



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

Well Name: Jacobs-Wood #2
Location: 1-30S-31W
License Number: API: 15-081-22154
Spud Date: 02/22/17
Surface Coordinates: 1530' FNL, 2245' FWL

Region: Haskell Co., KS
Drilling Completed: 03/07/17

Bottom Hole
Coordinates:
Ground Elevation (ft): 2833 K.B. Elevation (ft): 2844
Logged Interval (ft): 4100 To: 6785 Total Depth (ft): 6785
Formation: Arbuckle
Type of Drilling Fluid: Chemical

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

OPERATOR

Company: White Exploration, Inc.
Address: 1635 N. Waterfront Pkwy
Ste. 100
Wichita, KS, 67206

GEOLOGIST

Name: Andrew White
Company: White Exploration, Inc.
Address:

Remarks

Based on analysis of samples, Logs, and DST results, the decision to plug and abandon the Jacobs-Wood #2 was made.

General Info

Drilling Contractor: Murfin Rig 21

Logs: ELI Wireline Services
Compensated Density/Neutron, Dual, Micro, Sonic

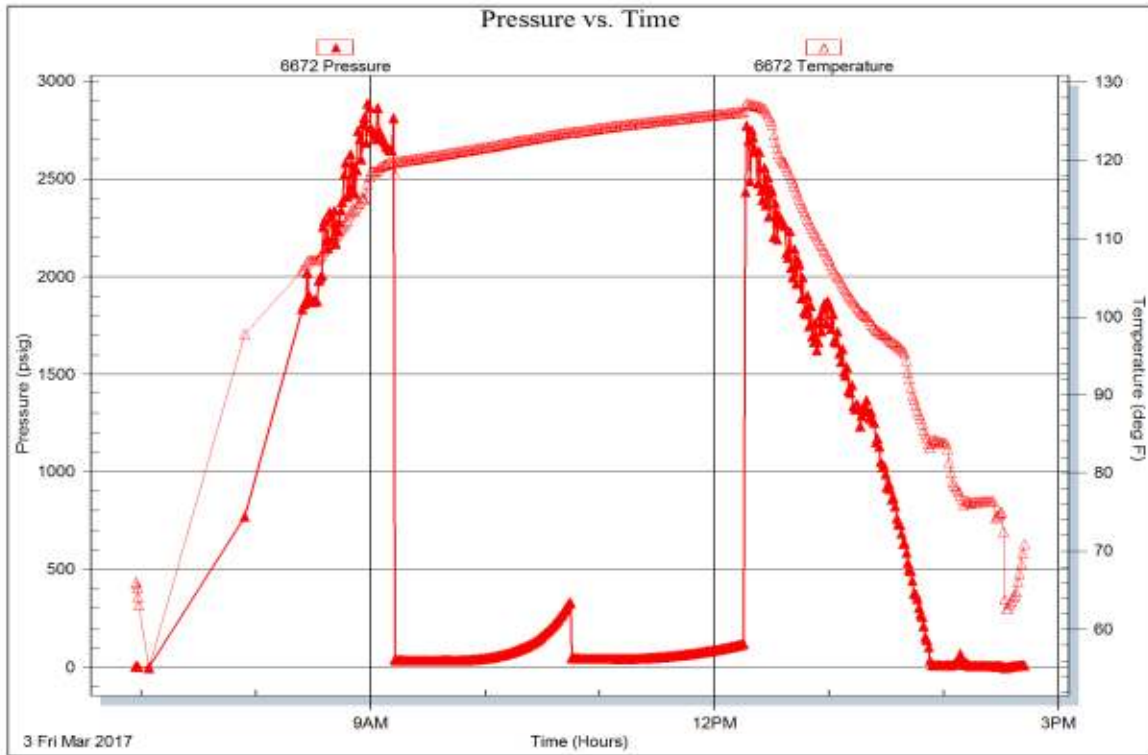
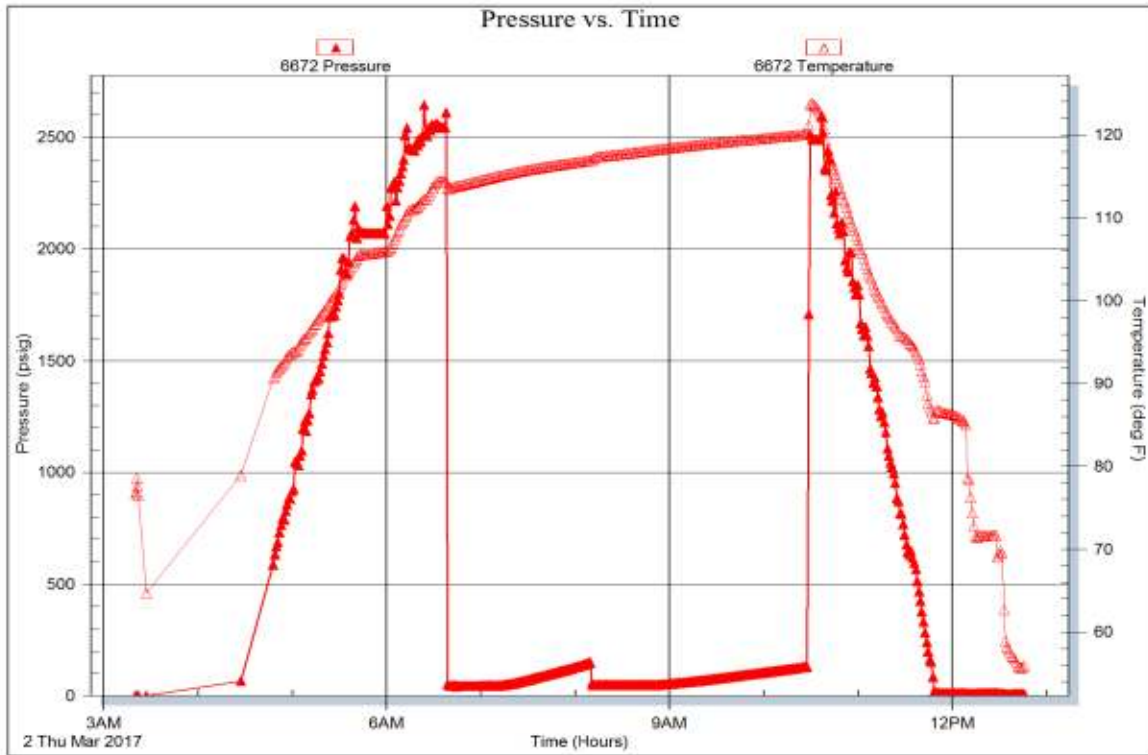
Drilling Mud: Mudco/Service Mud, Inc.

Surveys: 683'-1, 969'-.75, 1200'-.8, 1782'-.5, 2081'-.8, 3066'-.8, 3572'-.3, 4074'-1, 4450'-.5, 5016'-.4, 5270'-.2, 5530'-.9, 6114',.9, 6785'-.9

Daily Status


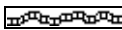
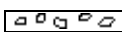

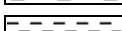
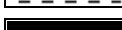

02/22/17: Spud well @ 3:15 p.m.
 02/23/17: Drilling surface hole @ 875'
 02/24/17: Drilling Surface hole @ 1659'. Drill to 1782', run 44 joints new 8-5/8" 24# surface casing. cemented with 400 sacks H-Con Cment with 6% gel and 3% CC and 1/4# sack Pheno-seal. followed by 225 sacks of Common Cement with 2% CC and 1/4# sack of Pheno-seal.
 02/25/17: Waiting on cement
 02/26/17: Drilling ahead @ 2585'
 02/27/17: Drilling ahead @ 3405'
 02/28/17: Drilling ahead @ 4007'
 03/01/17: Drilling ahead @ 4846'
 03/02/17: Running DST #1 @ 5270'
 03/03/17: Running DST #2 @ 5530'
 03/04/17: Drilling ahead @ 5814'
 03/05/17: Drilling ahead @ 6201'
 03/06/17: Circulating @ 6700'
 03/07/17: Logging, plug well with 210 sacks of 60/40 Poz Mix with 4% gel, and 1/4# Floseal/sack.







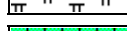

	White Ex			First Nat.		Abercrombie	
	Jacobs-Wood #2			Wood-Jacobs #1		Marilyn Wood #1	
	1-30S-31W			1-30S-31W		36-29S-31W	
	1530' FNL, 2245' FWL						
	KB: 2844			KB: 2837		KB: 2840	
	Sample	Log	Datum	Relationship		Relationship	
B. Stone Corral	1780	1780	1064	+3		+18	
Heebner	4171	4171	-1327	+3		+3	
Lansing	4271	4271	-1427	+4		+9	
Stark	4670	4665	-1821	+6		+12	
Marmaton	4834	4833	-1989	+2		+3	
Morrow	5214	5216	-2372	-3		+4	
St. Gen	5415	5410	-2566	+7		+25	
Viola	6466	6476	-3632	NDE		NDE	
Arbuckle	6705	6710	-3866	NDE		NDE	

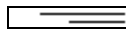







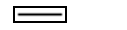






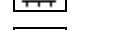
ROCK TYPES






LITHOLOGY

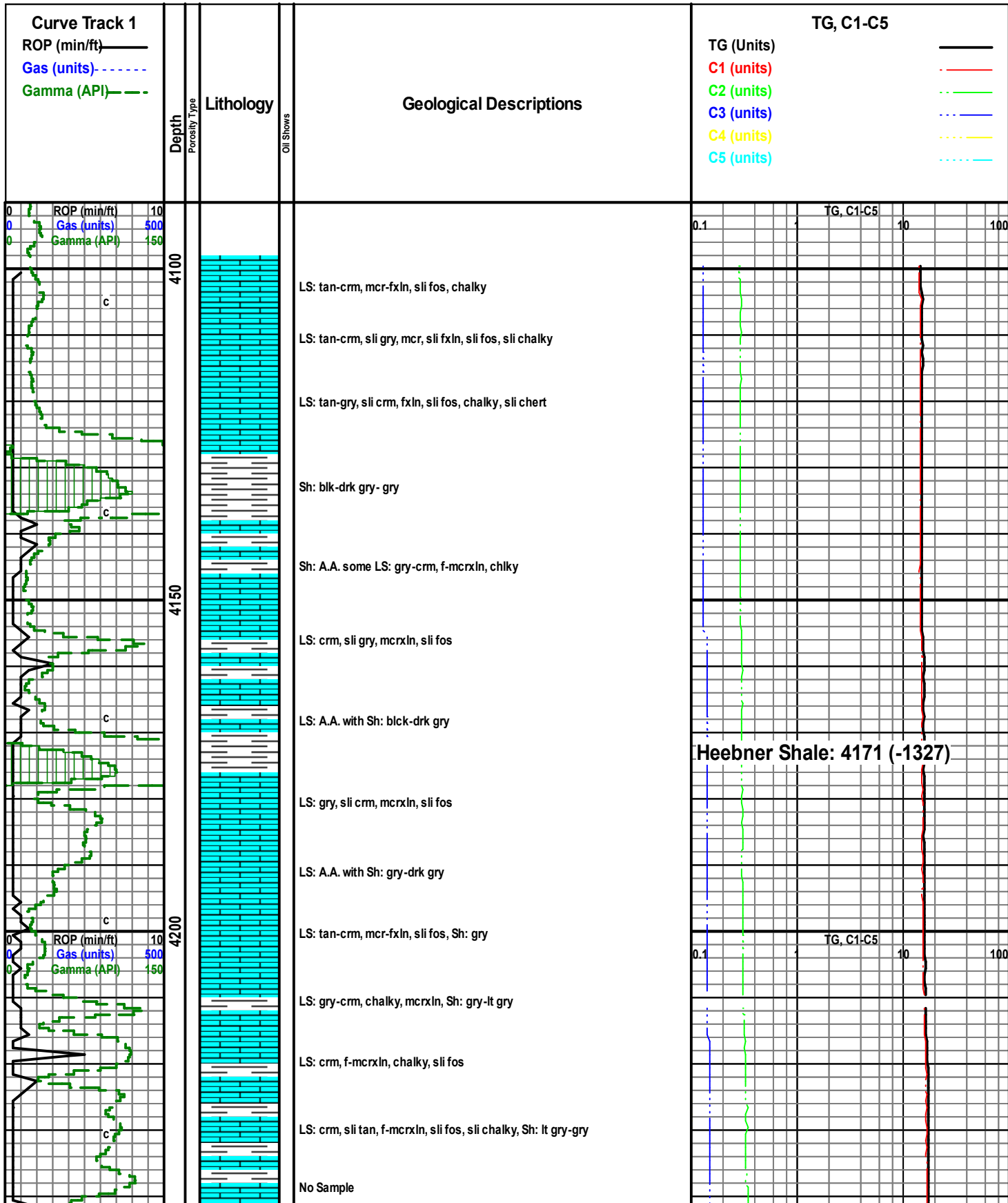
-  Anhy
-  Bent
-  Brec
-  Cht
-  Clyst
-  Coal
-  Congl

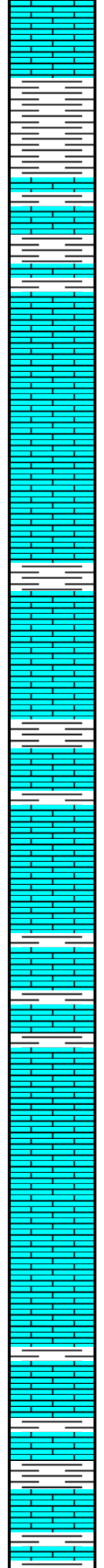
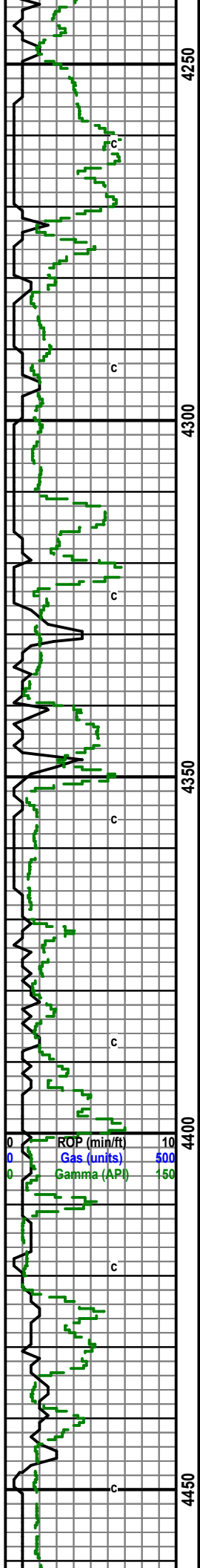
-  Dol
-  Gyp
-  Igne
-  Lmst
-  Meta
-  Mrlst
-  Salt
-  Shale

-  Shcol
 -  Shgy
 -  Sltst
 -  Ss
 -  Till
- STRINGER**
-  Anhy

-  Arg
-  Bent
-  Coal
-  Dol
-  Gyp
-  Ls
-  Mrst
-  Sltstrg

-  Ssstrg
- OIL SHOW**
-  Even
 -  Spotted
 -  Ques
 -  Dead





Sh: gry-grm, sli brn, with some LS: A.A.

Sh: A.A.

Sh: gry-drk gry

Sh: A.A. with LS: gry, sli crm, mcr-fxln

No Sample

LS: crm, few gry, mcr-fxln, chalky

LS: A.A. sli cherty

LS: crm-tan, mcr-fxln, sli chalky, cherty some Sh: gry

LS: crm-gry, mcrxln

LS: crm, sli gry, mcrxln, chalky, sli fos

LS: crm, sli gry, mcr-fxln, Sh: gry

LS: crm-gry-tan, mcr-fxln, sli fos, chalky, Sh: gry

LS: crm-tan, mcr-fxln, sli chalky

LS: tan- crm, chalky, mcr-fxln, Sh: grn-gry

LS: A.A.

LS: tan-gry, fxln, fos

LS: A.A., chalky

sample mostly chalk

LS: crm-tan-gry, mcrxln, Sh: gry-lt gry

LS: tan-crm sli gry, mcrxln some fxln, Sh: gry

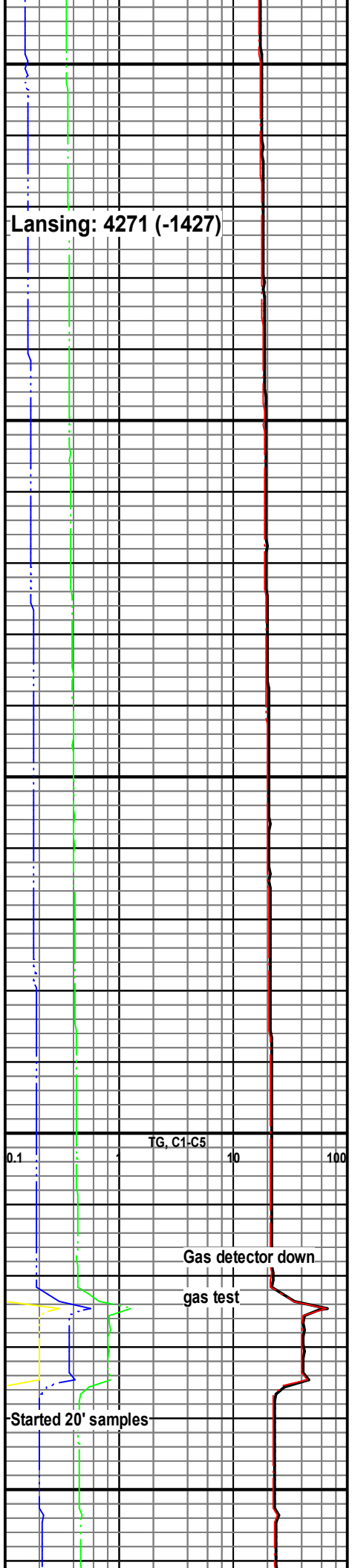
LS: tan-sli gry, mcr-fxln, sli ool, sli fos, sli chert, chalky, Sh: gry- lt gry

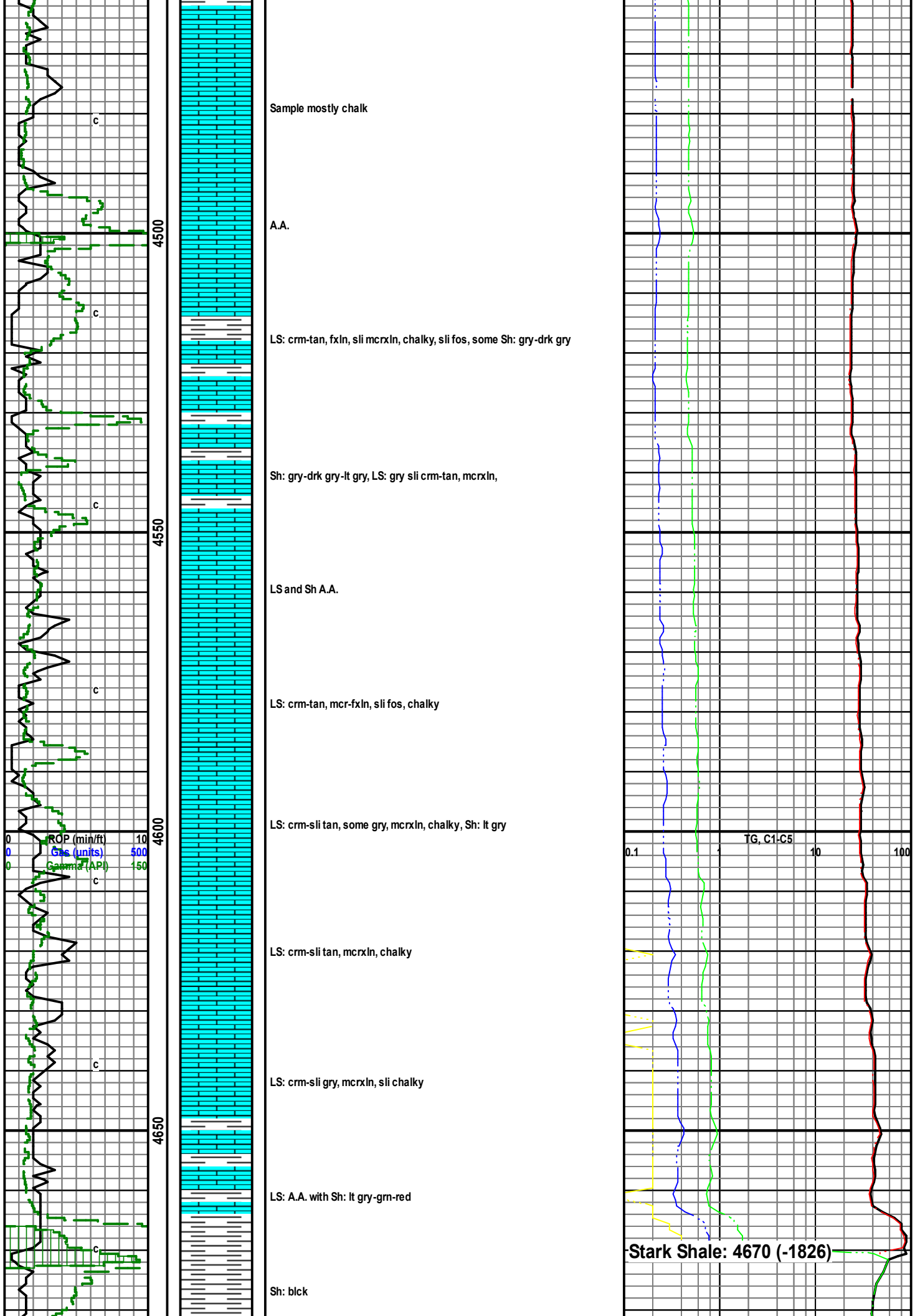
Lansing: 4271 (-1427)

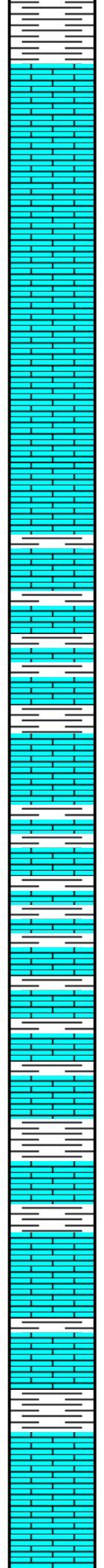
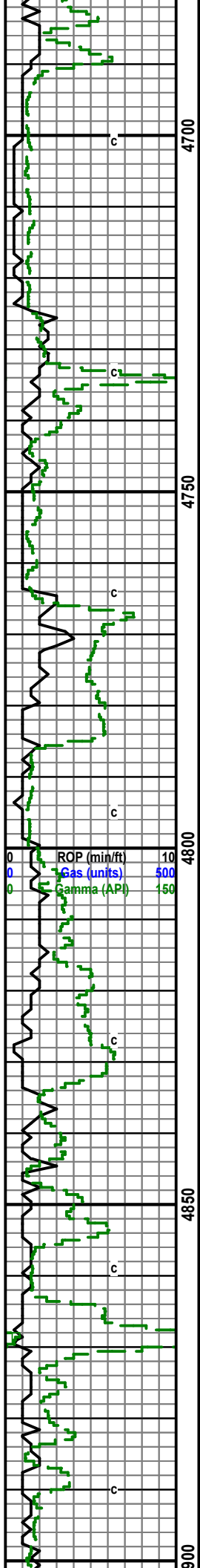
TG, C1-C5

Gas detector down
gas test

Started 20' samples







Sh: gry-lt gry, LS: tan-crm, sli gry, mcr-fxln, friable, chalky, sli fos

LS: tan, oom-ool, pr-fr vis por, sub friable, sli chalky, no odor, no fluor, no show

LS: A.A.

LS: A.A. with some gry-crm mcrxln, sli chalky

LS: gry-crm, sli tan, mcrxln, sli chalky, Sh: gry

Sh: gry-drk gry, with some LS: A.A.

Sh: A.A. with some LS: tan, mcrxln, ool

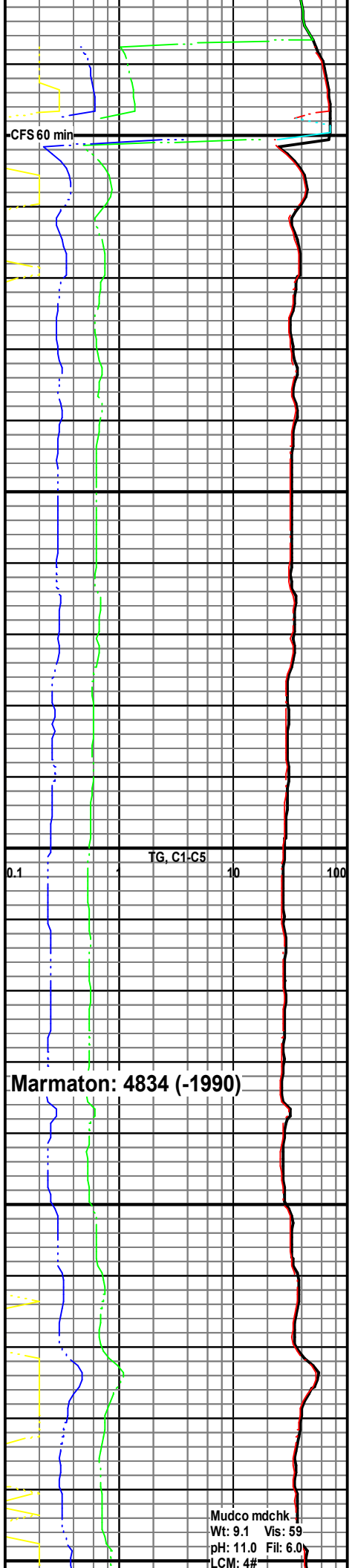
LS: gry-sli crm, mcrxln, sli chalky, Sh: gry

LS: crm-gry, mcrxln, sli chalky, some Sh: gry

LS: crm-gry, mcrxln, some Sh: gry

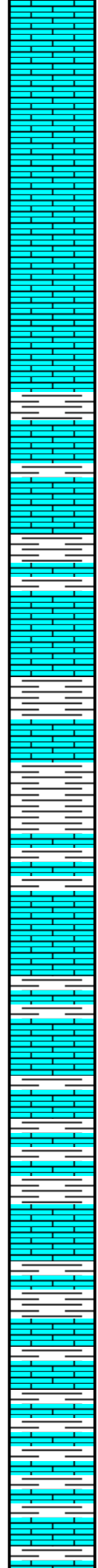
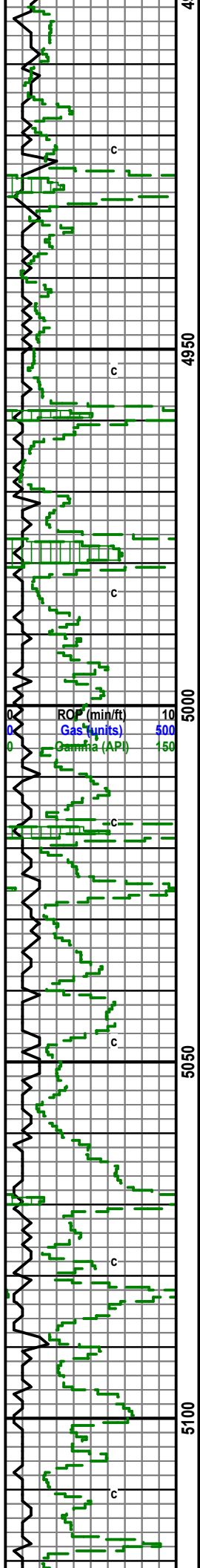
LS: gry-crm, sli tan, mcrxln, few fxln, sli fos, Sh: gry

LS: gry-crm, sli tan, mcrxln, sli fos.



Marmaton: 4834 (-1990)

Mudco mdchk
 Wt: 9.1 Vis: 59
 pH: 11.0 Fil: 6.0
 LCM: 4#



LS: crm-gry, sli tan, mcrxln, sli fos

LS: gry-crm, mcrxln, some fxln

LS: crm-gry, mcrxln sli fxln, Sh: drk gry-blck

LS: gry-crm, some tan, mcrxln few fxln, sli fos, Sh: blck

LS: crm-gry, mcrxln, Sh: lt gry-gry

Sh: gry-drk gry-lt gry, some LS: gry, sli crm, mcrxln,

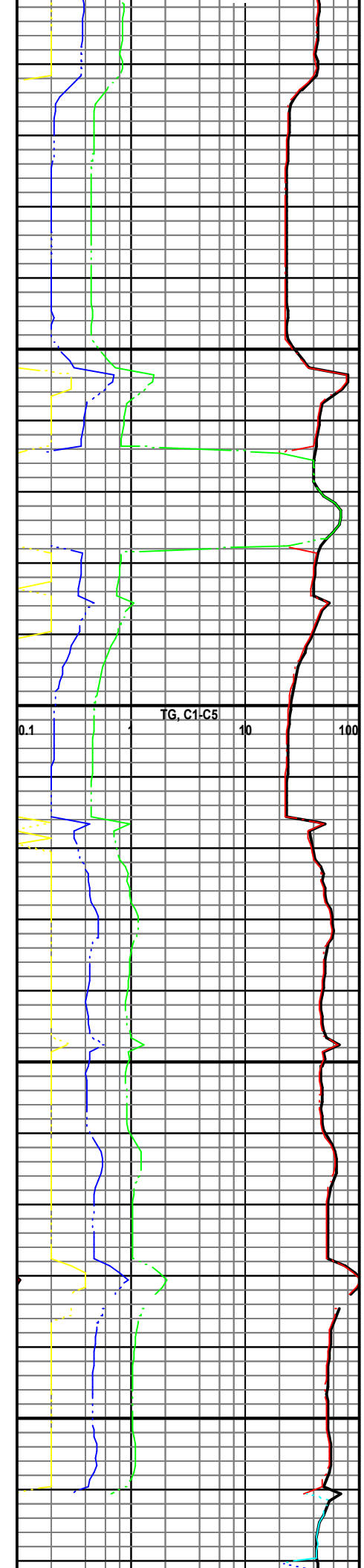
LS: gry, sli crm, mcrxln, sli fos, Sh: gry

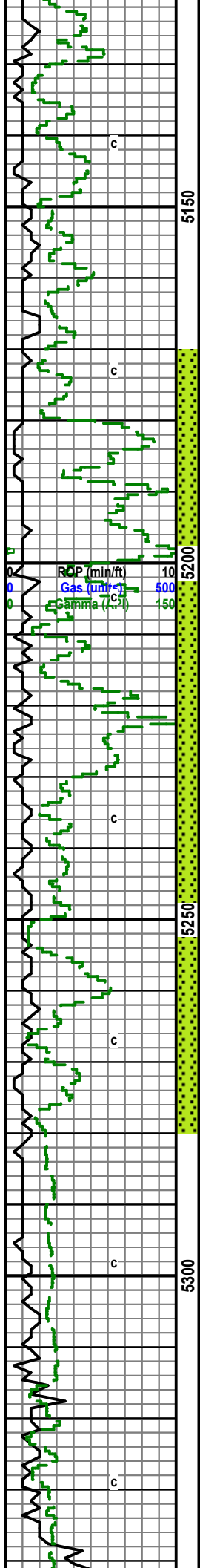
Ls and Sh: A.A.

LS: crm-tan, some gry, mcrxln, sli fxln, some Sh: gry-drk gry

LS: crm-gry, sli tan, mcr-fxln, sli fos, sli cherty, some Sh: blck-drk gry

LS: gry/crm-brwn/tan, mcrxln, sli fos, Sh: gry-drk gry





LS: crm-gry, some tan, mcr-fxln, sli fos, few pieces had vvpr ques sli show gas, no odor, pr dull yell fluor

LS: crm, sli tan-gry, mcrxln, some fxln, some Sh: gry-drk gry

LS: gry/crm, mcrxln, sli cherty, Sh: gry-drk gry-bck

LS: A.A. some crm-tan, mcr-fxln, sli chalky, Sh: gry-drk gry

LS: crm-gry, some tan/crm, mcrxln, sli fxln, few sandy, Sh: drk gry-gry, sli bck

LS: gry-crm, mcr-fxln, some sli sandy, vvr pos sho gas/condensate, pos dead oil

LS: crm-tan, sli gry, f-mcrxln, some sandy, quest stain on few, pos show fo, gas/condensate, pr vis por, no-sli odor, no fluor,

LS: crm-tan, mcr-fxln, some sandy, stain on few, sli SFO, sli gas, no odor, pr-no fluor, pr vis pp por

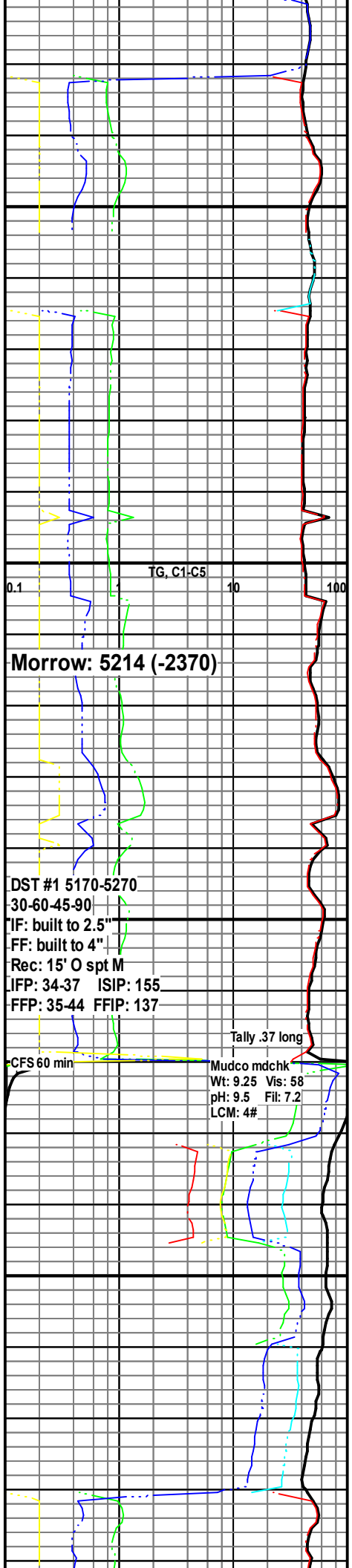
Some LS: A.A. with Sh: gry-grn

Sh: grn-gry-rd, some LS: crm-tan-gry, mcr-fxln, sli fos

Sh: grn-lt gry-gry, some red-yellow, some LS: crm-tan, mcr-fxln, sli sandy in prt, few pieces pos dead oil stn, cherty

Sh: gry-grn, sli red, LS: crm-gry, sli tan, mcr-fxln, some sli sandy,

Sh: lt gry, some grn, LS: crm-gry, mcrxln, sli fos, sli cherty, sli chalk



TG, C1-C5

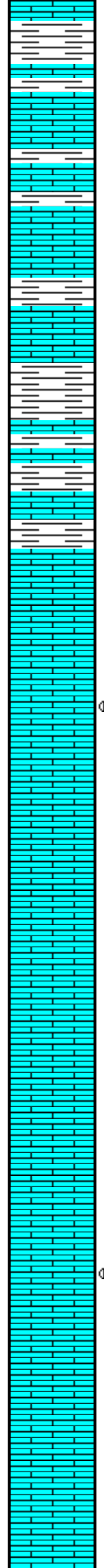
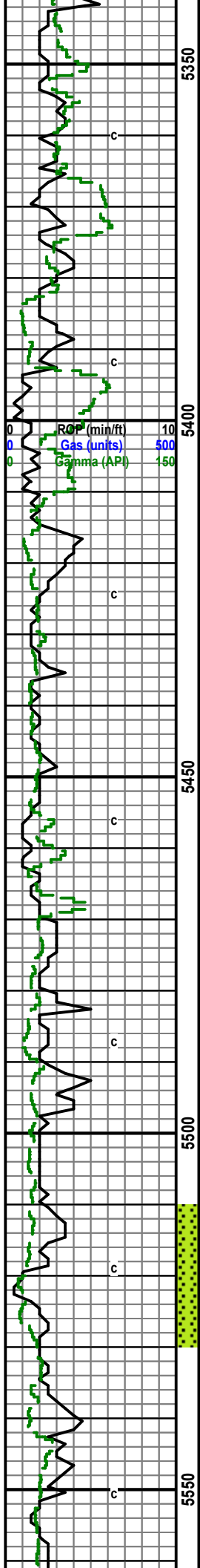
Morrow: 5214 (-2370)

DST #1 5170-5270
30-60-45-90
IF: built to 2.5"
FF: built to 4"
Rec: 15' O spt M
IFP: 34-37 ISIP: 155
FFP: 35-44 FFIP: 137

Tally .37 long

CFS 60 min

Mudco mdchk
Wt: 9.25 Vis: 58
pH: 9.5 Fil: 7.2
LCM: 4#



LS: crm-gry, mcrxln, some fxln, sli chalky, sli cherty, few pieces ool, Sh: A.A.

LS: crm-gry, mcrxln, few fxln, sli cherty, Sh: lt gry

Sh: grn-red-lt gry, LS: crm, sli tan-gry, mcrxln, few fxln, sli fos, sli cherty, some chalk

Sh: A.A. with LS: crm, mcr-fxln, ool in prt,

LS: crm, mcr-fxln, ool in prt, few pieces have drk stain, and vssfo, no odor, dull fluor

LS: crm, mcr-fxln, ool-sandy

LS: A.A. with some cherty pieces

LS: A.A.

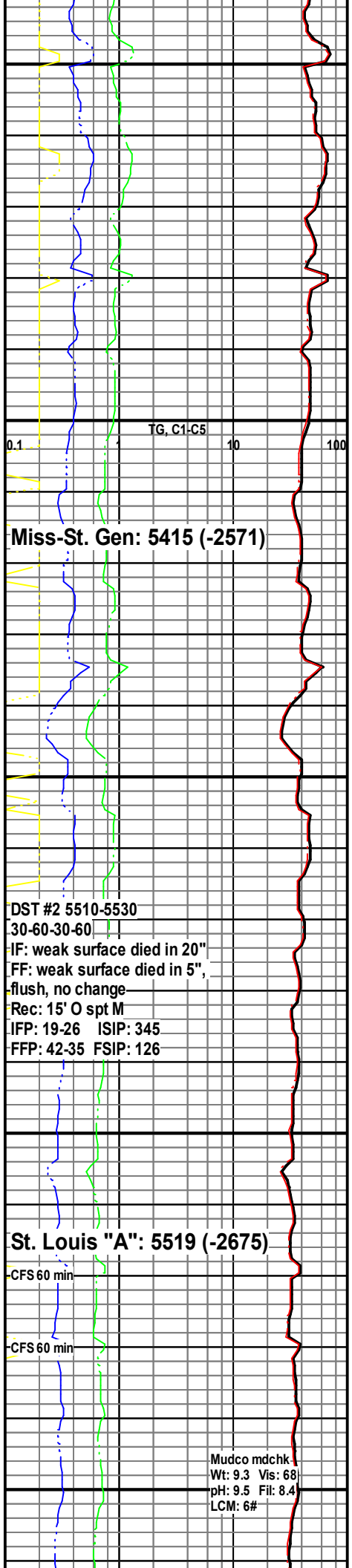
LS: A.A. with, crm-tan, mcrxln, cherty

LS: crm-tan fxln ool, fr stn, fr odor pr dull fluor, fr sfo in a few pieces

LS: crm-tan, mcrxln some chert

LS: crm-gry, fxln, sli mcrxln, chalky, Sample contained mostly Shale

LS: crm, sli gry, fxln, few mcrxln, ool in prt, chalky



Miss-St. Gen: 5415 (-2571)

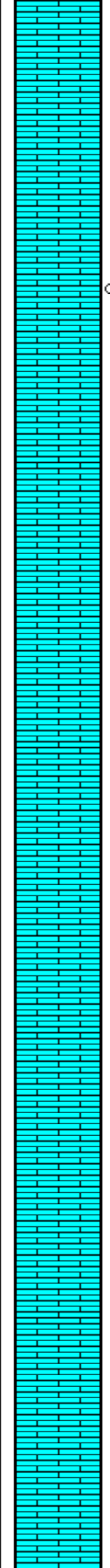
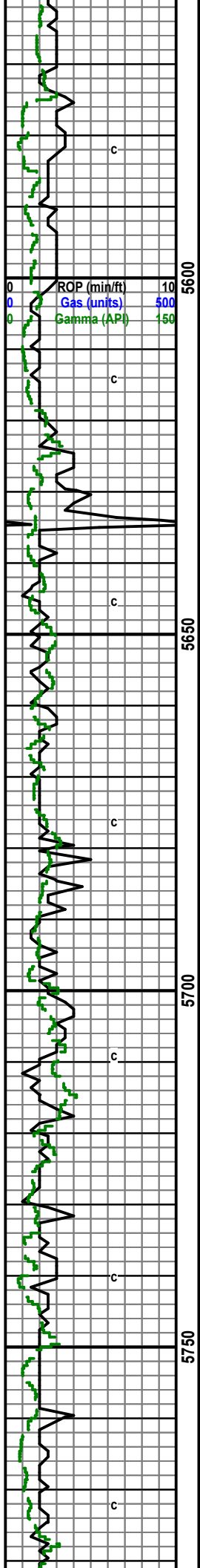
DST #2 5510-5530
 30-60-30-60
 IF: weak surface died in 20"
 FF: weak surface died in 5",
 flush, no change
 Rec: 15' O spt M
 IFP: 19-26 ISIP: 345
 FFP: 42-35 FSIP: 126

St. Louis "A": 5519 (-2675)

CFS 60 min

CFS 60 min

Mudco mdchk
 Wt: 9.3 Vis: 68
 pH: 9.5 Fil: 8.4
 LCM: 6#



LS: A.A.

LS: crm, sli tan, fxln, some mcrxln, ool in prt, sli show gas/condesate, no vis por, no fluor, fr odor

LS: crm-gry, mcr-fxln, ool in prt, sli fos, chalky

LS: crm-gry, mcrxln,

LS: crm, sli tan, mcrxkn, cherty

LS: crm, sli tan, mcrxln, sli dolo, sli cherty, sli fos

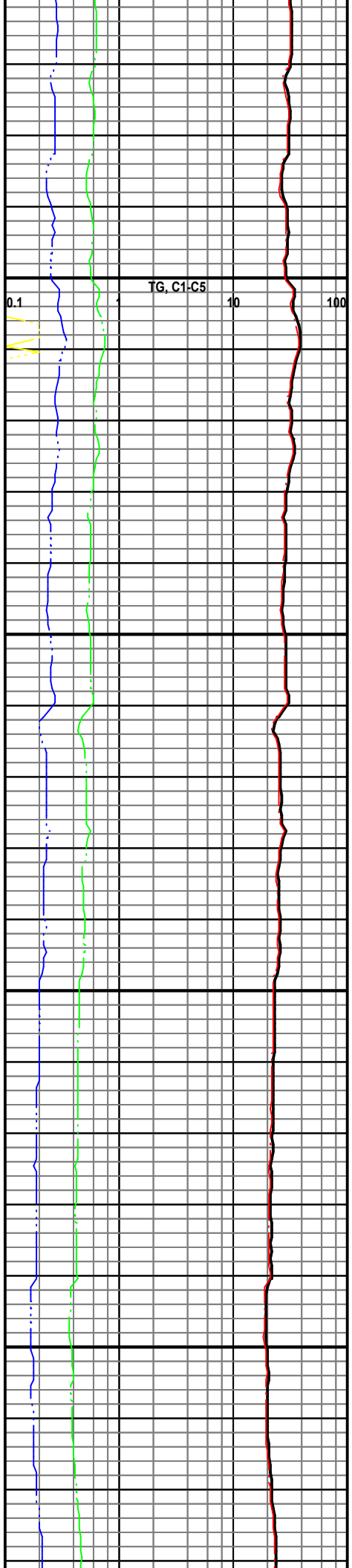
LS: crm-tan, mcrxln, sli dolo, sli fos

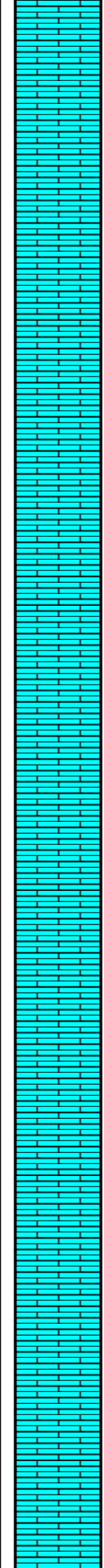
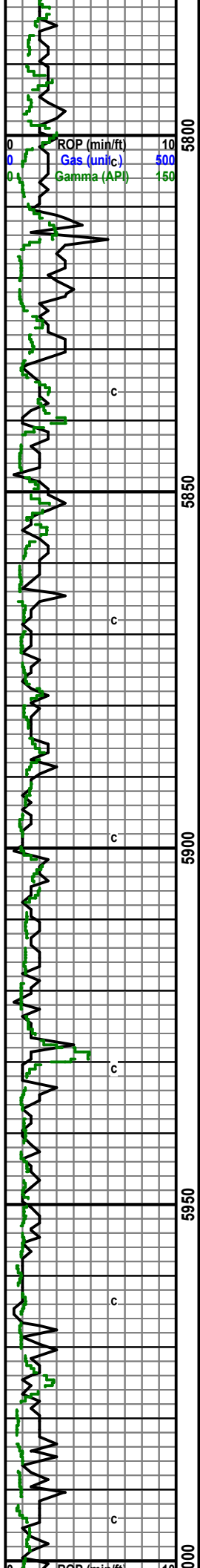
Dolo: gry, mcrxln,

LS: crm-tan, mcrxln, cherty dolomitic, some Dolo: A.A.

Sample A.A.

LS: crm tan gry mcr fxln Dolo: gry mcrxln





LS: crm-tan-gry, mcrxln, Dolo: gry, mcrxln

LS: crm, sli tan-gry, mcrxln, sli fos, few pieces Dolo: A.A.

LS: crm, sli gry, few tan, mcrxln, cherty, sli chalky

LS: crm-sli tan, sli gry, mcrxln, cherty, some Dolo: gry-tan, mcrxln

LS: crm-tan, mcrxln, cherty, sli chalky, Dolo: gry-tan, mcrxln

Sample A.A.

LS: crm, sli tan, mcrxln, fos, sli chalky, dolomitic

Sample A.A.

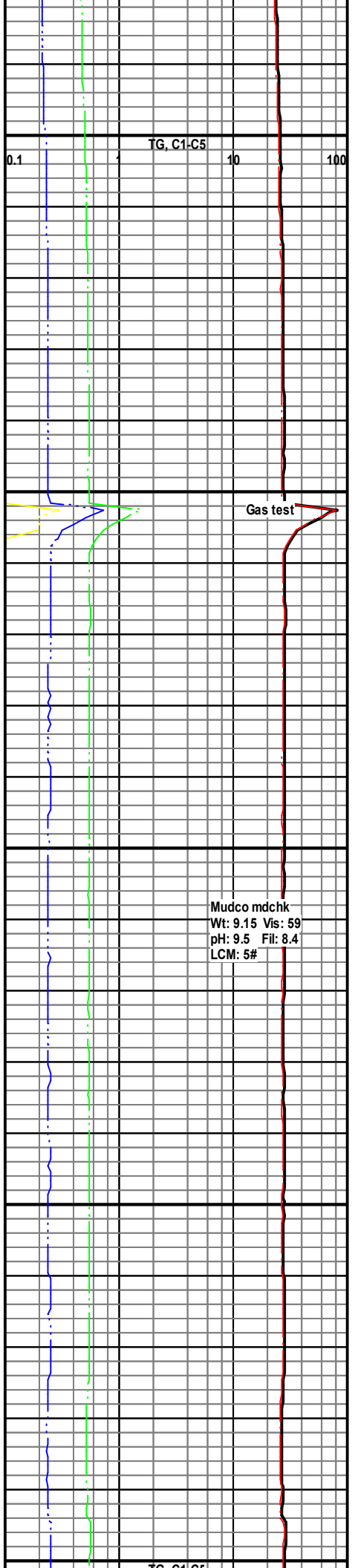
LS: crm, sli gry-tan, mcrxln, sli chalky, sli dolo

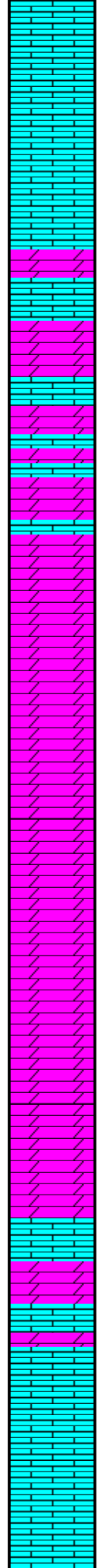
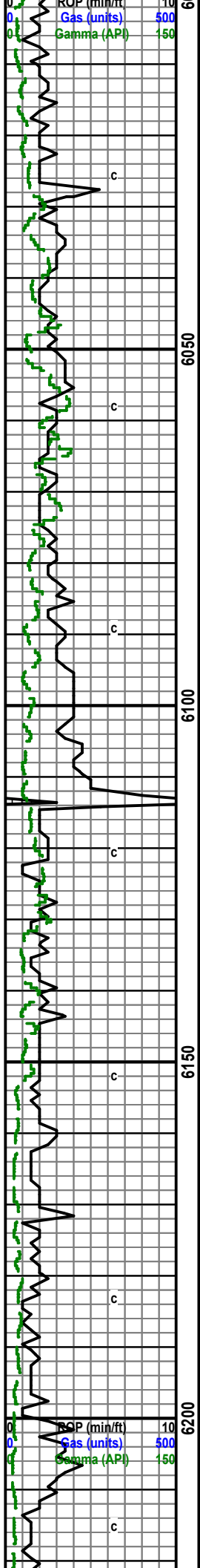
LS: crm, sli gry-tan, mcrxln, sli chalky, cherty, dolo

Sample mostly chalk, some LS: crm, few tan, mcrxln, sli fos, sli dolo

LS: crm-gry, dolo, mcrxln, sli fos, sli chert, chalky

Sample A.A.





A.A.

Dolo: gry, mcrxln, with LS: crm, sli tan-gry, mcrxln, sli cherty

Dolo: gry, mcrxln, some LS: crm, sli tan, mcrxln, chalky

Dolo: A.A.

No Sample

No Sample

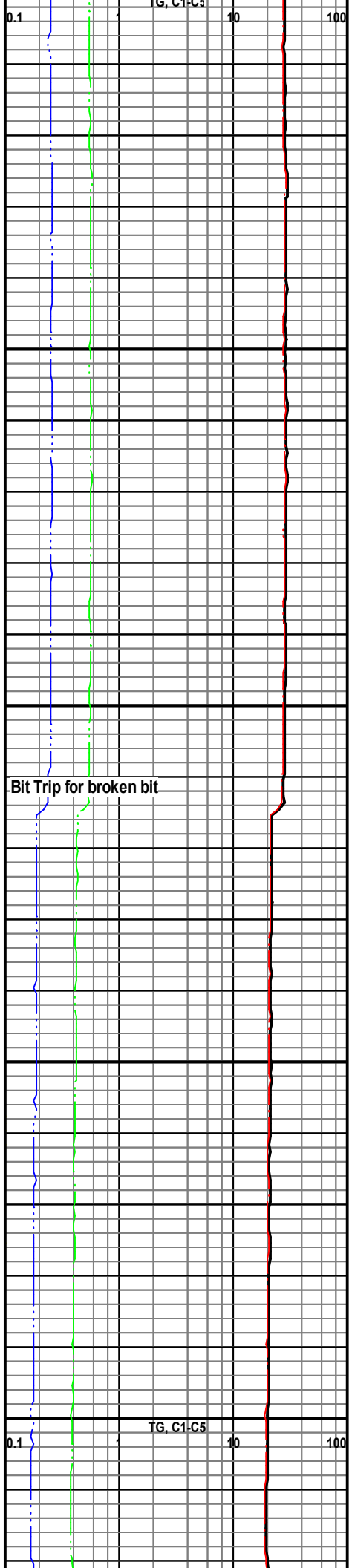
Dolo: gry, sli crm, mcrxln, sli cherty, some chalk

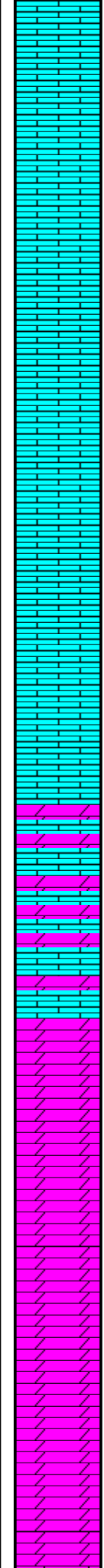
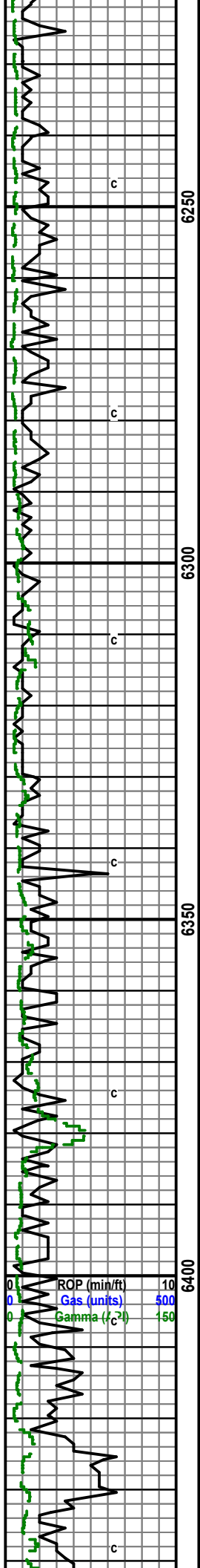
Dolo: gry-crm, mcrxln, sli limey, cherty, sli chalky

Dolo: A.A. some LS: crm, mcrxln, chalky

LS: crm, sli gry, mcrxln, sli dolo, cherty, sli chalky

LS: A.A. with Dolo: gry, mcrxln





LS: crm, sli gry-tan, mcrxln, chalky, cherty, sli dolo

LS: A.A.

Sample A.A.

LS: crm, mcrxln, sli chalky, sli cherty

LS: crm, sli gry, mcrxln, chalky, sli dolo

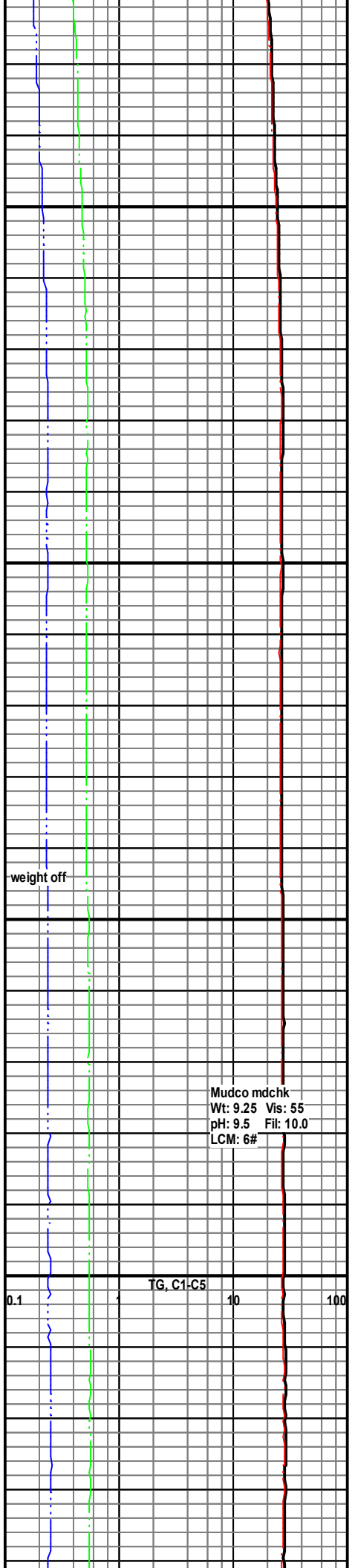
LS: A.A., Dolo: gry-tan, mcrxln, sli cherty

Sample A.A.

Dolo: gry, sli crm, mcrxln, some LS: crm, sli tan, mcrxln, cherty

Sample A.A.

Dolo: gry, sli crm, mcrxln, some LS: crm, mcrxln, sli chalky, cherty

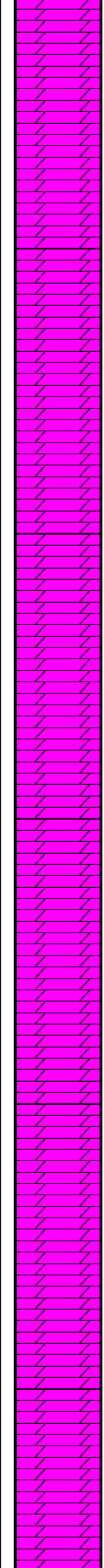
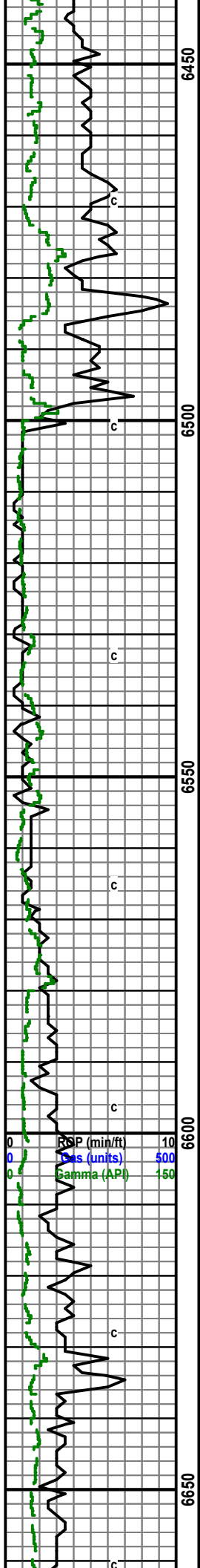


Mudco mdchk
 Wt: 9.25 Vis: 55
 pH: 9.5 Fil: 10.0
 LCM: 6#

ROP (min/ft) 10
 Gas (units) 500
 Gamma (°C) 150

TG, C1-C5

0.1 10 100



Dolo: gry, sli crm, mcrxln, some LS: crm, mcrxln, cherty

Dolo: gry, sli crm, mcrxln, cherty

Dolo: gry-tan, sli crm, mcrxln, cherty

Dolo: A.A.

Dolo: gry-crm, mcrxln, chalky, cherty

Dolo: tan-sli gry, mcrxln, cherty, chalky

A.A.

Dolo: crm, sli gry, mcrxln, cherty, sli chalky

Dolo: crm, sli tan, mcrxln, cherty, sli chalky

Dolo: crm-tan, sli gry, mcrxln, cherty, sli chalky

Dolo: A.A.

Dolo: crm-tan, mcrxln, cherty, sli chalky

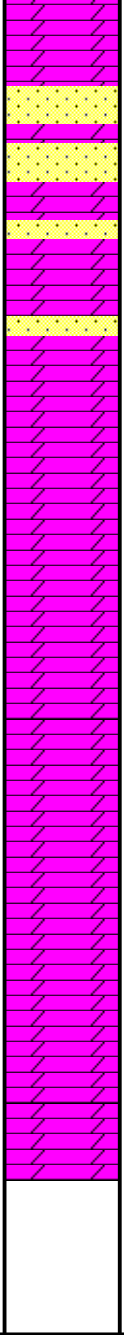
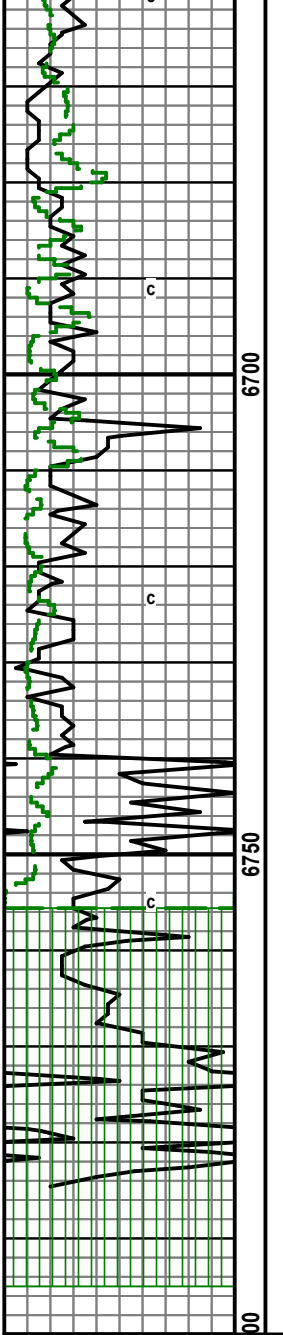
Dolo: crm-gry, sli tan/brwn, mcrxln, cherty

Viola: 6466 (-3622)

adjust WOB and RPM

CFS 90 min

TG, C1-C5
0.1 10 100



Dolo: A.A. with Sh: gry-lt gry, some SS: clear-opaque, sub-well round, well sort, dolo,

Dolo: tan-crm, sli gry, mcr-fxln, chalky, cherty, some SS: A.A.

Dolo: tan-crm, mcr-fxln, sli chalky, cherty

Dolo: tan-crm, mcr-fxln, sli chalky, cherty

Dolo: crm-tan, sli gry, mcrxln, cherty

Dolo: crm-tan, mcrxln, few fxln, cherty

Dolo: A.A. with chalk

Dolo: A.A.

Dolo: crm-tan, mcrxln, cherty

RTD: 6785
LTD: 6787

