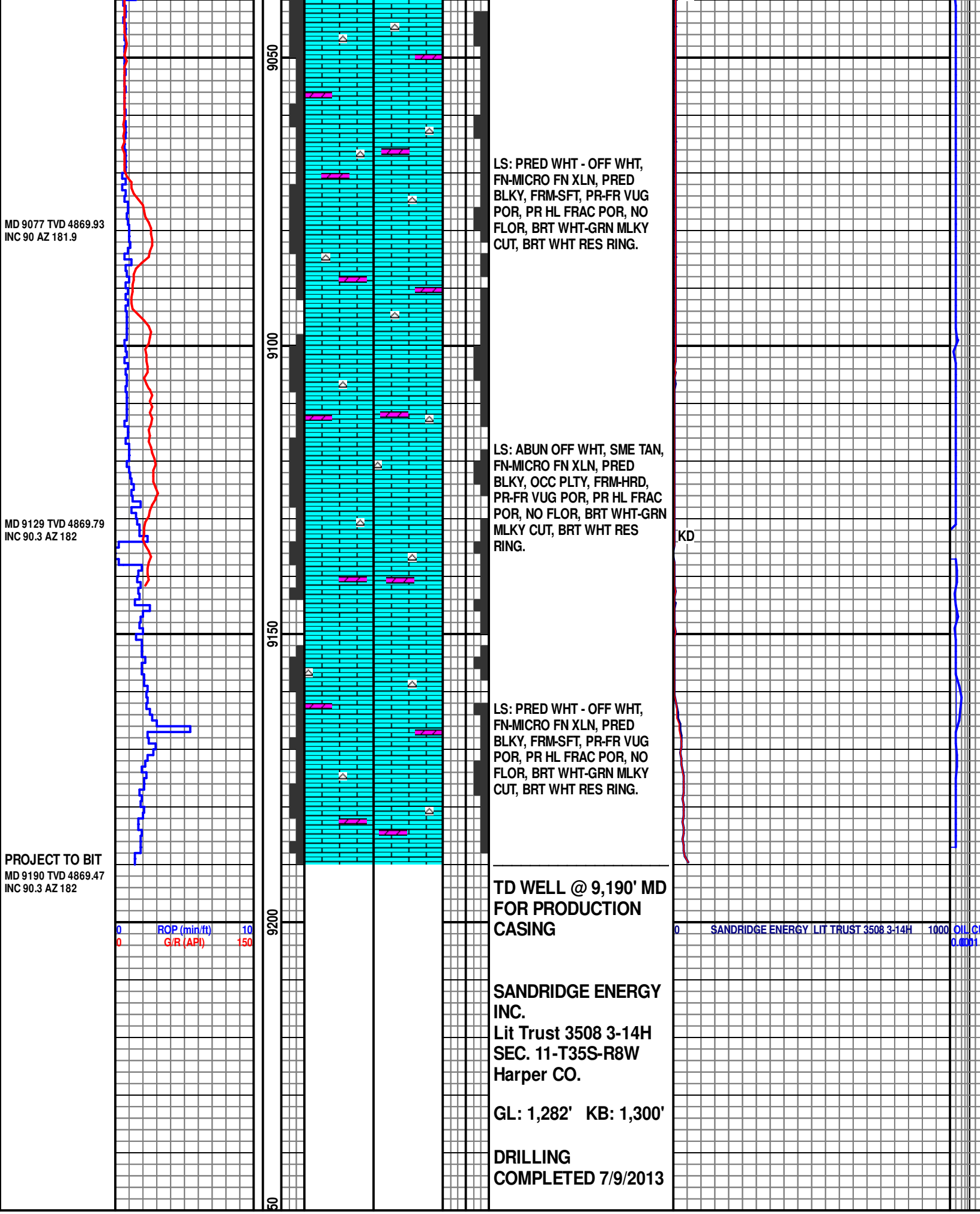
8150


ROP (min/ft) 10
G/R (API) 150
8200
8250
8300
8350
MD 8225 TVD 4850.7
INC 89.1 AZ 179.7
MD 8319 TVD 4852.26
INC 89 AZ 179.2
LS: PRED LT TAN-DRK CRM, SME WHT-OFF WHT, FN-MICRO FN XLN, PRED BLKY-CHNKY, FRM-HRD, PR-FR VUG POR, PR HL FRAC POR, OCC BRT YEL FLOR, BRT WHT-GRN MLKY CUT, BRT WHT RES RING.
LS: PRED LT TAN-DRK CRM, SME WHT-OFF WHT, FN-MICRO FN XLN, PRED BLKY-CHNKY, FRM-HRD, PR-FR VUG POR, PR HL FRAC POR, NO FLOR, BRT WHT-GRN MLKY CUT, BRT WHT RES RING.
LS: MSTLY WHT-OFF WHT, SME TAN, FN-MICRO FN XLN, PRED BLKY, OCC PLTY, FRM-HRD, PR-FR VUG POR, PR HL FRAC POR, NO FLOR, BRT WHT-GRN MLKY CUT, BRT WHT RES RING.
LS: PRED LT TAN-DRK CRM, SME WHT-OFF WHT, FN-MICRO FN XLN, PRED BLKY-CHNKY, FRM-HRD, PR-FR VUG POR, PR HL FRAC POR, NO FLOR, BRT WHT-GRN MLKY CUT, BRT WHT RES RING.
LS: ABUN TAN-DRK CRM, OCC OFF WHT, FN-MICRO FN XLN, PRED BLKY, OCC PLTY, FRM-HRD, PR-FR VUG POR, PR HL FRAC POR, NO FLOR, BRT
KD
KD
KD
0 SANDRIDGE ENERGY LIT TRUST 3508 3-14H 1000
FG 145 U.
BG GAS 40-50 U.


ROP (min/ft)
10
G/R (API)
150
8400
8450
8500
8550
MD 8413 TVD 4855.05
INC 87.6 AZ 179.8
MD 8508 TVD 4858.03
INC 88.8 AZ 180
WHT-GRN MLKY CUT, BRT WHT RES RING.
LS: MSTLY LT TAN, SME WHT-OFF WHT, FN-MICRO FN XLN, PRED BLKY-CHNKY, FRM-HRD, PR-FR VUG POR, PR HL FRAC POR, NO FLOR, BRT WHT-GRN MLKY CUT, BRT WHT RES RING.
LS: PRED WHT-OFF WHT, SME TAN, FN-MICRO FN XLN, PRED BLKY, OCC PLTY, FRM-HRD, PR-FR VUG POR, PR HL FRAC POR, NO FLOR, BRT WHT-GRN MLKY CUT, BRT WHT RES RING.
LOSS OF RETURNS DUE TO 1% FLOW
SANDRIDGE ENERGY LIT TRUST 3508 3-14H
1000
KD
KD
CG 123 U.


MD 8603 TVD 4860.44
INC 88.3 AZ 180.5
ROP (min/ft) 10
G/R (API) 150
8650
LOSS OF RETURNS
DUE TO 1% FLOW
SANDRIDGE ENERGY LIT TRUST 3508 3-14H 1000
KD
MD 8697 TVD 4864.21
INC 87.1 AZ 181.4
8700
8750
KD
LS: ABUN OFF WHT, SME TAN,
FN-MICRO FN XLN, PRED
BLKY, OCC PLTY, FRM-HRD,
PR-FR VUG POR, PR HL FRAC
POR, NO FLOR, BRT WHT-GRN
MLKY CUT, BRT WHT RES
RING.
MD 8792 TVD 4867.69
INC 88.7 AZ 181.7
8800
ROP (min/ft) 10
G/R (API) 150
SANDRIDGE ENERGY LIT TRUST 3508 3-14H 1000
LS: MSTLY WHT-OFF WHT,
FN-MICRO FN XLN, PRED


BLKY-CHNKY, FRM-HRD, PR-FR VUG POR, PR HL FRAC POR, NO FLOR, BRT WHT-GRN MLKY CUT, BRT WHT RES RING.
8850
KD
LS: ABUN WHT - OFF WHT, SME TAN-LT CRM, FN-MICRO FN XLN, PRED BLKY, OCC PLTY, FRM-HRD, PR-FR VUG POR, PR HL FRAC POR, NO FLOR, NO CUT, BRT WHT RES RING.
MD 8887 TVD 4869.18
INC 89.5 AZ 181.5
8900
LS: PRED WHT - OFF WHT, FN-MICRO FN XLN, PRED BLKY, FRM-SFT, PR-FR VUG POR, PR HL FRAC POR,NO FLOR, NO CUT, BRT WHT RES RING.
KD
8950
LS: ABUN WHT - OFF WHT, SME TAN-LT CRM, FN-MICRO FN XLN, PRED BLKY, OCC PLTY, FRM-HRD, PR-FR VUG POR, PR HL FRAC POR, NO FLOR, NO CUT, BRT WHT RES RING.
MD 8982 TVD 4869.76
INC 89.8 AZ 181.4
9000
0
ROP (min/ft)
10
0
G/R (API)
150
0
SANDRIDGE ENERGY LIT TRUST 3508 3-14H
1000
LS: MSTLY WHT-OFF WHT, FN-MICRO FN XLN, PRED BLKY-CHNKY, FRM-HRD, PR-FR VUG POR, PR HL FRAC POR, NO FLOR, BRT WHT-GRN MLKY CUT, BRT WHT RES RING.
KD


MD 9077 TVD 4869.93
INC 90 AZ 181.9
MD 9129 TVD 4869.79
INC 90.3 AZ 182
PROJECT TO BIT
MD 9190 TVD 4869.47
INC 90.3 AZ 182
0 ROP (min/ft) 10
0 G/R (API) 150
9050
9100
9150
9200
LS: PRED WHT - OFF WHT, FN-MICRO FN XLN, PRED BLKY, FRM-SFT, PR-FR VUG POR, PR HL FRAC POR, NO FLOR, BRT WHT-GRN MLKY CUT, BRT WHT RES RING.
LS: ABUN OFF WHT, SME TAN, FN-MICRO FN XLN, PRED BLKY, OCC PLTY, FRM-HRD, PR-FR VUG POR, PR HL FRAC POR, NO FLOR, BRT WHT-GRN MLKY CUT, BRT WHT RES RING.
KD
LS: PRED WHT - OFF WHT, FN-MICRO FN XLN, PRED BLKY, FRM-SFT, PR-FR VUG POR, PR HL FRAC POR, NO FLOR, BRT WHT-GRN MLKY CUT, BRT WHT RES RING.
TD WELL @ 9,190' MD FOR PRODUCTION CASING
SANDRIDGE ENERGY INC.
Lit Trust 3508 3-14H
SEC. 11-T35S-R8W
Harper CO.
GL: 1,282' KB: 1,300'
DRILLING COMPLETED 7/9/2013
0 SANDRIDGE ENERGY LIT TRUST 3508 3-14H 1000
OIL CI
0.0001