



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: JENNIFER 3408 4-34H
Location: SECTION 34, T34S, R8W, HARPER COUNTY, KANSAS
License Number: 1507721902
Spud Date: 1/29/2013
Surface Coordinates: 225' FSL & 660' FEL of Section 34, T34S, R8W
Region: Region:
Drilling Completed: 2/9/2013
Bottom Hole Coordinates: 330'FNL & 660' FEL of Section 34, T34S, R8W
Ground Elevation (ft): 1270
Logged Interval (ft): 3400 To: 9141.3
Formation: MISSISSIPPI
Type of Drilling Fluid: WATER/GEL
K.B. Elevation (ft): 1288
Total Depth (ft): 9141.3

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

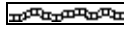
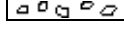
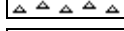
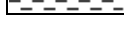
Cores

DSTs

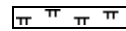
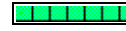
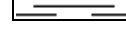
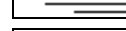
Comments

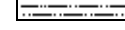
Logged By: Kris Carroll / Charles Minyard

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
 Boundst
 Chalky
 Cryxln
 Earthy
 Finexln
 Grainst
 Lithogr
 Microxln
 Mudst
 Packst
 Wackest

OTHER SYMBOLS

POROSITY

-  Earthy
-  Fenest
-  Fracture
-  Inter
-  Moldic
-  Organic
-  Pinpoint
-  Vuggy
-  New symbol

-  New symbol
-  Sndylm
-  New symbol

SORTING

-  Well
-  Moderate
-  Poor

ROUNDING

-  Rounded
-  Subrnd
-  Subang
-  Angular

OIL SHOW

-  Even
-  Spotted
-  Ques

-  Dead

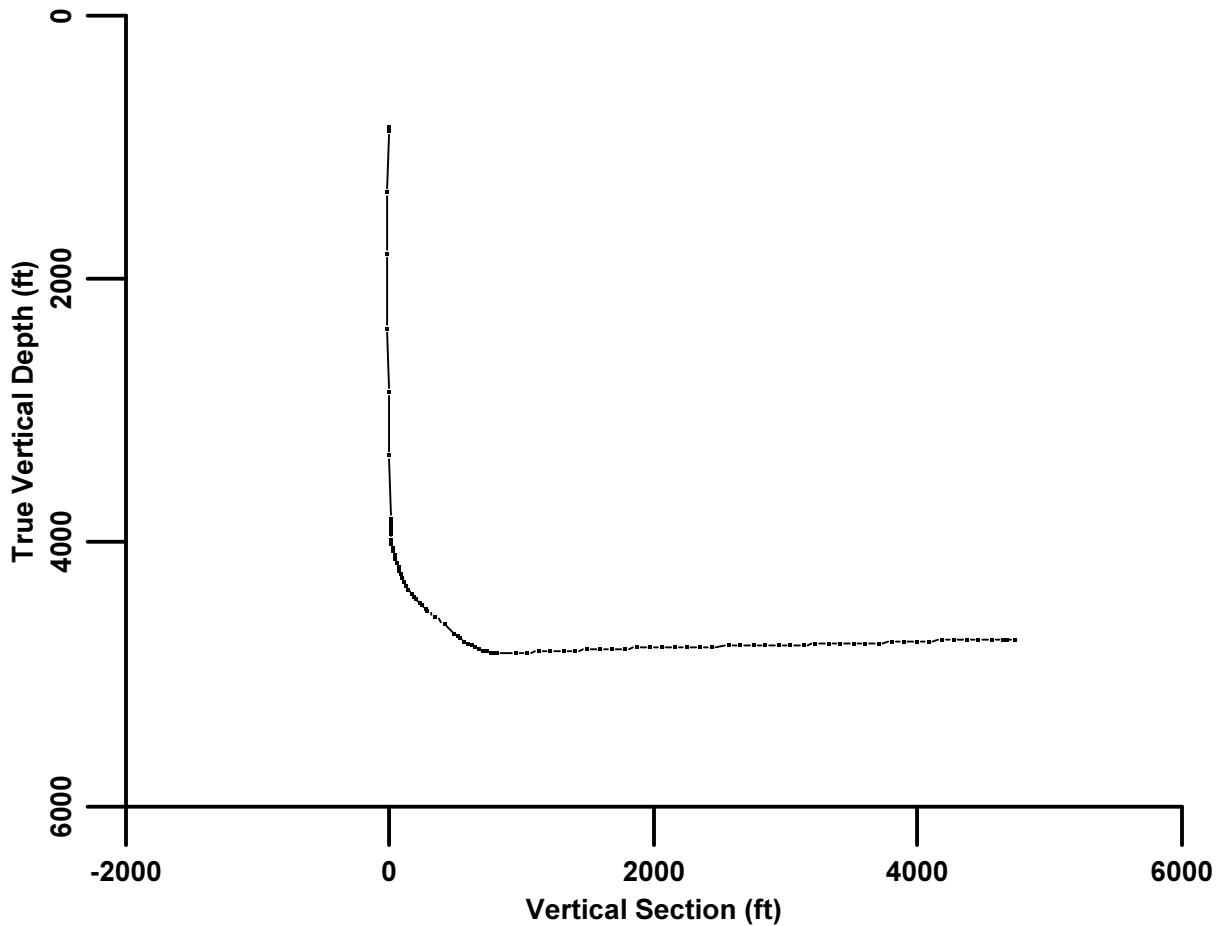
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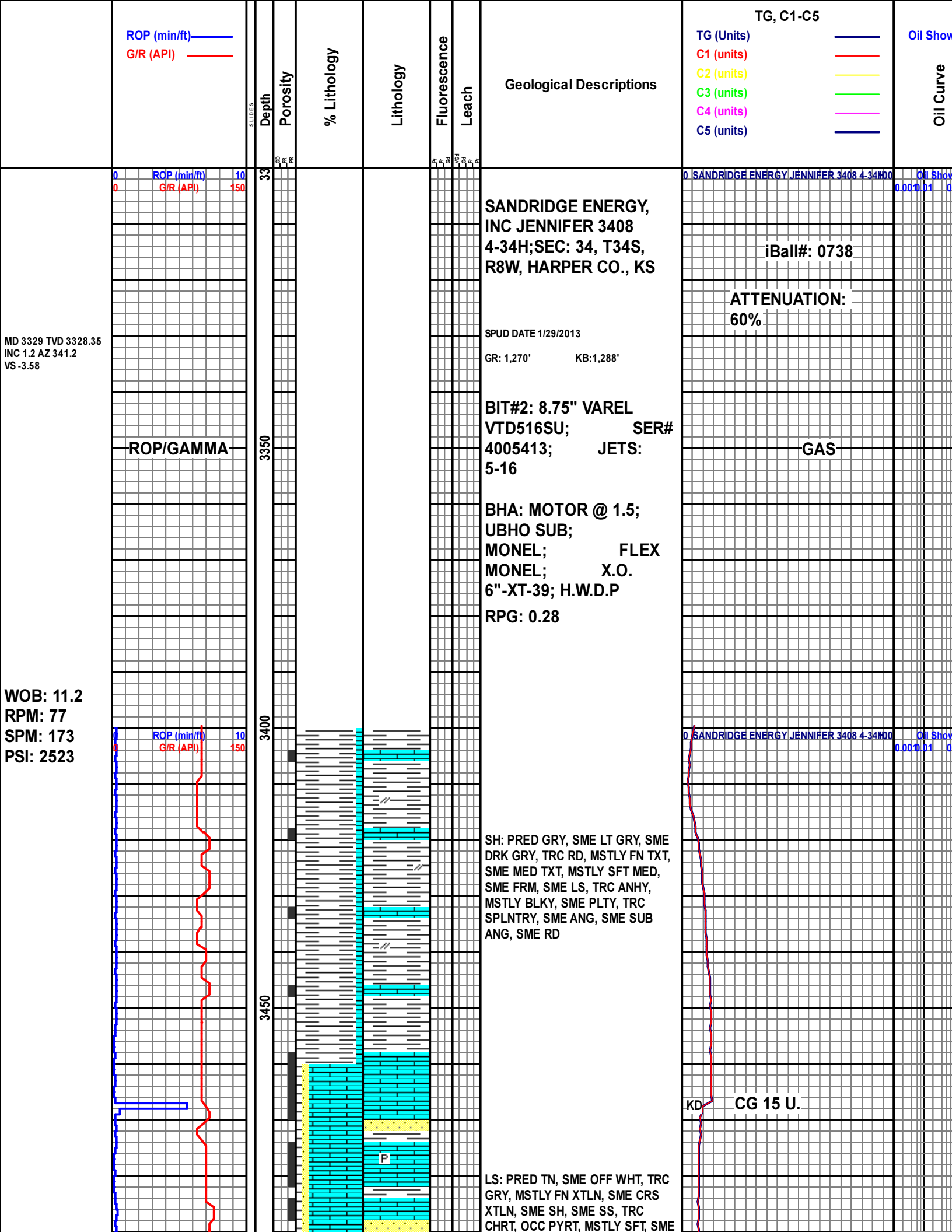
-  Core
-  Dst

EVENT

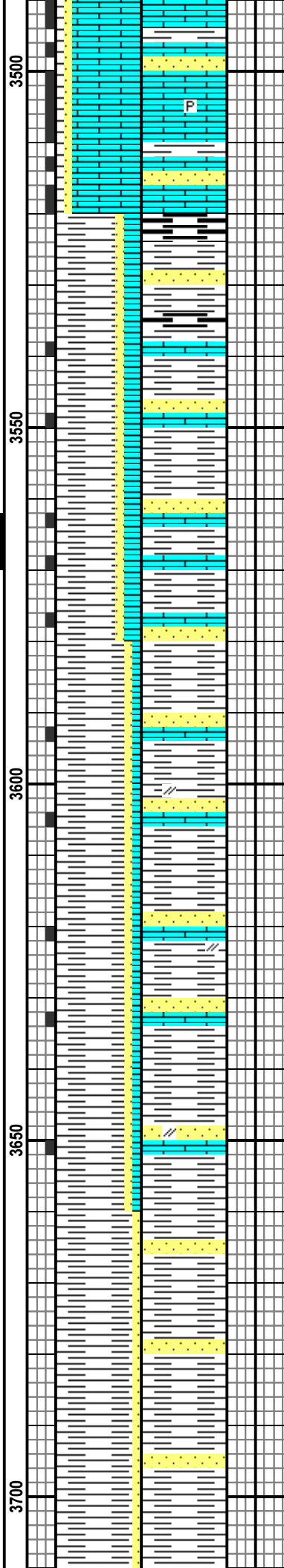
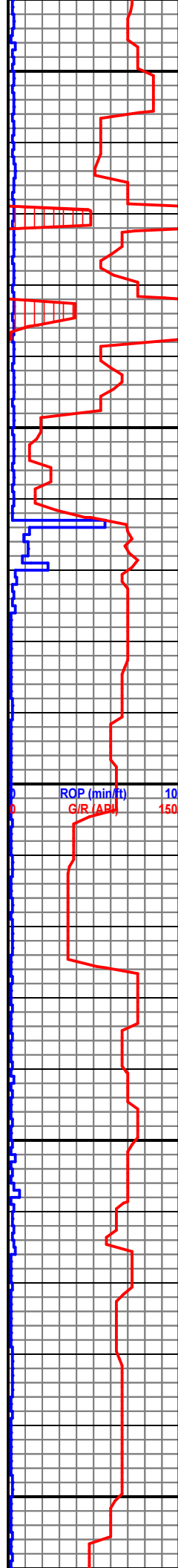
-  Rft
-  Sidewall

Elevation





WOB: 20
RPM: 74
SPM: 167
PSI: 2693



FRM, SME HL FRC, NO VIS FLOR,
NO CUT, NO RES RNG

BASE HEEBNER @ 3,520'
MD (-2,250')

SH: PRED GRY, SME DRK GRY,
SME LT GRY, OCC RD, MSTLY FN
TXT, SME MED TXT, MSTLY SFT
MED, SME FRM, SME LS, SME SS,
SME CRB SH, SME PLTY, SME
BLKY, SME ANG, SME SUB ANG,
TRC RD

SH: PRED LT GRY, SME GRY, SME
DRK GRY, MSTLY MED TXT, SME
FN TXT, MSTLY SFT MED, SME
FRM, SME LS, SME SS, OCC ANHY,
MSTLY BLKY, SME PLTY, TRC
SPLNTRY, SME SUB ANG, SME
ANG, TRC RD

SH: PRED GRY, SME LT GRY, SME
DRK GRY, TRC RED, MSTLY MED
TXT, SME CRS TXT, SME FN TXT,
MSTLY SFT MED, SME FRM, SME
SS, SME BLKY, SME PLTY, SME
SPLNTRY, SME ANG, SME SUB
ANG, TRC RD

FG 28 U.

KD CG 18 U.

FG 28 U.

KD

0 SANDRIDGE ENERGY JENNIFER 3408 4-34 KD00 Oil Shov 0.00 0.01 0

WOB: 25.5
RPM: 78
SPM: 167
PSI: 2769

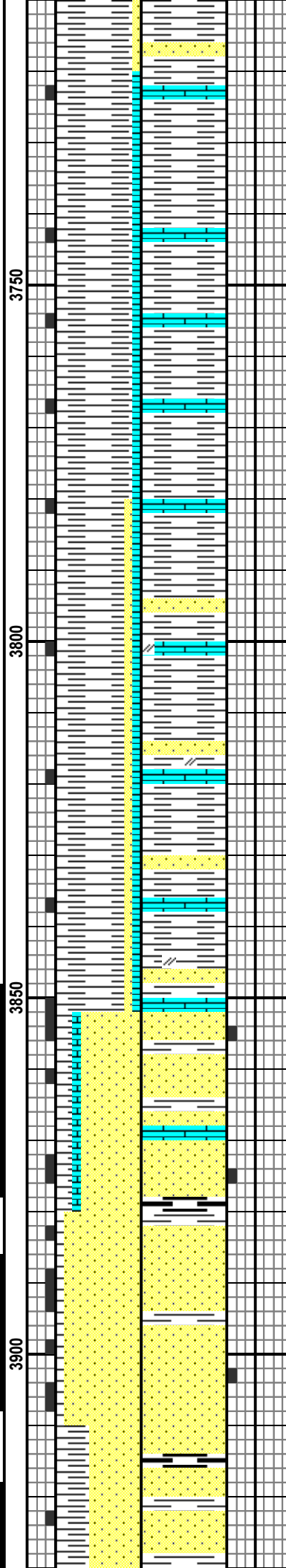
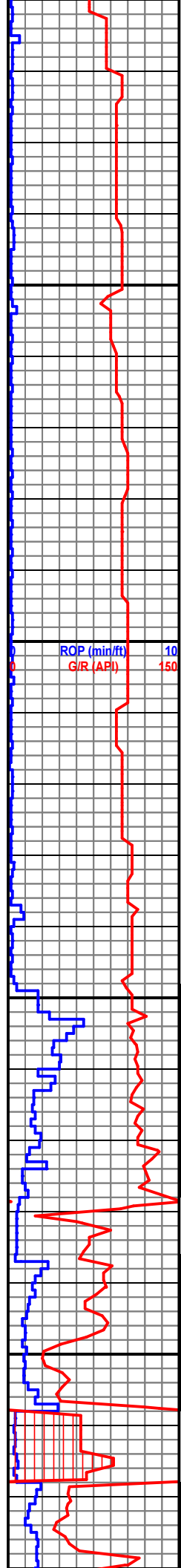
MD 3805 TVD 3804.31
INC 0.4 AZ 258.1
VS 0.94

MD 3838 TVD 3837.31
INC 0.8 AZ 289
VS 1.01

02/02/2013

MD 3869 TVD 3868.3
INC 2.3 AZ 305.6
VS 1.47

MD 3901 TVD 3900.24
INC 4.5 AZ 318.3
VS 2.85



SH: PRED DRK GRY, SME LT GRY, SME GRY, TRC RD, MSTLY FN TXT, SME V FN TXT, SME MED TXT, MSTLY SFT MED, SME FRM, SME LS, SME PLTY, SME BLKY, SME ANG, SME SUB ANG, SME RD

SH: PRED GRY, SME LT GRY, SME DRK GRY, TRC RD, MSTLY MED TXT, SME FN TXT, TRC V FN TXT, MSTLY FRM, SME SFT MED, SME SS, SME LS, TRC ANHY, SME BLKY, SME PLTY, TRC SPLTRY, SME ANG, SME SUB ANG, SME RD

TOH @ 3,852' FOR DIR TOOLS

LANSING @ 3,854' MD (-2,584')

BIT# 3: 8.75"
HALLIBURTON SER# 12101737; JETS: 5-16S

MOTOR @ 1.5; UBHO SUB; FLEX MONEL; X.O. 6"-XT-39; H.W.D.P.

SS: MSTLY OPQ WHT, SME LT TAN, PRED UNCON, SME FRI, MSTLY WL RND, TR SUB ANG, MSTLY FN, MOD WL SRT; SH: PRED LT GY, SLTY - SNDY, SFT, CHNKY; SCAT WHT FLOR, NO VIS CUT, NO RES RING

FG 32 U.

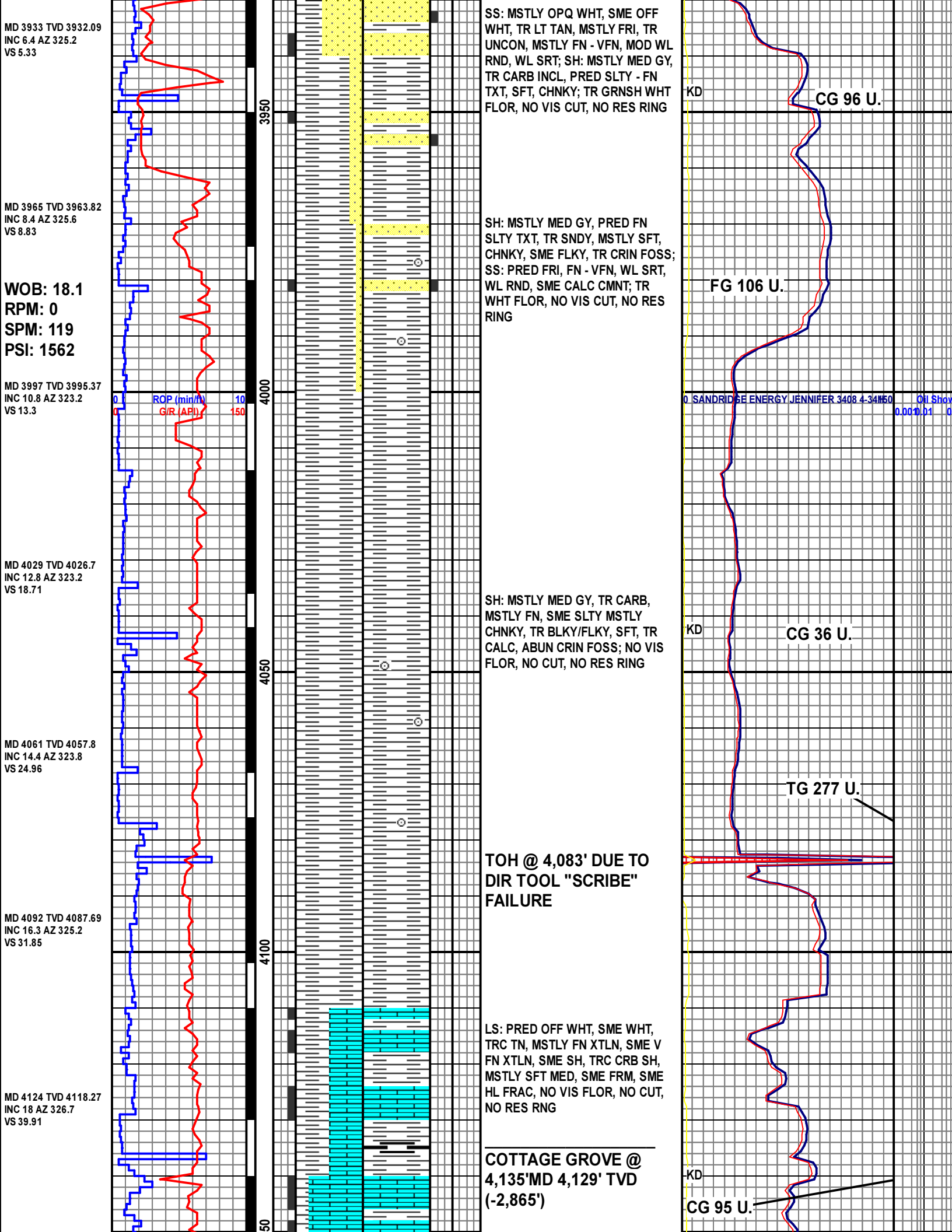
GAS RANGE CHANGED TO 0-150

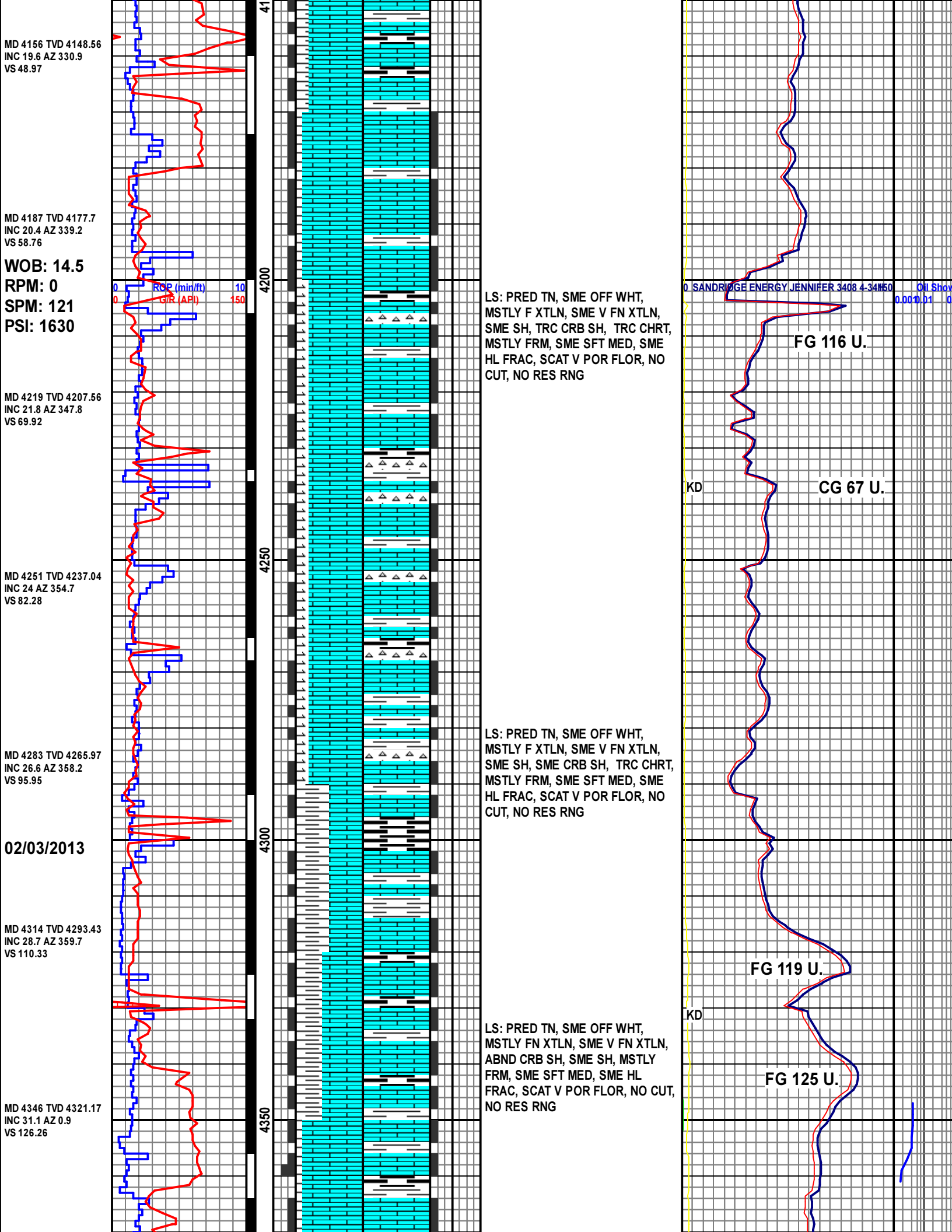
Scale Change

DTG 44 U.

FG 112 U.

TRIP GAS 356 U.





MD 4379 TVD 4349.03
INC 33.7 AZ 1.6
VS 143.9

WOB: 27.4
RPM: 0
SPM: 117
PSI: 1645

MD 4410 TVD 4374.51
INC 35.7 AZ 0.7
VS 161.5

MD 4442 TVD 4400.17
INC 37.7 AZ 0.7
VS 180.59

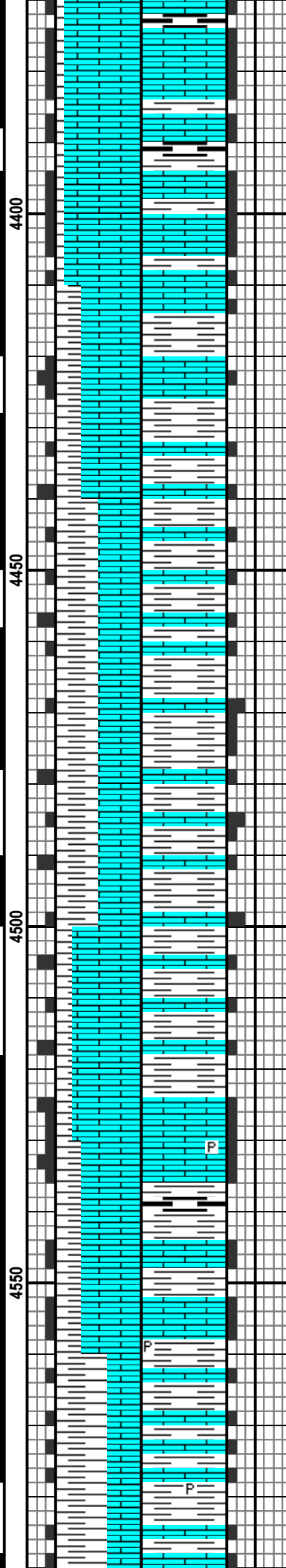
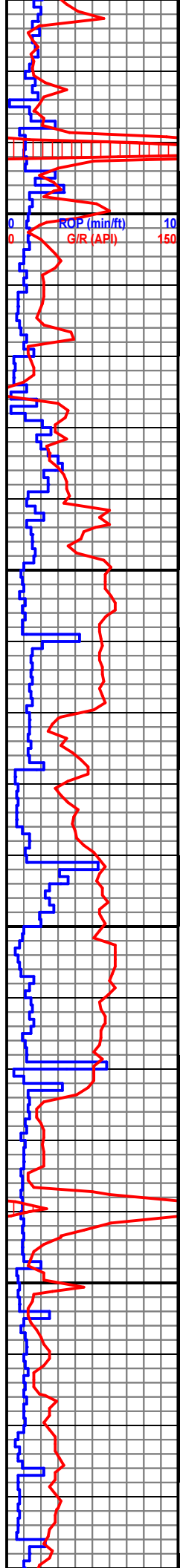
MD 4473 TVD 4424.33
INC 39.9 AZ 0.9
VS 199.98

MD 4505 TVD 4448.47
INC 42.1 AZ 1.3
VS 220.93

MD 4537 TVD 4471.7
INC 44.8 AZ 1.2
VS 242.89

MD 4569 TVD 4493.99
INC 46.9 AZ 0.1
VS 265.81

WOB: 26.4
RPM: 0



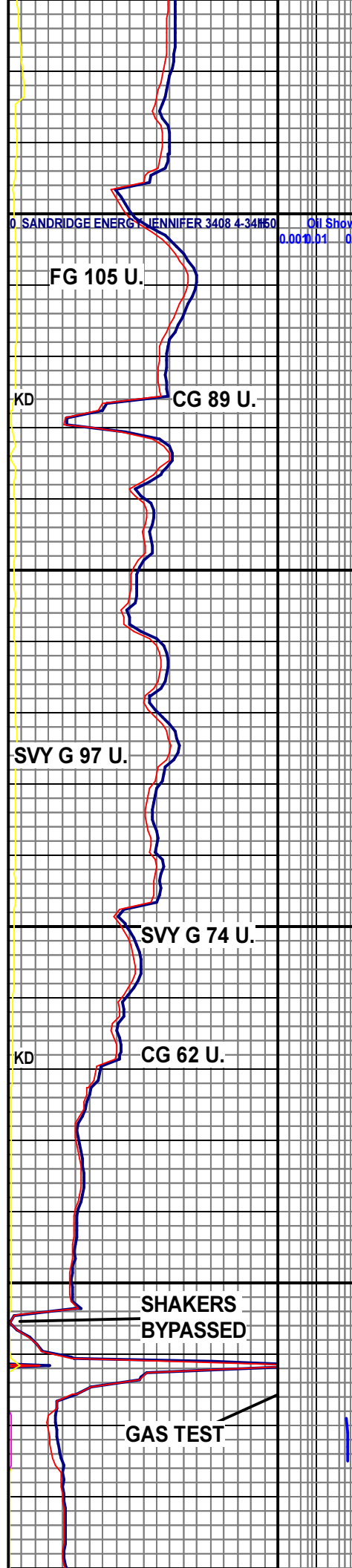
LS: PRED TN, SME WHT, SME OFF
WHT, MSTLY MED XTLN, SME FN
XTLN, SME V FN XTLN, SME SH,
SME CRB SH, MSTLY FRM, SME
SFT MED, TRC HRD, SME HL FRAC,
SCAT V POR FLOR, NO CUT, NO
RES RNG

SH: MSTLY OFF WHT - LT GY, TR
MED GY, MSTLY FN SLTY TXT, TR
VFN SNDY, SME CARB INCL,
MSTLY CHNKY, TR FLKY, SFT -
FRM; LS: MSTLY BLSH GY, SME
OFF WHT, SME LT TAN, PRED FN
TXT, SME CRPXLN, PRED SUC,
FRM, TR SFT; SME WHT FLOR, NO
VIS CUT, NO RES RING

LS: PRED OFF WHT - LT GY, TR LT
TAN, MSTLY FN TXT, INC CRPXLN,
ABUN SUC, MSTLY BLKY, SME
FLKY, SME CHNKY, FM - VRY FRM,
SME BRTL; SH: PRED MED GY -
DRK GY, SCAT CARB, PRED FN,
SME VFN TXT, PRED CHNKY, SME
FLKY/FIS, SCAT BLKY; SCAT
GRNSH FLOR, NO CUT, NO RES
RING

OSWEGO@ 4,539'MD
4,472'TVD (- 3,204)

LS: PRED OFF WHT, SME LT GY,
MSTLY FN TXT, SCAT CRPXLN,
PRED SUC, FRM, BRAC & OOD
FOS, ; DOL: OFF WHT - LT CRM,



0 SANDRIDGE ENERGY JENNIFER 3408 4-341150 Oil Show 0.00101 0

FG 105 U.
KD CG 89 U.

SVY G 97 U.

SVY G 74 U.

KD CG 62 U.

SHAKERS
BYPASSED

GAS TEST

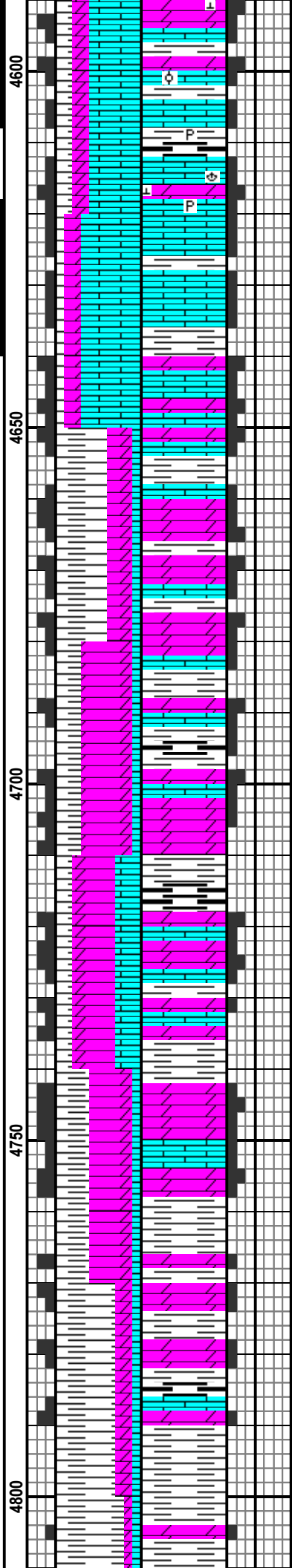
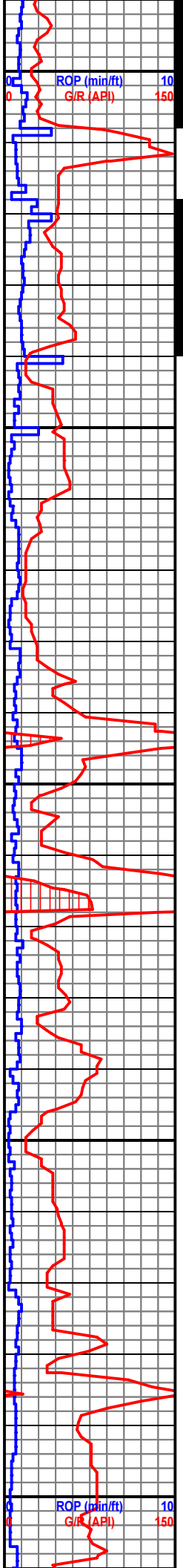
SPM: 164
PSI: 2492

MD 4601 TVD 4515.42
INC 49 AZ 359.1
VS 289.55

MD 4664 TVD 4555.75
INC 51.4 AZ 359.2
VS 337.93

MD 4759 TVD 4615.6
INC 50.5 AZ 358.1
VS 411.68

WOB: 27.2
RPM: 28
SPM: 160
PSI: 2683



PRED SLTY TXT, SUC, FRM; SH:
PRED LT GY, TR CARB, FRM, PRED
FLKY/FISL, SFT, WXY LUST; ABUN
BRT GRN FLOR, NO VIS CUT, NO
RES RING

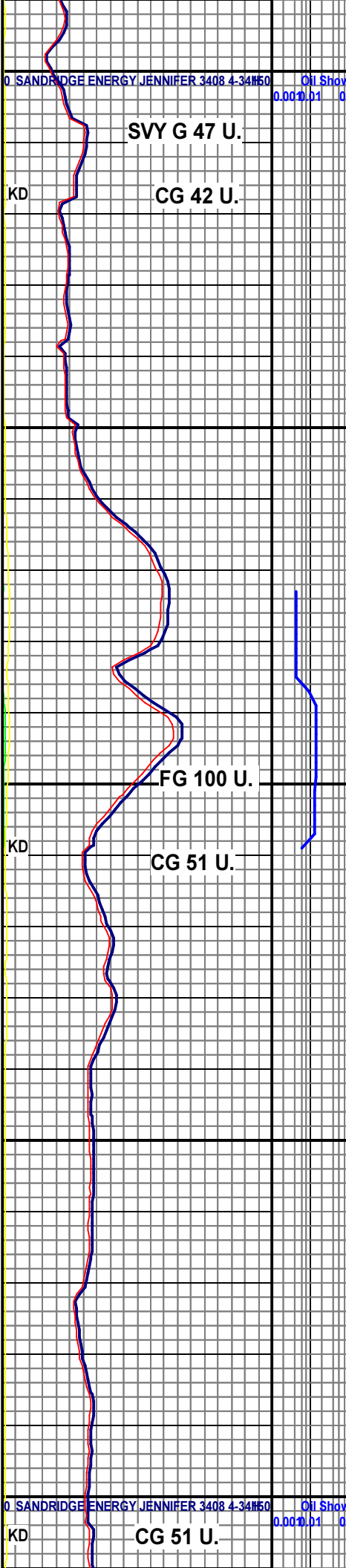
SH: MSTLY CARB BLK, SME DRK
GY, PRED VFN TXT, FRM, BRTL,
PLTY; DOL: OFF WHT - CRM, TR LT
TAN, MSTLY FN TXT, TR CRPXLN,
SUC, FRM, CHNKY/BLKY; LS: PRED
OFF WHT, FN TXT, FRM; TR GRNSH
FLOR, NO VIS CUT, NO RES RING

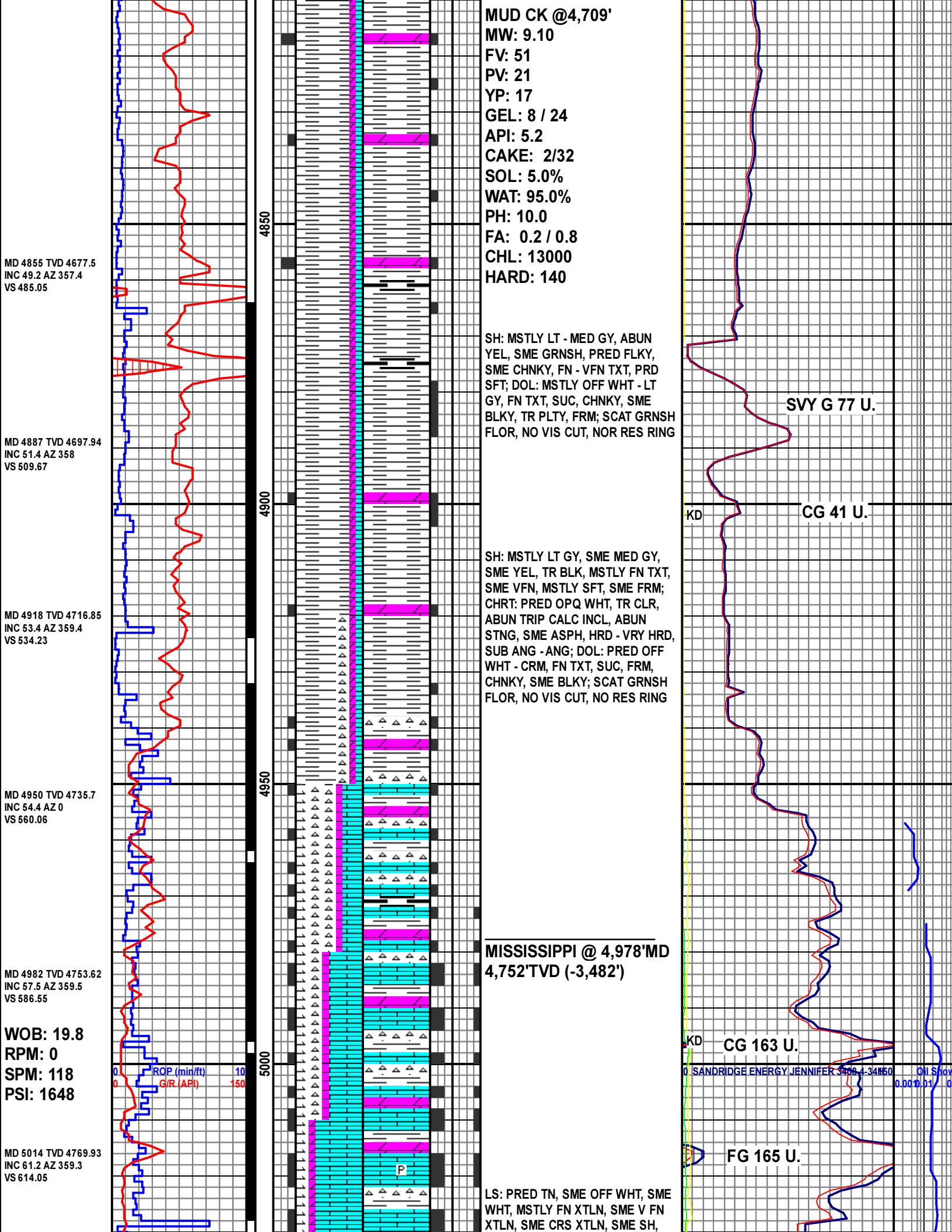
CHEROKEE@ 4,693'MD
4,574'TVD (-3,304)

DOL: MSTLY OFF WHT - CRM, SME
LT GY, MSTLY FN TXT, SUC, SFT -
FRM, SME BRTL; LS: MSTLY LT GY,
PRED SUC, FN TXT, BLKY; SH:
MSTLY MED - DRK GY, SME BLKY,
MSTLY FN - VFN TXT, SFT - FRM,
FLKY; SCAT GRNSH FLOR, NO VIS
CUT, NO RES RING

VERDIGRIS @ 4,752'MD
4,611'TVD (-3,341)

SH: MSTLY LT - MED GY, SCAT
BLK, TR YEL, TR GRN, TR BLSH
GY; FN - VFN TXT, SME SLTY, SFT,
PRED CHNKY, SME FLKY/FISL;
DOL: PRED OFF WHT - LT CRM,
SME LT TAN, MSTLY FN TXT, SUC,
SFT - MOD FRM; SCAT GRNSH
FLOR, NO VIS CUT, NO RES RING





MD 4855 TVD 4677.5
INC 49.2 AZ 357.4
VS 485.05

MD 4887 TVD 4697.94
INC 51.4 AZ 358
VS 509.67

MD 4918 TVD 4716.85
INC 53.4 AZ 359.4
VS 534.23

MD 4950 TVD 4735.7
INC 54.4 AZ 0
VS 560.06

MD 4982 TVD 4753.62
INC 57.5 AZ 359.5
VS 586.55

WOB: 19.8
RPM: 0
SPM: 118
PSI: 1648

MD 5014 TVD 4769.93
INC 61.2 AZ 359.3
VS 614.05

MUD CK @4,709'
MW: 9.10
FV: 51
PV: 21
YP: 17
GEL: 8 / 24
API: 5.2
CAKE: 2/32
SOL: 5.0%
WAT: 95.0%
PH: 10.0
FA: 0.2 / 0.8
CHL: 13000
HARD: 140

SH: MSTLY LT - MED GY, ABUN
YEL, SME GRNSH, PRED FLKY,
SME CHNKY, FN - VFN TXT, PRD
SFT; DOL: MSTLY OFF WHT - LT
GY, FN TXT, SUC, CHNKY, SME
BLKY, TR PLTY, FRM; SCAT GRNSH
FLOR, NO VIS CUT, NOR RES RING

SH: MSTLY LT GY, SME MED GY,
SME YEL, TR BLK, MSTLY FN TXT,
SME VFN, MSTLY SFT, SME FRM;
CHRT: PRED OPQ WHT, TR CLR,
ABUN TRIP CALC INCL, ABUN
STNG, SME ASPH, HRD - VRY HRD,
SUB ANG - ANG; DOL: PRED OFF
WHT - CRM, FN TXT, SUC, FRM,
CHNKY, SME BLKY; SCAT GRNSH
FLOR, NO VIS CUT, NO RES RING

MISSISSIPPI @ 4,978' MD
4,752' TVD (-3,482')

LS: PRED TN, SME OFF WHT, SME
WHT, MSTLY FN XTLN, SME V FN
XTLN, SME CRS XTLN, SME SH,

SVY G 77 U.

CG 41 U.

CG 163 U.

FG 165 U.

SANDRIDGE ENERGY JENNIFER 3488-4-341150

Oil Shale
0.001 0.01 0

MD 5046 TVD 4784.56
INC 64.4 AZ 359.4
VS 642.49

MD 5078 TVD 4797.29
INC 68.7 AZ 359.2
VS 671.83

MD 5110 TVD 4807.83
INC 72.8 AZ 358.8
VS 702.02

MD 5141 TVD 4815.93
INC 76.9 AZ 358.9
VS 731.92

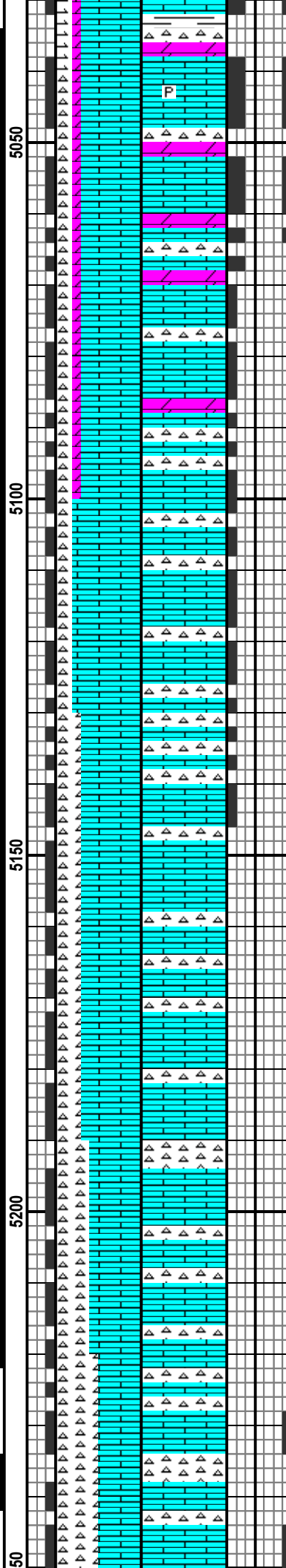
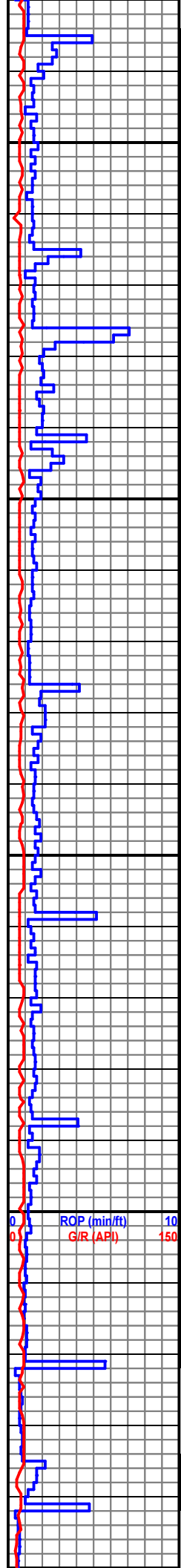
MD 5172 TVD 4821.74
INC 81.5 AZ 358.9
VS 762.35

WOB: 38.3
RPM: 0
SPM: 154
PSI: 2728

02/04/2013

MD 5204 TVD 4825.31
INC 85.7 AZ 358.1
VS 794.15

MD 5223 TVD 4826.48
INC 87.2 AZ 358.1
VS 813.11

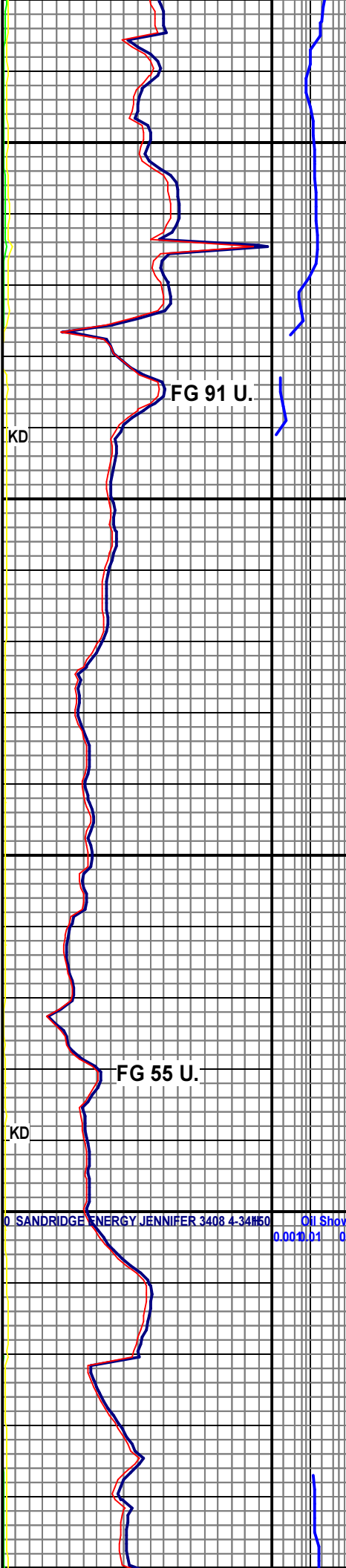


SME CHRT, OCC CRB SH, TRC
DOL, OCC PYRT, MSTLY FRM, SME
SFT MED, SME HL FRAC, FR GRN
FLOR, MLKY CUT, SLW RES RNG

LS: PRED TN, SME WHT, SME OFF
WHT, MSTLY FN XTLN, SME V FN
XTLN, SME CRS XTLN, SME CHRT,
MSTLY FRM, SME SFT MED, SME
HL FRAC, SCAT GRN FLOR, NO VIS
CUT, NO RES RNG

LS: PRED TN, SME OFF WHT, SME
WHT, MSTLY V FN XTLN, SME FN
XTLN, SME CRS XTLN, SME CHRT,
MSTLY FRM, SME HRD, SME SFT
MED, SME HL FRAC, NO VIS
FLOR, NO CUT, NO RES RNG

LS: PRED TN, SME WHT, SME OFF



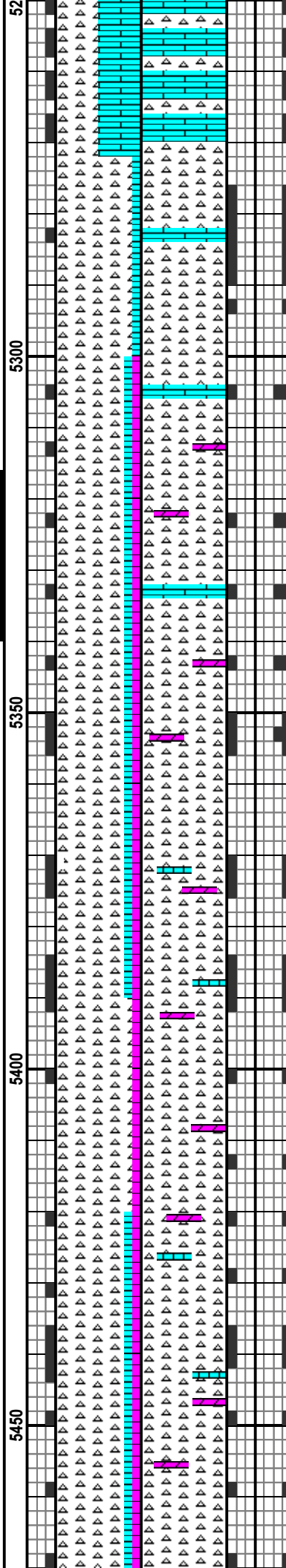
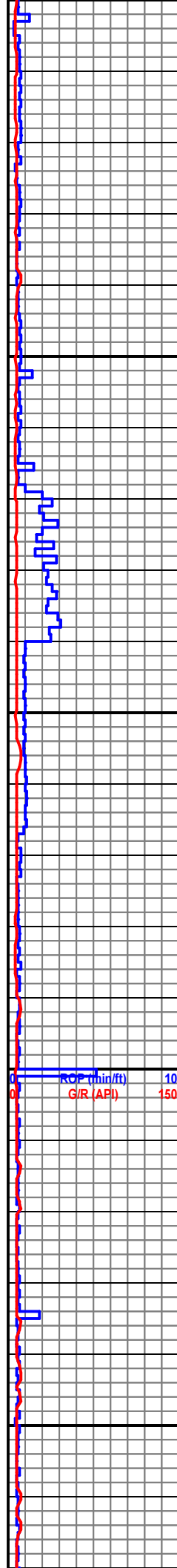
0 SANDRIDGE ENERGY JENNIFER 3408 4-341150 Oil Shale 0.001 0.01 0

02/05/2013

MD 5356 TVD 4828.34
INC 91.2 AZ 358
VS 946.06

WOB: 16.9
RPM: 62
SPM: 79
PSI: 1388

MD 5448 TVD 4825.61
INC 92.2 AZ 0.3
VS 1037.97



2014 RED TR, SME V FN
WHT, MSTLY FN XLTN, SME V FN
XTLN, SME CRS XLTN, SME CHRT,
MSTLY FRM, SME SFT MED, SME
HRD, SME HL FRAC, NO VIS FLOR,
MLKY CUT, SLW RES RNG

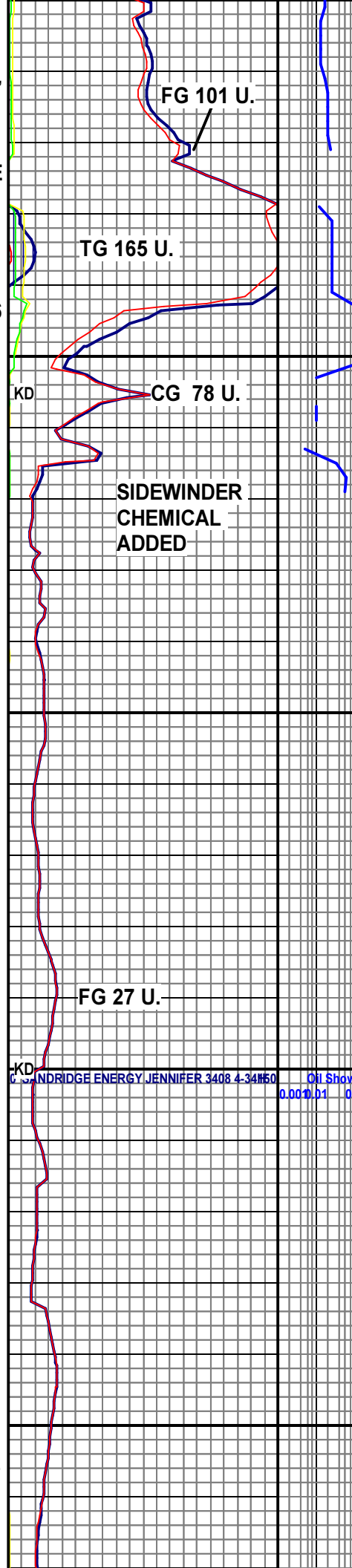
TOH FOR INTERMEDIATE
CASING @ 5,272'MD
4,829' TVD 02/04/2013

BIT# 4:
1/8"SMITH MSi613;
SER#: JG3680;
JETS: 3/14 & 3/16

BHA: MOTOR @ 1.5"
UBHO SUB; MONEL;
FLEX MONEL; X-OVER;
4" XT-39 DRILL PIPE;
H.W.D.P

CHRT: MSTLY OPQ WHT, TR YEL,
SCAT STNG, ABUN SPIC, ABUT
TRIP CALC INCL, SCAT CLR,
MSTLY XLN, PRED ANG, TR RND,
PLTY, HRD; LS: PRED OFF WHT -
CRM, CRPXLN, SUB ANG - SUB
RND, SME HL FRAC; DOL: PRED
CRM, SME STNG, MSTLY
FLKY/PLTY, SUC, SFT - MOD FRM;
SCAT GRNSH FLOR, GD GRNSH
CUT, GD GRNSH CHLKY RES RING

CHRT: PRED OPQ WHT, TRC STNG,
ABUN SPIC, MSTLY TRIP CALC
INCL, MSTLY MED XLTN, SME FN
XTLN, SME CRS XLTN, MSTLY
ANG, SME SUB ANG, SME LS, SME
DOL, SCAT POR FLOR, SLW MLKY
CUT, NO RES RNG



FG 101 U.

TG 165 U.

CG 78 U.

SIDEWINDER
CHEMICAL
ADDED

FG 27 U.

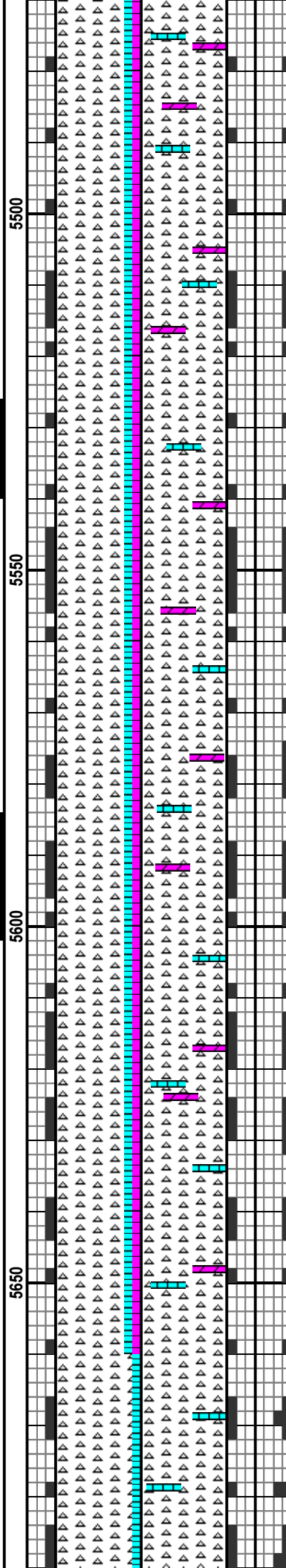
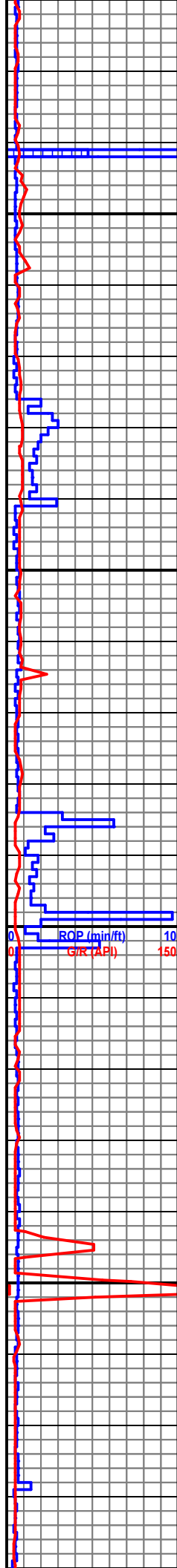
ANDRIDGE ENERGY JENNIFER 3408 4-34150

Oil Shov
0.00101 0

MD 5540 TVD 4821.12
INC 93.4 AZ 359.2
VS 1129.77

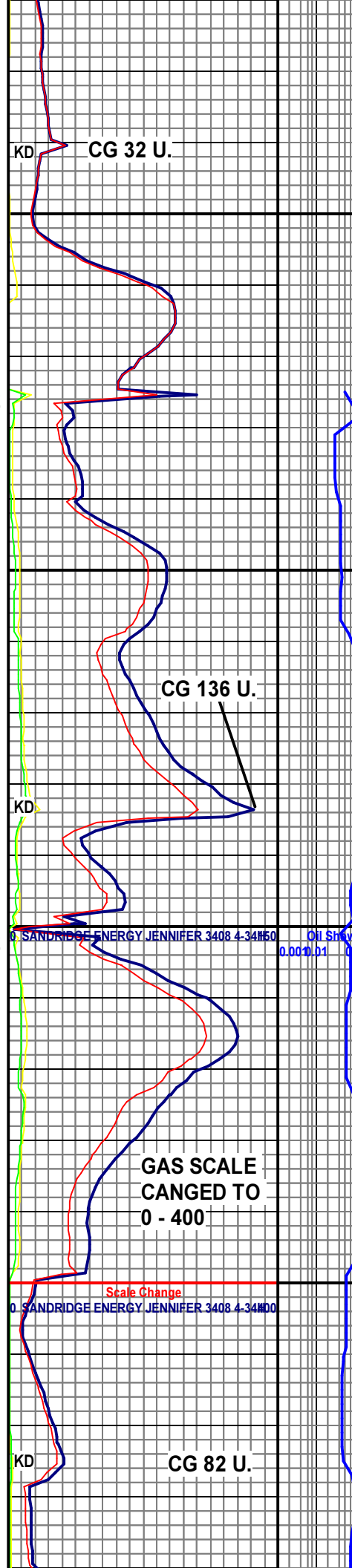
WOB: 13
RPM: 0
SPM: 79
PSI: 1152

MD 5631 TVD 4816.99
INC 91.8 AZ 356.5
VS 1220.66



CHRT: PRED OPQ WHT, TRC STNG,
ABUN SPIC, MSTLY TRIP CALC
INCL, MSTLY MED XTLN, SME FN
XTLN, SME CRS XTLN, MSTLY
ANG, SME SUB ANG, SME LS, SME
DOL, SCATGRNSH FLOR, MLKY
CUT, POR RES RNG

CHRT: PRED OPQ WHT, TRC STNG,
ABUN SPIC, MSTLY TRIP CALC
INCL, MSTLY MED XTLN, SME FN
XTLN, SME CRS XTLN, MSTLY
ANG, SME SUB ANG, SME LS, SME
DOL, SCAT GRNSH FLOR, MLKY
CUT, POR RES RNG



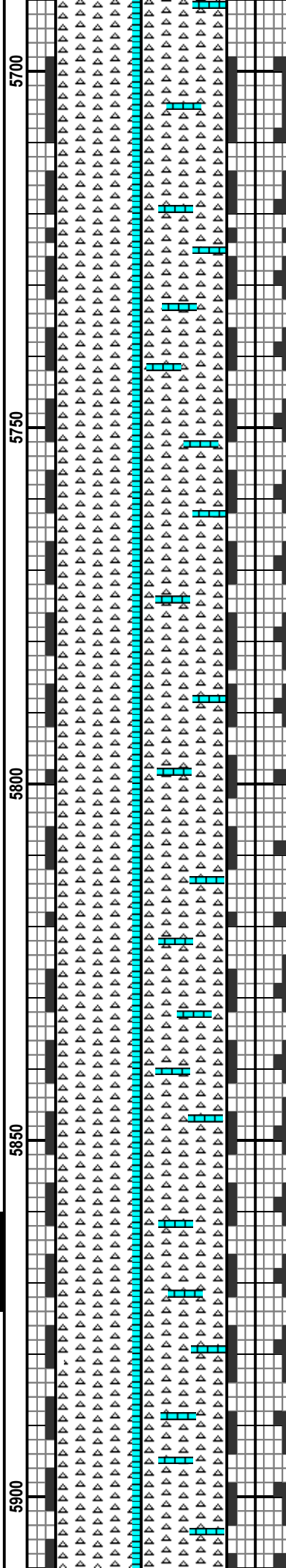
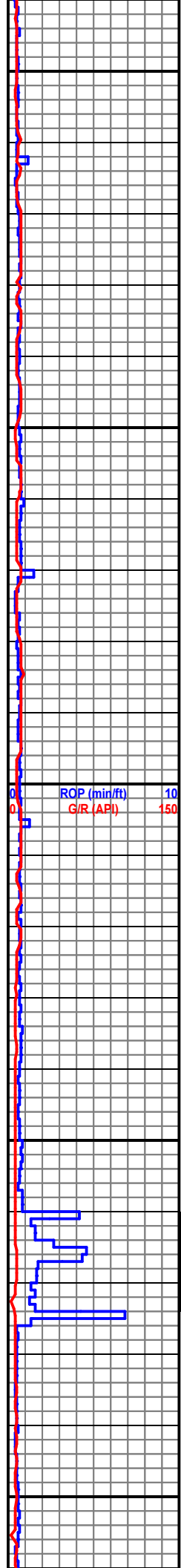
MD 5722 TVD 4813.5
INC 92.6 AZ 357.3
VS 1311.59

WOB: 14.4
RPM: 65
SPM: 88
PSI: 1505

MD 5815 TVD 4809.03
INC 92.9 AZ 357.9
VS 1404.49

02/06/2013

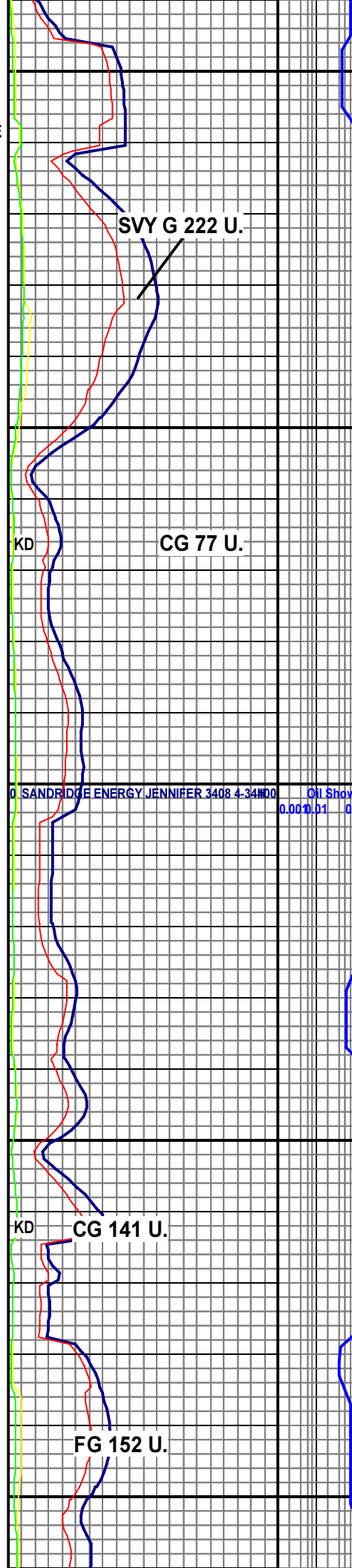
MD 5907 TVD 4804.86



CHRT: PRED OPQ WHT, TRC STNG,
ABUN SPIC, MSTLY TRIP CALC
INCL, MSTLY MED XTLN, SME FN
XTLN, SME CRS XTLN, MSTLY
ANG, SME SUB ANG, SME RD, SME
LS, SCAT GRNSH FLOR, MLKY
CUT, FR RES RNG

CHRT: PRED WHT, SME CRM, TRC
CLR, MSTLY V FN XLN, MSTLY
BLKY, MSTLY SUB ANG, SME LS,
MSTLY HRD, SME V HRD, SCAT
GRNSH FLOR, FR MLKY CUT, POR
RES RNG

CHRT: PRED WHT, SME CRM, TRC
CLR, MSTLY V FN XLN, MSTLY
BLKY, MSTLY SUB ANG, SME LS,
MSTLY HRD, SME V HRD, SCAT
POR FLOR, FR MLKY CUT, POR
RES RNG

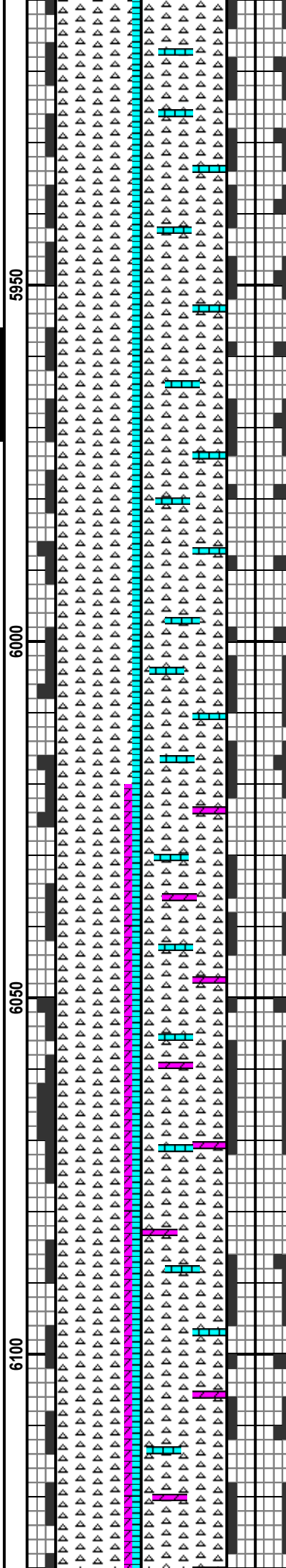
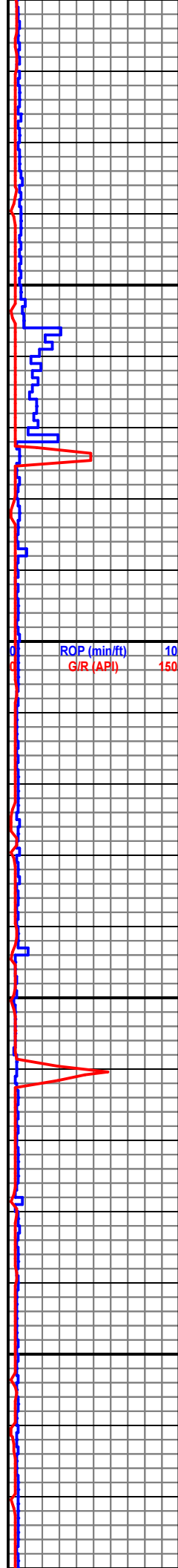


INC 92.3 AZ 357
VS 1496.39

WOB: 18.2
RPM: 57
SPM: 88
PSI: 1608

MD 6000 TVD 4801.94
INC 91.3 AZ 355.9
VS 1589.32

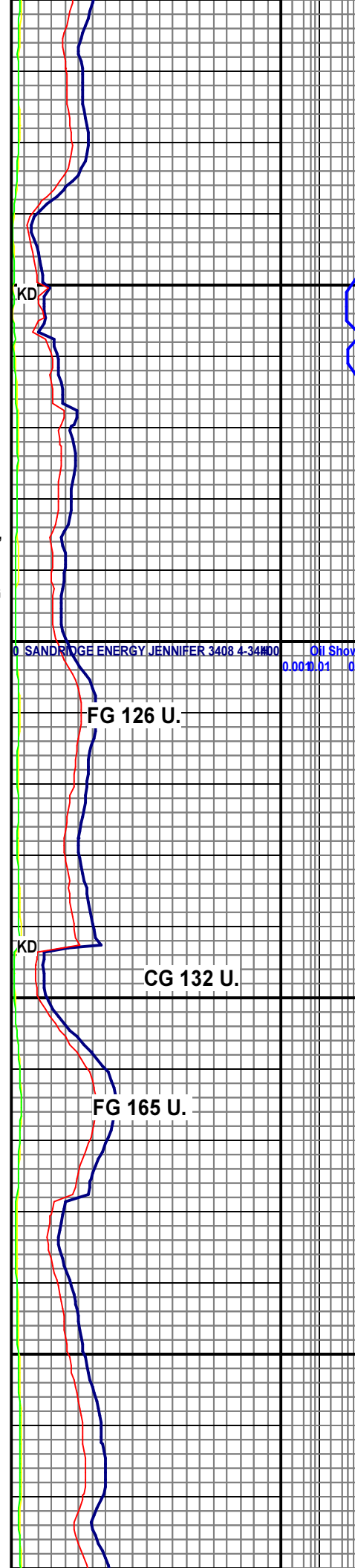
MD 6093 TVD 4799.26
INC 92 AZ 356.1
VS 1682.26



CHRT: PRED WHT, SME OFF WHT,
TRC CLR, MSTLY FN XLN, SME V
FN XLN, MSTLY BLKY, MSTLY ANG,
SME SUB ANG, SME LS, MSTLY
HRD, SME V HRD, SCAT POR
FLOR, FR MLKY CUT, NO RES RNG

CHRT: MSTLY OPQ WHT, TR CLR,
TR ASPH & STNG, ABUN SPIC
CALC INCL, SME OOD, PRED SUB
ANG, VRY FRM - HRD, SME BRTL;
DOL: PRED OFF WHT - LT CRM,
MSTLY VFN XLN, SUC, CHNKY; LS:
MSTLY WHT - OFF WHT, PRED
CRPXLN, BLKY, SCAT HL FRAC
POR; SME WHT FLOR, FR GRN
CUT, THN GRNSH RES RING

CHRT: MSTLY OPQ WHT, TR CLR,
TR ASPH & STNG, ABUN SPIC
CALC INCL, SME OOD, PRED SUB



KD

KD

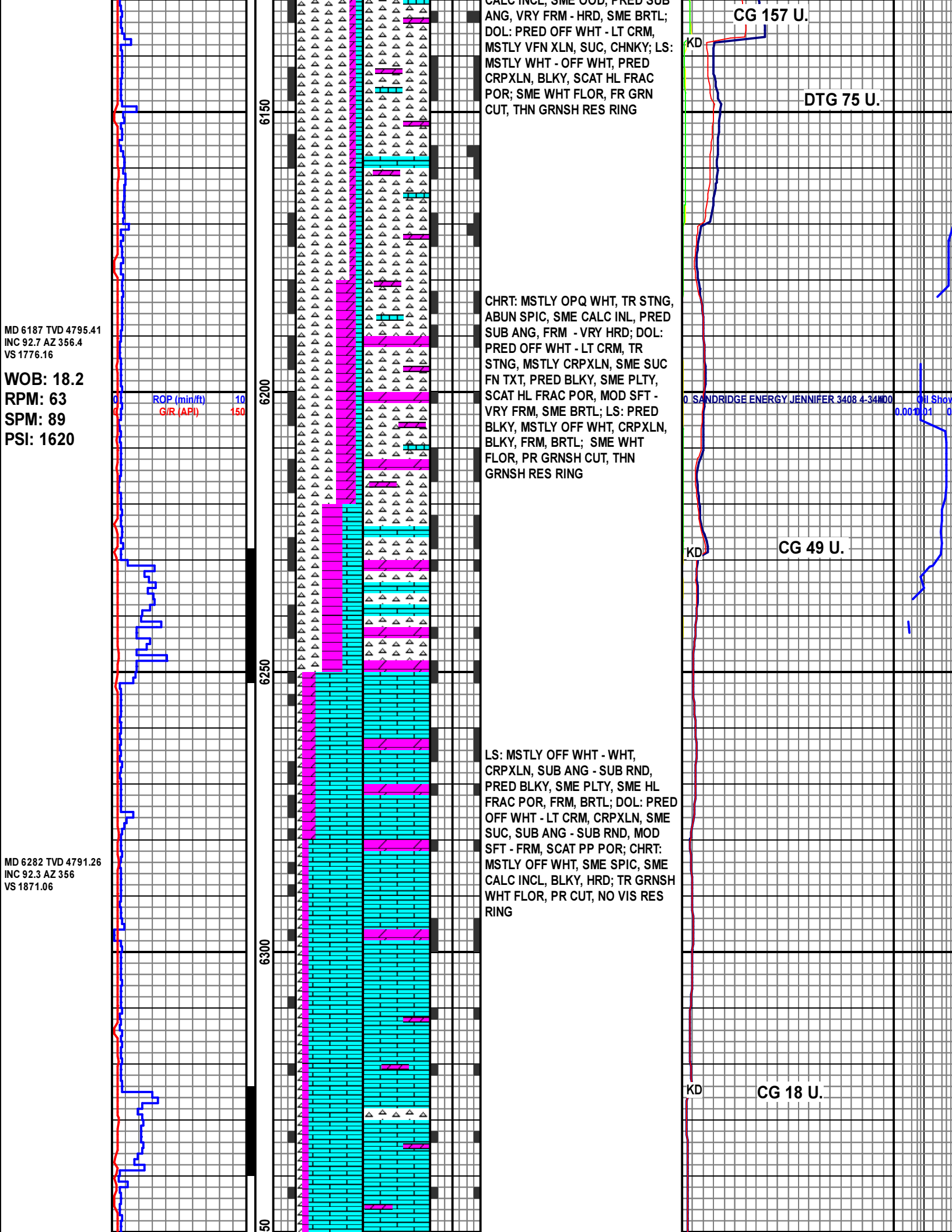
FG 126 U.

CG 132 U.

FG 165 U.

SANDRIDGE ENERGY JENNIFER 3408 4-34#00

Oil Shale
0.00 0.01 0



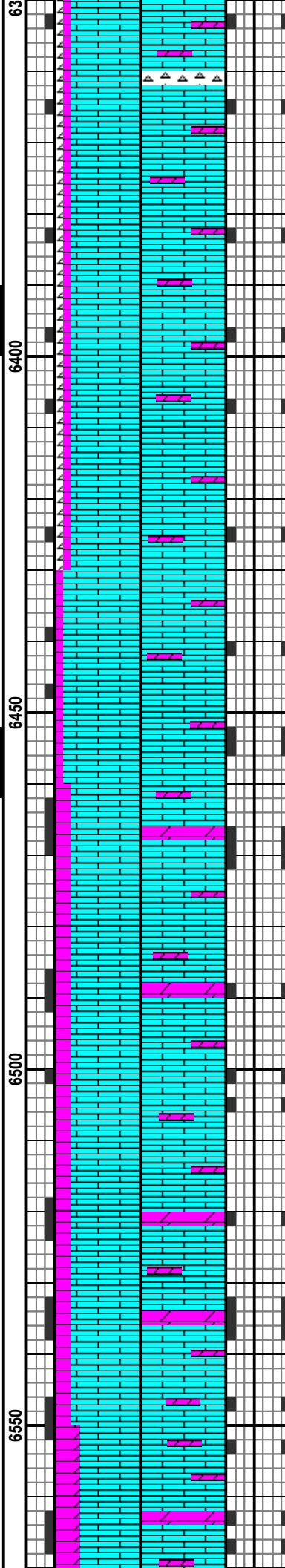
MD 6377 TVD 4787.95
INC 91.7 AZ 354.7
VS 1965.94

WOB: 25.5
RPM: 0
SPM: 89
PSI: 1296

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

MD 6472 TVD 4786.21
INC 90.4 AZ 355.2
VS 2060.84

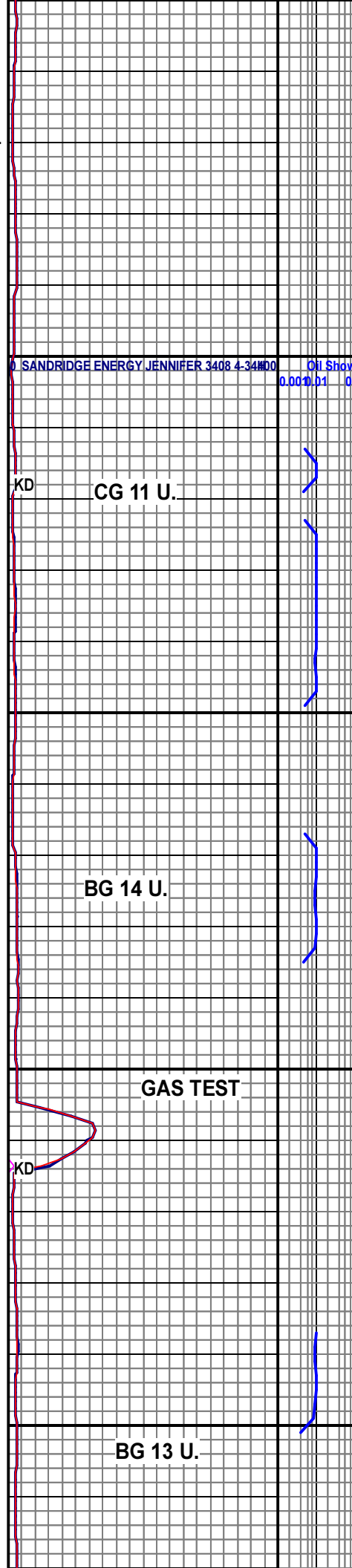
MD 6567 TVD 4785.13



LS: MSTLY WHT, CRPXLN, PRED
SUB ANG, FRM, BRTL, SME HL
FRAC POR; DOL: MSTLY OFF WHT,
CRPXLN, PLTY, FRM BRTL, SME HL
FRAC POR, TR SUC; CHRT: MSTLY
OPQ WHT - OFF WHT, SPIC, SME
CALC INCL, PIT, VFN XLN, HRD; TR
GRNSH FLOR, PR GRNSH MLKY
CUT, NO RES RING

LS: OFF WHT - WHT, PRED
CRPXLN, MSTLY BLKY, SUB - ANG,
FRM, BRL, SME HL FRAC POR, TR
PP POR; DOL: PRED OFF WHT,
MSTLY CRPXLN, SME SUC FN TXT,
MSTLY FLKY, SME BLKY, FRM,
BRTL; SCAT BRT GRN FLOR, PR
GRNSH CUT, NO VIS RES RING

LS: MSTLY WHT - OFF WHT,
CRPXLN, BLKY, TR HL FRAC POR;
DOL: PRED WHT, TR LT CRM,
CRPXLN, SCAT SUC, PRED PLTY,
TR HL FRAC POR; SCAT GRNSH
FLOR, PR GRNSH CUT, NO VIS



SANDRIDGE ENERGY JENNIFER 3408 4-34-00 Oil Show 0.00 0.01 0

KD CG 11 U.

BG 14 U.

GAS TEST

KD

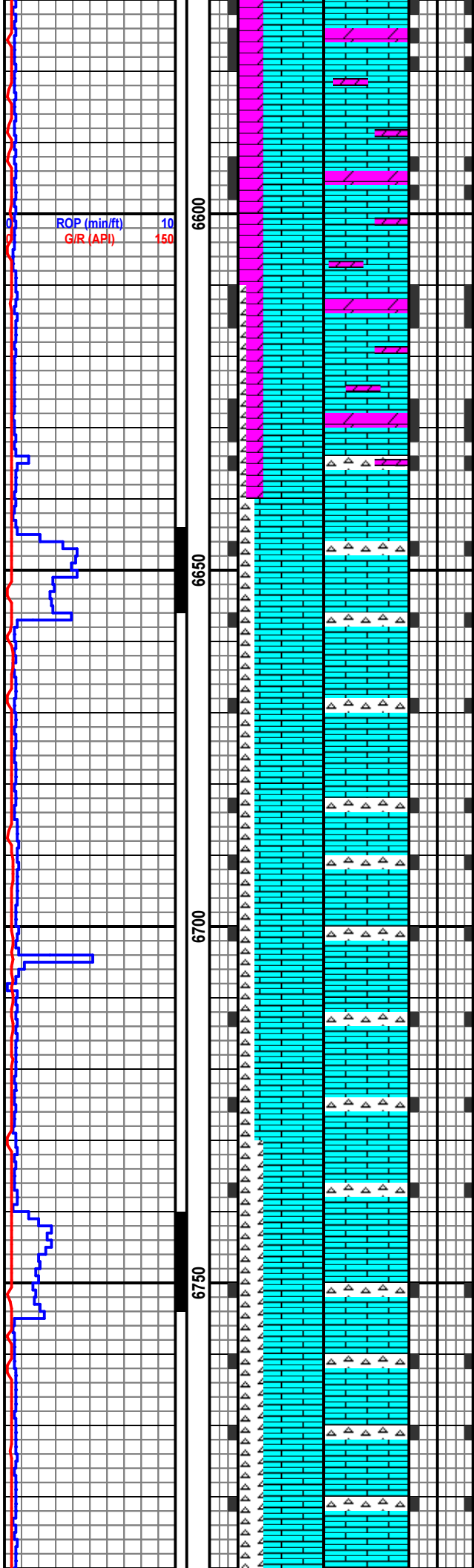
BG 13 U.

INC 90.9 AZ 354.7
VS 2155.74

WOB: 21.6
RPM: 62
SPM: 91
PSI: 1680

MD 6662 TVD 4783.64
INC 90.9 AZ 355.7
VS 2250.65

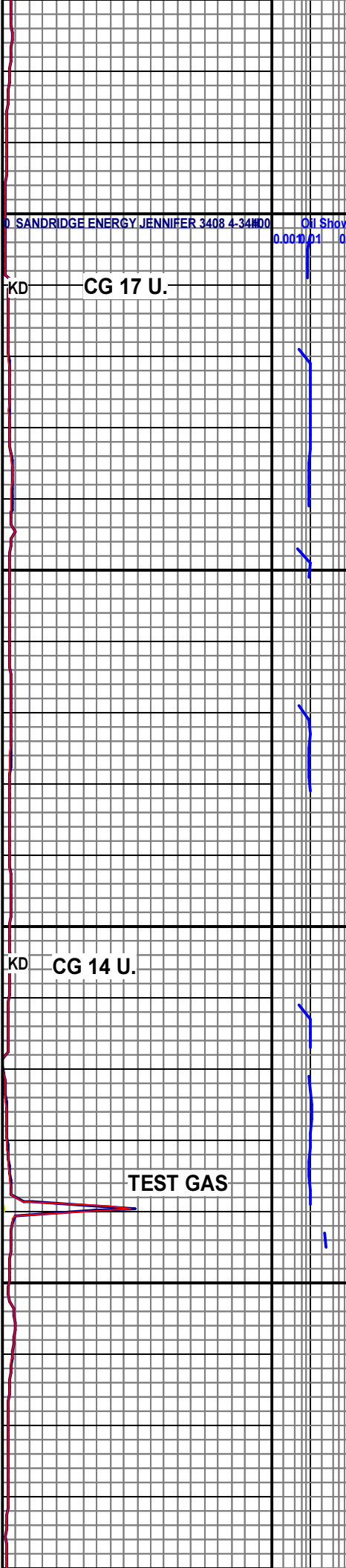
MD 6756 TVD 4782.24
INC 90.8 AZ 356.6
VS 2344.62



RES RING

LS: PRED WHT, SME OFF WHT,
MSTLY FN XTLN, SME V FN XTLN,
SME MED XTLN, MSTLY SFT MED,
SME FRM, SME CHRT, SME HL
FRAC, SCAT V POR YEL FLOR,
POR YEL CUT, NO RES RNG

LS: PRED WHT, SME OFF WHT,
MSTLY FN XTLN, SME V FN XTLN,
SME MED XTLN, MSTLY SFT MED,
SME FRM, ABUN CHRT, SME HL
FRAC, SCAT V POR YEL FLOR,
POR YEL CUT, NO RES RNG



KD CG 17 U.

KD CG 14 U.

TEST GAS

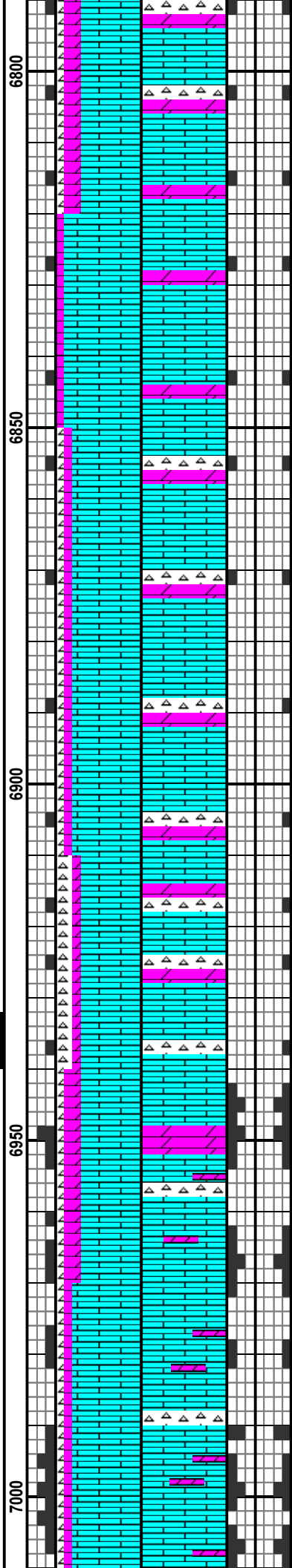
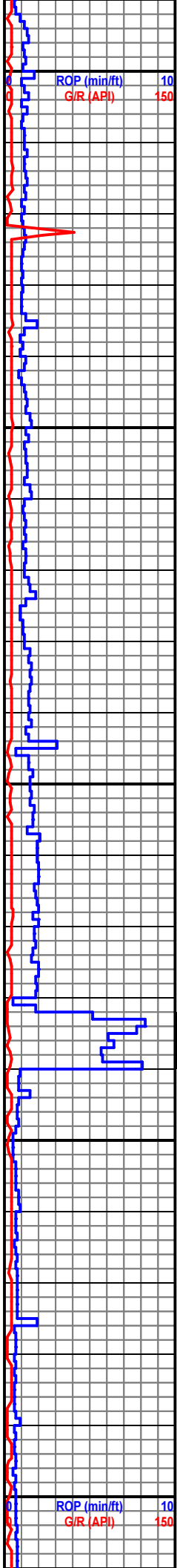
WOB: 21.3
RPM: 64
SPM: 90
PSI: 1622

MD 6851 TVD 4780.5
INC 91.3 AZ 356.5
VS 2439.6

02/07/2013

MD 6973 TVD 4777.31
INC 91.7 AZ 357
VS 2561.55

WOB: 19.9
RPM: 61
SPM: 82
PSI: 1879

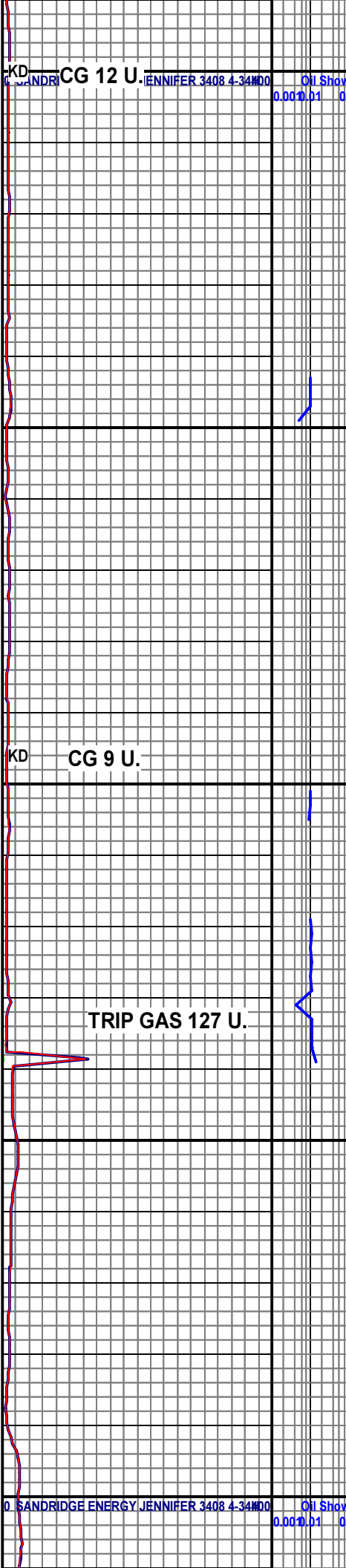


LS: PRED WHT, SME OFF WHT,
MSTLY FN XTLN, SME V FN XTLN,
SME MED XTLN, MSTLY SFT MED,
SME FRM, SME CHRT, SME DOL,
SME HL FRAC, SCAT V POR WHT
FLOR, V POR YEL MLKY CUT, NO
RES RNG

LS: PRED WHT, SME OFF WHT,
MSTLY FN XTLN, SME V FN XTLN,
SME MED XTLN, MSTLY SFT MED,
SME FRM, ABUN CHRT, SME DOL,
SME HL FRAC, NO VIS FLOR, V
POR YEL MLKY CUT, NO RES RNG

TOH @ 6,939' FOR NEW
BIT
BIT# 5: 6.125"
HALLIBURTON FX64D;
SER# 11722799;
JETS: 6-14S
BHA: MOTOR @ 1.5;
UBHO SUB; MONEL;
FLEX MONEL; X-OVER;
AGITATOR; 4" XT-39
DRILL PIPE; H.W.D.P

LS: PRED WHT, CRPXLN, BLKY, TR
OOD, SUB ANG - SUB RND, FRM,
TR HL FRAC POR; DOL: MSTLY
OFF WHT - LTR CRM, CRPXLN,
SME PP POR, TR HL FRAC POR,
FRM, BRTL; CHRT: PRED TRNSL
CLR, BLKY/PLTY, PRED SUB ANG -



MD 7068 TVD 4774.08
INC 92.2 AZ 357.7
VS 2656.5

MD 7163 TVD 4771.01
INC 91.5 AZ 358.2
VS 2751.43

WOB: 19.7
RPM: 62
SPM: 80
PSI: 1915

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

7050

7100

7150

7200

LS: PRED WHT, MSTLY CRPXLN,
BLKY, SUB ANG - SUB RND, FRM,
BRTL, SME HL FRAC POR, TR SUC;
DOL: PRED OFF WHT, TR LT CRM,
MSTLY CRPXLN, SME FN, SME
SUC, MOD SFT - MOD FRM, SME
PP POR; CHRT: MSTLY OPQ WHT,
SME TRNSL, TR CRM, PRED SUB
ANG, HRD, SME SPIC, TR CALC
INCL, SCAT PIT; SME BRT GRN
FLOR, FR GRN CUT, NO VIS RES
RING

LS: MSTLY WHT, TR OFF WHT,
CRPXLN, SUB ANG - SUB RND,
SCAT HL FRAC POR, FRM, SME
BRTL; DOL: PRED OFF WHT, TR
CRM, MSTLY CRPXLN, SME FN
TXT, SME SUC, MSTLY PLTY, SME
BLKY, FRM; SCAT GRNSH FLOR,
PR GRNSH CUT, N VIS RES RING

LS: MSTLY WHT, CRPXLN, SUB
ANG - SUB RND, BLKY, SME PLTY,
SME HL FRAC POR, FRM, SME
BRTL; DOL: MSTLY OFF WHT -
WHT, SME CRM, TR STNG, PRED
CRPXLN, SME FN, SME SUC.

CG 21 U.

DTG 21 U.

FG 44 U.

PUMP
SWEEP

CG 63 U.

ANDRIDGE ENERGY JENNIFER 3408 4-34-00

Oil Shov
0.001 0.01 0

MD 7258 TVD 4768.77
INC 91.2 AZ 358.1
VS 2846.41

MD 7352 TVD 4767.54
INC 90.3 AZ 357.2
VS 2940.38

WOB: 19.4
RPM: 62
SPM: 82
PSI: 2196

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

MD 7448 TVD 4766.62

7250

7300

7350

7400

7450

MSTLY FRM, SME MOD SFT; ABUN
BRT GRN FLOR, FST FR - GD CUT,
THN CHLKY YELSH RES RING

LS: MSTLY WHT, CRPXLN, SUB
ANG - SUB RND, BLKY, SME PLTY,
SME HL FRAC POR, FRM, SME
BRTL; CHRT: PRED OPQ WHT, SME
CLR, SME ASPH & STNG, PRED
SUB ANG, HRD; DOL: MSTLY OFF
WHT - WHT, SME CRM, TR STNG,
PRED CRPXLN, SME FN, SME SUC,
MSTLY FRM, SME MOD SFT; ABUN
BRT GRN FLOR, FST FR - GD CUT,
MOD GD CHLKY YELSH RES RING

LS: PRED WHT, SME OFF WHT,
MSTLY V FN XTLN, SME FN XTLN,
MSTLY SFT MED, SME FRM, SME
CHRT, SME DOL, POR YEL FLOR,
FR WHT MLKY CUT, POR RES RNG

LS: PRED WHT, SME OFF WHT,
MSTLY V FN XTLN, SME FN XTLN,
MSTLY SFT MED, SME FRM, SME

FG 162 U.

FG 171 U.

FG 313 U.

KD

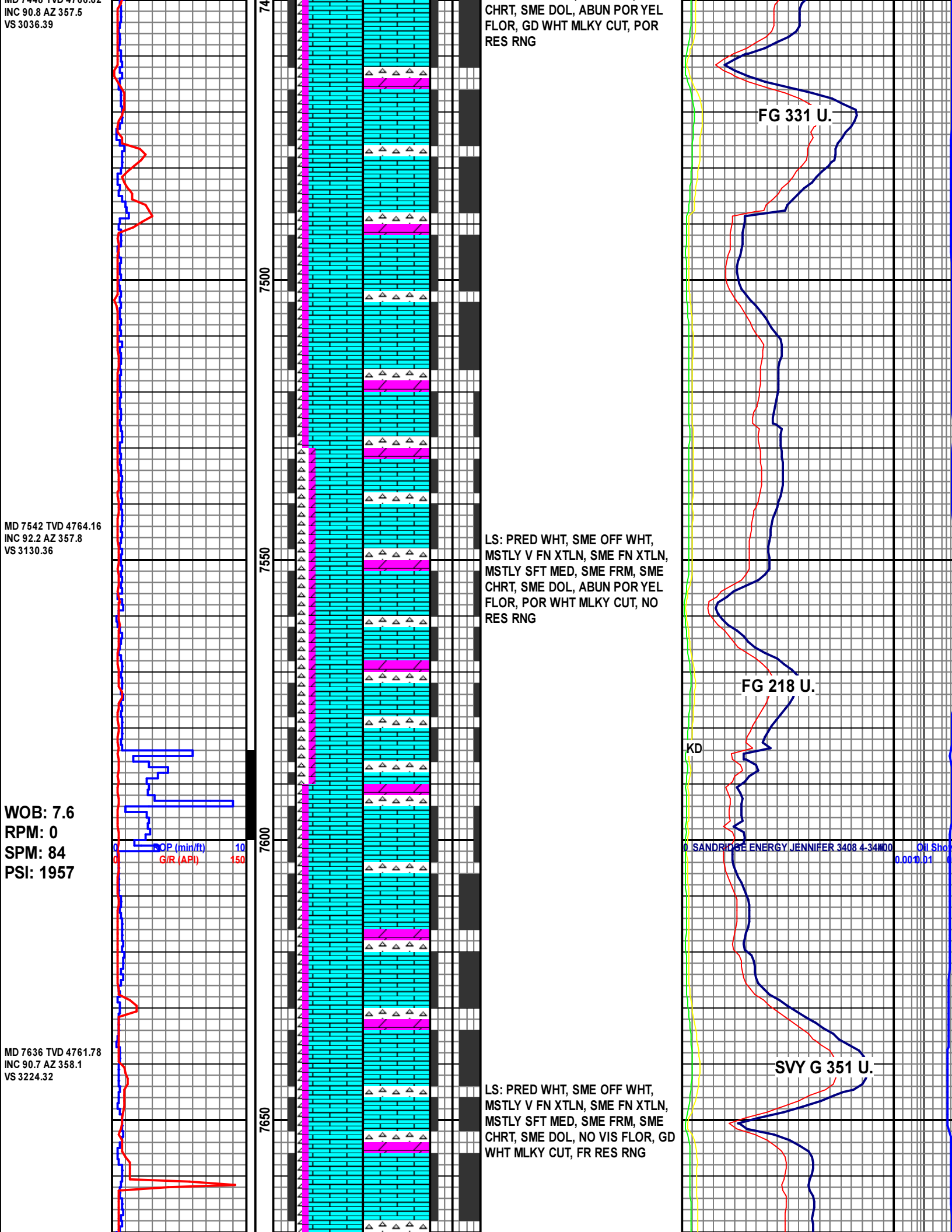
FG 256 U.

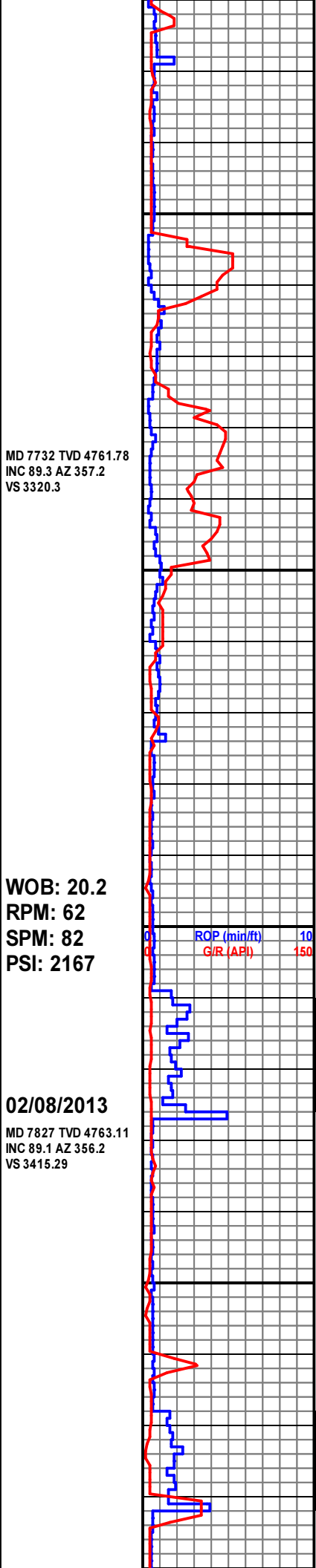
CG 207 U.

KD

FG 313 U.

0 SANDRIDGE ENERGY JENNIFER 3408 4-34MD0 Oil Shv 0.00101 0

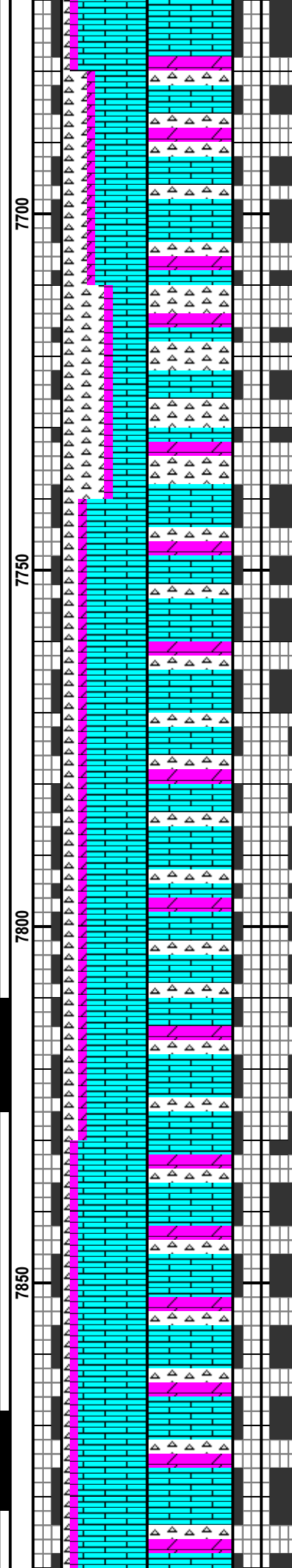




MD 7732 TVD 4761.78
INC 89.3 AZ 357.2
VS 3320.3

WOB: 20.2
RPM: 62
SPM: 82
PSI: 2167

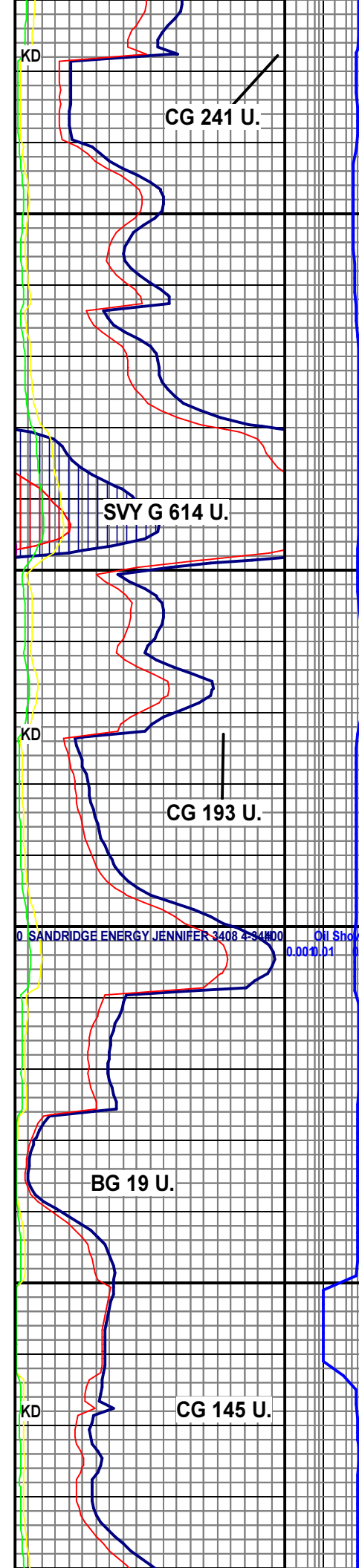
02/08/2013
MD 7827 TVD 4763.11
INC 89.1 AZ 356.2
VS 3415.29



LS: PRED WHT, SME OFF WHT,
MSTLY V FN XTLN, SME FN XTLN,
MSTLY SFT MED, SME FRM, SME
CHRT, SME DOL, POR YEL FLOR,
GD BRT WHT MLKY CUT, FST GD
RES RNG

LS: PRED WHT, SME OFF WHT,
MSTLY V FN XTLN, SME FN XTLN,
MSTLY SFT MED, SME FRM, SME
CHRT, SME DOL, POR YEL FLOR,
POR WHT CUT, NO RES RNG

LS: PRED WHT, SME OFF WHT,
MSTLY V FN XTLN, SME FN XTLN,
MSTLY SFT MED, SME FRM, SME
DOL, SME CHRT, POR YEL FLOR,
GD BRT WHT MLKY CUT, NO RES RNG



CG 241 U.

SVY G 614 U.

CG 193 U.

BG 19 U.

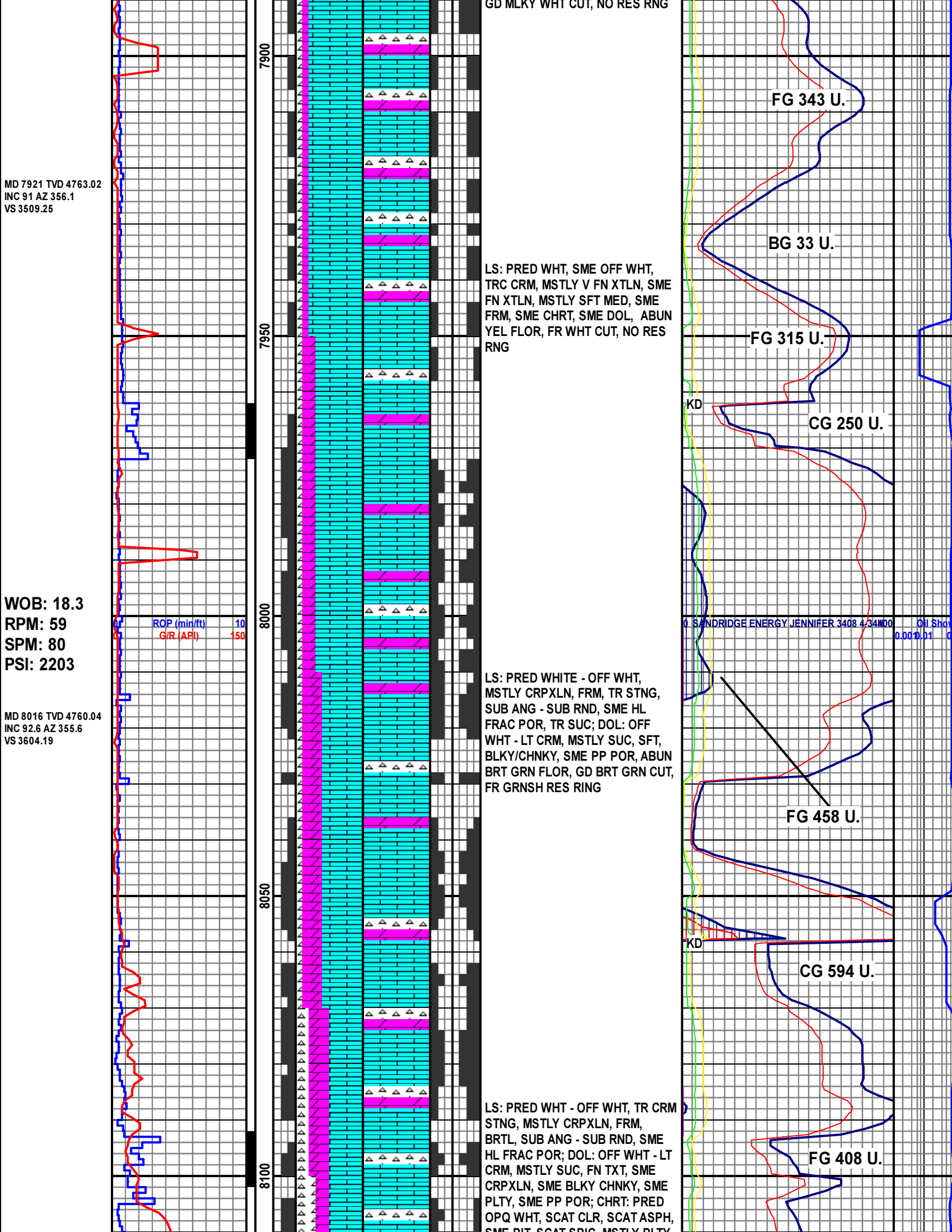
CG 145 U.

KD

KD

KD

0 SANDRIDGE ENERGY JENNIFER 3408 4-34 KD00 Oil Sho 0.001 0.01



MD 7921 TVD 4763.02
INC 91 AZ 356.1
VS 3509.25

WOB: 18.3
RPM: 59
SPM: 80
PSI: 2203

MD 8016 TVD 4760.04
INC 92.6 AZ 355.6
VS 3604.19

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

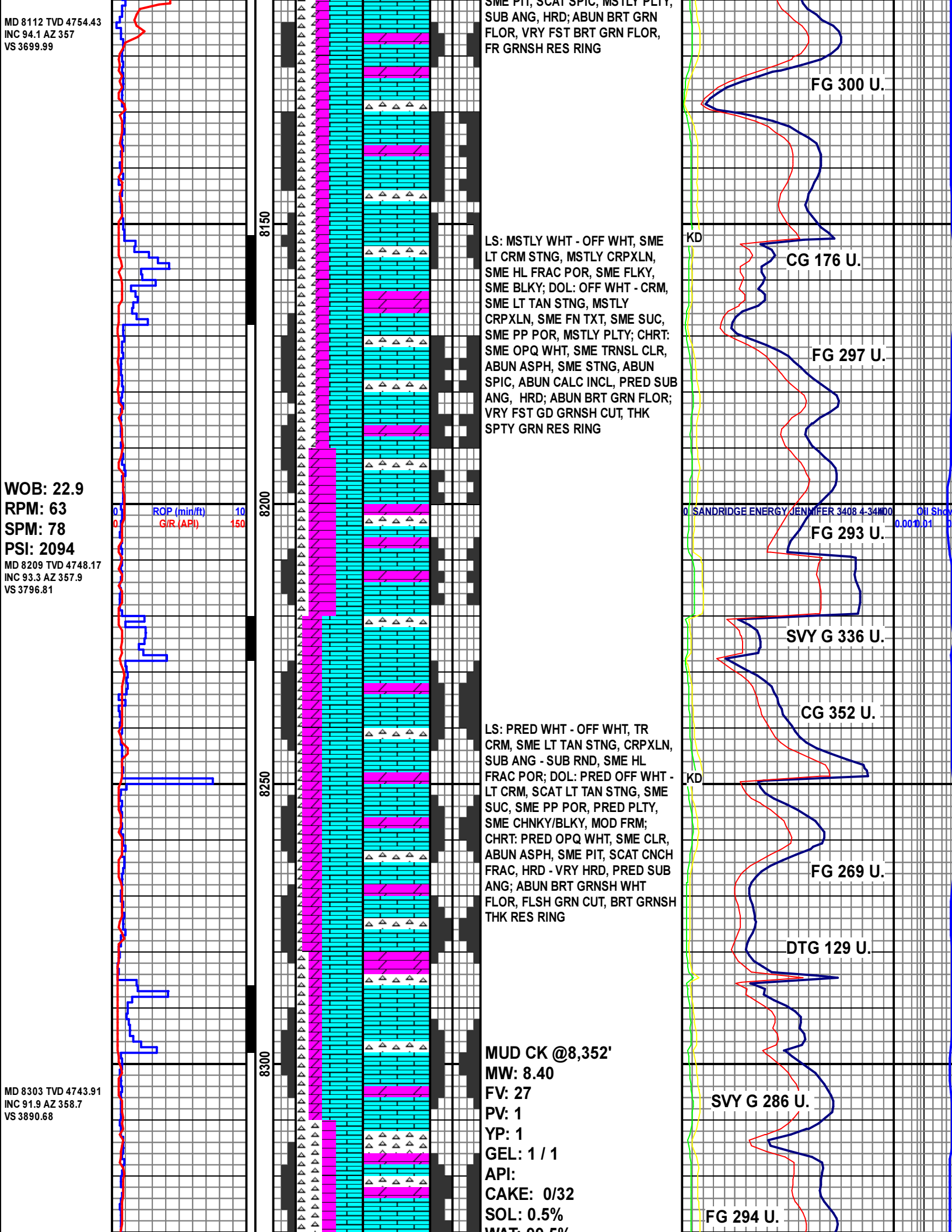
GD MLKY WHT CUT, NO RES RNG

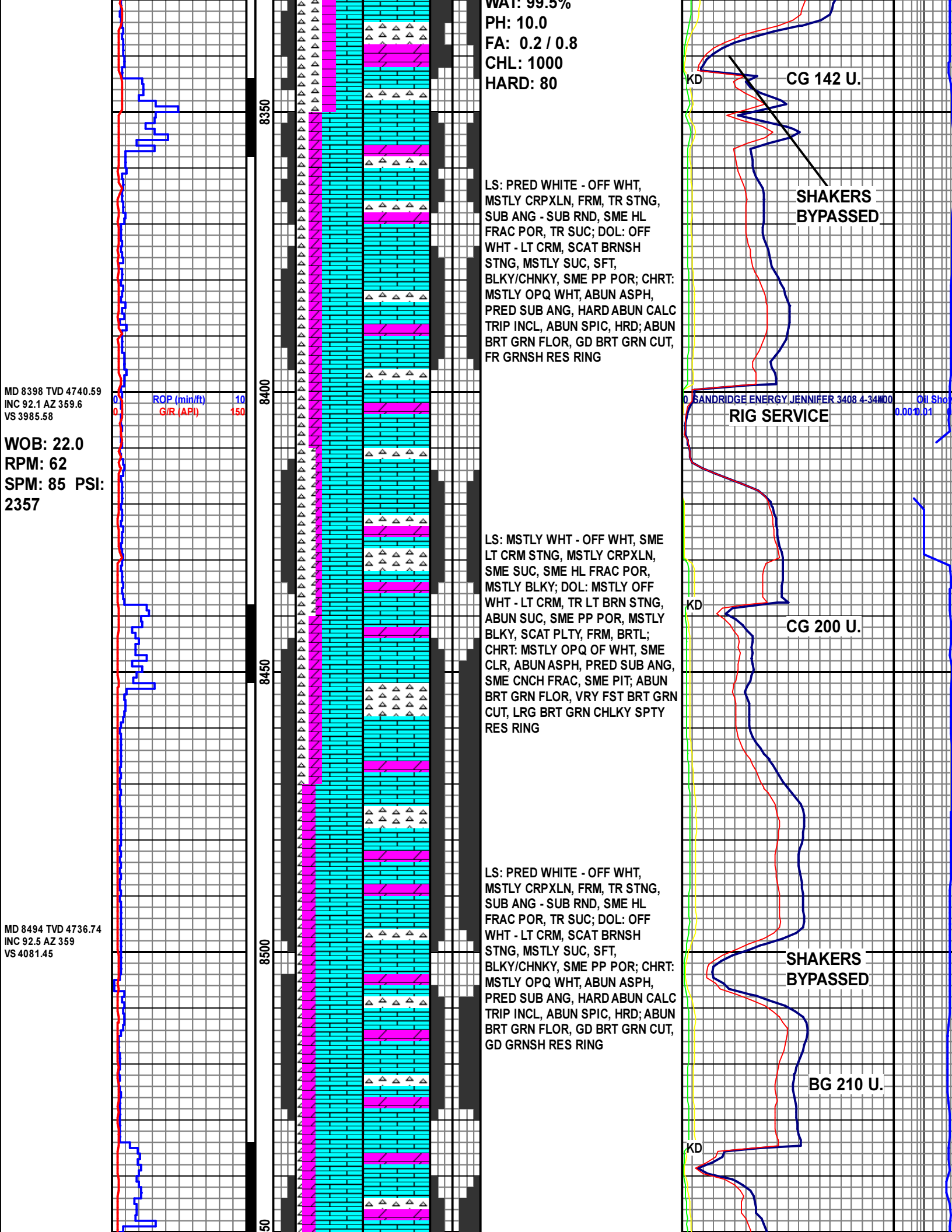
LS: PRED WHT, SME OFF WHT,
TRC CRM, MSTLY V FN XTLN, SME
FN XTLN, MSTLY SFT MED, SME
FRM, SME CHRT, SME DOL, ABUN
YEL FLOR, FR WHT CUT, NO RES
RNG

LS: PRED WHITE - OFF WHT,
MSTLY CRPXLN, FRM, TR STNG,
SUB ANG - SUB RND, SME HL
FRAC POR, TR SUC; DOL: OFF
WHT - LT CRM, MSTLY SUC, SFT,
BLKY/CHNKY, SME PP POR, ABUN
BRT GRN FLOR, GD BRT GRN CUT,
FR GRNSH RES RING

LS: PRED WHT - OFF WHT, TR CRM
STNG, MSTLY CRPXLN, FRM,
BRTL, SUB ANG - SUB RND, SME
HL FRAC POR; DOL: OFF WHT - LT
CRM, MSTLY SUC, FN TXT, SME
CRPXLN, SME BLKY CHNKY, SME
PLTY, SME PP POR; CHRT: PRED
OPQ WHT, SCAT CLR, SCAT ASPH,
SME BIT, SCAT SPIC, MSTLY PLTY

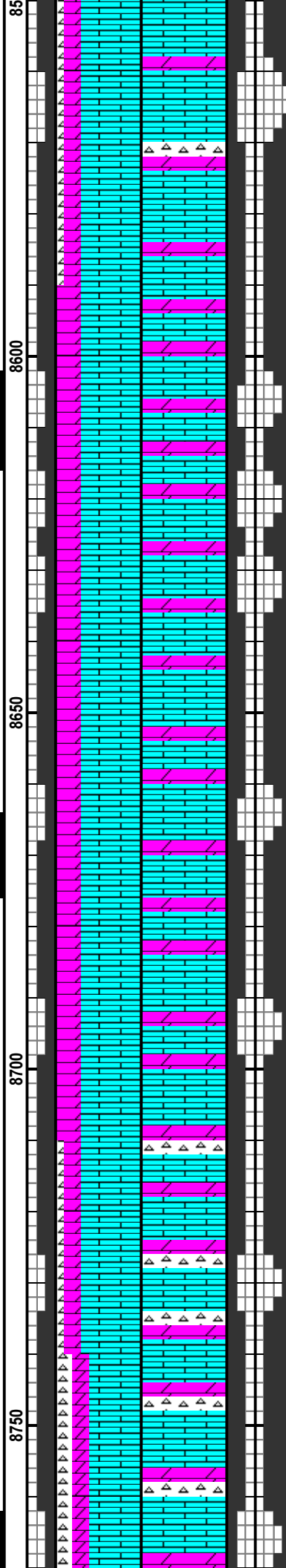
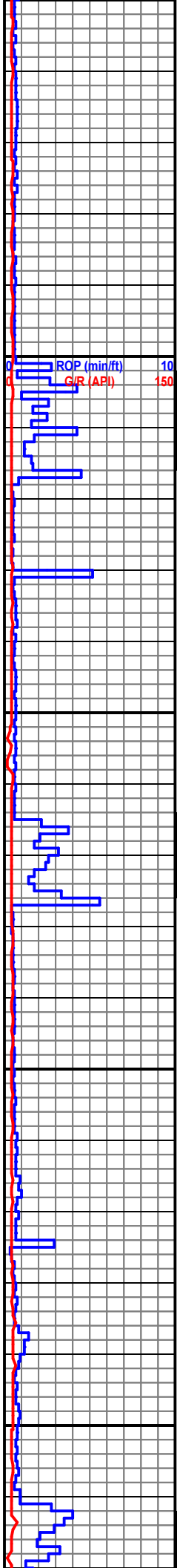
0 SANDRIDGE ENERGY JENNIFER 3408 4/34/00 Oil Shale
0.00 0.01 0





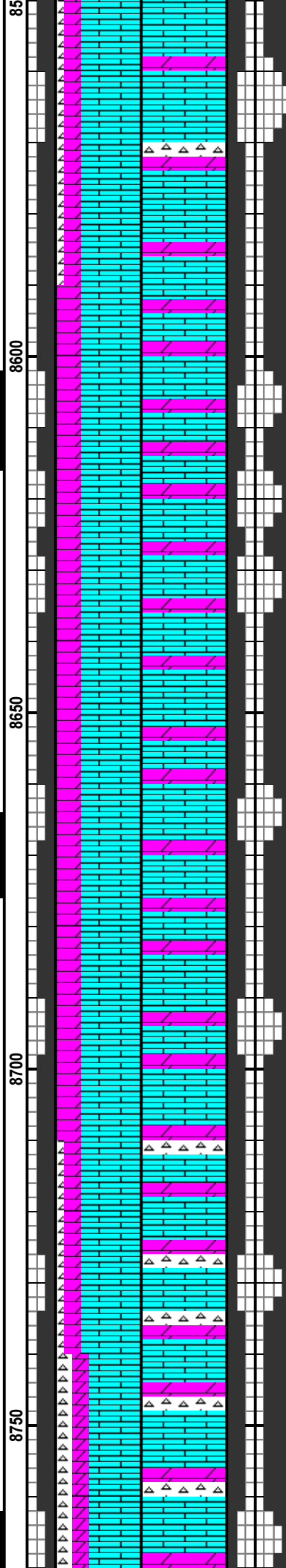
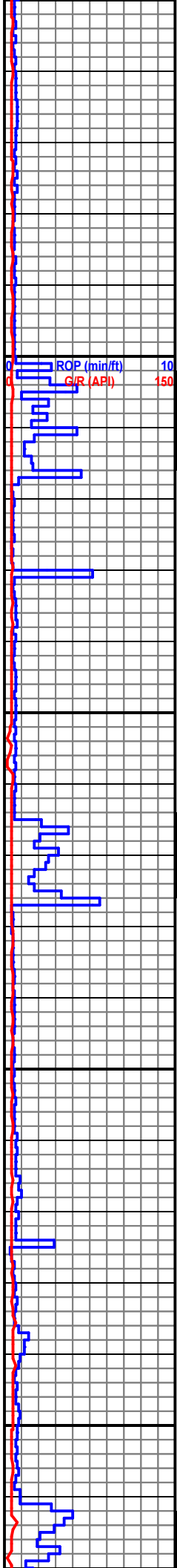
MD 8589 TVD 4733.26
INC 91.7 AZ 357.6
VS 4176.35

WOB: 0.6
RPM: 0
SPM: 83
PSI: 1928

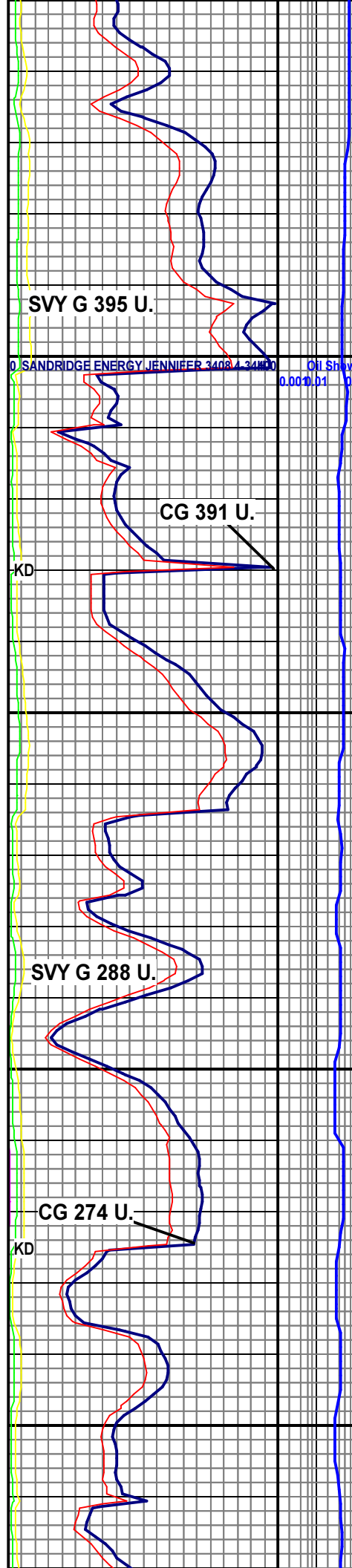


LS: PRED WHT, SME OFF WHT,
TRC CRM, MSTLY FN XLTN, SME V
FN XLTN, MSTLY SFT MED, SME
FRM, SME DOL, SME CHRT, ABUN
YEL FLOR, GD WHT MLKY CUT, FR
RES RNG

MD 8684 TVD 4731.02
INC 91 AZ 357.5
VS 4271.32



LS: PRED WHT, SME OFF WHT,
TRC CRM, MSTLY FN XLTN, SME V
FN XLTN, MSTLY SFT MED, SME
FRM, SME DOL, SME CHRT, POR
YEL FLOR, GD WHT MLKY CUT, FR
RES RNG



SVY G 395 U.

CG 391 U.

SVY G 288 U.

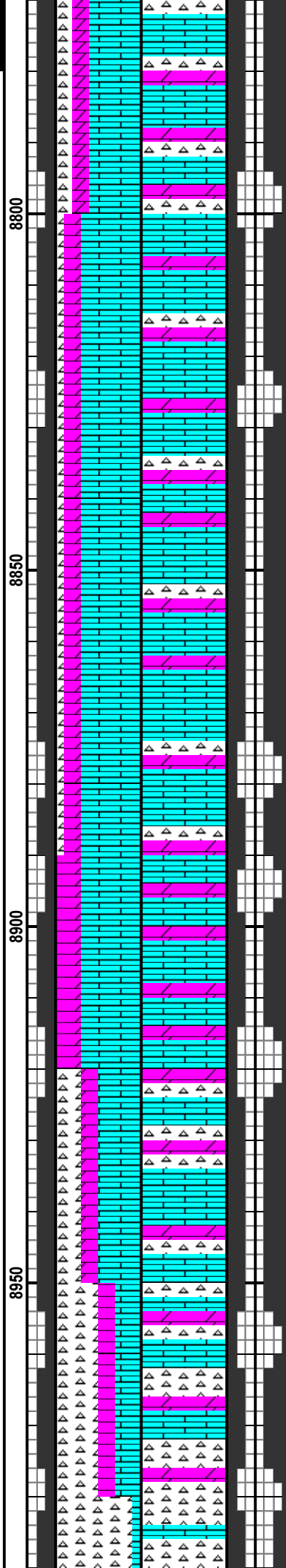
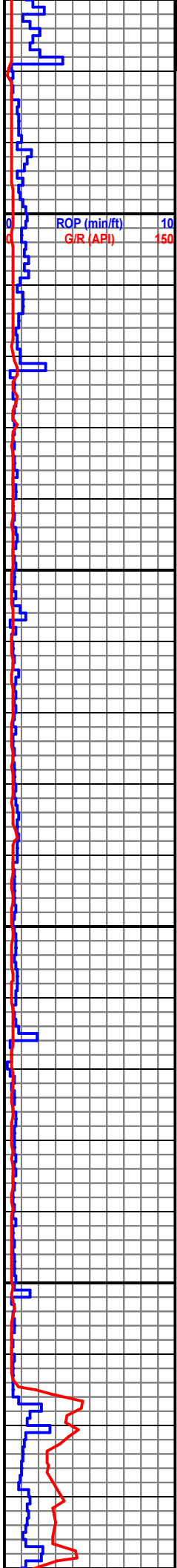
CG 274 U.

MD 8780 TVD 4730.43
INC 89.7 AZ 357.3
VS 4367.31

WOB: 21.1
RPM: 72
SPM: 83
PSI: 2246

MD 8874 TVD 4730.51
INC 90.2 AZ 357.7
VS 4461.34

MD 8970 TVD 4729.76
INC 90.7 AZ 357.6
VS 4557.32

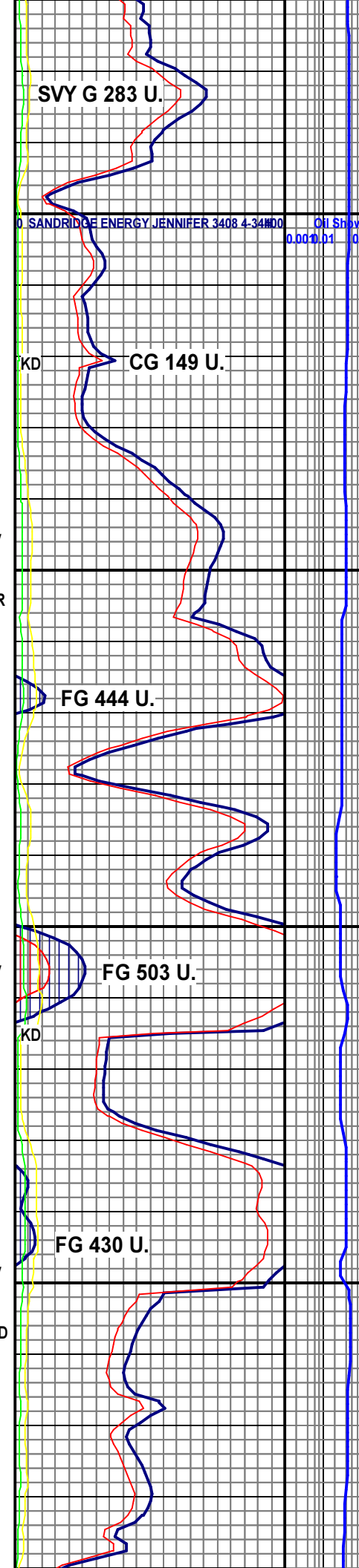


LS: PRED WHT, SME OFF WHT,
TRC CRM, MSTLY FN XLTN, SME V
FN XLTN, MSTLY SFT MED, SME
FRM, SME DOL, SME CHRT, POR
YEL FLOR, GD WHT MLKY CUT, FR
RES RNG

LS: PRED WHT, SME OFF WHT,
TRC CRM, MSTLY FN XLTN, SME V
FN XLTN, MSTLY SFT MED, SME
FRM, SME DOL, POR YEL FLOR,
GD WHT MLKY CUT, GD RES RNG

LS: PRED WHT, SME OFF WHT,
TRC CRM, MSTLY FN XLTN, SME V
FN XLTN, MSTLY SFT MED, SME
FRM, ABUN CHRT, SME DOL, POR
YEL FLOR, GD WHT MLKY CUT, GD
RES RNG

CHRT: PRED WHT, SME CRM, SME
OPQ WHT, TRC CLR, MSTLY V FN



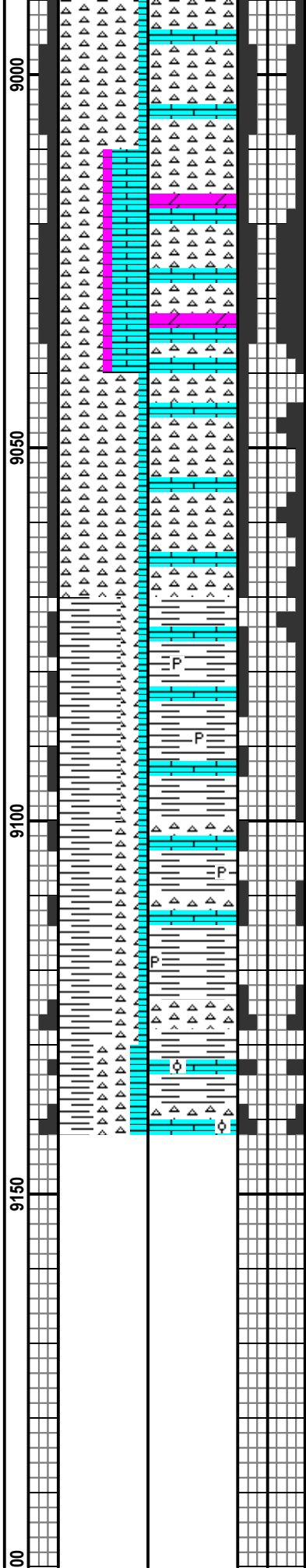
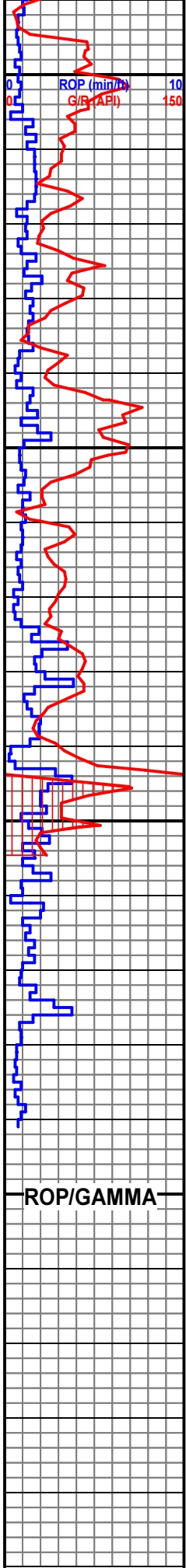
02/09/2013

WOB: 24.2
RPM: 62
SPM: 81
PSI: 2264

MD 9065 TVD 4728.18
INC 91.2 AZ 356.9
VS 4652.33

MD 9094 TVD 4727.55
INC 91.3 AZ 357
VS 4681.28

MD 9141 TVD 4726.48
INC 91.3 AZ 357
VS 4728.28



XLN, SME FN XLN, MSTLY BLKY,
MSTLY SUB ANG, SME ANG, SME
OIL STND, SME LS, SME YEL
FLOR, FR MLKY WHT CUT, FR RES
RNG

LS: PRED WHT, SME OFF WHT,
TRC CRM, MSTLY FN XTLL, SME V
FN XTLL, MSTLY SFT MED, SME
FRM, ABUN CHRT, SME DOL, POR
YEL FLOR, GD WHT MLKY CUT, GD
RES RNG

CHRT: PRED WHT, SME CRM, SME
OPQ WHT, TRC CLR, MSTLY V FN
XLN, SME FN XLN, MSTLY BLKY,
MSTLY SUB ANG, SME ANG, SME
OIL STND, SME LS, SME YEL
FLOR, GD MLKY WHT CUT, FR RES
RNG

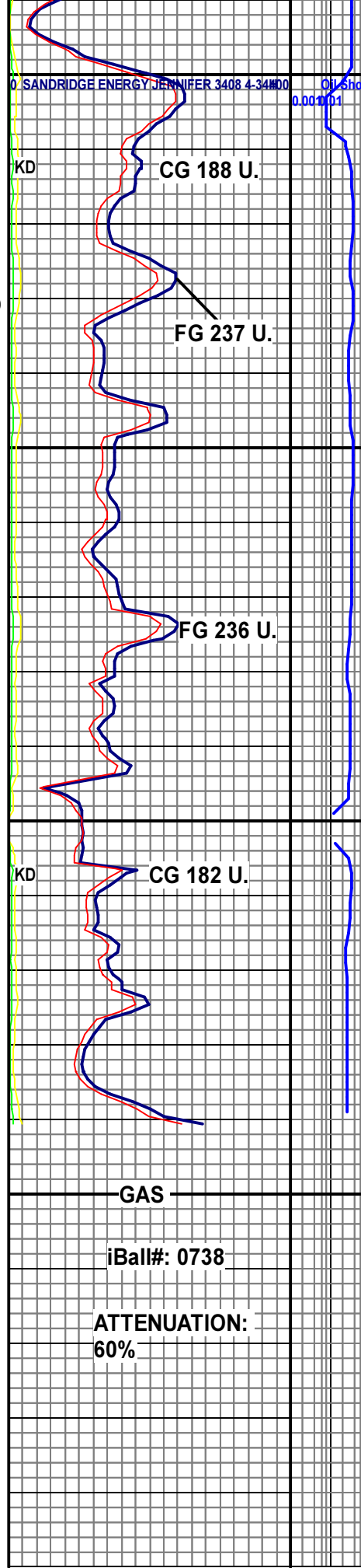
SH: MSTLY MED GY W/ DRK GY
MOT, TR OFF WHT - LT GY; VRY
FIS, SCAT CARB INCL, MSTLY SFT,
SME MOD FRM; CHRT PRED CLR,
TR YELSH, SME STNG, ABUN
ASPH, MNLY SUB ANG, HRD; LS:
MSTLY OFF WHT, SME STNG, SUB
ANG - SUB RND, BLKY, SME HL
FRAC POR; SME GRNSH FLOR,
SLW PR CUT, NO VIS RES RING

SH: MSTLY MED GY W/ DRK GY
MOT, SME OFF WHT - LT GY, SME
CARB INCL, MSTLY FIS, SFT - MOD
FRM, TR BRTL, SME CALC BED;
CHRT: MSTLY CLR, SME OPQ WHT,
ABUN ASPH; LS: PRED OFF WHT,
SME CRM, ABUN STNG, SME OOD
FOS, SUB ANG - SUB RND, BLKY,
SME HL FRAC POR; ABUN BRT
GRN FLOR, SLW FR GRNSH CUT,
THN GRN RES RING

TD @ 4,141'MD;
4,727'TVD (-3,457) ON
2/9/2013

SANDRIDGE ENERGY,
INC JENNIFER 3408
4-34H; SEC: 34, T34S,
R8W, HARPER CO., KS

GR: 1,270' KB: 1,288'



GAS

iBall#: 0738

ATTENUATION:
60%