



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: LAMBERT 3014 1-34
Location: SEC 34-30S-14W; S2, S2, S2, SE; BARBER CO., KS
License Number: API# 15-007-24119-00-00
Spud Date: 1-13-2014
Surface Coordinates: 165' FSL & 1,320' FWL OF S2, S2, S2, SE OF SEC 34-30S-14W. LAT: 37.3843072"
LONG: -98.8336541"
Region: N. LAKE CITY
Drilling Completed: 1-17-2014
Bottom Hole Coordinates:
Ground Elevation (ft): 1,735' K.B. Elevation (ft): 1,750'
Logged Interval (ft): 1,500' To: 4,638' Total Depth (ft): 4,638'
Formation: MAQUOKETA/VIOLA
Type of Drilling Fluid: WATER BASED MUD

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: TREY BOARDMAN
Company: SANDRIDGE ENERGY, INC.
Address: 123 ROBERT S. KERR AVENUE, STE. 2430
OKLAHOMA CITY, OKLAHOMA 73102-6406

Cores

DSTs

Comments

SANDRIDGE ENERGY, INC.; OKLAHOMA CITY, OK
WELLSITE MANAGER: BILL TOMLLINSON

TOMCAT DRILLING, LLC; RIG #2; WICHITA, KS
RIG MANAGER: CARLOS AYALA

AES DRILLING FLUIDS; EDMOND, OK
MUD ENGINEER: HUGO ROSALES

MID CONTINENT WELL LOGGING SERVICE, INC.; NORMAN, OK. LOGGING UNIT: MC-10
MUD LOGGERS: NATHANIEL ODUM; JONATHAN MAGEE

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
	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
	Wackst

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

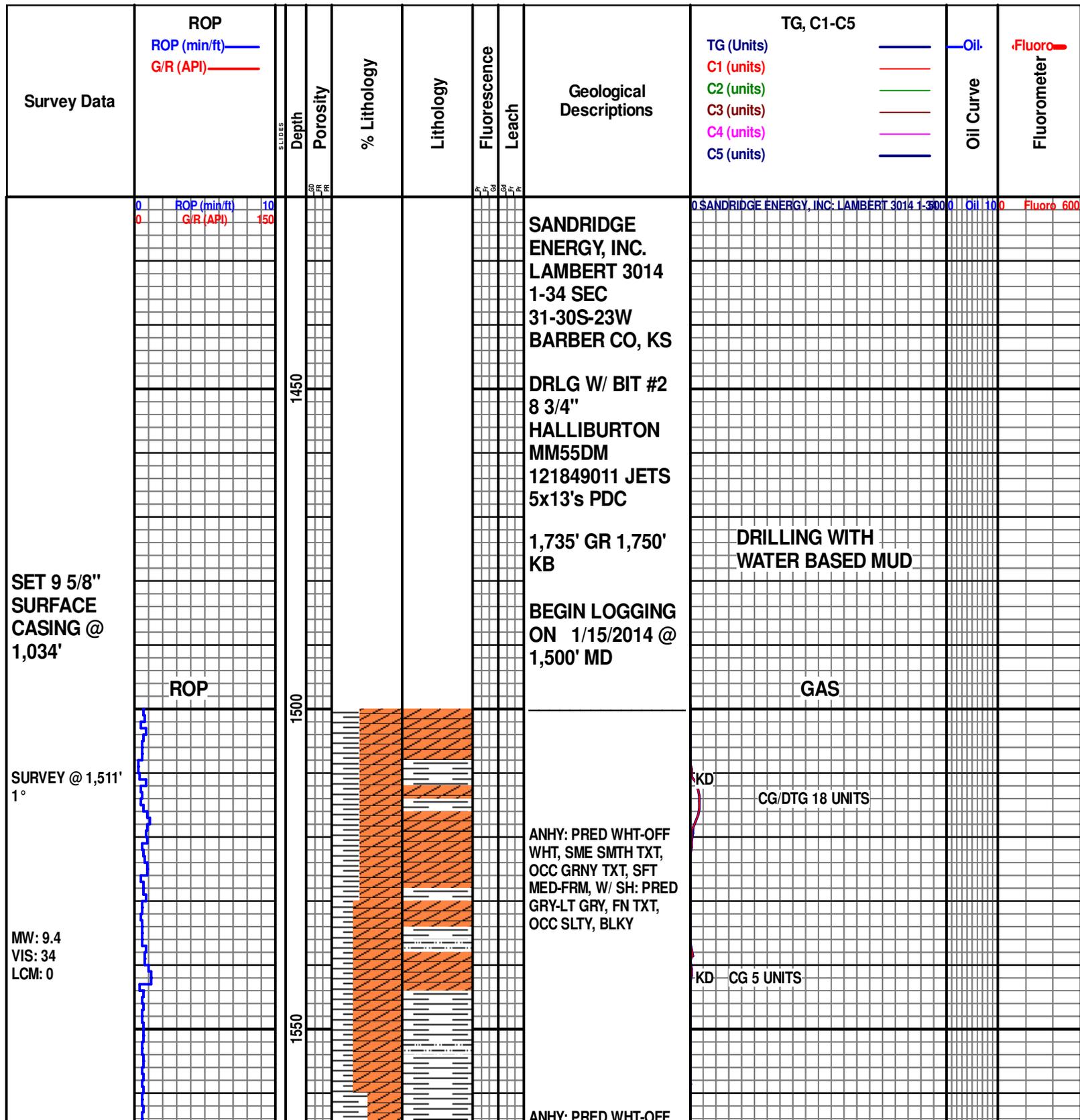
- Dead

INTERVAL

- Core
- Dst

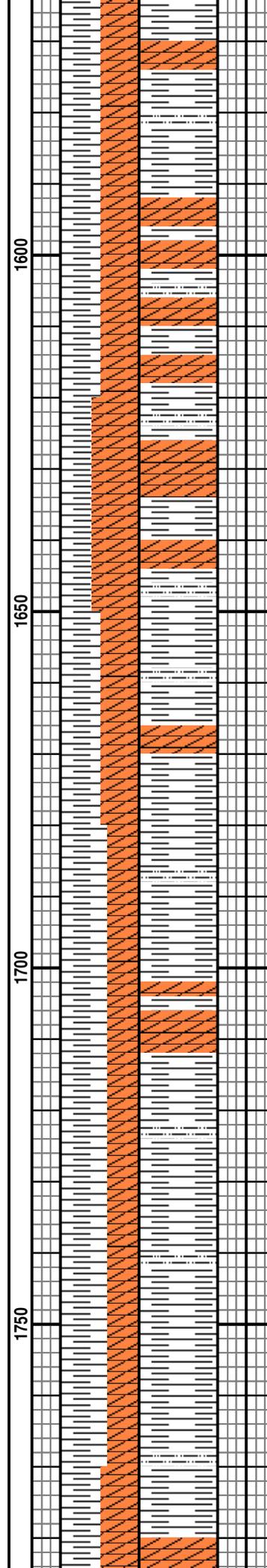
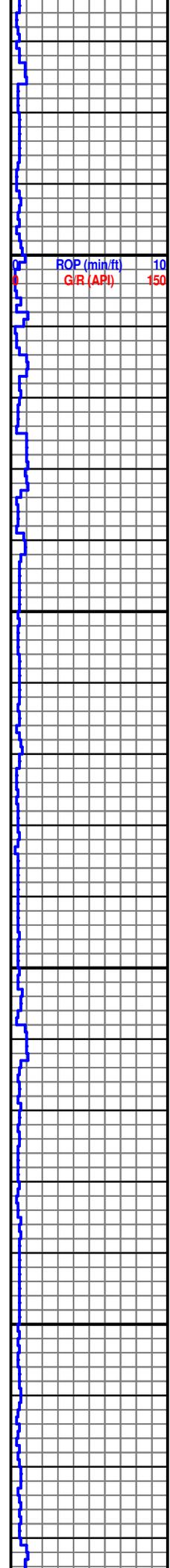
EVENT

- Rft
- Sidewall



WOB- 6K
RPM- 110
PP- 900
SPM- 110
GPM- 250

MW: 9.4
VIS: 37
LCM: 0

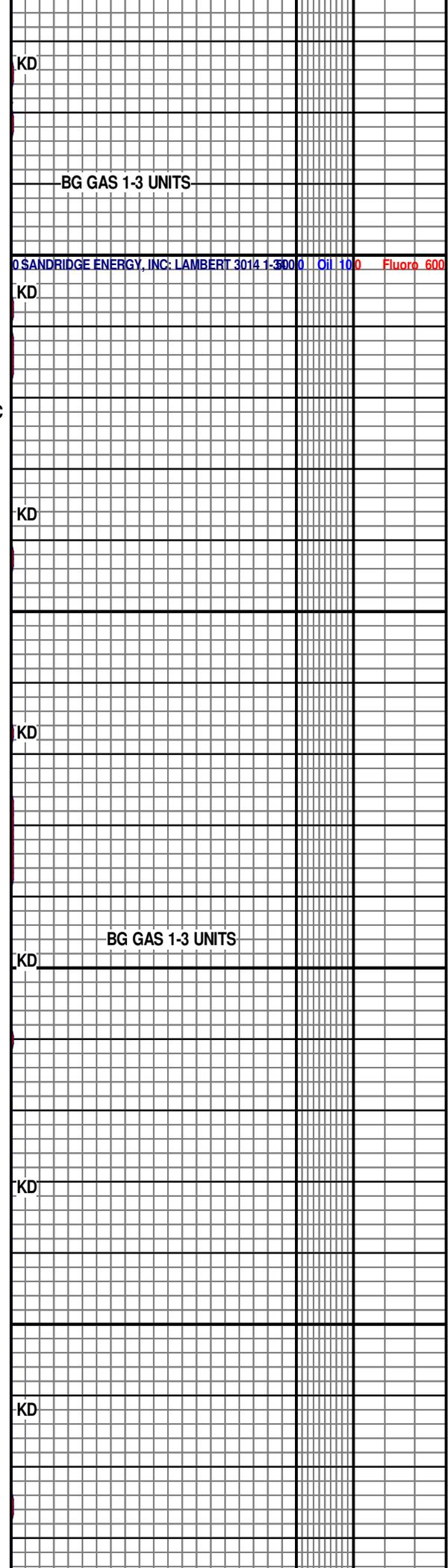


ANHY: PRED WHT, OCC
OFF WHT, SMTH TXT,
OCC GRNY TXT, SFT
MED, OCC SHLY, W/ SH:
LT GRY-GRY, FN TXT,
SFT MED, OCC SLTY,
BLKY

ANHY: WHT-OFF WHT,
SMTH TXT, OCC GRNY
TXT, SFT MED-FRM, OCC
SHLY, W/ SH: PRED LT
GRY, OCC GRY, FN TXT,
SFT MED, OCC SLTY,
BLKY

SH: PRED LT GRY, SME
GRY, FN TXT, SFT MED,
OCC SLTY, BLKY, W/
ANHY: PRED WHT-OFF
WHT, SMTH TXT, SFT
MED, OCC FRM, OCC
SHLY

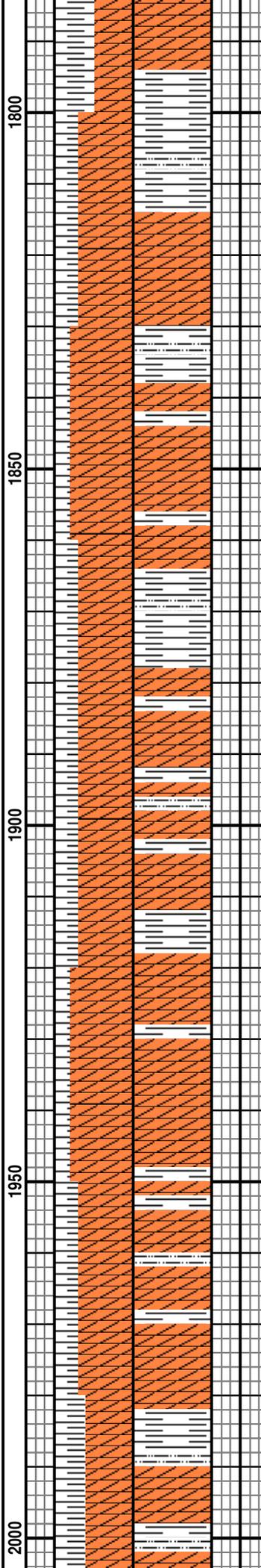
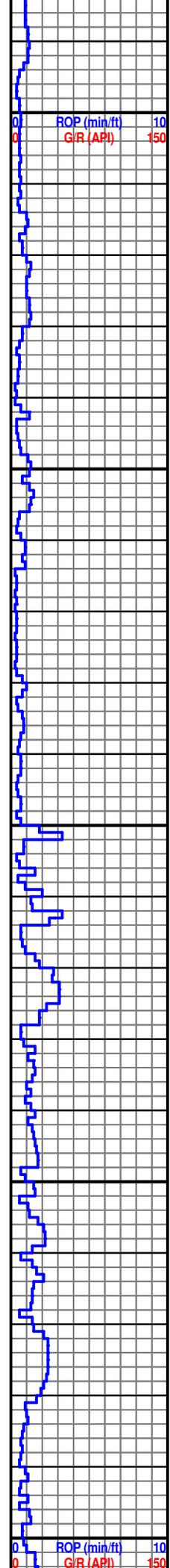
SH: PRED LT GRY-GRY,
FN TXT, SFT MED, TR
SLTY, BLKY, W/ ANHY:
PRED OFF WHT-WHT,
GRNY TXT-SMTH TXT.



WOB- 6K
RPM- 110
PP- 1,100
SPM- 110
GPM- 345

MW: 9.3
VIS: 35
LCM: 0

WOB- 7K
RPM- 110
PP- 1,200
SPM- 110



FRM

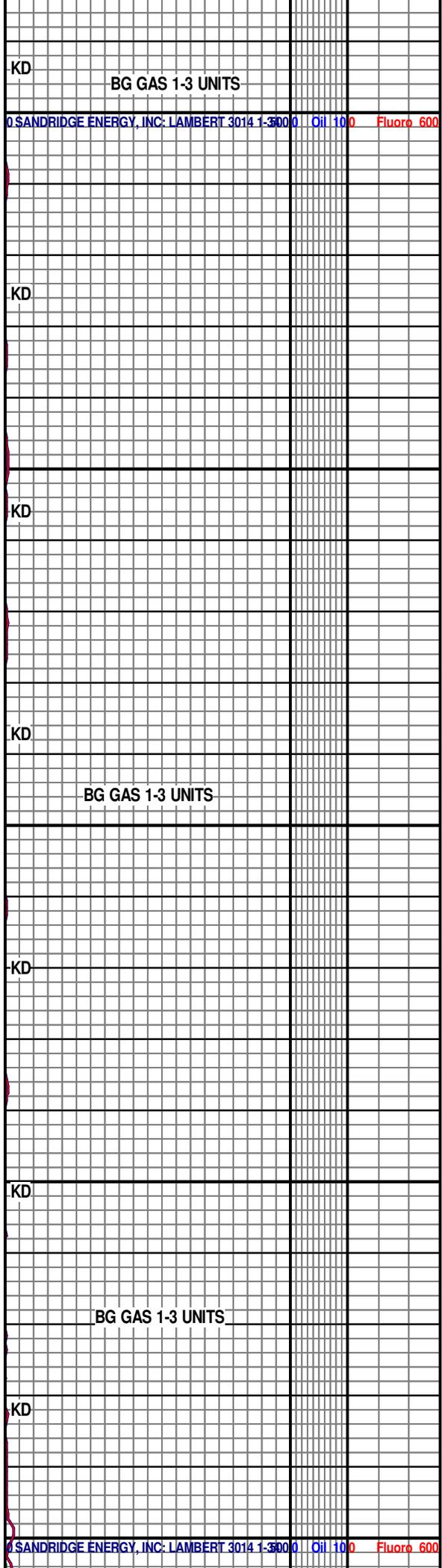
ANHY: PRED WHT, SME
OFF WHT, GRNY TXT,
FRM, W/ SH: PRED LT
GRY, FN TXT, SFT MED
TR SLTY, BLKY

ANHY: PRED WHT, OCC
OFF WHT, GRNY TXT,
SFT MED-FRM, W/ SH:
PRED LT GRY-GRY, FN
TXT, SFT MED, OCC
SLTY, BLKY

ANHY: PRED LT
GRY-OFF WHT, SME
WHT, GRNY-SMTH TXT,
FRM, W/ SH: PRED
GRY-LT GRY, OCC DRK
GRY-BRN, FN TXT, OCC
SLTY, BLKY

ANHY: PRED LT
GRY-OFF WHT, OCC
WHT, PRED SMTH TXT,
SME GRNY TXT, FRM, W/
SH: PRED GRY-LT GRY,
SME DRK GRY, FN TXT,
OCC SLTY, BLKY

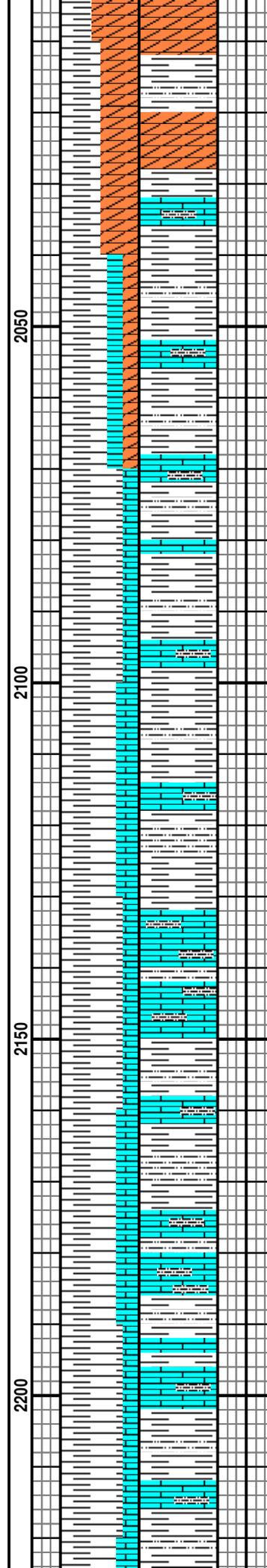
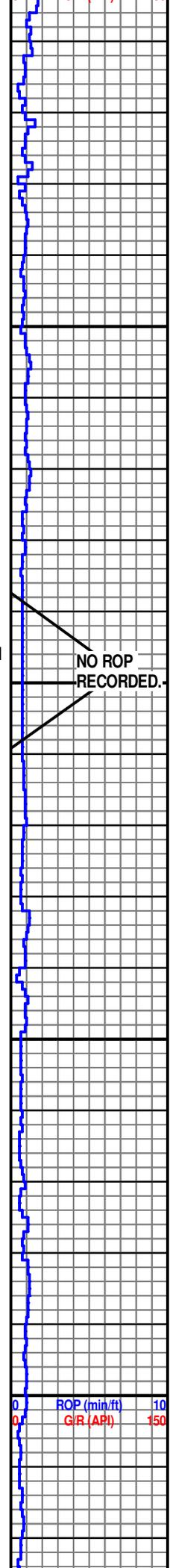
ANHY: PRED LT
GRY-OFF WHT, SME



NO ROP OR GAS
RECORDED FROM
2,088'-2,109'.
REPAIRING
GENERATOR.

MW: 9.4
VIS: 37
LCM: 0

WOB- 8K
RPM- 110
PP- 1,200
SPM- 110
GPM- 345



CHASE @ 2,032'
MD (-282') SS

SH: PRED GRY-LT GRY,
OCC DRK GRY, FN TXT,
SFT MED, BLKY

SH: PRED LT GRY-GRY,
TAN, FN TXT, OCC MED
TXT, SFT MED, LIMY,
OCC SLTY, BLKY-CHNKY,
W/ LS: PRED CRM-LT
TAN, FN TXT, SHLY, NO
VIS POR

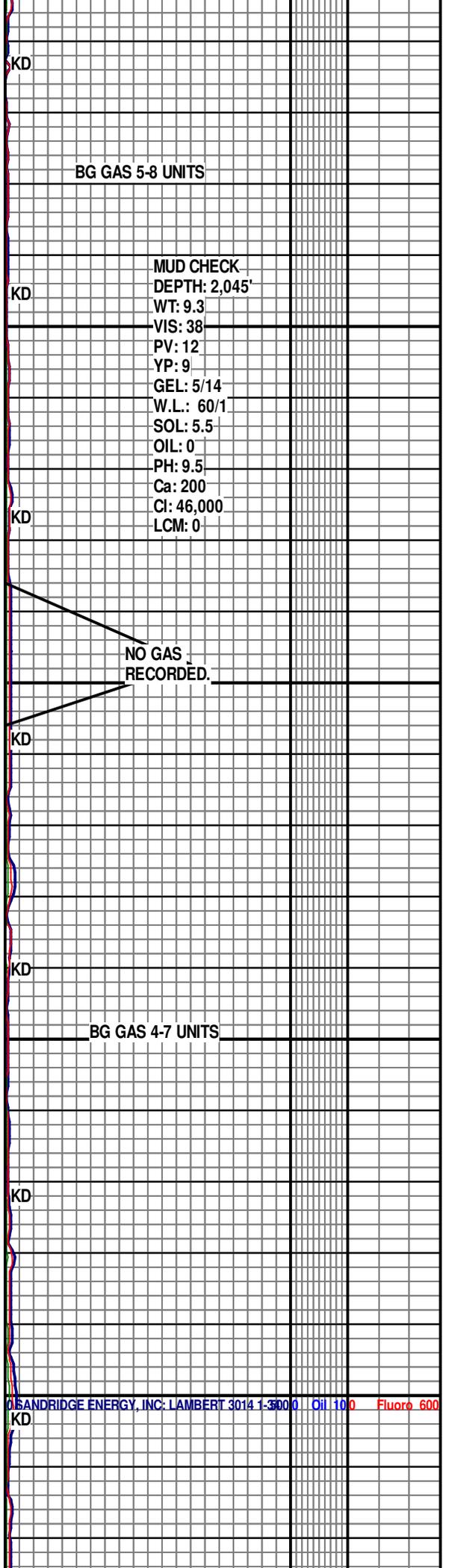
SH: PRED GRY-LT GRY,
OCC DRK GRY, FN-MED
TXT, SFT MED, LIMY,
OCC SLTY, BLKY, W/ LS:
PRED CRM-OFF WHT,
OCC LT TAN, V FN-FN
TXT, SHLY, NO VIS POR

SH: PRED GRY-LT GRY,
FN TXT, SME MED TXT,
SFT MED, LIMY, SME
SLTY, BLKY-CHNKY, W/
LS: PRED OFF
WHT-CRM, SME LT
TAN-LT GRY, V FN-FN
TXT, SHLY, NO VIS POR

SH: PRED GRY-LT GRY,
OCC DRK GRY, FN-MED
TXT, SFT MED, LIMY,
OCC SLTY, BLKY, W/ LS:
PRED CRM-OFF WHT,
OCC LT TAN, V FN-FN
TXT, SHLY, NO VIS POR

SH: PRED GRY-LT GRY,
OCC DRK GRY, FN-MED
TXT, SFT MED, LIMY,

SH: PRED GRY-LT GRY,
OCC DRK GRY, FN-MED
TXT, SFT MED, LIMY,



BG GAS 5-8 UNITS

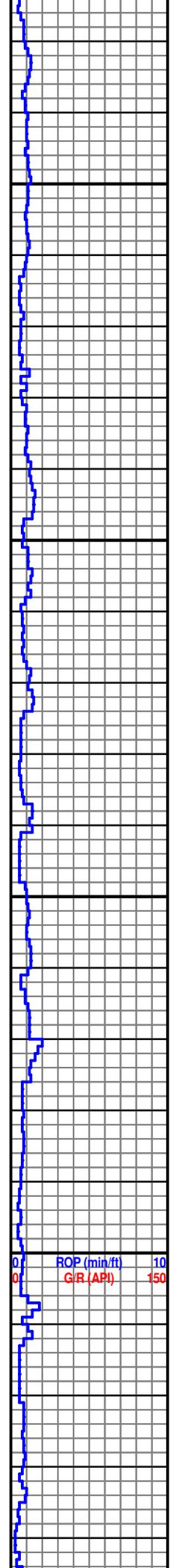
MUD CHECK
DEPTH: 2,045'
WT: 9.3
VIS: 38
PV: 12
YP: 9
GEL: 5/14
W.L.: 60/1
SOL: 5.5
OIL: 0
PH: 9.5
Ca: 200
Cl: 46,000
LCM: 0

NO GAS
RECORDED.

BG GAS 4-7 UNITS

MW: 9.3
VIS: 38
LCM: 0

WOB- 15K
RPM- 110
PP- 800
SPM- 110
GPM-481



2250
2300
2350
2400

BLKY, W/ LS: PRED OFF
WHT-CRM, OCC LT TAN,
OCC WHT, V FN-FN XLN,
FN-MED TXT, SHLY, NO
VIS POR

SH: PRED LT GRY-GRY,
OCC DRK GRY, FN TXT,
SFT MED, LIMY, SLTY,
BLKY, W/ LS: PRED OFF
WHT-CRM, OCC WHT, V
FN-FN XLN, FN-MED TXT,
OCC SHLY, TR FOS, NO
VIS POR

SH: GY TO LT GY, OCC
DK GY, MED TXT TO FN
TXT, SME LIMY SME
SLTY, SME BLKY, W/ LS:
CRM TO OFF WHT, OCC
WHT, FN XLN TO V FN
XLN, MED TXT TO FN
TXT, OCC SHLY,

SH: LT GY TO GY, OCC
SME DK GY, FN TXT TO
MED TXT, SME LIMY,
SME SLTY, SME OCC
BLKY, W/ LS: OFF WHT
TO CRM, OCC SME WHT,
V FN XLN TO FN XLN, FN
TO MED TXT, OCC SHLY,

SH: GY TO LT GY, OCC
SME DK GY, MED TXT
TO FN TXT, SME LIMY,
SME SLTY, OCC SME
BLKY, W/ LS: CRM TO
OFF WHT, OCC SME
WHT, FN XLN TO V FN
XLN, MED TO FN TXT,

KD
KD
KD
KD
KD
KD
KD

BG GAS 10-12 UNITS

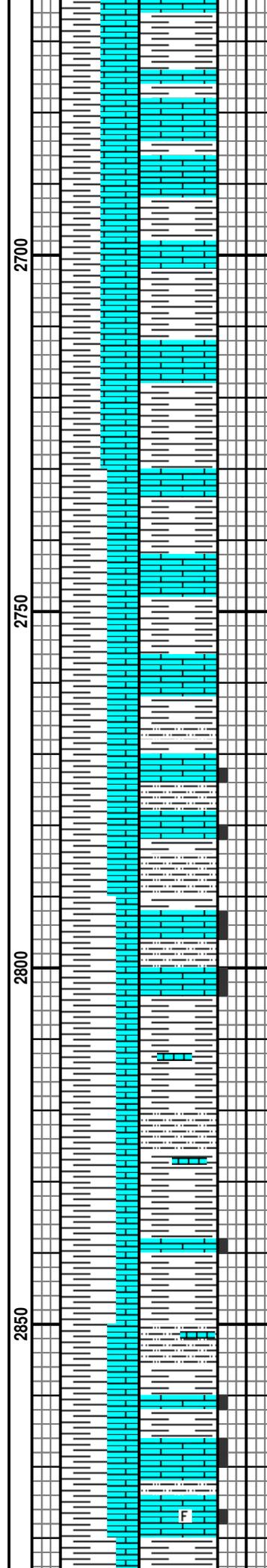
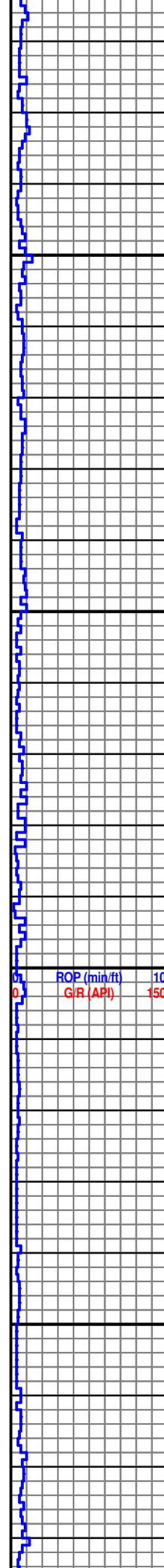
BG GAS 9-12 UNITS

SANDRIDGE ENERGY, INC: LAMBERT 3014 1-3000 Oil 10 Fluoro 600

1/16/2014

MW: 8.8
VIS: 48
LCM: 0

WOB- 15K
RPM- 110
PP- 1,200
SPM- 110
GPM- 345



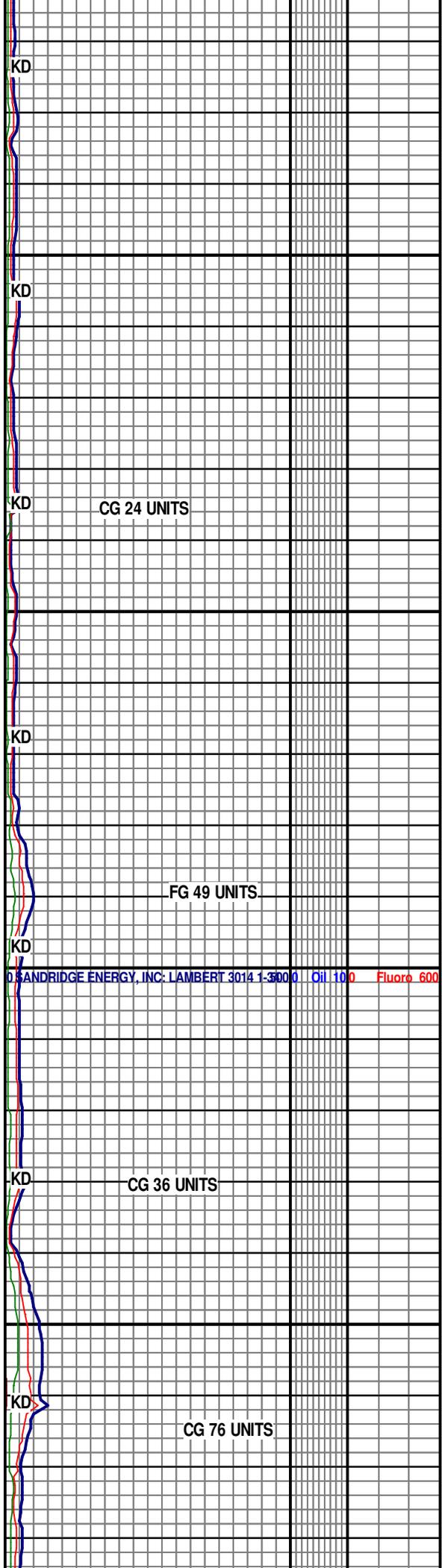
DK GY, FN TXT TO MED
TXT, SME LIMY, SME
SLTY, OCC SME BLKY,
W/ LS: OFF WHT TO TN,
SME CRM TO LT TN, V
FN XLN TO FN XLN, MED
TXT TO FN TXT, NO
FLOR

SH: LT GY TO GY, SME
DK GY, FN TXT TO MED
TXT, SME LIMY, SME
SLTY, OCC SME BLKY,
W/ LS: OFF WHT TO TN,
SME CRM TO LT TN, V
FN XLN TO FN XLN, MED
TXT TO FN TXT, NO
FLOR

SH: GY TO LT GY, SME
DK GY, FN TXT TO MED
TXT, SME LIMY, SME
SLTY, OCC SME BLKY,
W/ LS: OFF WHT TO TN,
SME CRM TO LT TN, V
FN XLN TO FN XLN, MED
TXT TO FN TXT, OCC
DUL YEL FLOR

SH: PRED GRY-LT GRY,
FN TXT, SFT MED, OCC
SLTY, BLKY, W/ LS:
PRED LT TAN-TAN, OCC
OFF WHT, V FN-FN XLN,
FN TXT, TR SNDY, NO
VIS POR, SCAT DUL YEL
FLOR, NO CUT, NO RES
RING

SH: PRED LT GRY-GRY,
OCC BRN, FN-MED TXT,
SFT MED, OCC SLTY,
BLKY, W/ LS: PRED LT
TAN-OFF WHT, V FN-FN
XLN, FN TXT, TR FOS, TR
SNDY, NO VIS POR,
SCAT DUL YEL FLOR.

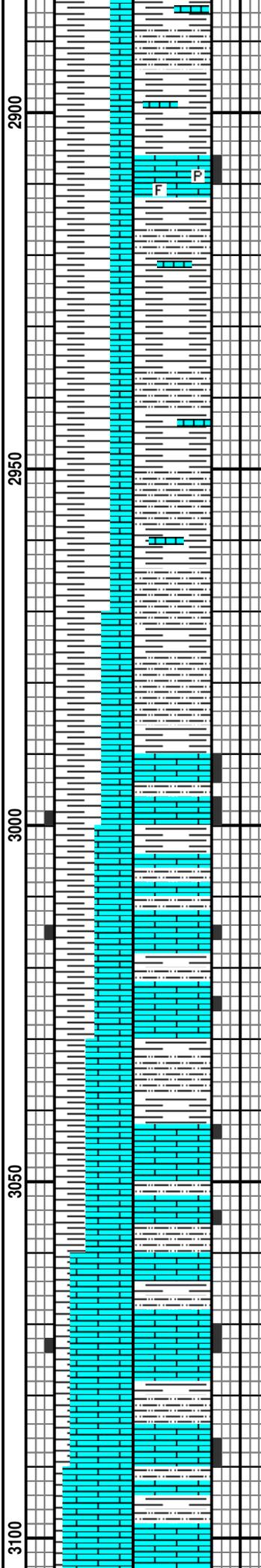
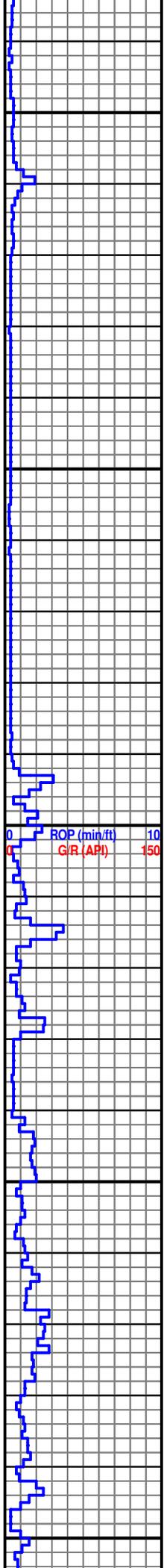


MW: 9.0
VIS: 48
LCM: 0

WOB- 15K
RPM- 110
PP- 1,300
SPM- 110
GPM- 345

SURVEY @ 3,050'
1°

REPAIRING MUD
PUMP. DOWNTIME
~1HR.



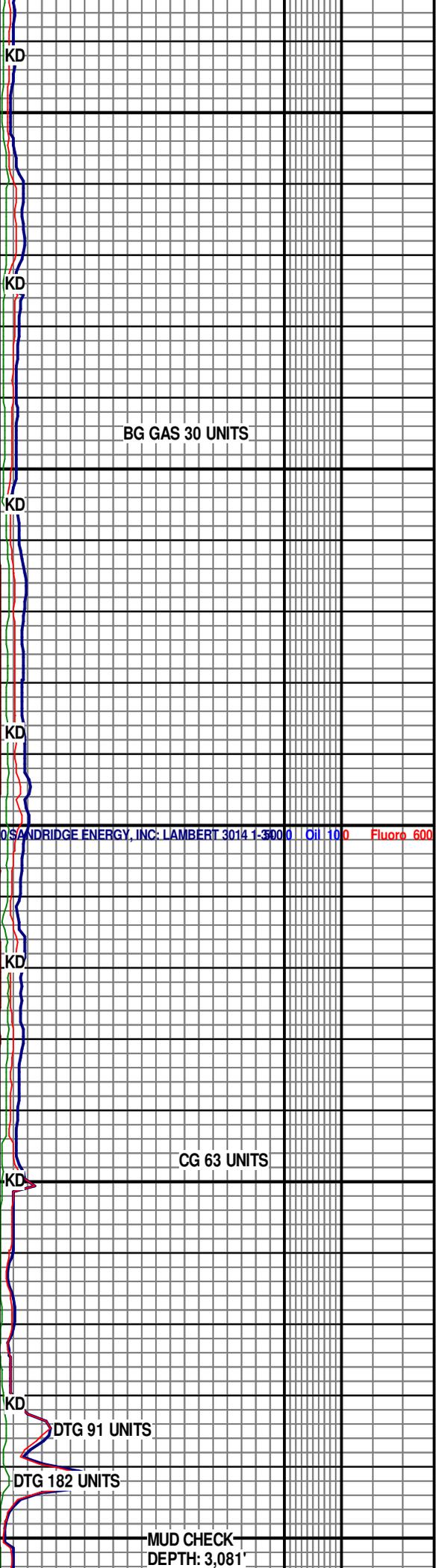
NO CUT, NO RES RING

SH: PRED LT GRY-GRY,
FN TXT, SFT MED, SLTY,
BLKY, W/ LS: PRED LT
TAN-OFF WHT, FN XLN,
FN-MED TXT, TR FOS, TR
PYR, NO VIS POR, W/
OCC DUL YEL FLOR, NO
CUT, NO RES RING

SH: PRED LT GRY-GRY,
FN TXT, SFT MED, SLTY,
BLKY, W/ LS: PRED LT
TAN-OFF WHT, FN XLN,
FN TXT, NO VIS POR,
OCC DUL YEL FLOR, NO
CUT NO RES RING

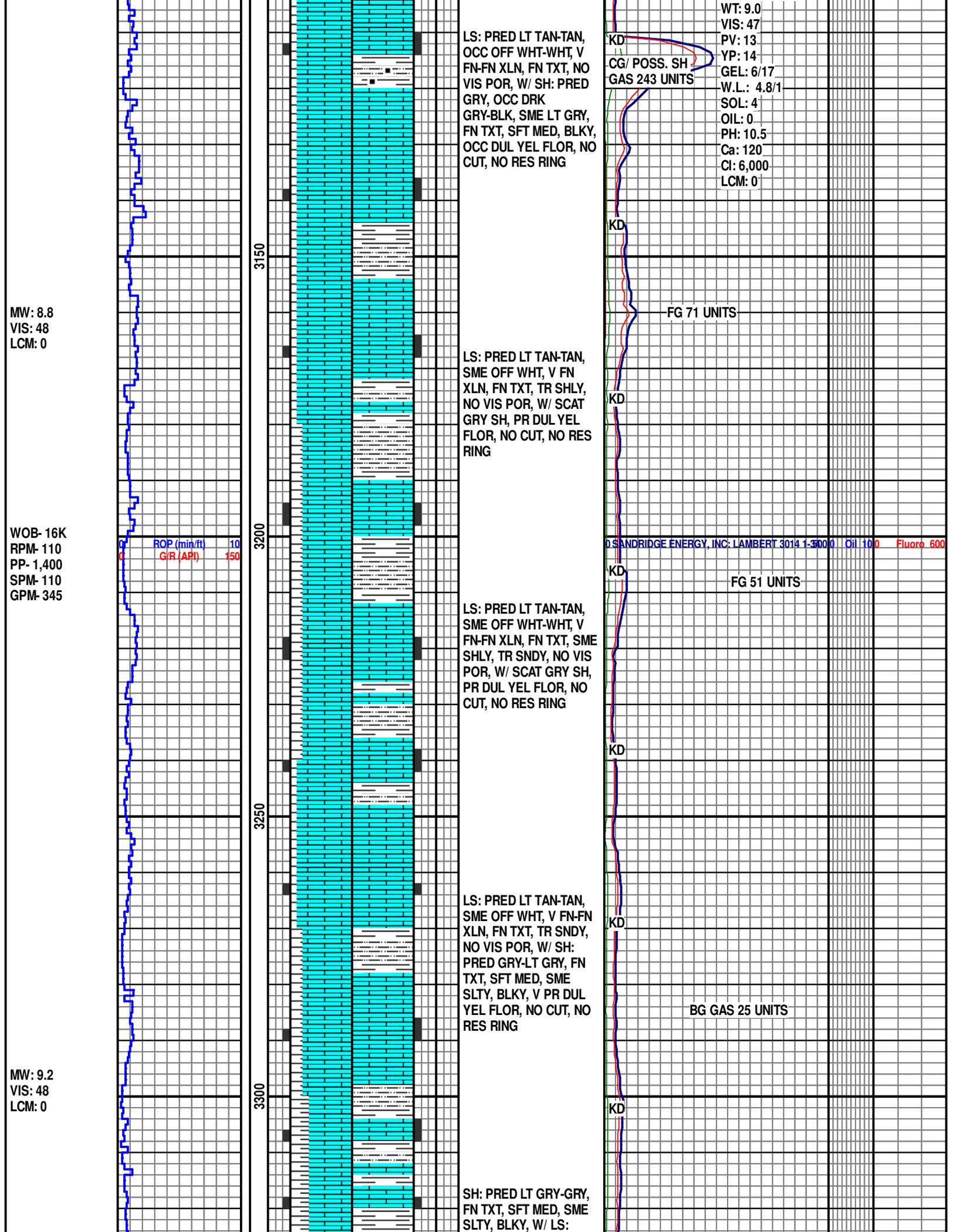
LS: PRED LT TAN-TAN,
SME OFF WHT, V FN-FN
XLN, FN TXT, TR SHLY,
NO VIS POR, W/ SCAT
LT GRY-GRY SH, OCC
DUL YEL FLOR, NO CUT,
NO RES RING

LS: PRED LT TAN-TAN,
OCC OFF WHT, V FN-FN
XLN, FN TXT, OCC MED
TXT, NO VIS POR, W/
SH: PRED GRY-DRK
GRY, OCC DRK
BRN-BLK, FN TXT, SFT
MED, SLTY, BLKY, SME
YEL FLOR, NO CUT, NO
RES RING



SANDRIDGE ENERGY, INC: LAMBERT 3014 1-300 Oil 10 Fluore 600

MUD CHECK
DEPTH: 3,081'



LS: PRED LT TAN-TAN,
 OCC OFF WHT-WHT, V
 FN-FN XLN, FN TXT, NO
 VIS POR, W/ SH: PRED
 GRY, OCC DRK
 GRY-BLK, SME LT GRY,
 FN TXT, SFT MED, BLKY,
 OCC DUL YEL FLOR, NO
 CUT, NO RES RING

KD
 CG/ POSS. SH
 GAS 243 UNITS

WT: 9.0
 VIS: 47
 PV: 13
 YP: 14
 GEL: 6/17
 W.L.: 4.8/1
 SOL: 4
 OIL: 0
 PH: 10.5
 Ca: 120
 CI: 6,000
 LCM: 0

MW: 8.8
 VIS: 48
 LCM: 0

FG 71 UNITS

LS: PRED LT TAN-TAN,
 SME OFF WHT, V FN
 XLN, FN TXT, TR SHLY,
 NO VIS POR, W/ SCAT
 GRY SH, PR DUL YEL
 FLOR, NO CUT, NO RES
 RING

KD

KD

WOB-16K
 RPM- 110
 PP- 1,400
 SPM- 110
 GPM- 345

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

SANDRIDGE ENERGY, INC: LAMBERT 3014 1-300 Oil 10 Fluore 600

FG 51 UNITS

LS: PRED LT TAN-TAN,
 SME OFF WHT-WHT, V
 FN-FN XLN, FN TXT, SME
 SHLY, TR SNDY, NO VIS
 POR, W/ SCAT GRY SH,
 PR DUL YEL FLOR, NO
 CUT, NO RES RING

KD

KD

3150

3200

3250

3300

LS: PRED LT TAN-TAN,
 SME OFF WHT, V FN-FN
 XLN, FN TXT, TR SNDY,
 NO VIS POR, W/ SH:
 PRED GRY-LT GRY, FN
 TXT, SFT MED, SME
 SLTY, BLKY, V PR DUL
 YEL FLOR, NO CUT, NO
 RES RING

KD

BG GAS 25 UNITS

SH: PRED LT GRY-GRY,
 FN TXT, SFT MED, SME
 SLTY, BLKY, W/ LS:

KD

MW: 9.2
 VIS: 48
 LCM: 0

PRED LT TAN-TAN, SME
OFF WHT, V FN-FN XLN,
FN TXT, TR SNDY, NO
VIS POR, NO FLOR, NO
CUT, NO RES RING

SH: PRED LT GRY-GRY,
FN TXT, SFT MED, SME
SLTY, BLKY, W/ LS:
PRED LT TAN-TAN, SME
OFF WHT, V FN-FN XLN,
FN TXT, TR SNDY, VIS
PR YEL FLOR, NO VIS
CUT, NO VIS RES RING

SH: PRED LT GRY-GRY,
FN TXT, SFT MED, SME
SLTY, BLKY, W/ LS:
PRED LT TAN-TAN, SME
OFF WHT, V FN-FN XLN,
FN TXT, TR SNDY, VIS FR
YEL FLOR, NO VIS CUT,
NO VIS RES RING

LS: TN TO LT TN, SME
CRM TO OFF WHT, TRC
WHT, MED XLN TO FN
XLN, TRC V FN XLN,
MED TO FN TXT, NO VIS
POR, W/ SCAT CARB SH,
W/ GY SH, VIS FR YEL
FLOR, NO VIS CUT, NO
VIS RES RING

LS: LT TN TO TN, SME
OFF WHT TO CRM, TRC
WHT, FN XLN TO MED
XLN, TRC V FN XLN, FN
TO MED TXT, NO VIS
POR, W/ SCAT CARB SH,
W/ GY SH, VIS FR YEL
FLOR, NO VIS CUT, NO
VIS RES RING

KD
KD
KD
KD
KD
KD
KD
KD

SANDRIDGE ENERGY, INC: LAMBERT 3014 1-300 Oil 10 Fluoro 600

3350
3400
3450
3500

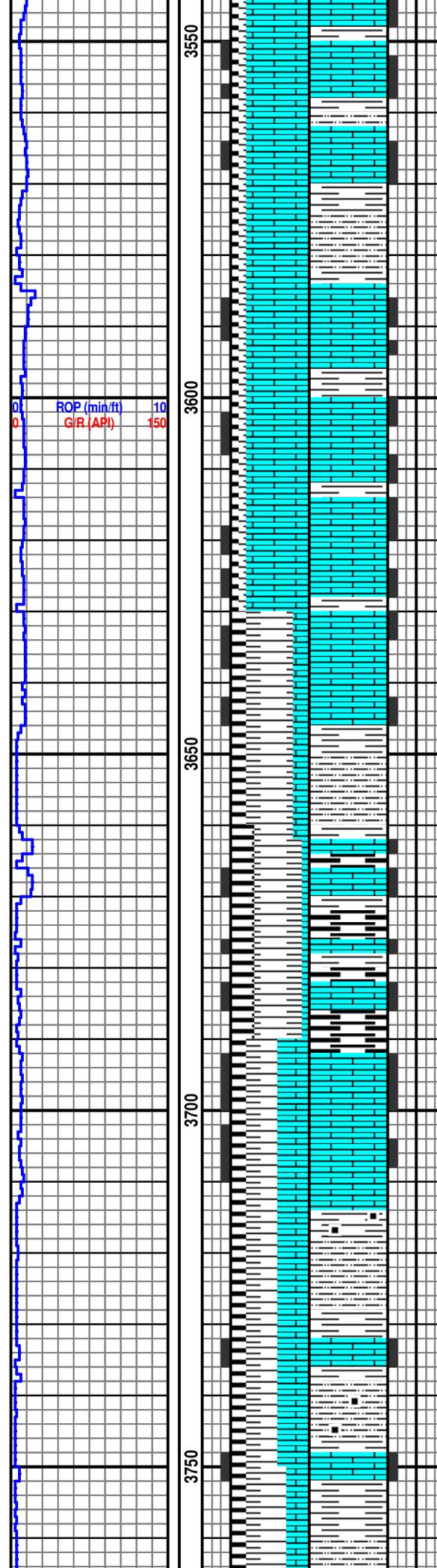
ROP (min/ft) 10
G/R (API) 150

WOB- 16K
RPM- 110
PP- 1,400
SPM- 110
GPM- 345

MW: 8.8
VIS: 47
LCM: 0

WOB- 15
RPM- 110
PP- 1,300
SPM- 110
GPM- 448

MW: 9.2
VIS: 48
LCM: 0



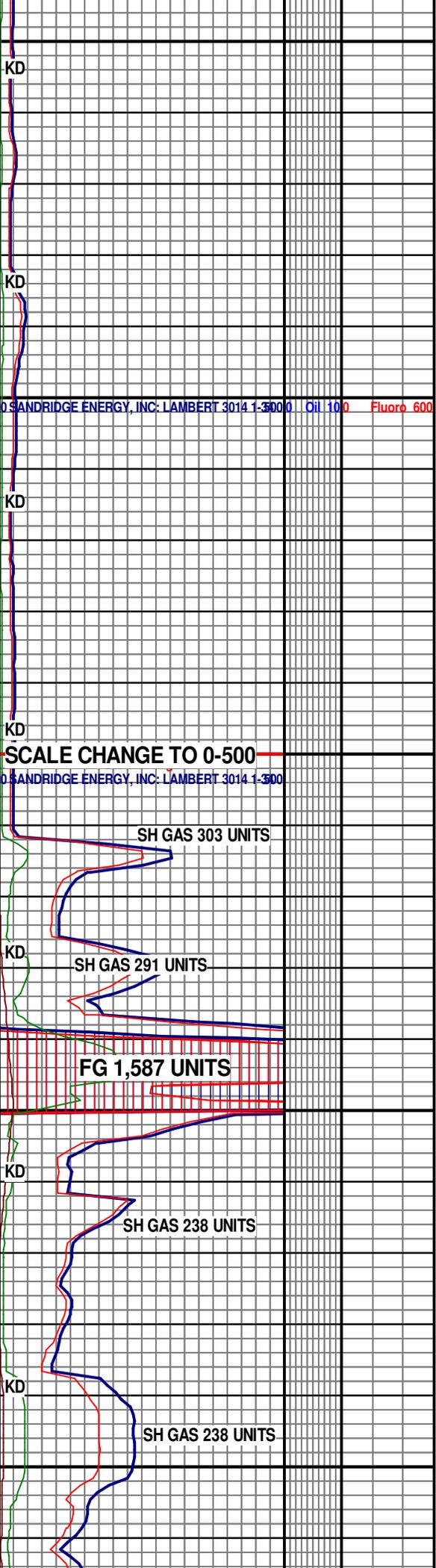
LS: TN TO LT TN, SME CRM TO OFF WHT, TRC WHT, MED XLN TO FN XLN, TRC V FN XLN, MED TO FN TXT, NO VIS POR, W/ SCAT CARB SH, W/ GY SH, VIS FR YEL FLOR, NO VIS CUT, NO VIS RES RING

LS: LT TN TO TN, OFF WHT TO CRM, TRC WHT, FN XLN TO MED XLN, TRC V FN XLN, FN TO MED TXT, NO VIS POR, W/ SCAT CARB SH, W/ GY SH, VIS FR YEL FLOR, NO VIS CUT, NO VIS RES RING

**HEEBNER @
3,682' MD
(-1,932') SS**

SH: PRED GY- LT GY, FN TXT, SFT MED, SME SLTY, BLKY, W/ LS: PRED LT TAN-TAN, SME OFF WHT, V FN-FN XLN, FN TXT, TR SNDY, W/ CARB SCAT CARB SH, VIS FR YEL FLOR, NO VIS CUT, NO VIS RES RING

SH: LT GY TO GY, SME FN TO MED TXT, SME SLTY, SME BLKY, W/ LS: TN TO LT TN, SME OFF WHT TO CRM, TRC WHT, FN XLN TO V FN XLN, MED TO FN TXT, TR SNDY, W/ CARB SH, VIS FR YEL FLOR, NO VIS CUT, NO VIS RES RING



SCALE CHANGE TO 0-500

SANDRIDGE ENERGY, INC: LAMBERT 3014 1-300 Oil 10 Fluoro 600

SANDRIDGE ENERGY, INC: LAMBERT 3014 1-300

SH GAS 303 UNITS

SH GAS 291 UNITS

FG 1,587 UNITS

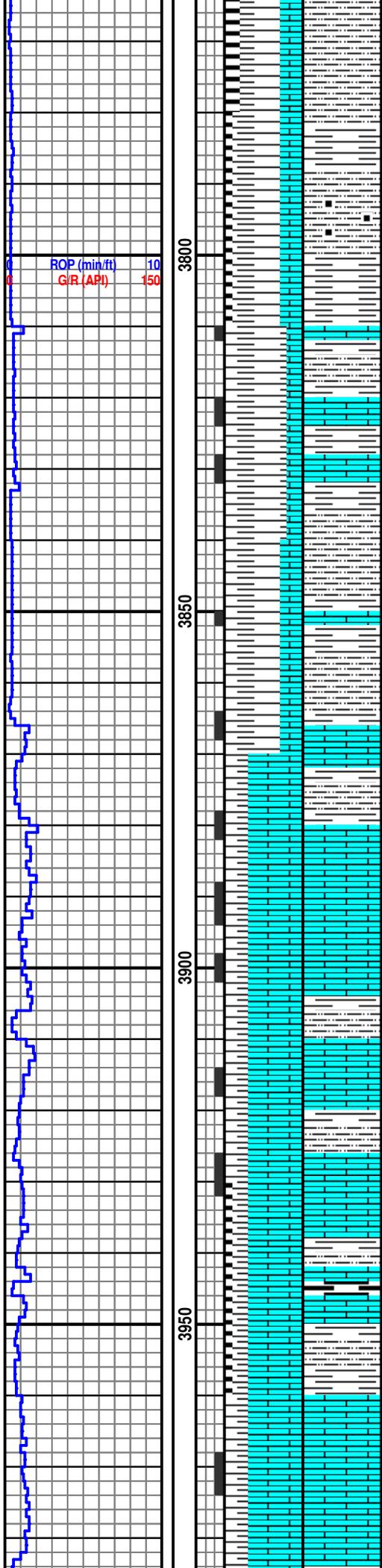
SH GAS 238 UNITS

SH GAS 238 UNITS

WOB- 15
RPM- 110
PP- 1,300
SPM- 110
GPM-448

MW: 9.1
VIS: 50
LCM: 0

1/17/2014 @
3,954'



SH: GRY-DRK GRY, SME BLK, OCC LT GRY, FN TXT, SFT MED, OCC CARB, SME SLTY, BLKY, OCC SPLNTY, W/ OCC LS, PR VIS DUL YEL FLOR, NO VIS CUT NO VIS RES RING

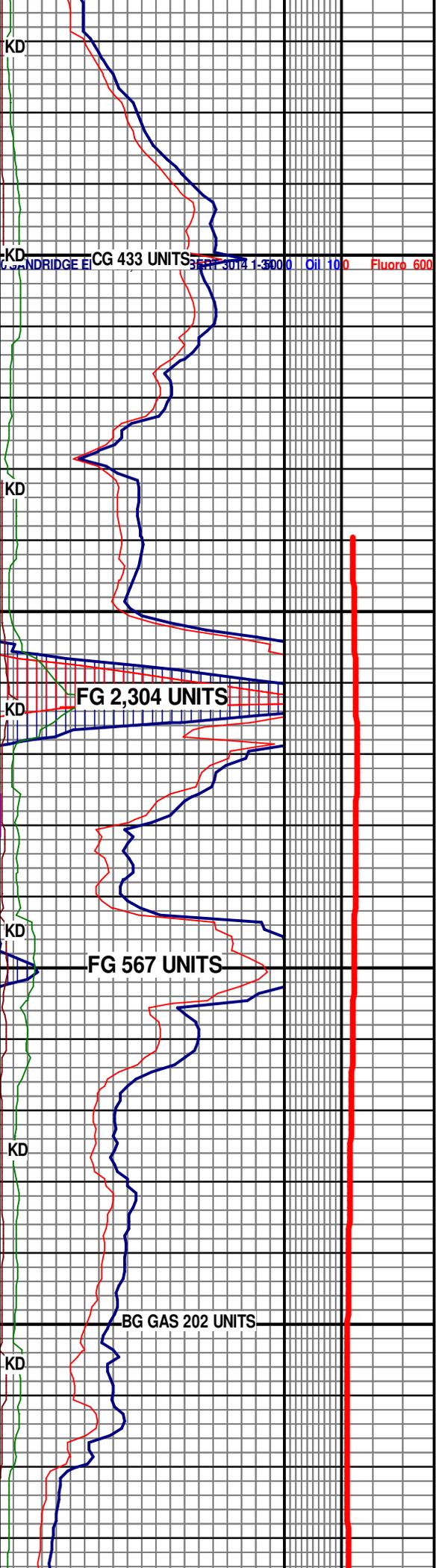
SH: PRED GRY-LT GRY, SME DRK GRY, FN TXT, SFT MED, SLTY, BLKY, W/ LS: PRED LT TAN-TAN, SME OFF WHT, FN XLN, FN-MED TXT, OCC SHLY, VIS PR DUL YEL FLOR, NO VIS CUT, PR WHT RES RING

**LANSING @
3,879' MD
(-2,129') SS**

SH: GY TO LT GY, SME DK GY, MED TO FN TXT, SME TRC SFT TXT, SLTY, SME BLKY, W/LS: TN TO LT TN, SME OFF WHT TO CRM, TRC WHT, FN TO MED XLN, TRC V FN XLN, OCC SHLY, FR VIS DUL YEL FLOR, NO VIS CUT, PR WHT RES RING

LS: TN TO LT TN, CRM TO OFF WHT, TRC WHT, FN XLN TO MED XLN, TRC V FN XLN, FN TO MED TXT, NO VIS POR, W/ SCAT CARB SH, W/ GY SH, VIS PR DUL YEL FLOR, NO VIS CUT, NO VIS RES RING

LS: LT TN TO TN, SME OFF WHT TO CRM, TRC WHT, MED XLN TO FN XLN, TRC V FN XLN, MED TO FN TXT, VIS PR POR, W/ SCAT GY SH, PR DUL YEL FLOR, NO VIS RES RING



PRELIMINARY LOG, NO
CUT, NO RES RING

KD

0 SANDRIDGE ENERGY, INC: LAMBERT 3014 1-3000 Oil 10 Fluoro 600

KD

LS: TN TO LT TN, CRM
TO OFF WHT, FN XLN TO
MED XLN, TRC V FN
XLN, FN TO MED TXT,
VIS PR POR, VIS DULL
YEL FLOR, NO VIS CUT,
NO VIS RES RING

BG GAS 113 UNITS

KD

LS: LT TN TO TN, OFF
WHT TO CRM, MED XLN
TO FN XLN, TRC V FN
XLN, MED TO FN TXT, PR
PP VUG POR, VIS DULL
YEL FLOR, NO VIS CUT,
NO VIS RES RING

KD

LS: PRED LT TAN-TAN,
SME OFF WHT, FN XLN,
FN-MED TXT, TR SNDY,
TR HL FRAC, W/ SCAT LT
GRY-GRY SH, V PR DUL
YEL FLOR, NO CUT, NO
RES RING

KD

CG 75 UNITS

KD

LS: PRED LT TAN-TAN,
SME OFF WHT, V FN-FN
XLN, FN TXT, OCC SNDY,
NO VIS POR, W/ SH:
PRED LT GRY-GRY, FN
TXT, SFT MED, SLTY,
BLKY, PR-FR DUL YEL
FLOR, NO CUT, NO RES
RING

KD

0 SANDRIDGE ENERGY, INC: LAMBERT 3014 1-3000 Oil 10 Fluoro 600

WOB- 15
RPM- 110
PP- 1,300
SPM- 110
GPM- 448

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

4000
4050
4100
4150
4200

MW: 9.2
VIS: 48
LCM: 0

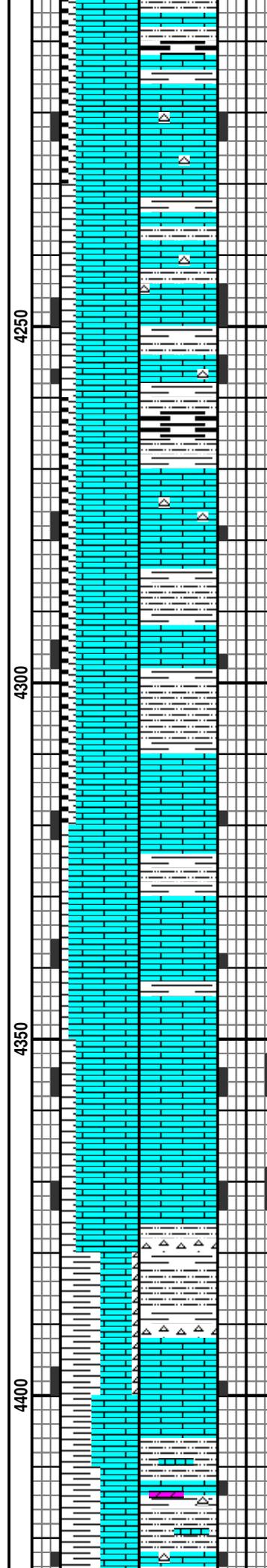
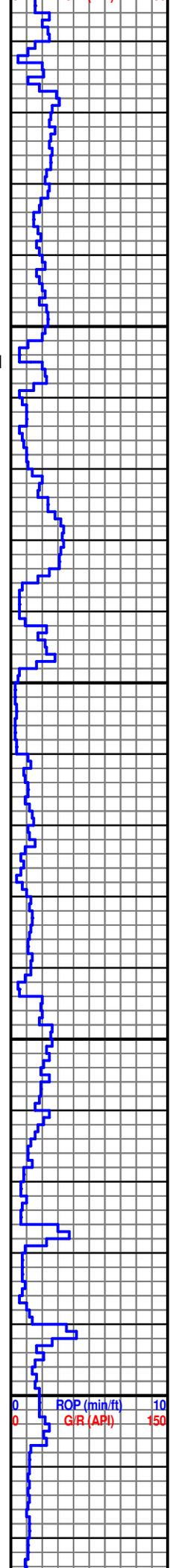
WOB- 15K
RPM- 110
PP- 1,400
SPM- 110

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

NO GAS RECORDED FROM 4,250-4,260'. GAS TRAP FROZEN.

MW: 9.2
VIS: 48
LCM: 0

WOB- 15K
RPM- 110
PP- 1,400
SPM- 110
GPM- 345



LS: PRED LT TAN-TAN, SME OFF WHT-WHT, FN XLN, FN TXT, OCC CHERTY, V PR INTERXLN POR, W/ SH: PRED DRK GRY-BLK, SME GRY-LT GRY, FN TXT, SFT MED, OCC CARB, SME SLTY, BLKY, TR SPLNTY, W/ OCC OPQ-TRNSL CHRT, FR DUL YEL FLOR, NO CUT, NO RES RING

MARAMATON @ 4,271' MD (2,521) SS

LS: PRED LT TAN-TAN, SME OFF WHT, V FN-FN XLN, FN-MED TXT, TR HL FRAC, W/ SCAT GRY SH, W/ OCC OPQ CHRT, FR YEL FLOR, V PR DUL YEL FLOR, NO CUT, NO RES RING

LS: PRED LT TAN-TAN, SME OFF WHT, FN XLN, FN-MED TXT, OCC SNDY, NO VIS POR, W/ OCC SH, V PR DUL YEL FLOR, NO CUT, NO RES RING

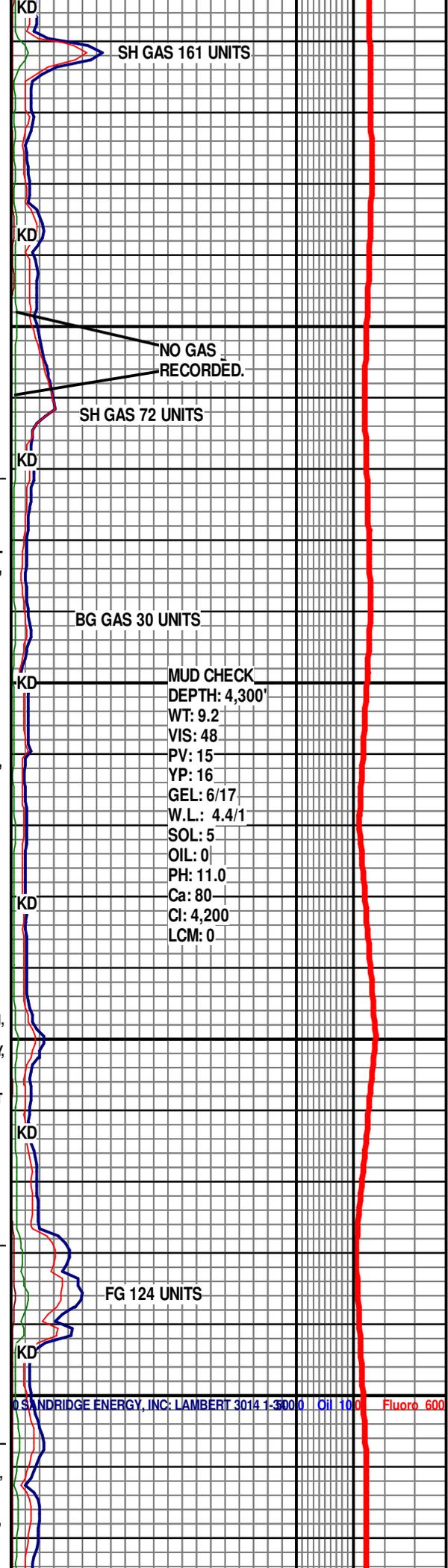
MISSISSIPPI @ 4,344' MD (-2,594') SS

LS: PRED LT TAN-TAN, FN XLN, FN TXT, OCC SNDY, NO VIS POR, W/ SH: PRED GRY-LT GRY, FN TXT, SFT MED, SLTY, BLKY, W/ SME CHRT, PR DUL YEL FLOR, FR WHT CUT, THIN WHT RES RING

KINDERHOOK @ 4,379' MD (-2,629') SS

MAQUOKETA @ 4,407' MD (-2,657') SS

SH: PRED GRY-LT GRY, FN TXT, SFT MED, SLTY, BLKY, W/ LS: PRED LT TAN-OFF WHT, FN XLN, FN TXT, DOL, NO VIS POR, W/ OCC CHRT, V PR DUL YEL-WHT FLOR, NO CUT, NO RES RING



SH GAS 161 UNITS

NO GAS RECORDED.

SH GAS 72 UNITS

BG GAS 30 UNITS

MUD CHECK
DEPTH: 4,300'
WT: 9.2
VIS: 48
PV: 15
YP: 16
GEL: 6/17
W.L.: 4.4/1
SOL: 5
OIL: 0
PH: 11.0
Ca: 80
Cl: 4,200
LCM: 0

FG 124 UNITS

RESTRICTIONS
**VIOLA @ 4,438'
MD (-2,688') SS**

BG GAS 54 UNITS

LS: PRED OFF
WHT-WHT, OCC CRM, V
FN XLN, OCC FN XLN, FN
TXT, SME DOL, V PR
INTERXLN POR, W/ DOL:
PRED LT GRY-OFF WHT,
OCC SPKLD BLK, V FN
XLN, SUC TXT, LIMY, NO
VIS POR, W/ OCC CHRT,
FR DUL YEL-WHT FLOR,
V PR FAINT WHT CUT,
NO RES RING

FG 109 UNITS

LS: PRED WHT-OFF
WHT, V FN-FN XLN, FN
TXT, OCC DOL, SME
SNDY, NO VIS POR, W/
OCC OFF WHT-LT GRY
DOL, W/ OCC
OPQ-TRNSL CHRT, FR
DUL YEL-WHT FLOR, NO
CUT, NO RES RING

**SIMPSON @
4,536' MD (-2,786)
SS**

BG GAS 35 UNITS

LS: PRED OFF
WHT-WHT, FN XLN,
FN-MED TXT, SNDY, NO
VIS POR, W/ DOL: PRED
OFF WHT, V FN XLN,
SUC TXT, CHRTY, OCC
SNDY, NO VIS POR, W/
SH: PRED LT GRY-GRN,
FN TXT, SFT MED, OCC
SNDY, BLKY, W/ OCC
OPQ CHRT, V PR DUL
YEL FLOR, NO CUT, NO
RES RING

SS: PRED OPQ-TRNSL,
FRSTD, FN-MED GRNS,
SUBANG-SUBRND,
PR-FR SRTNG, FR
CONSLD, OCC
UNCONSL, VPR
INTRGRNLR POR, W/ SH:
PRED GRY, FN TXT, SFT
MED-FRM, SNDY, BLKY,
PR DUL YEL FLOR, NO
CUT, NO RES RING

SANDRIDGE ENERGY, INC: LAMBERT 3014 1-300 Oil 10 Fluoro 600

DRILLER CALLED

MW: 9.3
VIS: 48
LCM: 0

WOB- 15K
RPM- 110
PP- 1,400
SPM- 110
GPM- 345

0 BOP (min/ft) 10
0 B/R (API) 150

ROP

4650

00

TD @ 4,638' ON
1-17-2014

1,735' GR 1,750'
KB

SANDRIDGE
ENERGY, INC.
LAMBERT 3014
1-34 SEC
34-30S-14W
BARBER CO, KS

GAS