



Woolsey Operating Company, LLC
Scale 1:240 (5"=100') Imperial
Measured Depth Log

Well Name: Wiley Trust B GU #2
Location: W/2 E/2 SE SE
License Number: API: 15-007-23612-00-00
Spud Date: November 4, 2010
Surface Coordinates: 660' FSL, 500' FEL Section 17-Twp 34 South - Rge 11 West
Rhodes South Pool
Bottom Hole Coordinates: Vertical Hole
Region: Barber County, Kansas
Drilling Completed: November 19, 2010
Ground Elevation (ft): 1403
K.B. Elevation (ft): 1412
Logged Interval (ft): 4000 To: 5220
Total Depth (ft): 5220
Formation: McLish Shale
Type of Drilling Fluid: Chemical Mud, Displace at 3400'
Printed by WellSight Log Viewer from WellSight Systems 1-800-447-1534 www.WellSight.com

OPERATOR

Company: Woolsey Operating Company, LLC
Address: 125 N. Market, Suite 1000
Wichita, KS 67202

GEOLOGIST

Name: W. Scott Alberg
Company: Alberg Petroleum, LLC
Address: 609 Meadowlark Lane
Pratt, Kansas 67124

FORMATION TOPS

	SAMPLE TOPS	LOG TOPS
HUSHPUCKNEY SHALE	4419(-3007)	4420(-3008)
B/KC	4469(-3057)	4470(-3058)
PAWNEE	4564(-3152)	4564(-3152)
CHEROKEE GROUP	4609(-3197)	4612(-3200)
CHEROKEE SAND	4639(-3227)	4636(-3224)
MISSISSIPPIAN	4647(-3235)	4645(-3233)
COMPTON LIMESTONE	4860(-3448)	4856(-3444)
KINDERHOOK SHALE	4870(-3458)	4865(-3453)
WOODFORD SHALE	4952(-3540)	4946(-3534)
VIOLA	4975(-3563)	4974(-3562)
SIMPSON GROUP	5109(-3697)	5101(-3599)
SIMPSON WILCOX	5134(-3722)	5132(-3720)
MCLISH SHALE	5172(-3760)	5176(-3764)
MCLISH SAND	NDE	NDE
RTD	5220(-3808)	
LTD		5227(-3815)

COMMENTS

Surface Casing: Set 6 joints 10 3/4" at 237.60' with 230 sxs Class A, 2% gel, 3% cc, plug down at 3:00 am on November 5, 2010. Cement did Circulate.

Production Casing: Ran 4 1/2" Casing.

Deviation Surveys: 240' 1/4, 1219' 3/4, 2205' 1, 2810 1/2, 3221' 3/4, 3856 3/4, 4365'(See comments on strip log), 4565' 1.4, 4700' 1.4, 5220' 1.2

Contractor Bit Record: 1- 14 3/4" out at 240'.

2- 7 7/8" out at 4372'.

3- 7 7/8" out at 5220'

Gas Detector: Woolsey Operating Company, Trailer #2

Mud System: Mud Co, Arron Rush, Brad Bortz, Engineers

DSTs: No Tests Ran.

Logged by Superior Well Services, LTD 5227'.


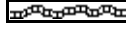
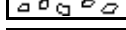

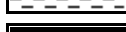








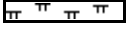






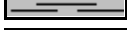


DSTs

No DST's Ran on this well.















































































CREWS

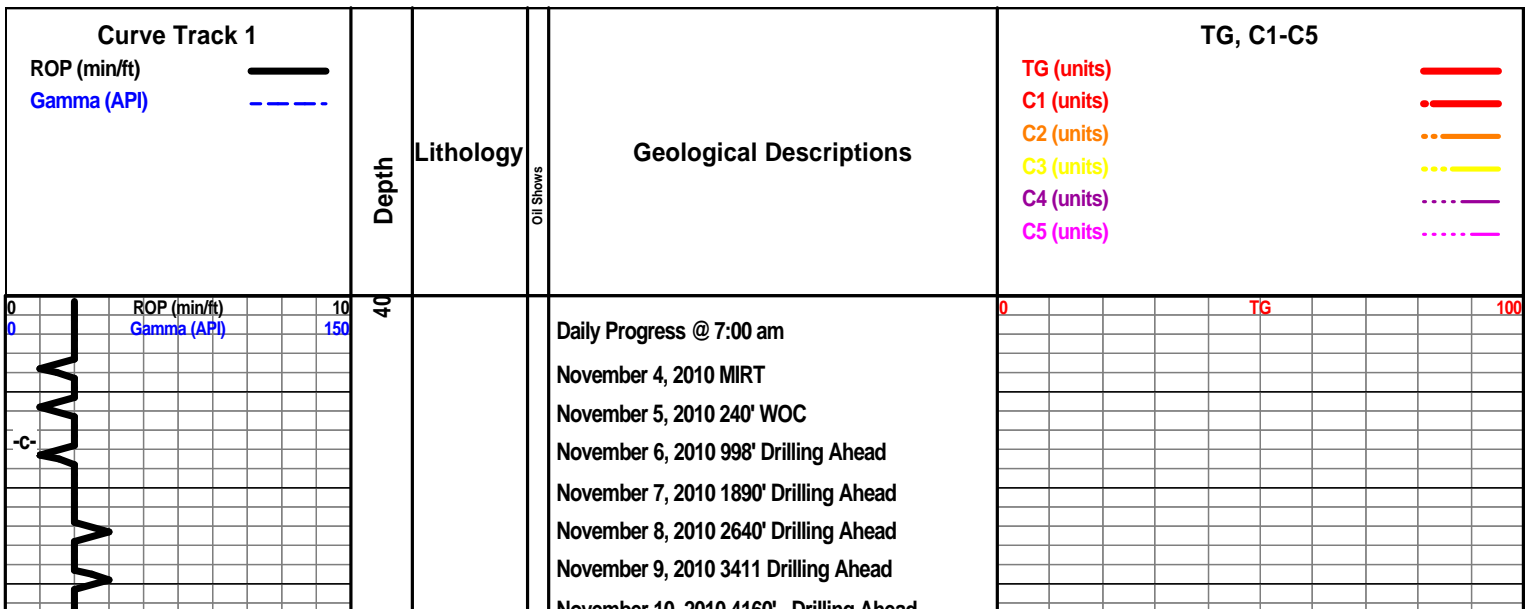
H2 Drilling Rig #3
 Tool Pusher - Randy Smith
 Drillers - Mark Staats
 Gary Axtell
 Cesar Regalado

ROCK TYPES

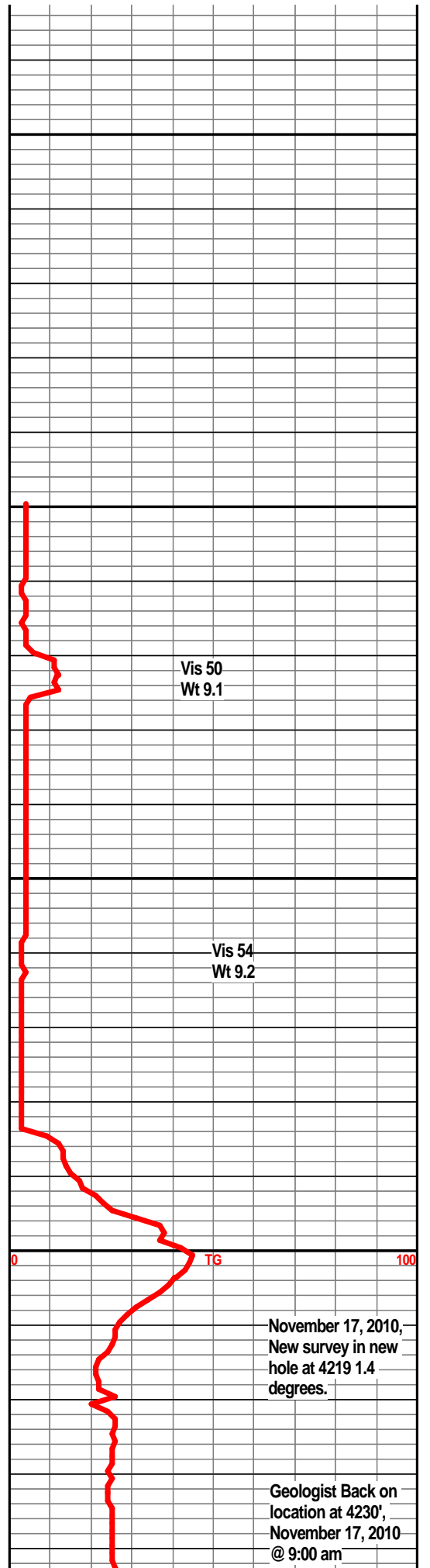
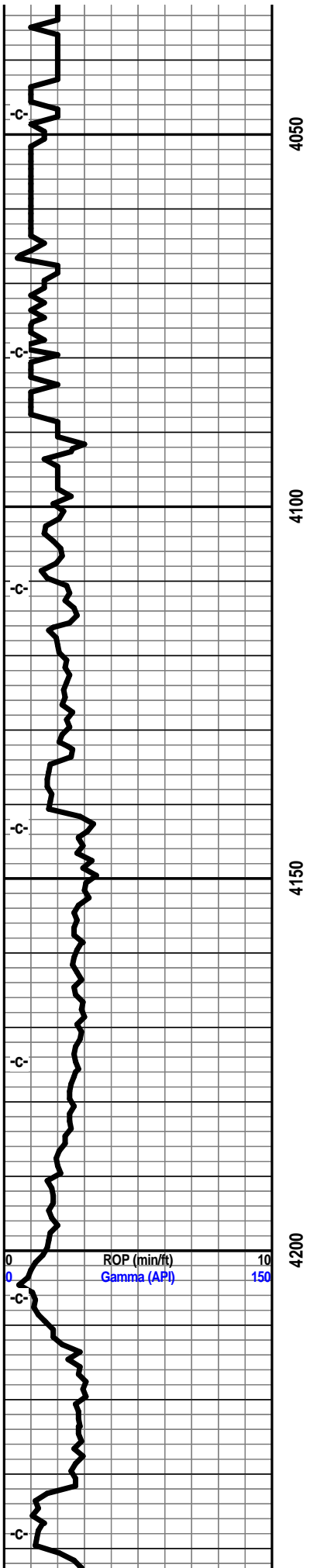
 Anhy  Bent  Brec  Cht  Clyst  Coal	 Congl  Sdy dolo  Shy dolo  Dol  Gyp  Sdy lmst	 Lmst  Mrlst  Salt  Shale  Sltst  Ss	 Black sh  Gry sh  Shale  Shyslts  Sltsh
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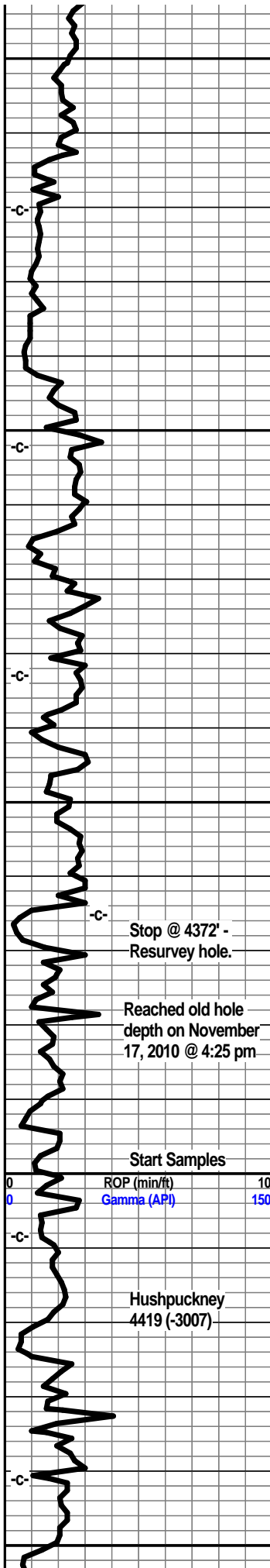
ACCESSORIES

MINERAL  Anhy  Arg  Bent  Bit  Brecfrag  Calc  Carb  Chtdk  Chtlt  Dol  Ferrpel  Ferr  Glau  Gyp  Marl  Nodule  Phos  Pyr  Salt  Sandy  Silt	 Chlorite  Dol  Sand  Silty FOSSIL  Algae  Amph  Belm  Bioclst  Brach  Bryozoa  Cephal  Coral  Crin  Echin  Fish  Foram  Fossil  Gastro  Oolite  Ostra	 Pelec  Pellet  Pisolite  Plant  Strom  Fuss  Oomoldic STRINGER  Anhy  Arg  Bent  Coal  Dol  Gyp  Ls  Mrst  Sltstrg  Ssstrg  Carbsh  Clystn  Dol	 Grysh  Gryslt  Lms  Sandylms  Sh  Sltstn TEXTURE  Boundst  Chalky  Cryxln  Earthy  Finexln  Grainst  Lithogr  Microxln  Mudst  Packst  Wackest
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November 10, 2010 4100' Drilling Ahead
 November 11, 2010 4372' WOC
 November 12, 2010 Drilling out cement
 November 13, 2010 Drilling Out Cement
 November 14, 2010 Drilling Out Cement
 November 15, 2010 WOC
 November 16, 2010 Drilling Out Cement
 November 17, 2010 4155' Drilling New Hole
 November 18, 2010 4717', Drilling Ahead
 November 19, 2010 5220' Short Trip For Log
 November 20, 2010 Running 4 1/2" Casing





4250

4300

4350

4400

4450



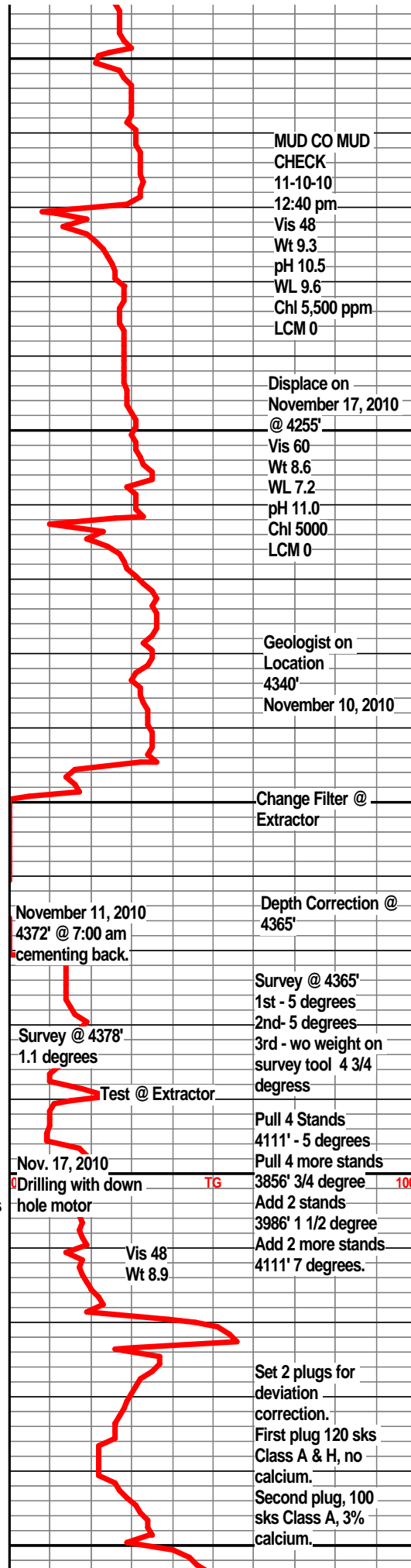
Shale, grey-black.

Limestone, cream-white, xln, foss. traces of foss porosity, sl oolimoldic, sub chalky.

Shale, Grey-black, carb

Limestone, tan, cream-white, xln, sl foss, trace foss porosity, chalky in part.

Shale grey blk grey



MUD CO MUD
CHECK
11-10-10
12:40 pm
Vis 48
Wt 9.3
pH 10.5
WL 9.6
Chl 5,500 ppm
LCM 0

Displace on
November 17, 2010
@ 4255'
Vis 60
Wt 8.6
WL 7.2
pH 11.0
Chl 5000
LCM 0

Geologist on
Location
4340'
November 10, 2010

Change Filter @
Extractor

November 11, 2010
4372' @ 7:00 am
cementing back.

Depth Correction @
4365'

Survey @ 4365'
1st - 5 degrees
2nd - 5 degrees
3rd - wo weight on
survey tool 4 3/4
degrees

Survey @ 4378'
1.1 degrees

Test @ Extractor

Pull 4 Stands
4111' - 5 degrees
Pull 4 more stands
3856' 3/4 degree
Add 2 stands
3986' 1 1/2 degree
Add 2 more stands
4111' 7 degrees.

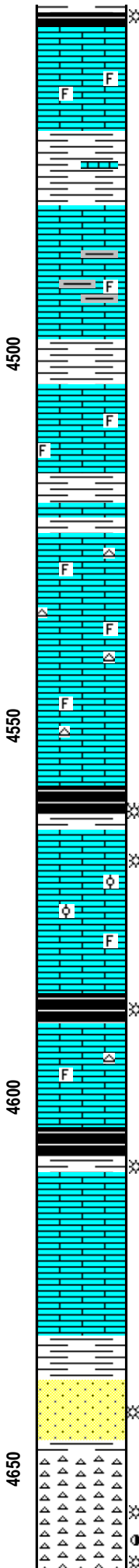
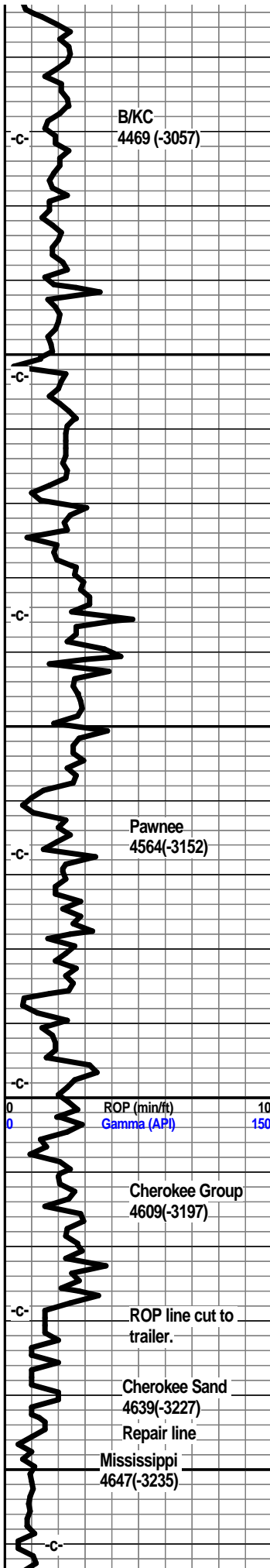
Nov. 17, 2010
Drilling with down
hole motor

TG

100

Vis 48
Wt 8.9

Set 2 plugs for
deviation
correction.
First plug 120 sks
Class A & H, no
calcium.
Second plug, 100
sks Class A, 3%
calcium.



Shale, grey, dk grey.

Limestone, tan, cream, xln, foss, chalky in part.

Shale, grey, some lt green, silty, sl limey in part.

Limestone, grey, cream, lt green, shaley in part, some foss., chalky.

Shale, grey, dk grey.

Limestone, cream, tan, xln sl foss, sub chalky, sl shaley.

Shale, grey, dk grey.

Limestone, cream to tan, xln, dense, sl foss in part, sub chalky

Limestone, a/a traces of chert

Limestone, tan-white, xln, dense, cherty in part, traces of foss, slightly chalky.

Shale, grey-black, sl carb.

Limestone, cream, tan-white, fxln, oolitic, trace ool porosity, some pin point porosity, slightly chalky, no odor, very faint scattered fluor, sl to faint show of gas.

Shale, grey-black, sl carb.

Limestone, cream, tan, fxln, dense, sl foss, trace of chert, chalky in part.

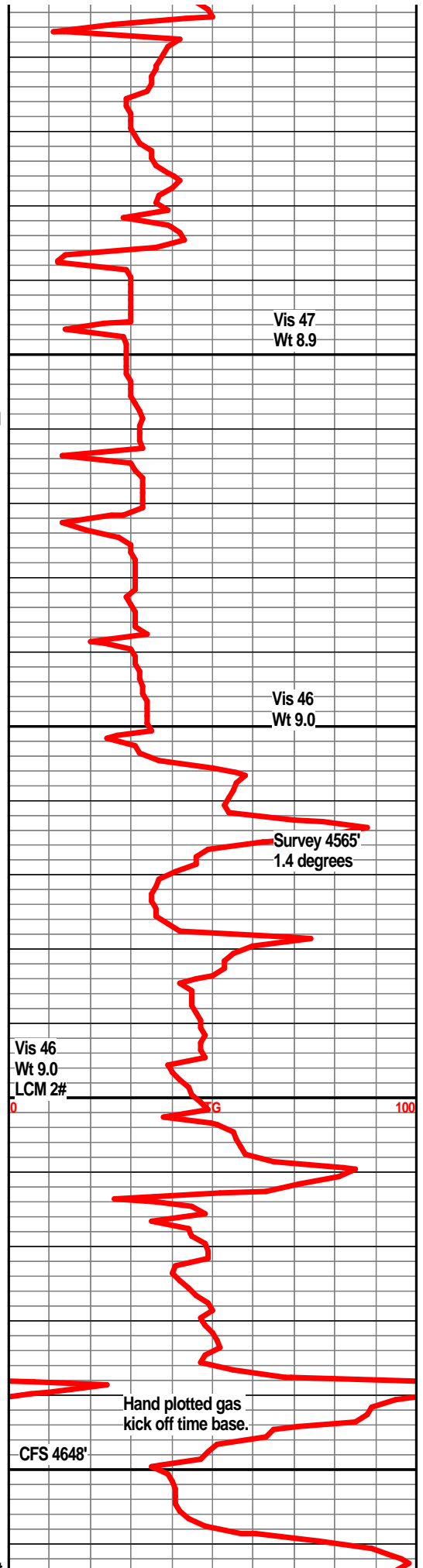
Shale, Grey-black, carb.

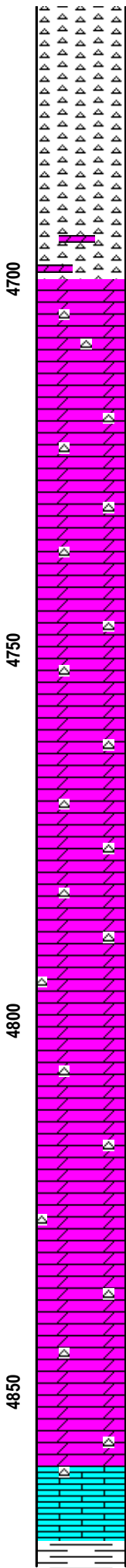
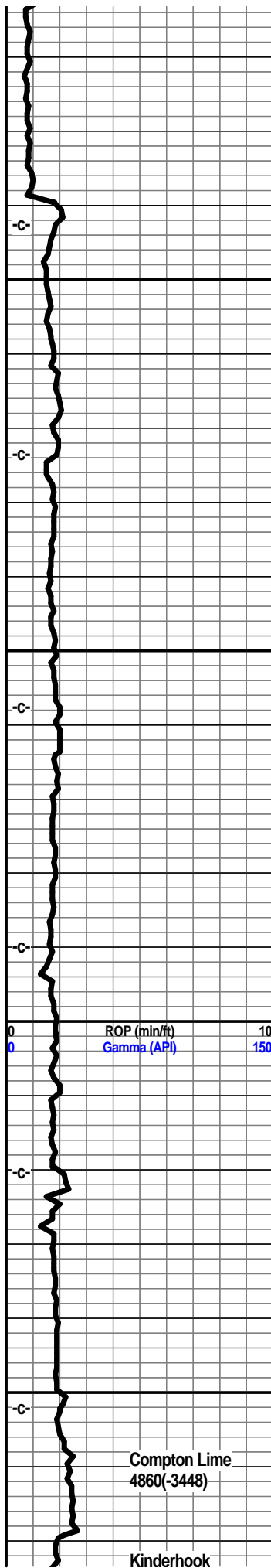
Limestone, cream to grey-white, xln, some dk grey cherts, trace of foss porosity, chalky in part.

Shale, grey, some green-grey.

SS, clear to grey, very fine grained, fair cementation, trace friable clusters, slight show of oil, very faint odor, slight show gas bubbles.

Chert, white to bone white, sharp, slight weathered in part, staining along edges, fractured, traces of pin point porosity, few scattered vugs, show of free oil in tray, very faint





Scattered vugs, show of free oil in tray, very faint odor, spotty fluor.

Chert, bone white to off-white, sharp, weathered, lt brown staining along edges, lt brown staining scattered on weathered pieces, slight show of free oil in tray, faint odor, dull fluor, some scattered pin point porosity.

Chert, bone-white, off-white, some tan, sharp to weathered, light brown staining, traces of pin point porosity, fractured, slight show of free oil in tray, dull scattered fluor.

Dolomite, light grey, some tan, xln, fine texture, abundant cherts, very light show of oil on cherts, some grey blk shales.

Dolomite, tan-white, grey, fxln, cherty, sharp, some weathered, slight staining on edges, grey blk shales present.

Dolomite, tan, grey-white, xln, fine textured, cherty, grey to dk grey blk shales.

Dolomite, grey-white, cream-tan, xln, fine grained, some fresh bone-white cherts, blk dk grey shales.

Dolomite, grey, cream-white, fxln, silty in part, cherty, blk grey shales.

Dolomite, grey-white, fxln, dense, cherty, shaley.

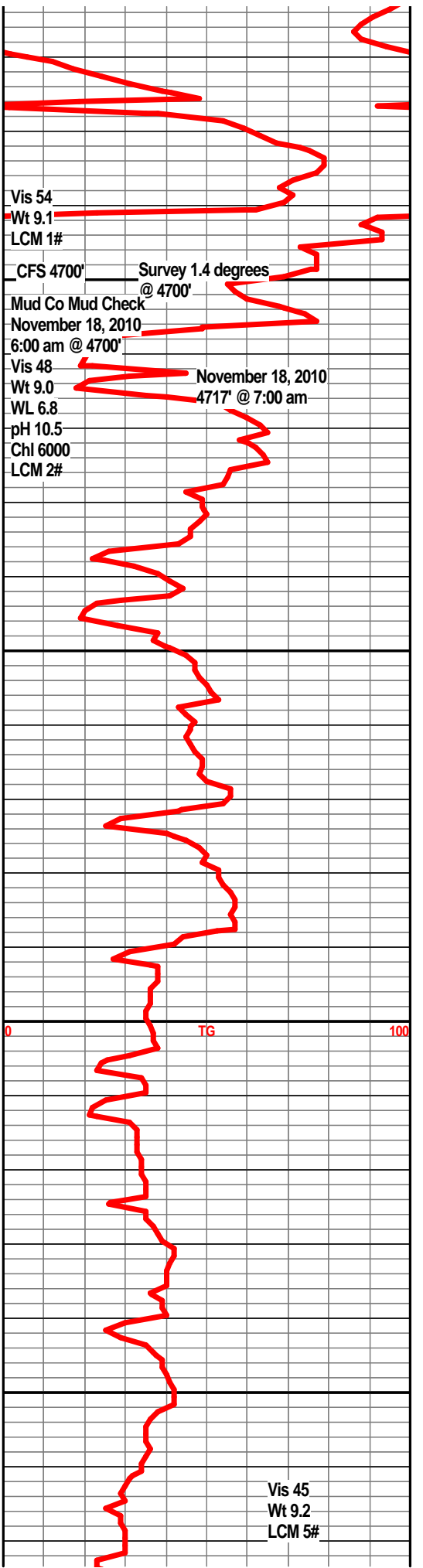
Dolomite, grey-white, tan, fxln, dense, cherty, blk grey shales.

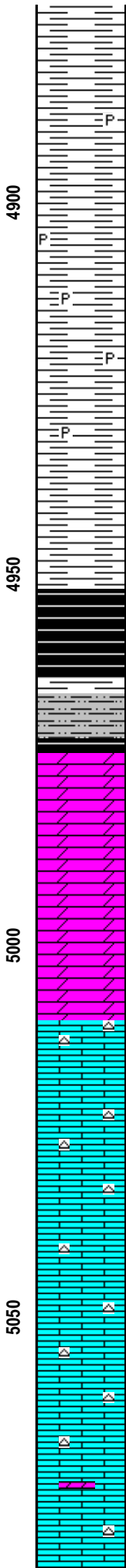
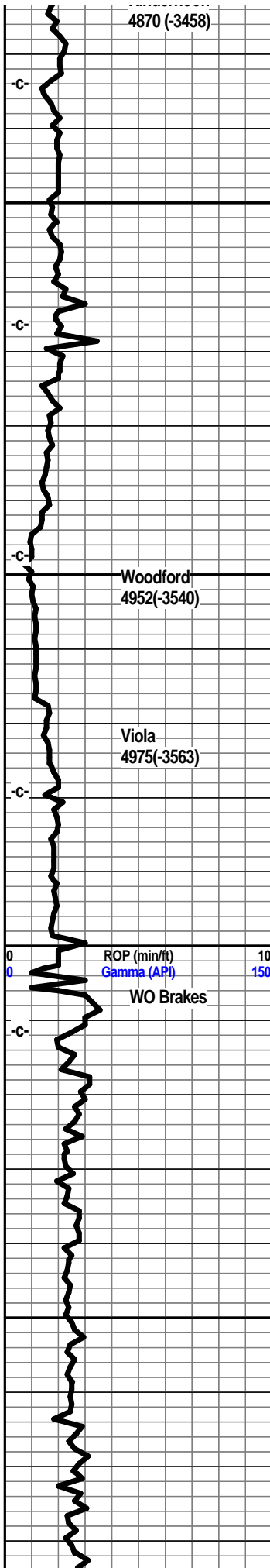
Dolomite, light grey, some tan, xln, fine grained, slightly cherty in part, grey blk shales.

Dolomite, light grey, xln, fine grained, gil. flakes, cherty, some lt green shales w/ pyrite.

Dolomite, light grey, xln, fine grained, cherty in part, blk shales.

Limestone, cream, tan-white, fxln, slightly foss in part.





Shale, dk grey, traces of pyrite.

Shale, dk grey, blk, pyritic.

Shale, dk grey, blk, traces of pyrite.

Shale, dk grey, silty, blk, pyritic.

Shale, dk grey, grey-brown, silty.

Shale, grey-black, carb, trace of gas.

Shale, grey-coffee brown, silty.

Sst, trace of clear to grey sst clusters, well cemented, poorly sorted, trace of gil flakes, no visible shows, no odor, no fluor.

Dolomite, off-white, grey-white, xln, soft, chalky in part.

Dolomite, grey-white, xln, fine grained, soft.

Dolomite, grey-white, fxln, fine grained, soft, chalky in part.

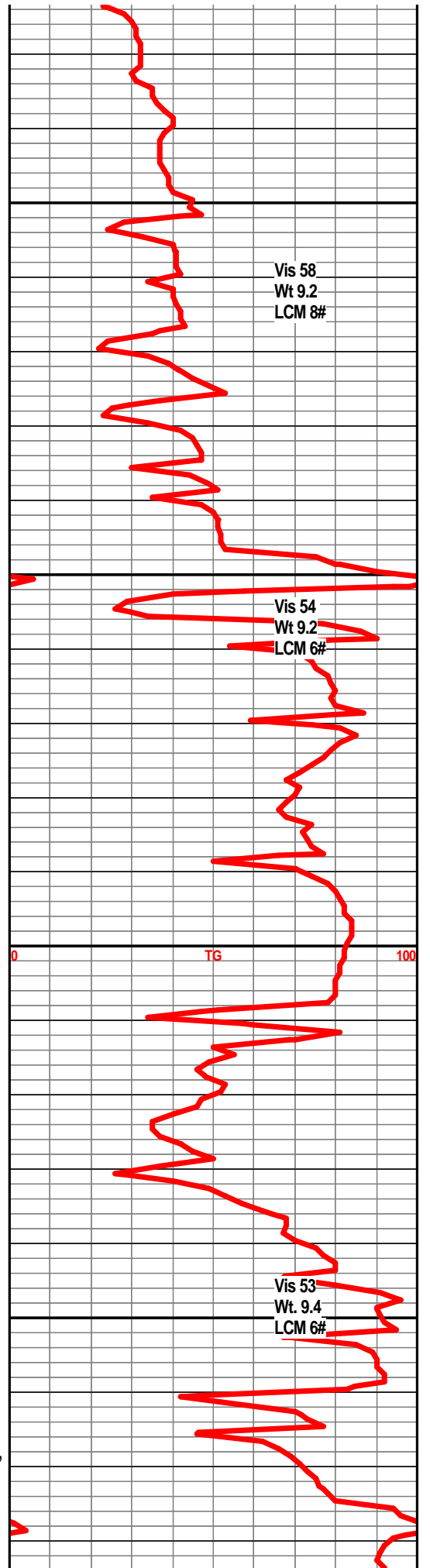
Limestone, tan-white, xln, dense, slightly foss. tan cherts, chalky in part.

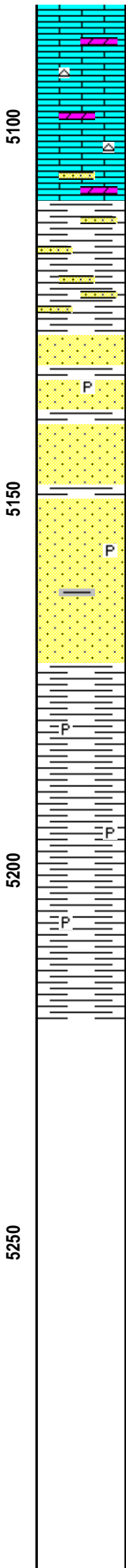
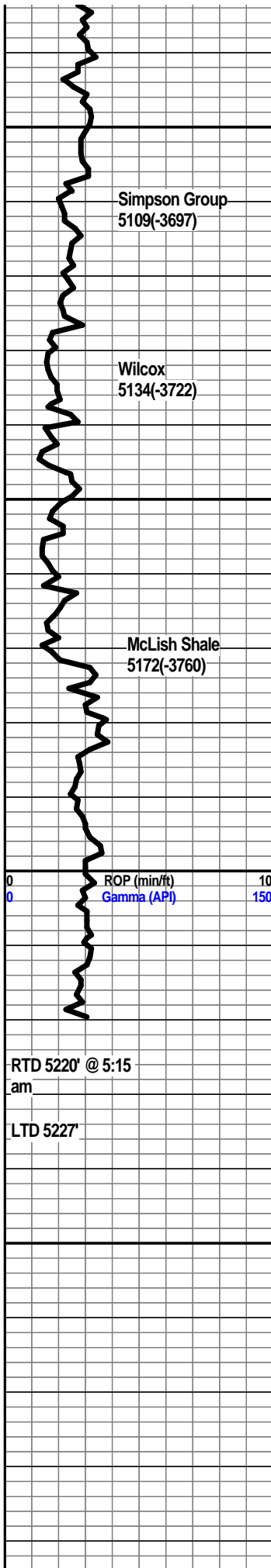
Limestone, tan to cream-white, fxln, dense, traces of white to tan-white cherts, chalky in part.

Limestone, tan, xln, xln texture, cherty, some chalk.

Limestone, cream to tan-white, xln, succ texture, sl. dolo., tan cherts, sharp.

Limestone, tan-white, fxln, dolomitic, xln, tan





cherts.

Limestone, tan-white, tan, xln, solomitic in part, granular texture, tan cherts.

Shale, dk green to pale green, trace sst stringers.

Shale, dk green, grey, firm, sst, stringers.

Sst, grey to white-clear grains, fairly well cemented, some friable, poorly sorted, some shale stringers.

Sst, clear to grey-white, sa to sr grains, poorly sorted, friable, some well cemented, trace gil, some pyrite, shale stringers, no odor, no fluor, no visible shows.

Sst, clear to white, sr to sa grains poor sorting, friable, loose grains in sample tray, no visible shows, no odor.

Shale, dk grey green, firm, traces of pyrite.

Shale, grey-green, dk, firm, traces of pyrite, few sst stringers.

Shale, grey to dk grey-green, firm, blk.

