



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
True Vertical Depth Log

Well Name: SALLY 3420 2-12H
Location: SECTION 12, T34S, R20W, COMANCHE COUNTY, KANSAS
License Number: 15033217130100
Spud Date: 04/29/2013
Surface Coordinates: 200' FNL & 2,200' FWL SECTION 12, T34S, R20W
Region: COMANCHE
Drilling Completed: 05/09/2013
Bottom Hole Coordinates: 330' FSL & 1,980' FWL SECTION 12, T34S, R20W
Logged BY: Blake Johnson/ Adam Bromley
Ground Elevation (ft): 1,791' K.B. Elevation (ft): 1,811'
Logged Interval (ft): 2,200' To: 9,599' Total Depth (ft): 9,599'
Formation: MISSISSIPPIAN
Type of Drilling Fluid: WATER/ NATIVE GEL

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: Maggie Roden/ Kathy Gentry
Company: Sandridge Energy, Inc
Address: 123 Robert S. Kerr Avenue, Ste. 2430
Oklahoma City, Oklahoma 73102-6406


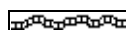
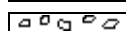

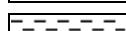







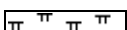

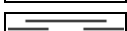
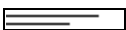

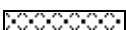

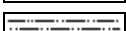
Cores

DSTs






































































Comments

Logged By: Blake Johnson/ Adam Bromley




























ROCK TYPES

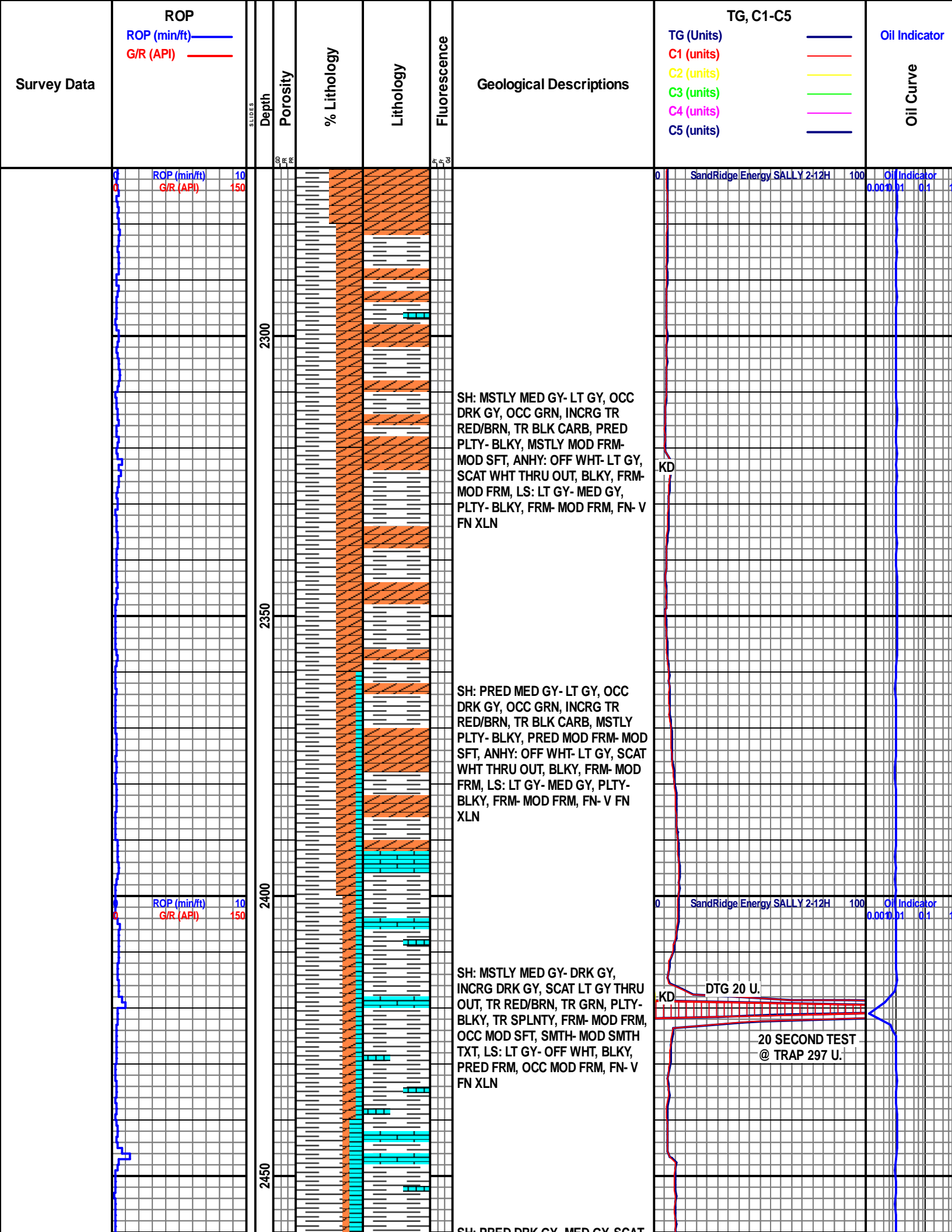
 Sndylm  Anhy  Bent  Brec  Cht  Clyst	 Coal  Leach  Congl  Dol  Gyp  Igne	 Lmst  Meta  Mrlst  Salt  Shale  Shcol	 Shgy  Ss  Till  Hotsh  Sltst
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ACCESSORIES

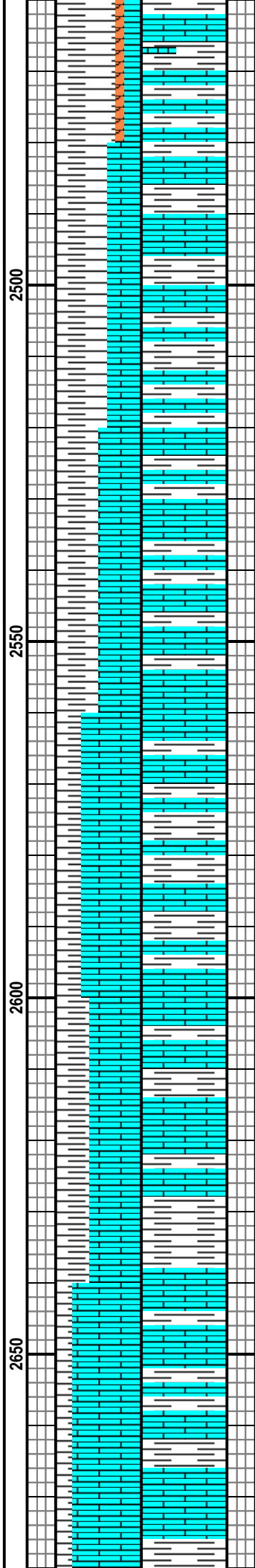
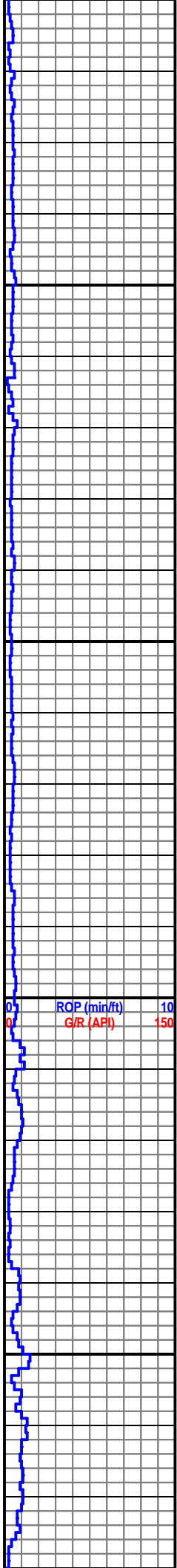
MINERAL  Anhy  Arggrn  Arg  Bent  Bit  Brecfrag  Calc  Carb  Chtdk  Chtlt  Dol  Feldspar  Ferrpel  Ferr  Glau  Gyp  Hvymn  Kaol  Marl	 Minxl  Nodule  Phos  Pyr  Salt  Sandy  Silt  Sil  Sulphur  Tuff FOSSIL  Algae  Amph  Belm  Bioclst  Brach  Bryozoa  Cephal  Coral	 Crin  Echin  Fish  Foram  Fossil  Gastro  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
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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 INTERVAL  Core  Dst EVENT  Rft  Sidewall
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WOB: 19.4
RPM: 73
SPM: 110
PP: 2200
GPM: 476



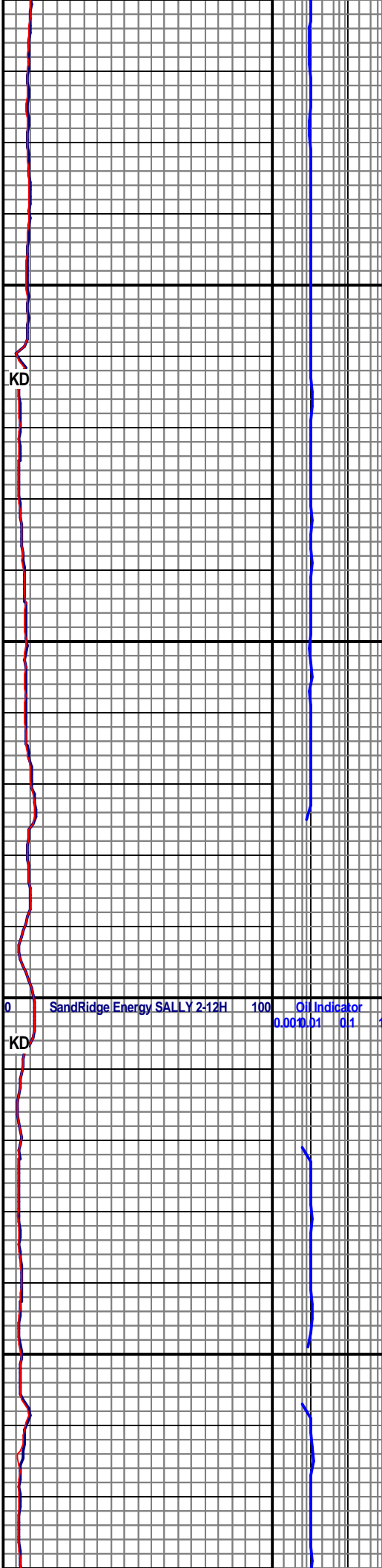
SH: PRED DRK GY- MED GY, SCAT
LT GY THRU OUT, PLTY- BLKY, MOD
MOD FRM- MOD SFT, TR FRM, MOD
SMTH- SMTH TXT, TR V FN SLTY
TXT, TR MICRO EMBD PYR, LS: LT
GY- OFF WHT, OCC MED GY,
MSTLY BLKY, PRED FRM- MOD
FRM, FN- V FN XLN

SH: MED GY- DRK GY, INCRG DRK
GY, PLTY- BLKY, MOD SFT- MOD
FRM, MOD SMTH- SMTH TXT, LS: LT
GY- OFF WHT, OCC WHT, SME MED
GY, MSTLY BLKY, TR PLTY, FRM-
MOD FRM, V FN- FN XLN

LS: MED GY- LT GY, SCAT OFF
WHT- WHT THRU OUT, OCC DRK
GY, SME MTTLD, PRED BLKY, TR
PLTY, MSTLY MOD FRM- FRM, SCAT
MOD SFT- BRIT, V FN- FN XLN, SH:
DRK GY- MED GY, OCC BRN/RED,
PLTY- BLKY, MOD SFT- MOD FRM,
MOD SMTH- SMTH TXT, N/S

LS: PRED MED GY- LT GY, SCAT
OFF WHT- WHT THRU OUT, OCC
DRK GY, SME MTTLD, PRED BLKY,
TR PLTY, MSTLY MOD FRM- FRM,
SCAT MOD SFT- BRIT, V FN- FN
XLN, SH: DRK GY- MED GY, OCC
BRN/RED, PLTY- BLKY, MOD SFT-
MOD FRM, MOD SMTH- SMTH TXT,
N/S

LS: MSTLY LT GY- MED GY, SCAT
OFF WHT- WHT THRU OUT, INCRG
OFF WHT, PRED BLKY, OCC PLTY,
MOD FRM- FRM, TR BRIT, V FN- VN
XLN, SH: MED GY- LT GY, TR DRK
GY, BLKY- PLTY, MOD SFT- MOD
FRM, SMTH- MOD SMTH TXT, N/S



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

SandRidge Energy SALLY 2:12H 100
Oil Indicator 0.001 0.01

2500

2550

2600

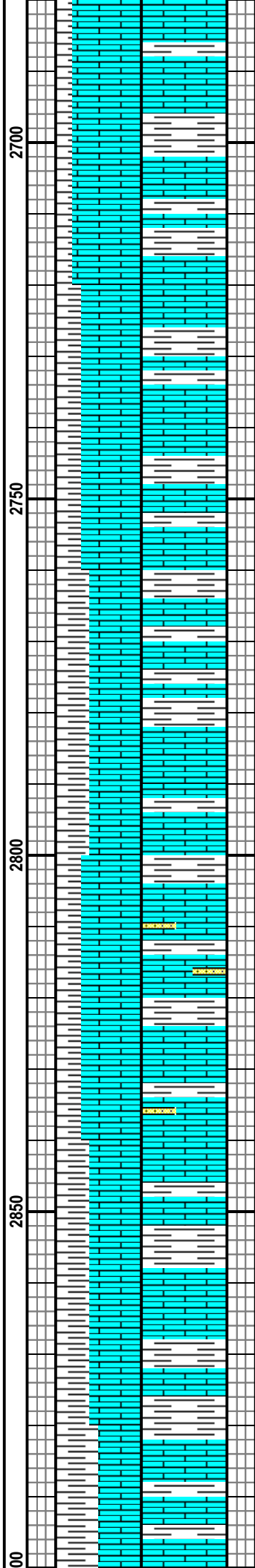
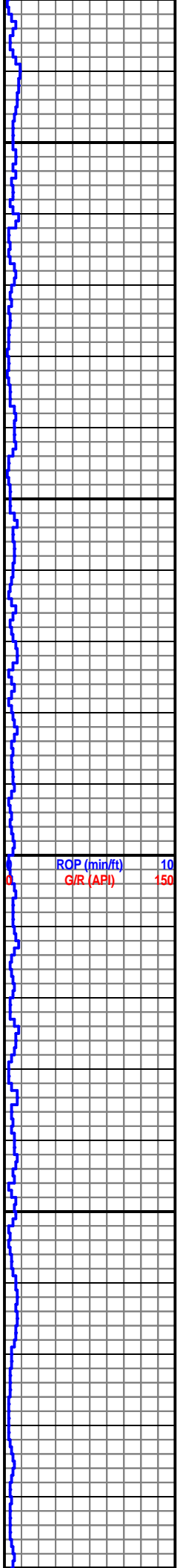
2650

KD

KD

MD 2745 TVD 2744.67
INC 0.71 AZ 212.06
VS 36.35

WOB: 17.8
RPM: 71
SPM: 110
PP: 2459
GPM: 475



LS: PRED LT GY- OFF WHT, SCAT
MED GY THRU OUT, OCC MTTLD,
MSTLY BLKY, OCC PLTY, FRM-
MOD FRM, V FN- FN XLN, SH: PRED
MED GY- LT GY, TR DRK GY,
MSTLY BLKY- PLTY, PRED MOD
SFT- MOD FRM, SMTH- MOD SMTH
TXT, N/S

LS: MSLTY LT GY- OFF WHT,
INCRNG MED GY, SCAT MED TAN,
PRED BLKY, SME PLTY, FRM- MOD
FRM, V FN- FN XLN, SH: PRED MED
GY- DK GY, SME LT GY, BLKY-
PLTY, MOD SFT- MOD FRM, OCC
SFT, SMTH- MOD SMTH SLTY TXT,
N/S

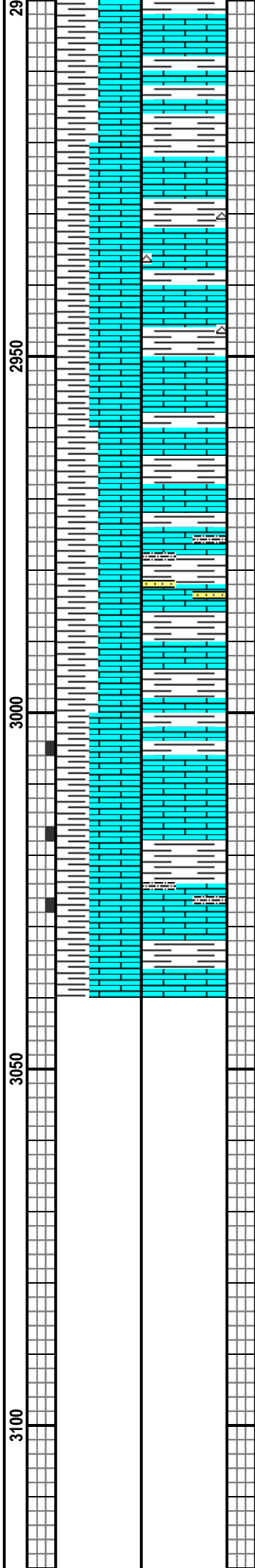
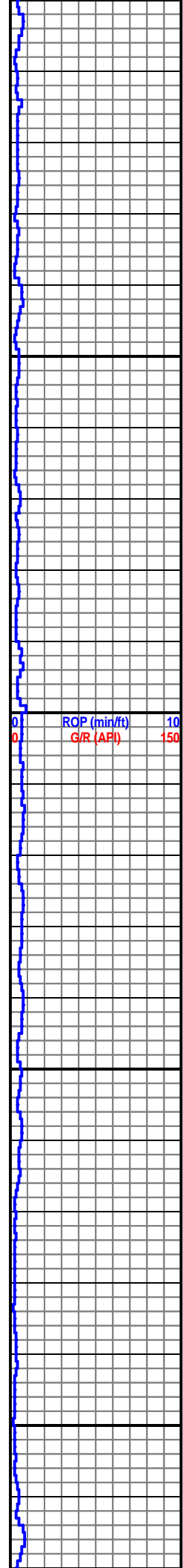
LS: PRED LT GY- OFF WHT, OCC
MED TAN, BLKY PLTY, MOD FRM-
MOD SFT, SME HD, SCAT
BRIT/CHLKY, V FN- FN XLN, SCAT
MICRO FN XLN, SH: MSTLY MED
GY- LT GY, SME DK GY, BLKY,
SCAT PLTY, MOD SFT- SFT, MOD
SMTH- SMTH SLTY TXT, TR SS, N/S

LS: MSTLY LT GY- OFF WHT, OCC
MTTLD MED TAN, BLKY- PLTY, MOD
FRM- MOD SFT, SME HD, OCC
BRIT/CHLKY, V FN- FN XLN, SME
MICRO FN XLN, SH: PRED MED GY-
DK GY, OCC LT GY THRU OUT, SME
BRN/RED, BLKY- PLTY, MOD SFT-
MOD FRM, OCC SFT, MOD SMTH-
MOD RGH SLTY TXT, N/S



SandRidge Energy SALLY 2:12H Oil Indicator

WOB: 20.9
RPM: 69
SPM: 101
PP: 2206
GPM: 438



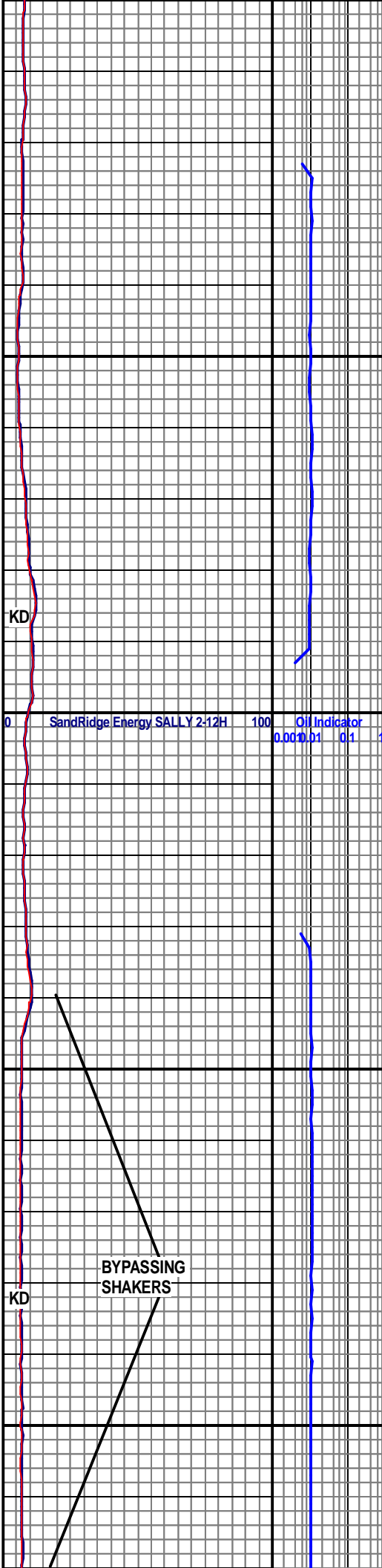
LS: PRED LT GY- OFF WHT, LT TAN-MED TAN, BLKY- PLTY, MOD FRM- MOD SFT, SCAT HD, OCC BRIT/CHLKY, V FN- FN XLN, SME MICRO FN XLN SH: MSTLY MED GY- DK GY, SCAT LT GY THRU OUT, SME BRN/RED, PRED BLKY, SME PLTY, MOD SFT- MOD FRM, OCC SFT, MOD SMTH- SMTH SLTY TXT, TR CHT, N/S

LS: MSTLY LT GY- OFF WHT OCC LT TAN, PLTY- BLKY, MOD FRM- MOD SFT, SCAT BRIT/ CHLKY, V FN- FN XLN, SH: PRED MED GY- LT GY, SME DK GY THRU OUT, OCC RED/BRN, BLKY, SME PLTY, MOD SFT- MOD FRM, SMTH- MOD SMTH SLTY TXT, TR SS, TR SLTST, TR MICRO INGRND PYR, N/S

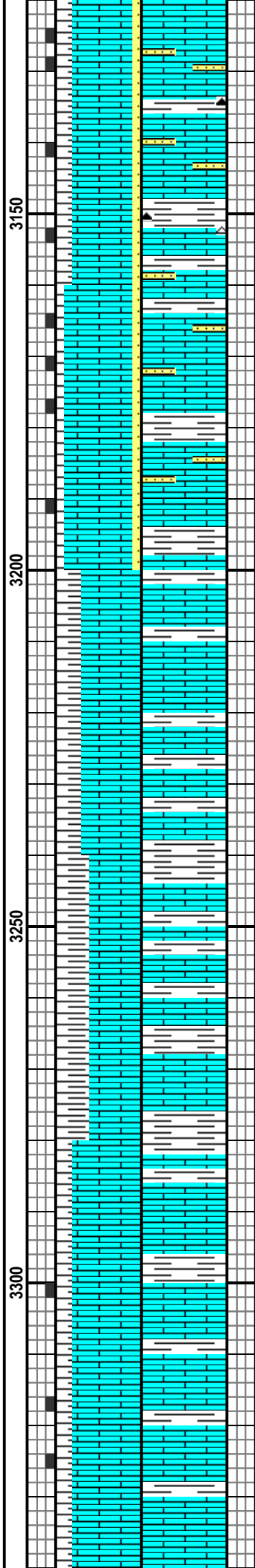
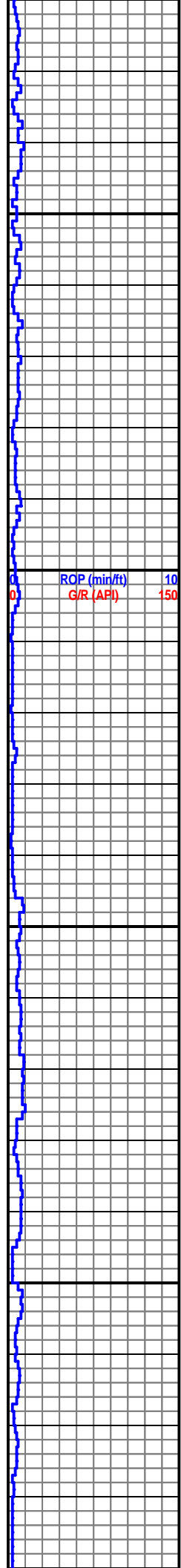
LS: PRED LT GY- OFF WHT, SME MTTLD LT TAN, BLKY- PLTY, MOD FRM- FRM, TR HL FRAC POR, V FN- MICRO FN XLN, SH: MSLTY MED GY- LT GY, OCC DK GY, PRED BLKY, MOD SFT- SFT, MOD SMTH- MOD RGH SLTY TXT, TR SLTST, N/S

**BYPASSING SHAKERS
SWITCH TO LIGNITE**

FINISH BYPASSING



MD 3219 TVD 3218.63
INC 0.71 AZ 224.27
VS 41.11



LS: MSTLY LT TAN- MED TAN,
SCAT OFF WHT THRU OUT, TR
OOL, PLTY, SME BLKY, TR BRECH,
TR HL FRAC POR, MICRO FN- V FN
XLN, SH: PRED MED GY- LT GY,
SME DK GY, SCAT RED/BRN THRU
OUT, MSTLY PLTY, SME SPLTY,
MOD SFT- MOD FRM, SMTH- MOD
SMTH SLTY TXT, TR SS, TR CHT,
N/S

LS: PRED LT TAN- MED TAN, SCAT
OFF WHT THRU OUT, TR OOL,
PLTY, SME BLKY, TR BRECH, TR
HL FRAC POR, MICRO FN- V FN
XLN, SH: MSTLY MED GY- LT GY,
OCC DK GY, SME RED/BRN, BLKY-
PLTY, SCAT SPLTY, MOD SFT- SFT,
SMTH- MOD SMTH SLTY TXT, TR
SS, TR CHT, CRINAL, N/S

LS: MSTLY MED TAN- TAN, TR OOL,
FRM- HD, OCC MOD FRM, BLKY,
SME PLTY, MICRO FN- V FN XLN,
SH: PRED MED GY- DK GY, OCC LT
GY, BLKY- PLTY, MOD SFT- SFT,
MOD SMTH- SMTH, SLTY TXT, OCC
RGH SLTY TXT, TR MICRO INGRND
PYR, N/S

INSTALL ROTATING DRIVE
ASSEMBLY

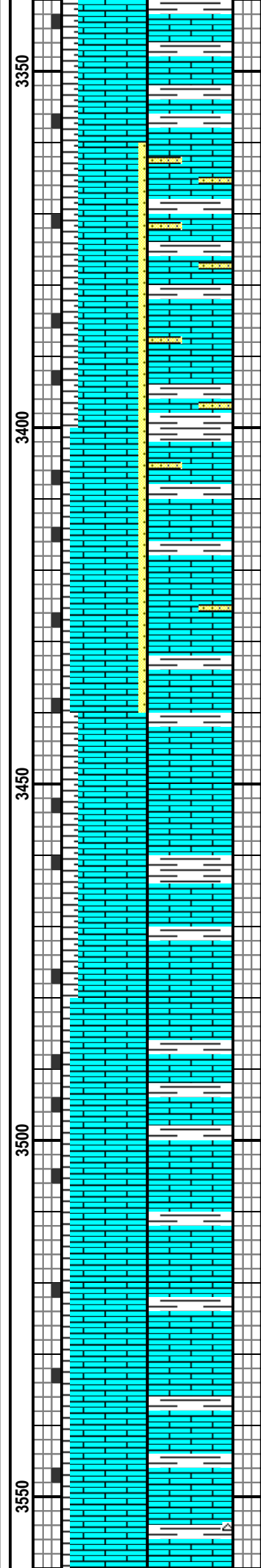
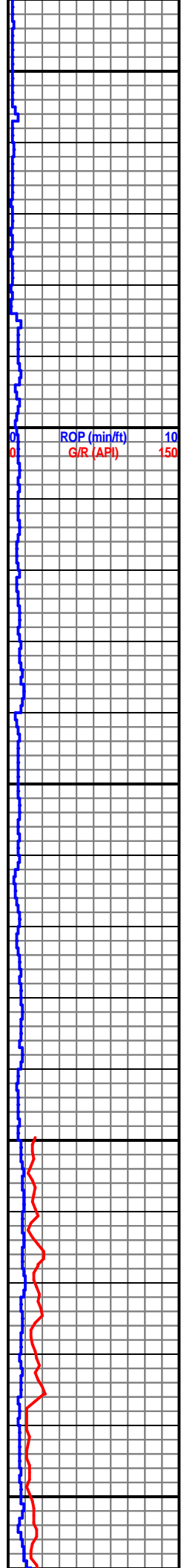
LS: PRED MED TAN- TAN, TR OOL,
MOD FRM- FRM, SME HD, BLKY,
SME PLTY, MICRO FN- V FN XLN,
SH: MSTLY MED GY- DK GY, OCC
LT GY, BLKY- PLTY, MOD SFT- SFT,
MOD SMTH- SMTH, SLTY TXT, TR
SS, NS

LS: MSTLY LT TAN- MED TAN, TR
OOL, BLKY, MOD FRM- FRM, TR
BRECH, TR HL FRAC POR, MICRO
FN- V FN XLN, SH: PRED SH:
MSTLY MED GY- LT GY, SCAT DK
GY THRU OUT, BLKY, SFT- MOD
SFT, OCC MOD FRM, MOD RGH-
MOD SMTH SLTY TXT, TR FREE
PYR, N/S



05/03/2013 @
3,366' MD

WOB: 22.9
RPM: 71
SPM: 109
PP: 2450
GPM: 449

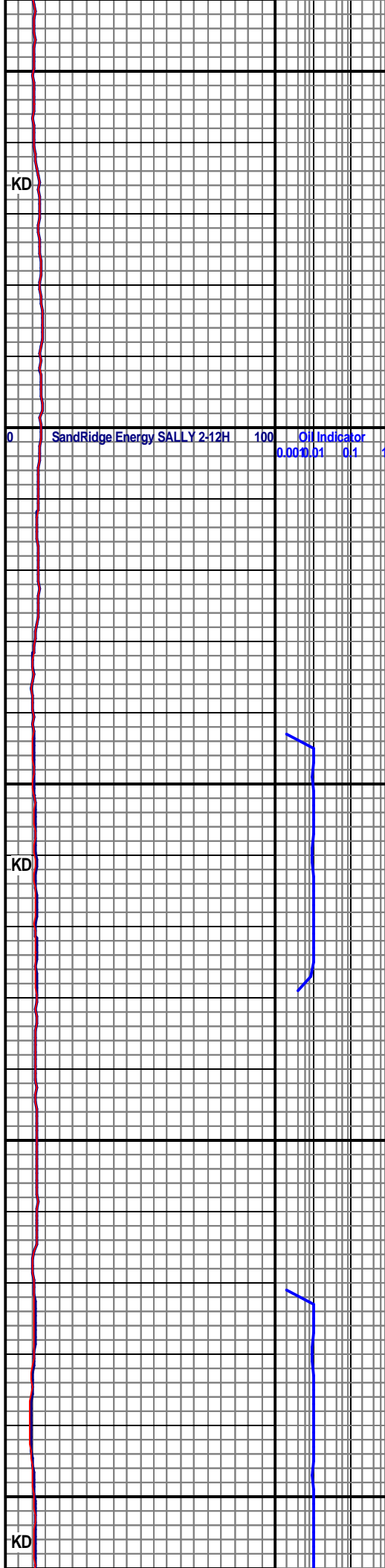


LS: PRED LT TAN- MED TAN, TR
OFF WHT, BLKY- PLTY, MOD FRM-
FRM, OCC HD, MICRO FN- V FN
XLN, TR HL FRAC POR, SH: MSTLY
MED GY- LT GY, SCAT DK GY THRU
OUT, BLKY- PLTY, SFT- MOD SFT,
OCC MOD FRM, MOD SMTH- MOD
RGH SLTY TXT, TR SS, TR FREE
PYR, N/S

LS: MSTLY LT TAN- MED TAN, TR
OOL, MOD SFT- MOD FRM, SME
CHLKY/ BRIT, TR BRECH, TR HL
FRAC POR, MICRO FN- V FN XLN,
SH: PRED MED GY- LT GY, OCC DK
GY, BLKY- PLTY, OCC SPLTY, MOD
SFT- SFT, MOD RGH- MOD SMTH
SLTY TXT, TR SS, TR FREE PYR,
N/S

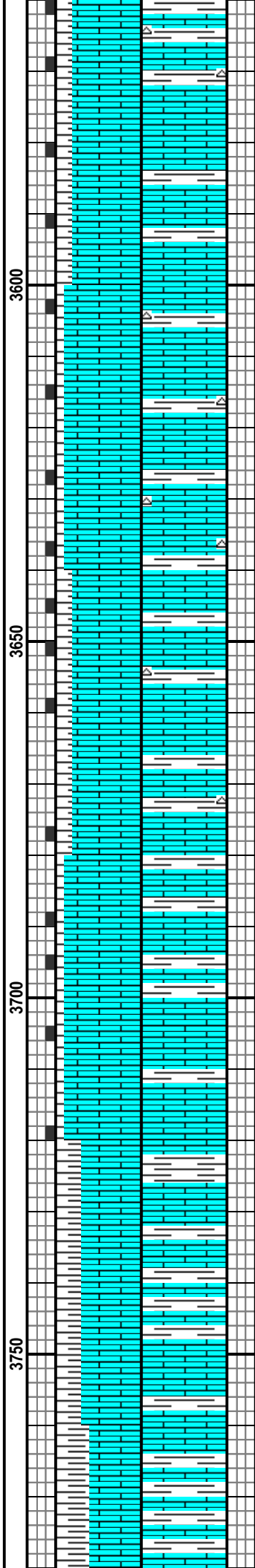
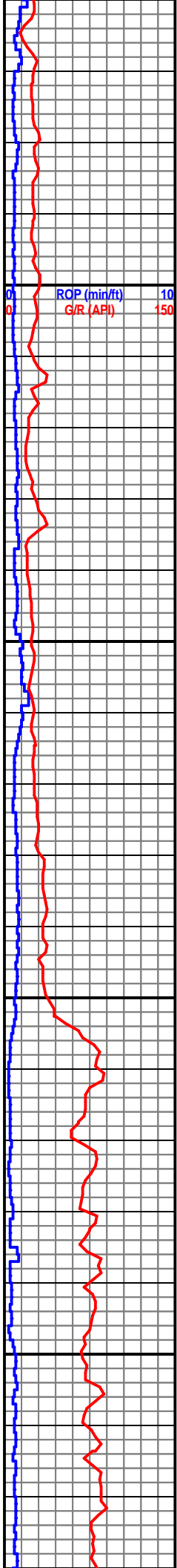
LS: PRED LT TAN- MED TAN, TR
OOL, BLKY- PLTY, MOD FRM- FRM,
SME HD, OCC BRIT/ CHLKY, TR
BRECH, TR HL FRAC POR, MICRO
FN- V FN XLN, SH: MED GY- DK GY,
SCAT LT GY, PLTY- SPLTY, SFT-
MOD SFT, SMTH- MOD SMTH SLTY
TXT, TR MICRO INGRND PYR, N/S

LS: MSTLY LT TAN- MED TAN OCC,
OFF WHT, TR OOL, PLTY- BLKY,
MOD FRM- MOD SFT, SME
BRIT/CHLKY, TR BRECH, TR HL
FRAC POR, MICRO FN- V FN XLN,
SH: MED GY- DK GY, SCAT LT GY,
BLKY-PLTY, SFT- MOD SFT, SMTH-
MOD SMTH SLTY TXT, TR FREE
PYR, N/S



WOB: 38
RPM: 72
SPM: 109
PP: 2346
GPM: 446

MD 3693 TVD 3692.59
INC 0.8 AZ 236.48
VS 45.27



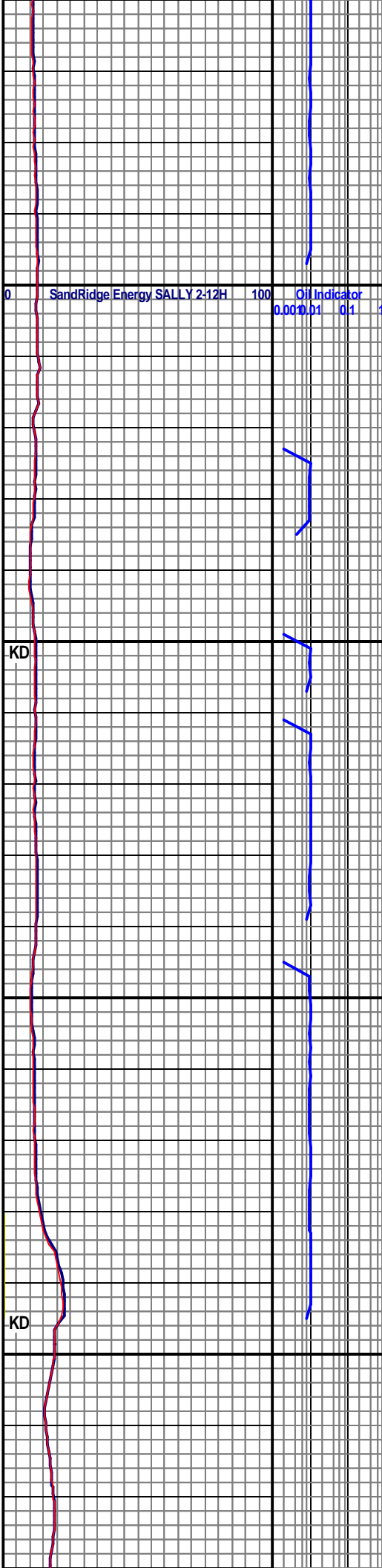
LS: PRED LT TAN- MED TAN, SCAT
OFF WHT, BLKY- PLTY, MOD FRM-
FRM, OCC BRIT, TR BRECH, TR HL
FRAC POR, TR BRECH, MICRO FN-
V FN XLN, SH: MED GY- DK GY,
BLKY-PLTY, SME SPLTY, SFT- MOD
SFT, SMTH SLTY- SUB WXY TXT,
TR CHT, N/S

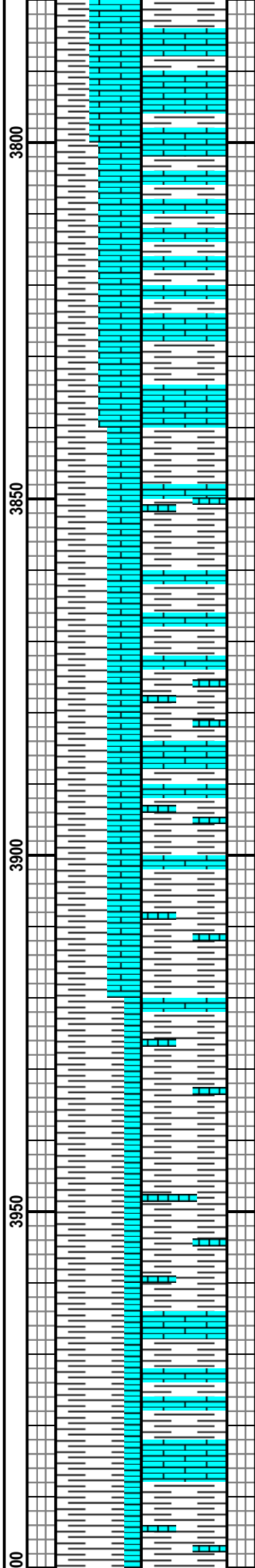
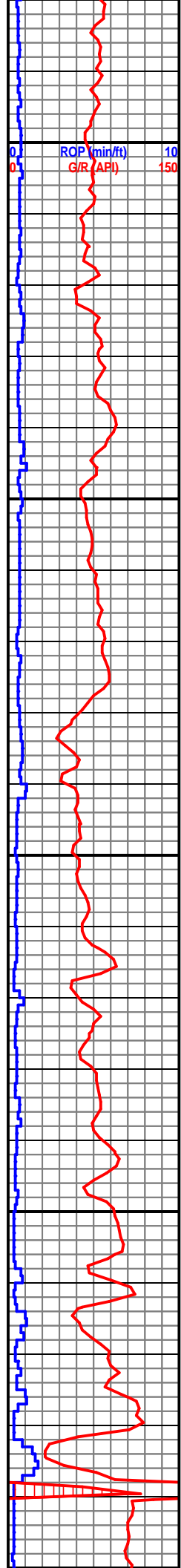
LS: MSTLY LT TAN- MED TAN, OCC
OFF WHT, BLKY- PLTY, TR OOL,
MOD FRM- FRM, OCC BRECH, TR
HL FRAC POR, MICRO FN- V FN
XLN, SH: PRED MED GY- DK GY,
OCC LT GY, BLKY-PLTY, MOD SFT-
MOD FRM, SMTH SLTY- SUB WXY
TXT, TR CHT, N/S

LS: PRED LT TAN- MED TAN, SCAT
OFF WHT THRU OUT, TR OOL,
MSTLY BLKY, SCAT PLTY, MOD
FRM- FRM, OCC HD, OCC BRECH,
TR HL FRAC POR, MICRO FN- V FN
XLN, SH: MSTLY MED GY- DK GY,
BLKY-PLTY, MOD SFT- MOD FRM,
MOD SMTH- MOD RGH SLTY TXT,
TR CHT, TR FREE PYR, N/S

LS: MSTLY LT TAN- MED TAN, SME
OFF WHT, BLKY- PLTY, MOD FRM-
FRM, OCC BRECH, TR HL FRAC
POR, MICRO FN- V FN XLN, SH:
MSTLY MED GY- DK GY, OCC
RED/BRN, BLKY-PLTY, MOD SFT-
MOD FRM, MOD SMTH- MOD RGH
SLTY TXT, TR FREE PYR, N/S

LS: PRED MED TAN- LT TAN, TR
OFF WHT, MSTLY BLKY, SME PLTY,
FRM- MOD FRM, TR CHLKY, V FN-
MICRO FN XLN, TR BRECH, TR HL
FRAC POR, SH: PRED DRK GY-
MED GY, SCAT BLK THRU OUT,
BLKY TR PLTY, MOD FRM- MOD



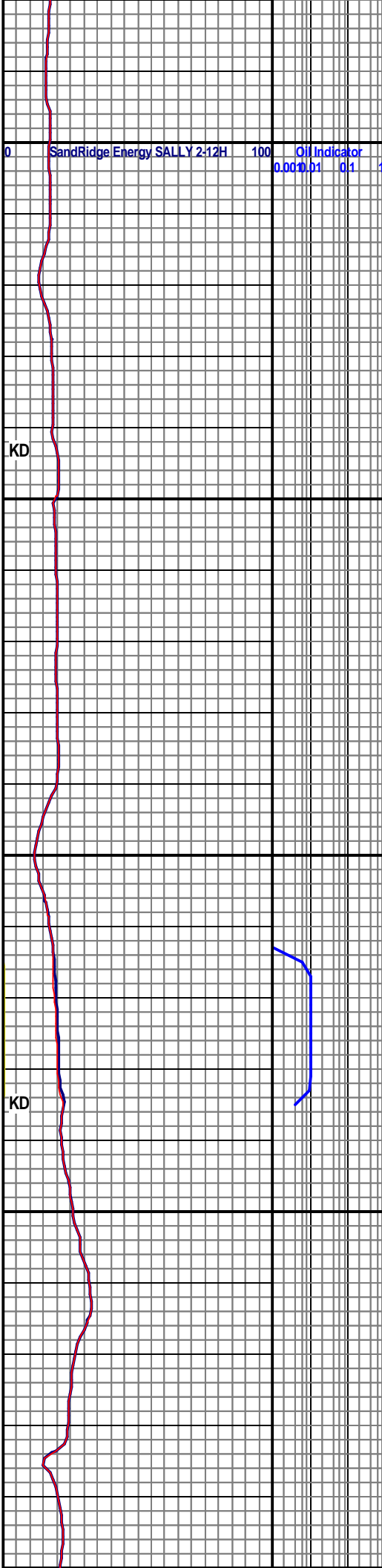


SH: MSTLY DRK GY, SCAT BLK THRU OUT, OCC MED GY, PRED BLKY, OCC PLTY, MOD FRM- MOD SFT, MOD SMTH- FN SLTY TXT, LS: MED TAN- LT TAN, BLKY- PLTY, MOD FRM- MOD SFT, SCAT CHLKY THRU OUT, MICRO FN- V FN XLN, TR HL FRAC, TR BRECH

SH: PRED DRK GY, SCAT MED GY, DCRG BLK, MSTLY BLKY, MOD FRM- MOD SFT, INCRG MOD SFT, MOD SMTH BCMG SLTY TXT, SCAT MOD RGH THRU OUT, LS: MED TAN- LT TAN, BLKY- PLTY, MOD FRM, OCC MOD SFT/CHLKY, MICRO FN- V FN XLN, TR BRECH

SH: MSTLY DRK GY, SCAT MED GY, TR BLK, BLKY, MOD SFT- MOD FRM, BLKY- PLTY, MOD SMTH- MOD RGH SLTY TXT, LS: PRED LT TAN, OCC LT GY, TR MED TAN, BLKY- PLTY, MOD FRM- FRM, MICRO FN- V FN XLN, TR HL FRAC POR

SH: PRED DRK GY, SCAT MED GY THRU OUT, TR BLK, MSTLY BLKY, MOD SFT- MOD FRM, MOD SMTH- MOD RGH SLTY TXT, LS: PRED LT TAN, OCC LT GY, TR MED TAN, BLKY- PLTY, MOD FRM- FRM, MSTLY MICRO FN- V FN XLN, TR HL FRAC POR

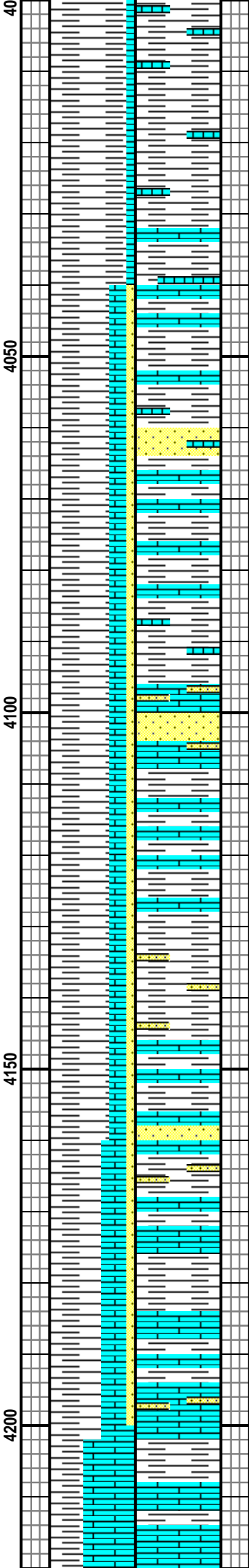
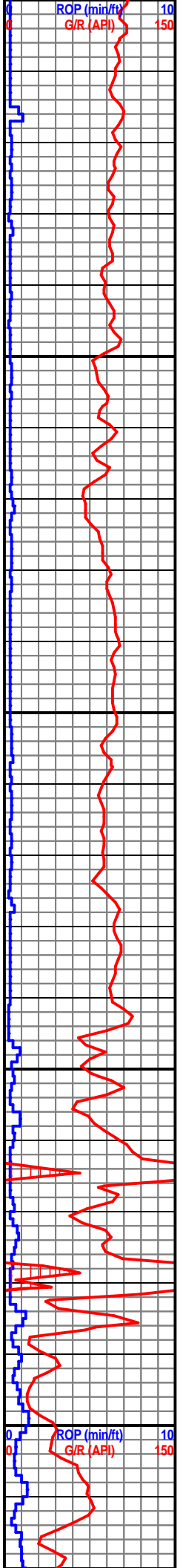


KD

KD

SPM: 109
PP: 2609
GPM: 446

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



SH: DRK GY, INCRG MED GY,
DCRG TR BLK, PRED BLKY, MOD
SFT- MOD FRM, SLI INCRG MOD
FRM, MOD SMTH- MOD RGH SLTY
TXT, INCRG MOD RGH, LS: LT TAN,
INCRG MED TAN, TR LT GY, BLKY-
PLPTY, MICRO FN- V FN XLN, TR
HL FRAC POR

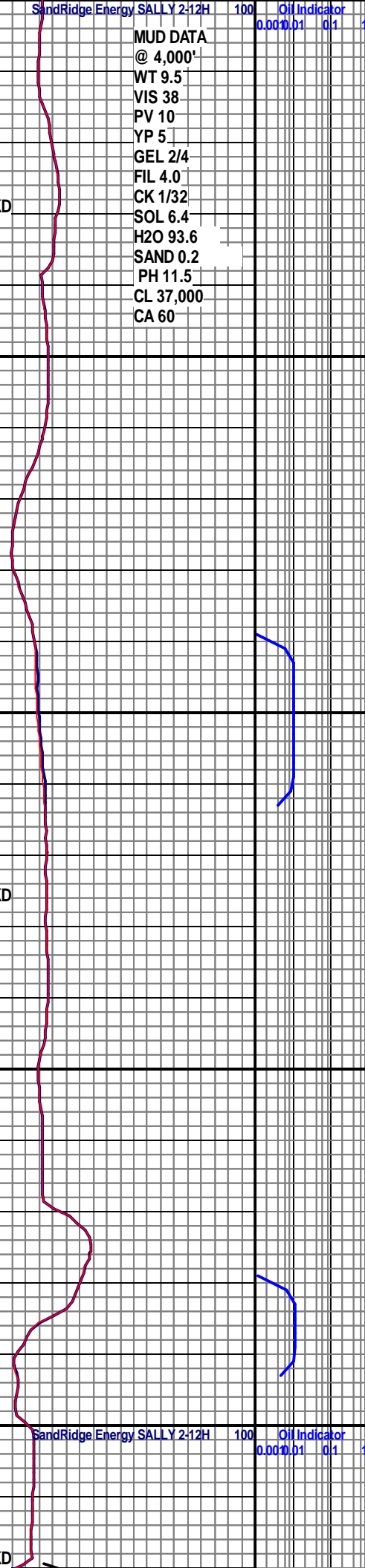
SH: MSTLY DRK GY- MED GY, TR
BLK, BLKY- PLTY, MOD FRM- MOD
SFT, MOD RGH SLTY TXT- MOD
SMTH TXT, LS: MSTLY LT TAN, SME
MED TAN, PLTY- BLKY, MOD FRM-
MOD SFT, OCC FRM, MICRO FN- V
FN XLN, TR SNDY LS, TR SS: LT
TAN- MED TAN, CONS, FR- GD SRT,
SLI FRI, CALC CEMNTIMTX

SH: PRED DRK GY- MED GY, INCRG
MED GY, TR BLK CARB, MSTLY
BLKY, OCC PLTY, DCRG PLTY, MOD
SFT- MOD FRM, MOD RGH SLTY
TXT, OCC MOD SMTH TXT, LS:
PRED LT TAN- LT GY, SME MED
TAN, BLKY- PLTY, MOD FRM- FRM,
TR MOD SFT, MICRO FN XLN, TR
SS: MSTLY TAN, TR LT GY, V
CONS, GD- FR SRT, MOD FRM, TR
SLI FRI, CALC CMNTIMTX

SH: MSTLY MED GY- DRK GY,
PRED BLKY, TR PLTY, MOD SFT-
MOD FRM, MOD RGH SLTY TXT, TR
MOD SMTH TXT, LS: LT TAN- LT GY,
SCAT MED TAN, BCMG LT TAN-
MED TAN, PLTY- BLKY, MOD FRM-
MOD SFT, SCAT CHLKY, MICRO FN-
V FN XLN, TR HL FRAC POR, TR
BRECH

**HEEBNER BASE @ 4,184'
MD**

LS: PRED LT TAN- MED TAN, SCAT
LT GY THRU OUT, PLTY- BLKY,
INCRG PLTY, MOD FRM- MOD SFT,
TR FRM, MICRO FN- V FN XLN, TR
HL FRAC POR, SH: DRK GY- MED
GY, TR BLK, MSTLY BLKY, SLI
INCRG PLTY, MOD RGH SLTY TXT



MUD DATA
@ 4,000'
WT 9.5
VIS 38
PV 10
YP 5
GEL 2/4
FIL 4.0
CK 1/32
SOL 6.4
H2O 93.6
SAND 0.2
PH 11.5
CL 37,000
CA 60

MD 4168 TVD 4167.57
INC 0.31 AZ 274.55
VS 47.2

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

SandRidge Energy SALLY 2:12H 100 Oil Indicator 0.00 0.01 0.1

WOB: 16.5
RPM: 70
SPM: 75
PP: 1731
GPM: 311

MD 4307 TVD 4306.57
INC 0.09 AZ 223.56
VS 47.27

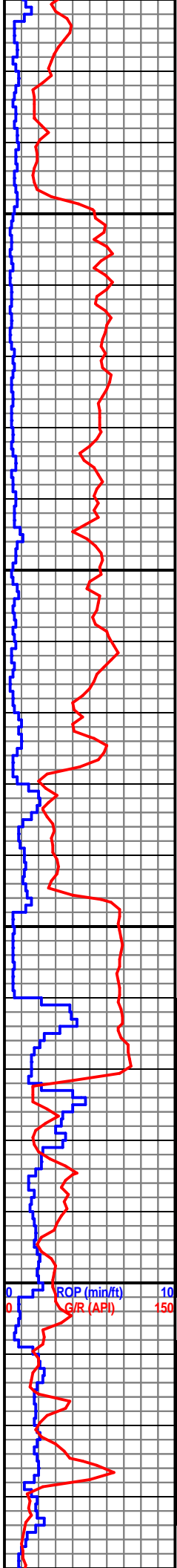
MD 4327 TVD 4326.57
INC 0.31 AZ 226.25
VS 47.32

MD 4358 TVD 4357.57
INC 1.19 AZ 207.74
VS 47.68

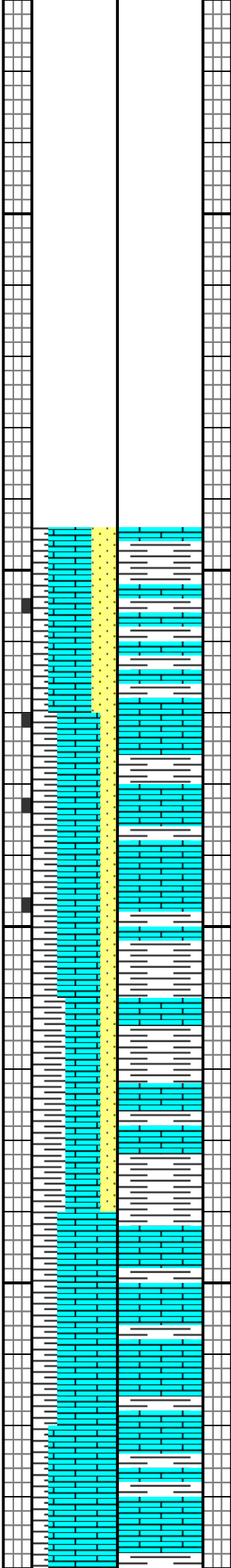
**05/04/2013 @
4,361' MD**

MD 4390 TVD 4389.54
INC 3.58 AZ 199.94
VS 48.93

MD 4422 TVD 4421.42
INC 6.1 AZ 209.77
VS 51.4



4250
4300
4350
4400



NO SAMPLE DESCRIPTION DUE TO SHAKER BYPASS

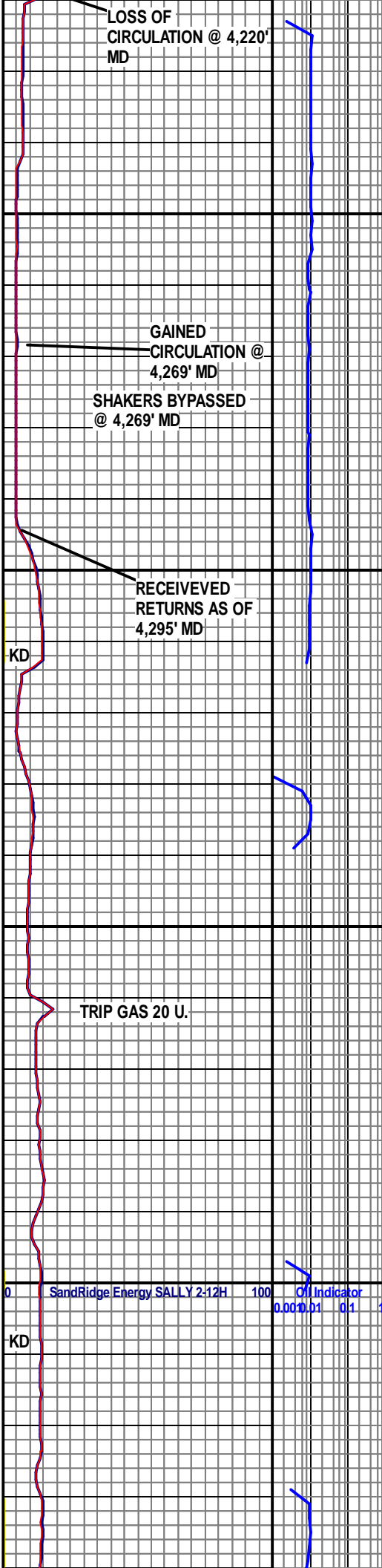
LS: MSTLY LT TAN- MED TAN, OCC LT GY, MSTLY PLTY, OCC BLKY, MOD FRM- MOD SFT, TR CHLKY, PRED MICRO FN XLN, OCC V FN XLN, TR HL FRAC POR, SH: MSTLY GY, BLKY, MOD SFT- MOD FRM, MOD RGH SLTY TXT, SS: MSTLY LT GY- MED GY, SCAT LT TAN, CONS, GD- FR SRT, SUB RND- SUB ANG, SLI CALC CMNTIMTX, TR PR INTRGRNLR POR

TOOH FOR BHA @ 4,360'
MD NB # 4 8.75"
HALLIBURTON PDC SN# 12109592 5X 16'S BEND
ANG: 2.120 REV/GAL:
0.280

LANSING 4,372' MD
4,371' TVD (-2,560')

SH: PRED MED GY- DK GY, ABBUND RED/BRN, OCC LT GY, BLKY- PLTY, TR SPLTY, SFT- MOD SFT, RGH- MOD RGH SLTY TXT, LS: MSTLY LT TAN- MED TAN, BLKY- PLTY, MOD FRM- FRM, TR CHLKY, MICRO FN- V FN XLN, TR HL FRAC POR

LS: PRED MED TAN- LT TAN, BLKY- PLTY, INCRG PLTY, FRM- MOD FRM, OCC CHLKY, V FN- MICRO FN XLN, TR HL FRAC POR, TR BRECH, SH: MED GY- DRK GY, SCAT LT GY THRU OUT, BLKY- PLTY, MOD SMTH FN SLTY TXT, MOD SFT- SFT, TR MOD FRM, TR CHT: MSTLY BRN, SPLNTY- BLKY



LOSS OF CIRCULATION @ 4,220' MD

GAINED CIRCULATION @ 4,269' MD

SHAKERS BYPASSED @ 4,269' MD

RECEIVED RETURNS AS OF 4,295' MD

TRIP GAS 20 U.

SandRidge Energy SALLY 2-12H 100 Off Indicator 0.00 0.01 0.1

MD 4453 TVD 4452.17
INC 8.4 AZ 211.58
VS 54.86

MD 4485 TVD 4483.72
INC 10.78 AZ 211.75
VS 59.52

MD 4517 TVD 4515.06
INC 12.59 AZ 210.56
VS 65.23

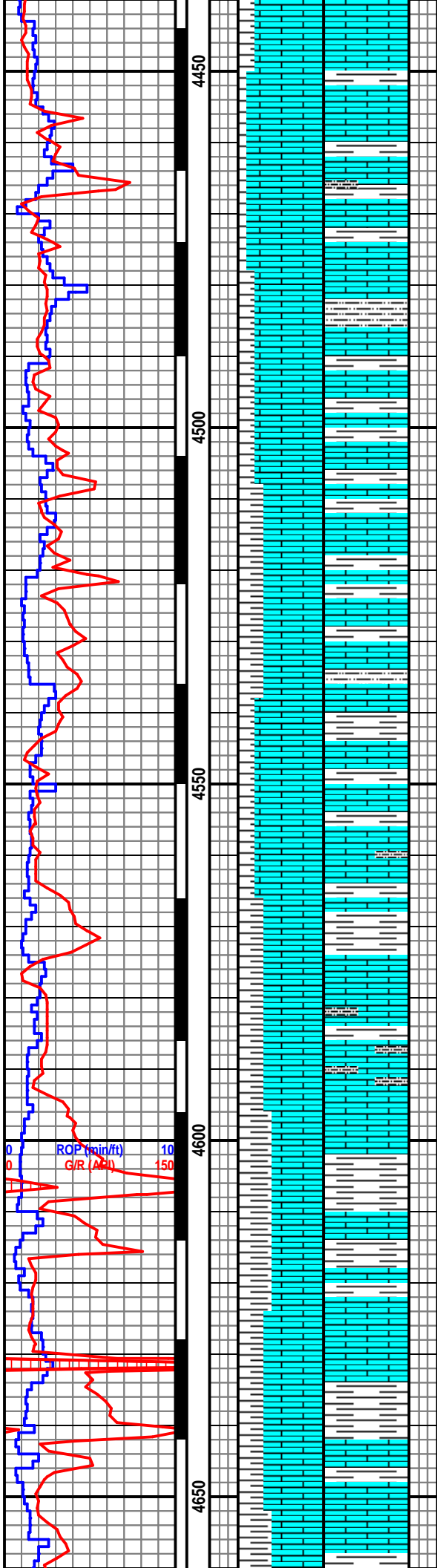
MD 4548 TVD 4545.19
INC 14.49 AZ 208.98
VS 71.7

MD 4580 TVD 4576.01
INC 16.79 AZ 207.35
VS 79.5

WOB: 12.4
RPM: 0
SPM: 104
PP: 2420
GPM: 430

MD 4612 TVD 4606.44
INC 19.18 AZ 204.88
VS 88.58

MD 4643 TVD 4635.56
INC 20.99 AZ 203.56
VS 98.49



LS: MSTLY MED TAN- LT TAN,
INCRG LT TAN, TR LT GY, PLTY-
BLKY, FRM- MOD FRM, OCC BRIT, V
FN- MICRO FN XLN, TR HL FRAC
POR, SH: MED GY- LT GY, SCAT
DRK GY, BLKY, TR PLTY, MOD SFT-
SFT, V FN SLTY TXT, TR FREE PYR

LS: PRED LT TAN- MED TAN, TR
OFF WHT, PLTY- BLKY, FRM- MOD
FRM, TR BRIT, V FN- MICRO FN
XLN, TR HL FRAC POR, SH: MED
GY- LT GY, OCC DRK GY, MSTLY
BLKY, MOD FRM- MOD SFT, V FN
SLTY TXT, TR FREE PYR, TR CHT

LS: MSTLY LT TAN- MED TAN, TR
OFF WHT, PLTY- BLKY, MOD FRM-
FRM, SCAT CHLKY/BRIT, V FN-
MICRO FN XLN, OCC BRECH, TR
HL FRAC POR, SH: MED GY- LT GY,
TR DRK GY, TR BLK, BLKY, MOD
SFT- MOD FRM, V FN SLTY TXT, TR
FREE PYR

LS: PRED LT TAN- MED TAN, OCC
OFF WHT, PLTY- BLKY, MOD FRM-
FRM, SCAT MOD SFT, MSTLY V FN
XLN, OCC MICRO FN XLN, TR
BRECH, TR HL FRAC POR, SH:
MED GY- LT GY, INCRG LT GY, SME
DRK GY- BLK, TR CARB, BLKY-
SPLNTY, MOD SFT- MOD FRM,
SCAT SFT THRU OUT, FN RGH
SLTY TXT

LS: MSTLY LT TAN- OFF WHT, SCAT

KD

KD

MUD DATA
AT 4,480'
WT 9.4
VIS 37
PV 12
YP 4
GEL 1/3
FIL 4.8
CK 1/32
SOL 5.8
H2O 94.2
SAND 0.5
PH 9.5
CL 32,000
CA 40

SandRidge Energy SALLY 2:12H Oil Indicator

DTG 16 U.

MD 4675 TVD 4665.23
INC 22.98 AZ 202.94
VS 109.71

MD 4707 TVD 4694.44
INC 25.19 AZ 202.68
VS 121.99

MD 4738 TVD 4722.27
INC 27.09 AZ 201.84
VS 134.86

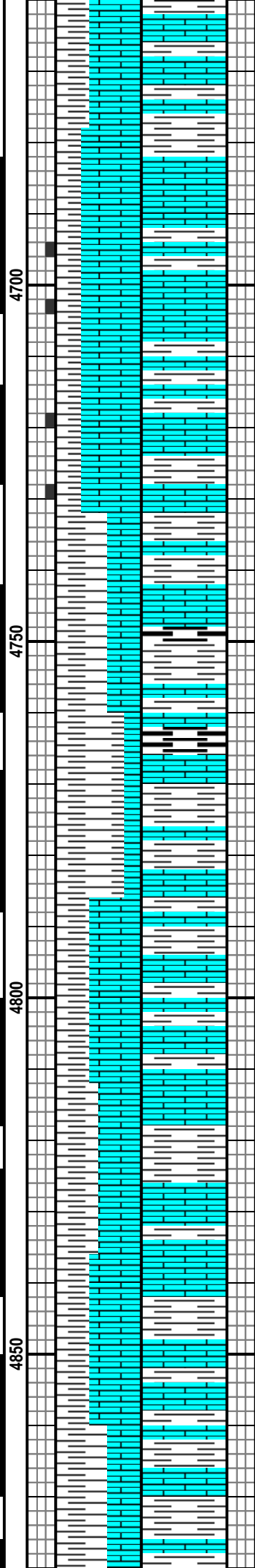
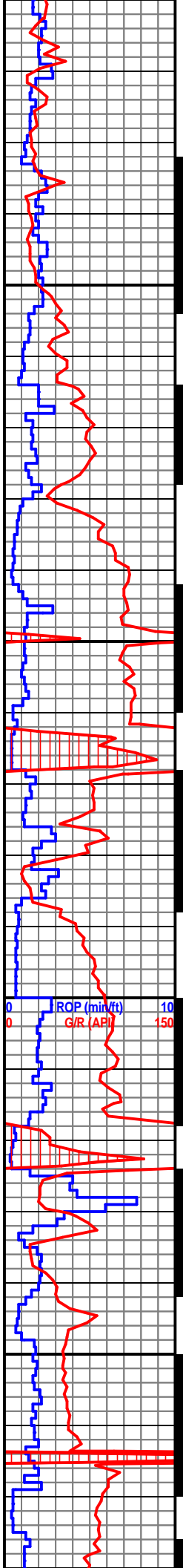
MD 4770 TVD 4750.63
INC 28.1 AZ 201.18
VS 148.9

MD 4801 TVD 4777.75
INC 29.78 AZ 201.66
VS 163.12

MD 4833 TVD 4805.3
INC 31.42 AZ 201.44
VS 178.54

MD 4865 TVD 4832.38
INC 32.92 AZ 200.78
VS 194.72

WOB: 15.6
RPM: 0
SPM: 105
PP: 2499
GPM: 431
05/05/2013 @
4,903' MD



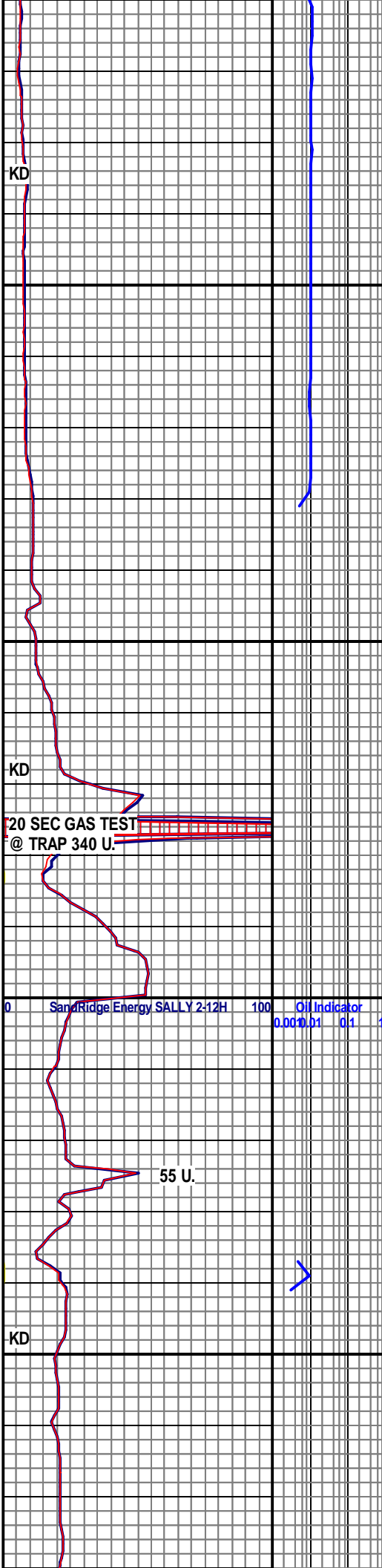
MED TAN THRU OUT, PRED PLTY,
SME BLKY, MOD FRM- FRM, OCC
MOD SFT, MSTLY V FN XLN, INCRG
MICRO FN XLN, SH: LT GY- MED
GY, SCAT DRK GY- BLK, TR CARB
DCRG, MSTLY BLKY, OCC SPLNTY,
MOD SFT- MOD FRM, OCC SFT, FN
SLTY TXT

LS: PRED LT TAN- OFF WHT, OCC
MED TAN, PLTY-BLKY, MOD FRM-
MOD SFT, SME BRECH, OCC HL
FRAC POR, V FN- MICRO FN XLN,
SH: MSTLY MED GY- LT GY, OCC
DRK GY, PRED BLKY, SME PLTY,
MOD SFT- MOD FRM, OCC SFT, FN
SLTY- MOD RGH TXT, TR CHRT

SH: MSTLY DK GY- MED GY,
ABBUND BLK CARB, PRED BLKY,
MOD FRM- MOD SFT, OCC HD, FN
SLTY TXT, LS: PRED LT TAN- MED
TAN, BLKY, SCAT PLTY, MOD FRM-
FRM, TR BRECH, MICRO FN- V FN
XLN

LS: PRED LT TAN- LT GY, PLTY-
BLKY, MOD FRM- FRM, TR HD, TR
BRECH, TR HL FRAC POR, MICRO
FN- V FN XLN, SH: MSTLY DK GY-
MED GY, BLKY, MOD FRM- MOD
SFT, MOD RGH- FN SLTY TXT

SH: PRED DK GY- MED GY, MSTLY
BLKY, SCAT PLTY, MOD SFT- SFT,
MOD RGH- MOD SMTH, LS: MSTLY
LT TAN- MED TAN, PLTY, BCMNG
BLKY, MOD FRM- MOD SFT, TR
BRECH, MICRO FN- V FN XLN



KD

KD

20 SEC GAS TEST
@ TRAP 340 U.

55 U.

KD

SanRidgeEnergy SALLY 2-12H 100 Oil Indicator 0.00001 0.1

MD 4928 TVD 4883.75
INC 37.78 AZ 200.34
VS 229.54

MD 4960 TVD 4908.48
INC 41.01 AZ 200.08
VS 248.92

MD 4991 TVD 4931.35
INC 43.88 AZ 200.87
VS 268.85

MD 5023 TVD 4953.8
INC 47.02 AZ 199.94
VS 290.58

MD 5055 TVD 4974.96
INC 50.2 AZ 200.56
VS 313.48

MD 5086 TVD 4994.65
INC 50.91 AZ 200.34
VS 336.3

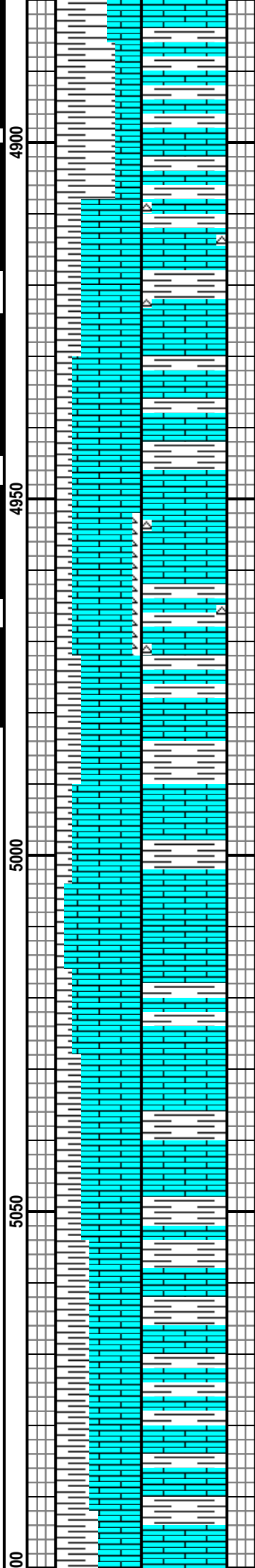
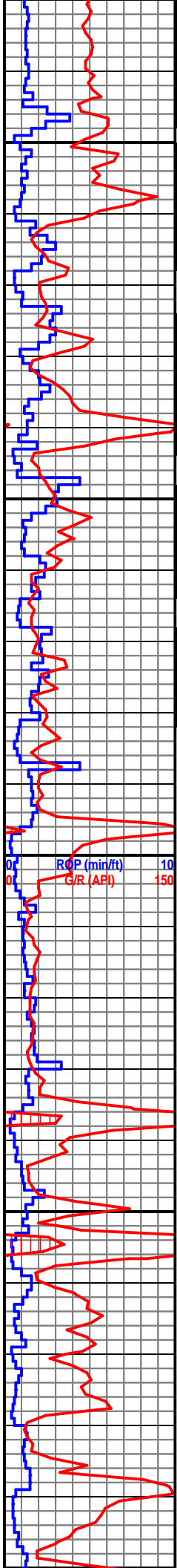
MD 5118 TVD 5014.83
INC 50.91 AZ 198.84
VS 360.07

MD 5150 TVD 5034.99
INC 50.99 AZ 199.94
VS 383.89

MD 5181 TVD 5054.54
INC 50.82 AZ 198.84
VS 406.95
WOB: 10.8
RPM: 41
SPM: 105
PP: 2684
GPM: 431

MD 5213 TVD 5074.8
INC 50.6 AZ 199.55
VS 430.71

MD 5245 TVD 5095.18
INC 50.29 AZ 199.06



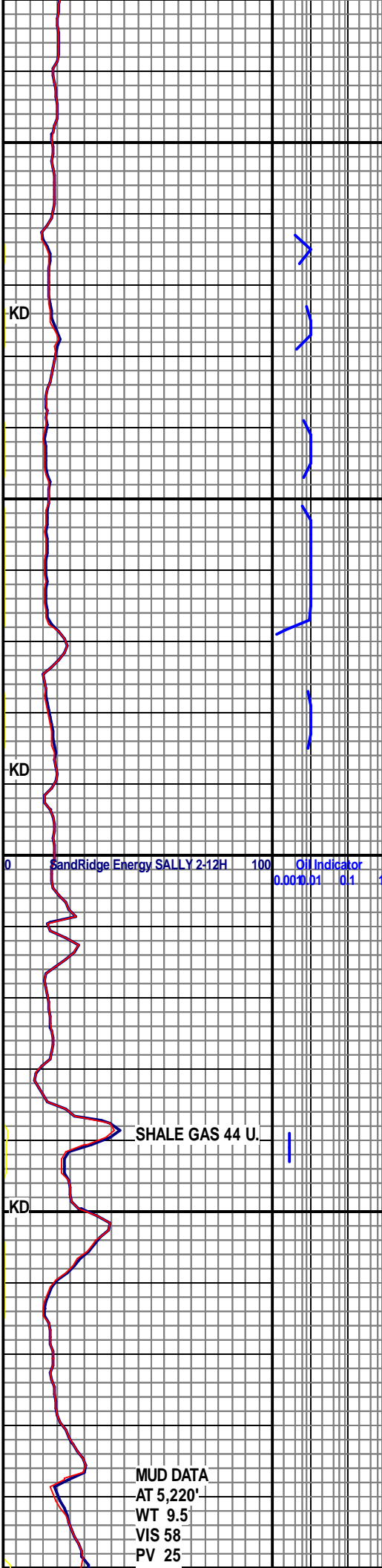
LS : MSTLY LT TAN MED TAN, TR
OFF WHT, PRED PLTY, SME BLKY,
MOD FRM- FRM, TR HL FRAC POR,
MICRO FN XLN, SH: PRED DK GY-
MED GY, OCC LT GY, BLKY- PLTY,
MOD SFT- MOD FRM, MOD RGH-
MOD SMTH, TR CHT

LS: PRED LT TAN- MED TAN, SME
OFF WHT, PLTY- BLKY, MOD FRM-
FRM, TR BRECH, MSTLY MICRO FN
XLN, SH: MSTLY MED GY- LT GY,
SME DK GY, PRED BLKY, MOD SFT-
SFT, SMTH- MOD SMTH SLTY TXT,
10% CHT, TR MICRO INGRND PYR

LS: PRED LT TAN- MED TAN, TR LT
GY, DCRG MED TAN, PLTY- BLKY,
MOD FRM- FRM, MICRO FN XLN, TR
BRECH, SH: PRED MED GY- LT GY,
SCAT BLK CARB THRU OUT, MSTLY
BLKY, SME PLTY, MOD FRM- MOD
SFT, MOD SMTH- V FN SLTY TXT

**CHEROKEE @ 5,154' MD
5,038' TVD**

LS: MSTLY LT TAN- OFF WHT, SCAT
MED TAN THRU OUT, PLTY- BLKY,
FRM- MOD FRM, OCC BRIT, MICRO
FN- V FN XLN, TR BRECH, SH:
MSTLY BLK, SCAT GY THRU OUT,
SPLNTY- BLKY, MOD SFT- SFT,
SME MOD FRM, MOD SMTH TXT,
SCAT V FN SLTY TXT



MUD DATA
AT 5,220'
WT 9.5
VIS 58
PV 25

VS 454.37

MD 5276 TVD 5114.82
INC 51.08 AZ 199.24
VS 477.38

MD 5308 TVD 5134.24
INC 54.22 AZ 197.26
VS 501.9

MD 5339 TVD 5151.7
INC 57.18 AZ 197.74
VS 526.67

MD 5371 TVD 5168.35
INC 60.1 AZ 195.98
VS 553.17

MD 5403 TVD 5183.69
INC 62.62 AZ 195.14
VS 580.56

MD 5435 TVD 5197.89
INC 64.69 AZ 193.78
VS 608.65

MD 5466 TVD 5210.61
INC 66.9 AZ 189.46
VS 636.58

MD 5498 TVD 5222.63
INC 68.98 AZ 188.97
05/06/2013 @
5,514' MD

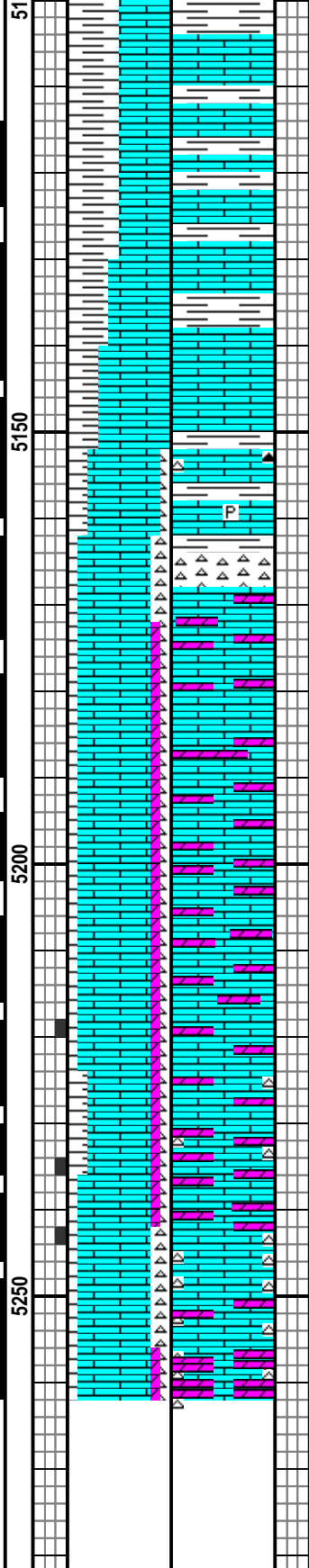
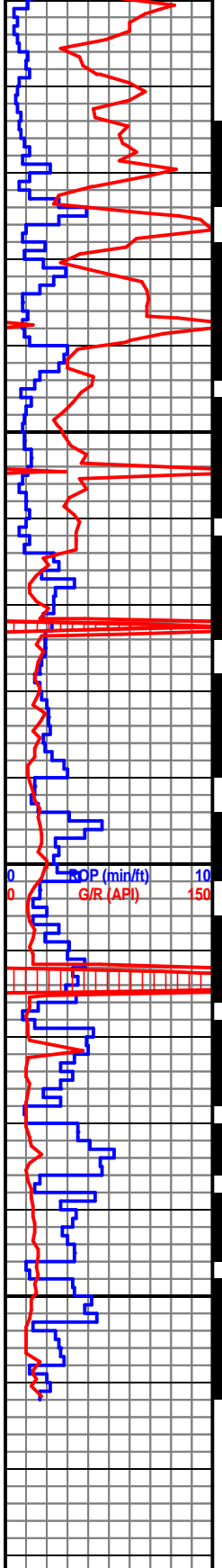
MD 5529 TVD 5233.08
INC 71.59 AZ 186.86
VS 695.11

MD 5561 TVD 5242.52
INC 74.11 AZ 184.74
VS 725.64

MD 5593 TVD 5250.53
INC 76.89 AZ 181.48
VS 756.62

MD 5624 TVD 5256.77
INC 79.89 AZ 181.04
VS 786.07

MD 5667 TVD 5262.68
INC 84.31 AZ 178.75
VS 829.49



LS: MSTLY LT TAN- MED TAN, SCAT
OFF WHT- LT GY THRU OUT, BCMG
MED TAN- LT TAN, PLTY- BLKY,
FRM- MOD FRM, TR BRIT, V FN-
MICRO FN XLN, TR HL FRAC POR,
SH: PRED BLK, SME GY, MSTLY
BLKY, SCAT PLTY THRU OUT, MOD
FRM- MOD SFT, OCC FRM, MOD
SMTH TXT, SME SLTY

**MISSISSIPPIAN 5,368' MD
5,167' TVD (-3,356')**
LS: PRED MED TAN- LT TAN, SCAT
OFF WHT, TR LT GY, PLTY- BLKY,
MOD FRM- FRM, OCC CHLKY,
MICRO FN- V FN XLN, TR PP VUG
POR, TR BRECH, SH: PRED BLKY,
SCAT GY THRU OUT, MOD SFT-
SFT, TR MOD FRM, BLKY- PLTY, TR
SPLNTY, V FN SLTY TXT, CHT:
MSTLY WHT- OFF WHT, TR BRN,
BLKY- SPLNTY, V ANG, MSTLY V
HD, TR BRIT/WTHRD, TR FREE PYR

LS: MSTLY MED TAN- LT TAN, OCC
OFF WHT, PLTY- BLKY, MOD FRM-
FRM, SME CHLKY, MSTLY MICRO
FN XLN, OCC V FN XLN, OCC
BRECH, TR HL FRAC POR, TR
SNDY LS, DOL: PRED BRN- LT
BRN, BLKY, FRM- MOD HD, MICRO
FN XLN, CHT: OFF WHT- OPQ,
SPLNTY- BLKY, V HD- HD, TR BRIT,
TR HL FRAC POR

