



WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

Purchaser: _____

Designate Type of Completion:

- New Well Re-Entry Workover
- Oil WSW SWD SIOW
- Gas D&A ENHR SIGW
- OG GSW Temp. Abd.
- CM (Coal Bed Methane)
- Cathodic Other (Core, Expl., etc.): _____

If Workover/Re-entry: Old Well Info as follows:

Operator: _____

Well Name: _____

Original Comp. Date: _____ Original Total Depth: _____

- Deepening Re-perf. Conv. to ENHR Conv. to SWD
- Conv. to GSW
- Plug Back: _____ Plug Back Total Depth _____
- Commingled Permit #: _____
- Dual Completion Permit #: _____
- SWD Permit #: _____
- ENHR Permit #: _____
- GSW Permit #: _____

Spud Date or Recompletion Date Date Reached TD Completion Date or Recompletion Date

API No. 15 - _____

Spot Description: _____

_____ - _____ - _____ Sec. _____ Twp. _____ S. R. _____ East West

_____ Feet from North / South Line of Section

_____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Depth: _____ Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: _____ Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: _____ Feet

If Alternate II completion, cement circulated from: _____

feet depth to: _____ w/ _____ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: _____ ppm Fluid volume: _____ bbls

Dewatering method used: _____

Location of fluid disposal if hauled offsite: _____

Operator Name: _____

Lease Name: _____ License #: _____

Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West

County: _____ Permit #: _____

AFFIDAVIT

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Submitted Electronically

KCC Office Use ONLY

- Letter of Confidentiality Received
Date: _____
- Confidential Release Date: _____
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT I II III Approved by: _____ Date: _____



Operator Name: _____ Lease Name: _____ Well #: _____

Sec. _____ Twp. _____ S. R. _____ East West County: _____

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed. Attach complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Submitted Electronically <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run:	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
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CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
_____ Perforate _____ Protect Casing _____ Plug Back TD _____ Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth

TUBING RECORD: Size: _____ Set At: _____ Packer At: _____ Liner Run: Yes No

Date of First, Resumed Production, SWD or ENHR. _____ Producing Method: Flowing Pumping Gas Lift Other *(Explain)* _____

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
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DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____ <i>(Submit ACO-4)</i>	PRODUCTION INTERVAL: _____ _____
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Conservation Division
Finney State Office Building
130 S. Market, Rm. 2078
Wichita, KS 67202-3802



Phone: 316-337-6200
Fax: 316-337-6211
<http://kcc.ks.gov/>

Mark Sievers, Chairman
Ward Loyd, Commissioner
Thomas E. Wright, Commissioner

Sam Brownback, Governor

November 11, 2011

DEAN PATTISSON
Woolsey Operating Company, LLC
125 N MARKET STE 1000
WICHITA, KS 67202-1729

Re: ACO1
API 15-007-23739-00-00
KEESECKER 4
SW/4 Sec.33-34S-11W
Barber County, Kansas

Dear Production Department:

We are herewith requesting that the Well Completion Form ACO-1 and attached information for the subject well be held confidential for a period of two years.

Should you have any questions or need additional information regarding subject well, please contact our office.

Respectfully,
DEAN PATTISSON

ALLIED CEMENTING CO., LLC. 040748

Federal Tax I.D.# 20-5975804

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:
Marlodge

DATE <u>7-18-11</u>	SEC.	TWP.	RANGE	CALLED OUT	ON LOCATION	JOB START <u>8:00am</u>	JOB FINISH <u>8:30pm</u>	
LEASE <u>Paxton</u>	WELL # <u>1</u>		LOCATION <u>Rothlesville rd +281</u>	COUNTY <u>Barber</u>	STATE <u>KS</u>			
OLD OR <u>NEW</u> (Circle one)			<u>Eto Northstar, 1 South, 1/4 E, Winto</u>					

CONTRACTOR H-2 RD #3
 TYPE OF JOB Surface
 HOLE SIZE 14 3/4 T.D. 225'
 CASING SIZE 10 3/4 DEPTH 211'
 TUBING SIZE DEPTH
 DRILL PIPE DEPTH
 TOOL DEPTH
 PRES. MAX 300psi MINIMUM
 MEAS. LINE SHOE JOINT
 CEMENT LEFT IN CSG.
 PERFS.
 DISPLACEMENT 20 bbls H2O

OWNER Woodsey operating
 CEMENT
 AMOUNT ORDERED 240 sq A + 3% salt + 2% gel

EQUIPMENT
 PUMP TRUCK # 365/265 CEMENTER Mark Threese
 HELPER Jason Threese
 BULK TRUCK # 421/252 DRIVER Roston Elom
 BULK TRUCK # DRIVER

COMMON	<u>240</u>	@	<u>16.25</u>	<u>3900.</u>
POZMIX		@		
GEL	<u>5</u>	@	<u>21.25</u>	<u>106.25</u>
CHLORIDE	<u>9</u>	@	<u>58.20</u>	<u>523.80</u>
ASC		@		
HANDLING	<u>254</u>	@	<u>2.25</u>	<u>571.50</u>
MILEAGE	<u>254/15/11</u>	@		<u>419.10</u>
TOTAL				<u>5520.65</u>

WELL FILE

REMARKS:
Bulk mix with truck pump 6 bbls H2O
MTR 240sq cement disp 20 bbls H2O
shut in cement and circulate

SERVICE

DEPTH OF JOB	<u>211'</u>		
PUMP TRUCK CHARGE			<u>1125.00</u>
EXTRA FOOTAGE		@	
MILEAGE	<u>30</u>	@	<u>7.00</u> <u>210.</u>
MANIFOLD		@	
<u>light truck</u>	<u>30</u>	@	<u>4.00</u> <u>120.</u>
TOTAL <u>1455.-</u>			

CHARGE TO: Woodsey operating
 STREET _____
 CITY _____ STATE _____ ZIP _____

PLUG & FLOAT EQUIPMENT

	@		
	@		
	@		
	@		
	@		
TOTAL _____			

To Allied Cementing Co., LLC.
 You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

SALES TAX (If Any) _____
 TOTAL CHARGES 6975.65
 DISCOUNT 20% IF PAID IN 30 DAYS
Net 5580.52

PRINTED NAME MIKE THARP
 SIGNATURE Mike Tharp

ALLIED CEMENTING CO., LLC. 042122

Federal Tax I.D.# 20-5975804

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:
Medicine Lodge KS

DATE <u>07-27-11</u>	SEC <u>33</u>	TWP. <u>34s</u>	RANGE <u>11w</u>	CALLED OUT	ON LOCATION	JOB START	JOB FINISH <u>1:15 PM</u>
LEASE <u>Keegecker Paxton</u>	WELL # <u>4</u>	LOCATION <u>281 & Rattle Snake trail, 2E, 1S,</u>			COUNTY <u>Barber</u>	STATE <u>KS</u>	
OLD OR NEW (Circle one) <u>NEW</u>		<u>1/4 c, n/w/a</u>					

CONTRACTOR H-2 #3
 TYPE OF JOB Production Casing
 HOLE SIZE 7 7/8 T.D. 5372
 CASING SIZE 5 1/2 DEPTH 5264
 TUBING SIZE _____ DEPTH _____
 DRILL PIPE _____ DEPTH _____
 TOOL _____ DEPTH _____
 PRES. MAX 1700 MINIMUM _____
 MEAS. LINE _____ SHOE JOINT 42.00
 CEMENT LEFT IN CSG. 42'
 PERFS. _____
 DISPLACEMENT 124 Bbls 2% KCL Water

OWNER Woolsey Oper.

CEMENT
 AMOUNT ORDERED 75sx 60:40:4% gel + 175sx class H + 10% gypsum + 10% salt + 5# Kalsol + 8% FL-160 + 1/4" Fl Seal & 14 gals Clay no

COMMON <u>Class A 45</u>	@	<u>16.25</u>	<u>731.25</u>
POZMIX <u>30</u>	@	<u>8.50</u>	<u>255.00</u>
GEL <u>3</u>	@	<u>21.25</u>	<u>63.75</u>
CHLORIDE _____	@		
ASC _____	@		
<u>Class H 175</u>	@	<u>19.25</u>	<u>3368.75</u>
<u>gypsal 17</u>	@	<u>34.20</u>	<u>581.40</u>
<u>Salt 21</u>	@	<u>23.95</u>	<u>502.95</u>
<u>Kalsol 1050#</u>	@	<u>.89</u>	<u>934.50</u>
<u>FL100 131#</u>	@	<u>17.20</u>	<u>2253.20</u>
<u>Fiscal 44#</u>	@	<u>2.70</u>	<u>118.80</u>
<u>Clay no 14 gal</u>	@	<u>31.25</u>	<u>437.50</u>

EQUIPMENT

PUMP TRUCK, CEMENTER D. Felix
 # 360-265/-302 HELPERS S. Thinesch / R. Gilley
 BULK TRUCK
 # 356-250 DRIVER E. Piper
 BULK TRUCK
 # _____ DRIVER _____

WELL FILE
 Regulatory Correspondence
 Drig (Comp) Workovers
 Meters Operations

REMARKS: Pipe on Bttm, Breakline, Plug Rathole w/ 20x 60:40 cement, Pump 55 sx Scavenger Cement, Mix 175sx tail cement, Stop Pump, wash Pump & lines, Release Plug, Start Disp. w/ 2% KCL Water, See Slightly increase in PSI, Slow Rate, Bump Plug at 124 Bbls total 2% KCL Displacement at 1700* PSI, Release PSI, Float Did Hold

HANDLING <u>315</u>	@	<u>2.25</u>	<u>708.75</u>
MILEAGE <u>315/15/1.11</u>			<u>519.75</u>
TOTAL			<u>10455.60</u>

SERVICE

DEPTH OF JOB <u>5264'</u>			
PUMP TRUCK CHARGE _____			<u>2695.-</u>
EXTRA FOOTAGE _____	@		
MILEAGE <u>30</u>	@	<u>7.</u>	<u>210.</u>
MANIFOLD <u>headrental</u>	@	<u>200.</u>	<u>200.</u>
<u>Light Vehicle 30</u>	@	<u>4.</u>	<u>120.</u>
TOTAL			<u>3225.-</u>

CHARGE TO: Woolsey Oper.
 STREET _____
 CITY _____ STATE _____ ZIP _____

PLUG & FLOAT EQUIPMENT

<u>1-AFV Float Shoe</u>	@	<u>349.</u>	<u>349.</u>
<u>1-Catch down Plug Assy.</u>	@	<u>277.</u>	<u>277.</u>
<u>12-turbolizers</u>	@	<u>80.</u>	<u>960</u>
<u>20-Recip. Scrubbers</u>	@	<u>76.</u>	<u>1520.</u>
TOTAL			<u>3106.</u>

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PRINTED NAME M THARP
 SIGNATURE Mub [Signature]

SALES TAX (If Any) _____
 TOTAL CHARGES 10786.60
 DISCOUNT 20% IF PAID IN 30 DAYS
Net 13429.28



Woolsey Operating Company, LLC

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

Measured Depth Log

Well Name: Paxton #1
Location: NE SW SW SW
License Number: API: 15-007-23739-00-00
Spud Date: July 18, 2011
Surface Coordinates: 340' FSL & 500 FWL Section 33-Twp 34 South - Rge 11 West
Bottom Hole Coordinates: Vertical Hole
Ground Elevation (ft): 1388
Logged Interval (ft): 3000 To: RTD
Formation: McLish Shale
Type of Drilling Fluid: Chemical Mud, Displace at 3393'.
Region: Barber County, Kansas
Drilling Completed: July 26, 2011
K.B. Elevation (ft): 1397
Total Depth (ft): 5372
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
LECOMPTON	3504(-2107)	3498(-2101)
KANWAKA	3524(-2127)	3520(-2123)
HEEBNER	3757(-2360)	3754(-2357)
QUINDARO SHALE	4316(-2919)	4310(-2913)
HUSHPUCKNEY SHALE	4510(-3113)	4505(-3108)
B/KC	4559(-3162)	4554(-3157)
PAWNEE	4663(-3266)	4656(-3259)
CHEROKEE GROUP	4711(-3314)	4703(-3306)
MISSISSIPPIAN	4770(-3373)	4762(-3365)
KINDERHOOK SHALE	5043(-3646)	5036(-3639)
WOODFORD SHALE	5085(-3688)	5080(-3683)
VIOLA	5110(-3713)	5107(-3710)
SIMPSON GROUP	5260(-3863)	5254(-3857)
SIMPSON SAND	5286(-3889)	5281(-3884)
MCLISH SHALE	5335(-3939)	5327(-3931)
RTD	5372(-3975)	
LTD		5366(-3969)

NOTE - All log tops approximately 6' higher than sample tops.

COMMENTS

Surface Casing: Set 5 joints 10 3/4" at 223' with 240 sxs Class A, 2% gel, 3% cc, plug down at 8:15 pm on July 18, 2011. Cement did Circulate.

Production Casing: Ran 5 1/2" Casing.

Deviation Surveys: 3/4 - 225', 3/4 - 1261', 1/2 - 1733', 3/4 - 2080', 1/4 - 2423', 3/4 2736', 1/4 - 3016', 1/4 - 3267', 3/4 - 3582', 3/4 - 3802', 1/4 - 3897', 3/4 - 3991', 3/4 - 4086', 1-4180', 3/4 - 4275', 3/4 - 4744', 1 -5372'.

Contractor Bit Record:

1- 14 3/4" out at 225'.

2- 7 7/8" out at 5372'.

Gas Detector: Woolsey Operating Company, Trailer #1

Mud System: Mud Co, Brad Bortz, Engineer

DSTs: None

Logged by Superior Well Services, Inc.

LTD - 5366'.

DSTs

No DST's taken on this well.

CREWS

H2 Drilling Rig #3

Tool Pusher - Randy Smith

Drillers - Gary Axtell - Days

Luis Marquez - Evening

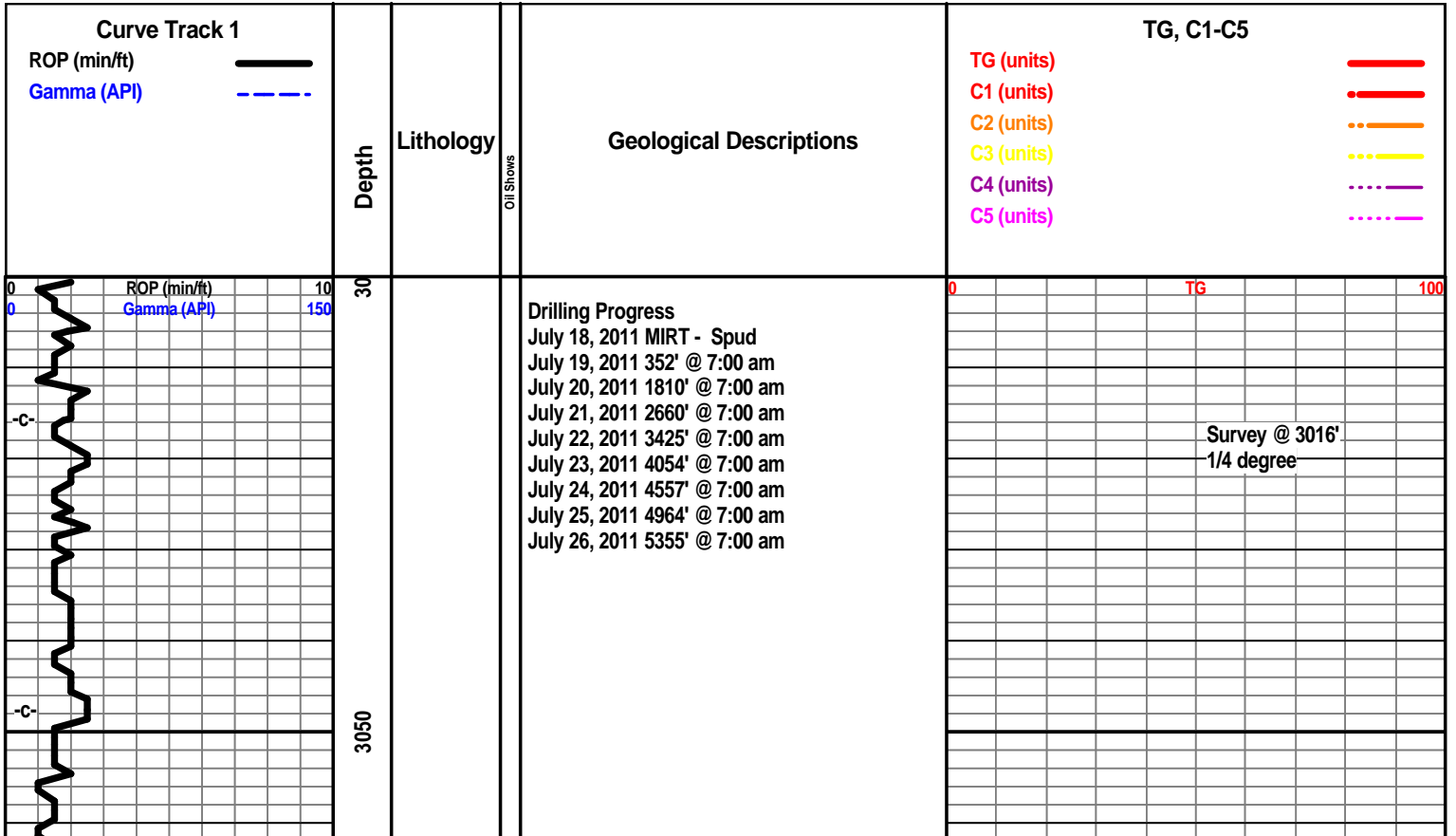
Cesor Regaldo - Morning

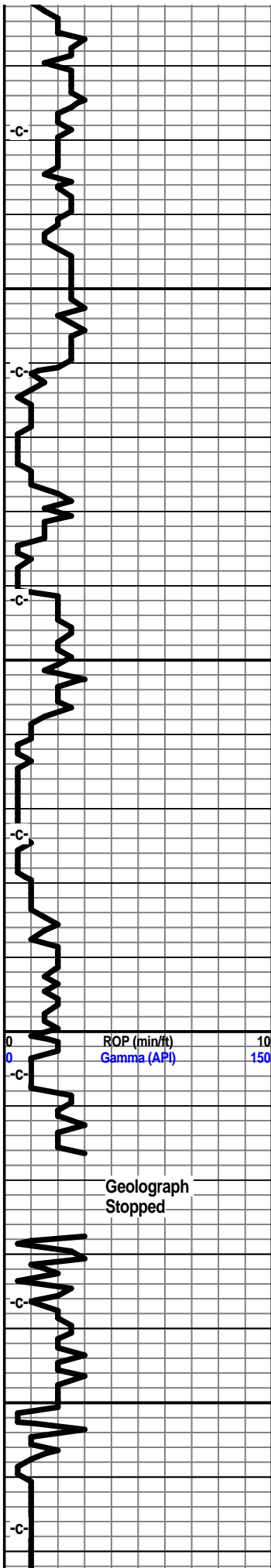
ROCK TYPES

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

ACCESSORIES

MINERAL		Chlorite		Pelec		Grysh	
	Anhy		Dol		Gryslt		
	Arg		Sand		Lms		
	Bent		Silty		Sandylms		
	Bit	FOSSIL		Plant		Sh	
	Brecfrag		Algae		Strom		Sltstn
	Calc		Amph		Fuss	TEXTURE	
	Carb		Belm		Oomoldic		Boundst
	Chtdk		Bioclst	STRINGER		Chalky	
	Chtlt		Brach		Anhy		Cryxln
	Dol		Bryozoa		Bent		Earthy
	Ferrpel		Cephal		Coal		Finexln
	Ferr		Coral		Dol		Grainst
	Glau		Crin		Gyp		Lithogr
	Gyp		Echin		Ls		Microxln
	Marl		Fish		Mrst		Mudst
	Nodule		Foram		Sltstgr		Packst
	Phos		Fossil		Ssstrg		Wackst
	Pyr		Gastro		Carbsh		
	Salt		Oolite		Clystn		
	Sandy		Ostra		Dol		
	Silt						



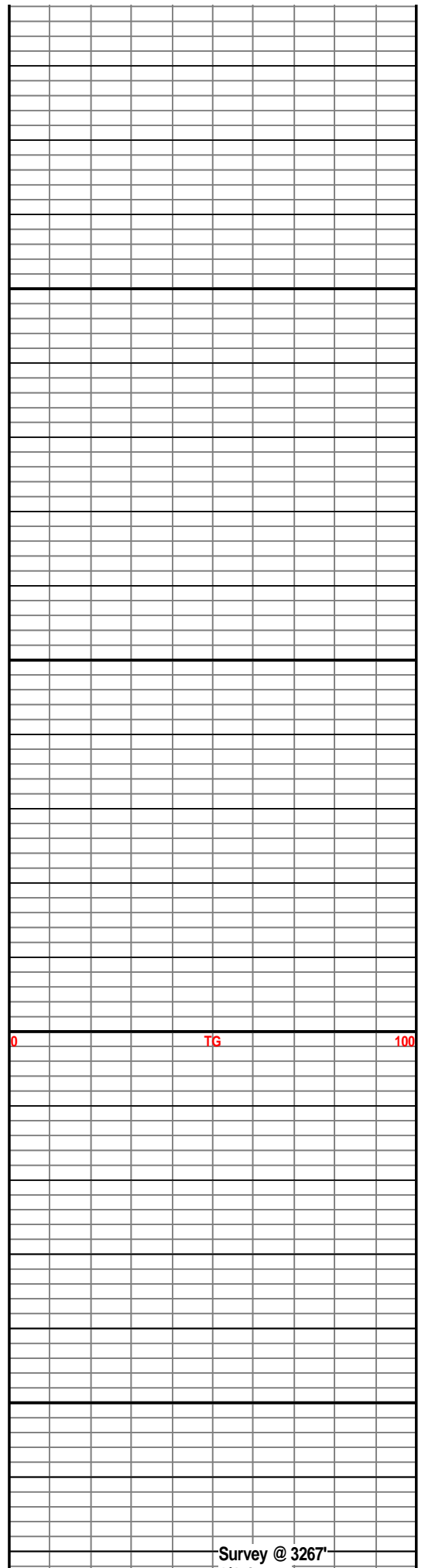


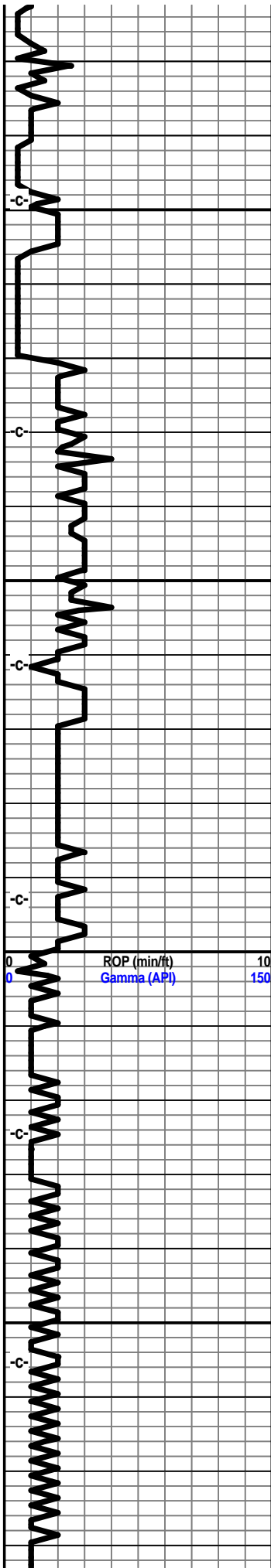
3100

3150

3200

3250



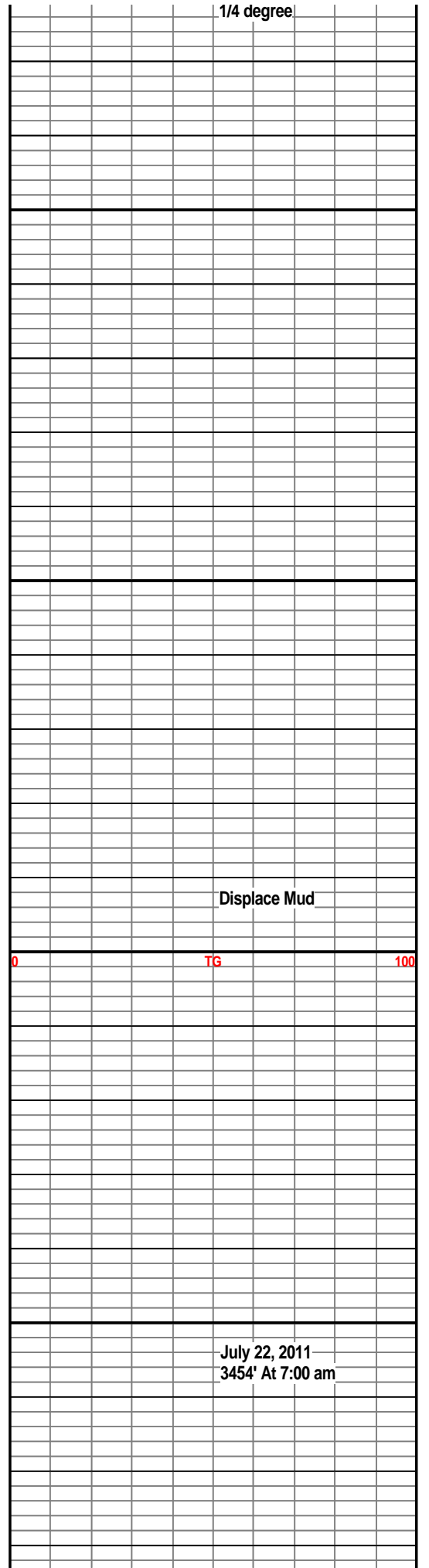


3300

3350

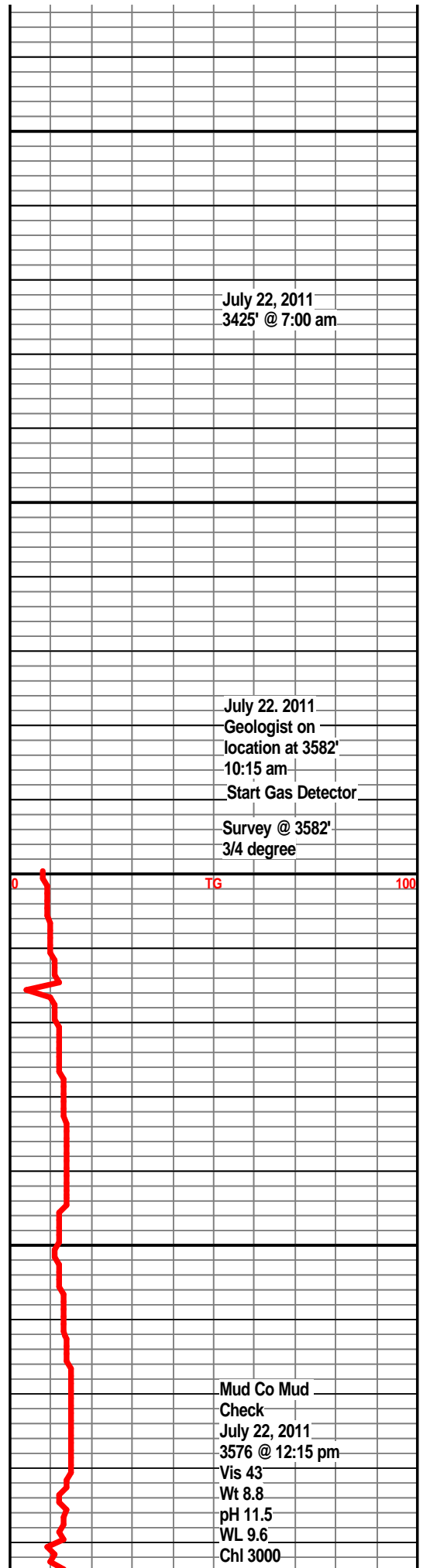
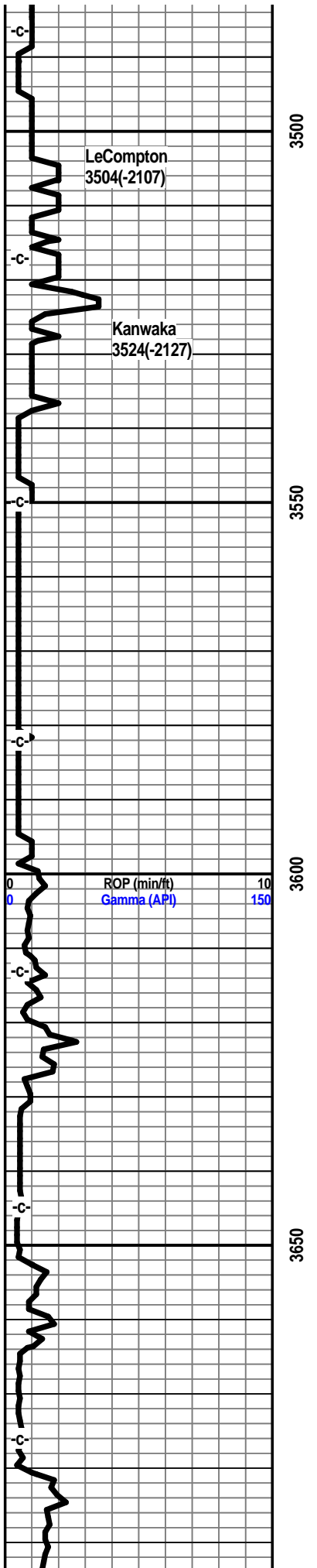
3400

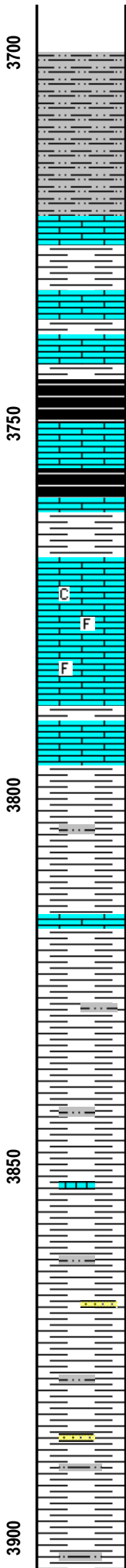
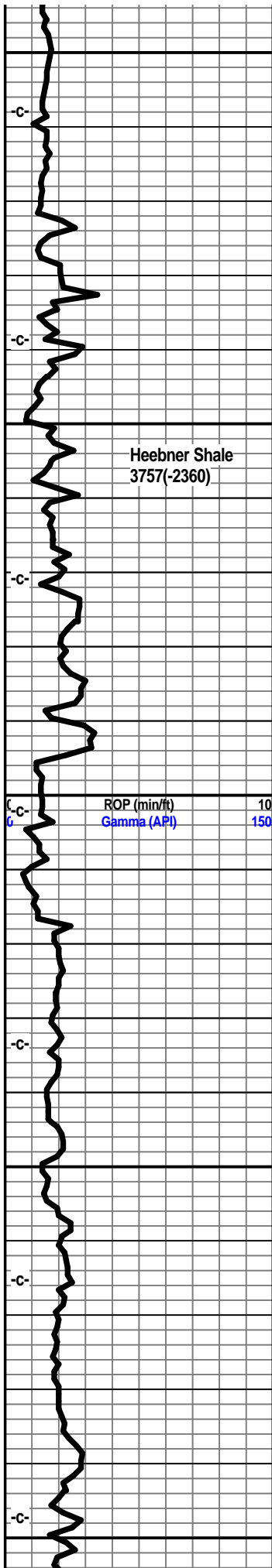
3450



Displace Mud

July 22, 2011
3454' At 7:00 am





Shale, light grey to grey, silty to slightly sandy.

Limestone, tan, tan-brown, xln ,foss in part.

Shale, grey-black, slightly carb.

Limestone, buff-tan, xln dense.

Shale, grey-black, slightly carb.

Limestone, cream-white, buff, fxln, chalky in part, trace xln porosity, slightly foss, dull min fluor.

Limestone, tan-white, xln, dense, foss in part.

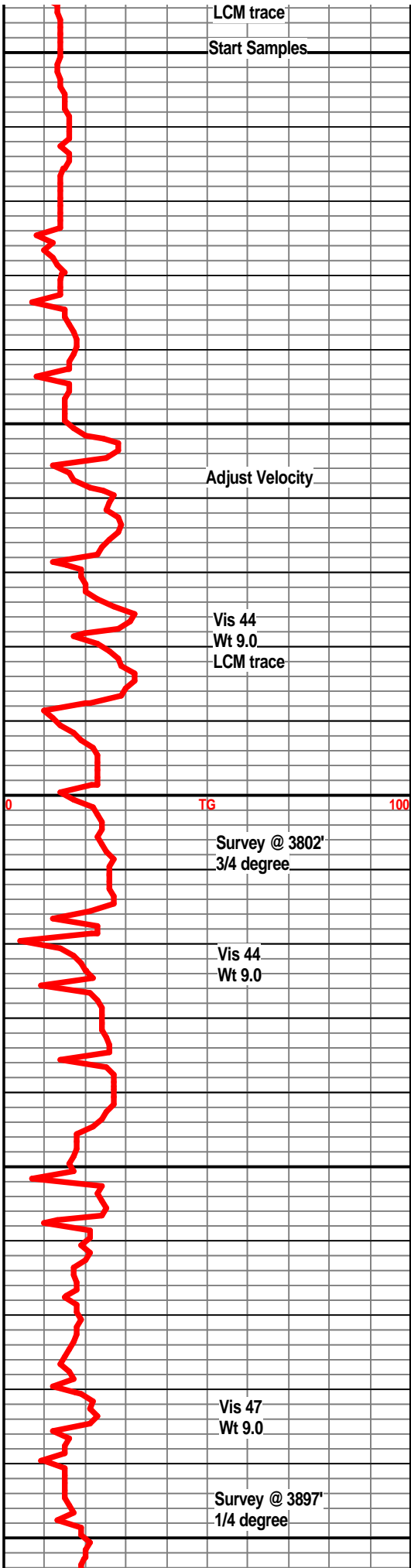
Shale, light grey to grey, silty.

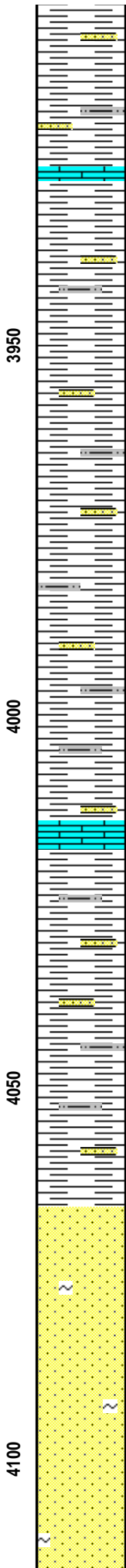
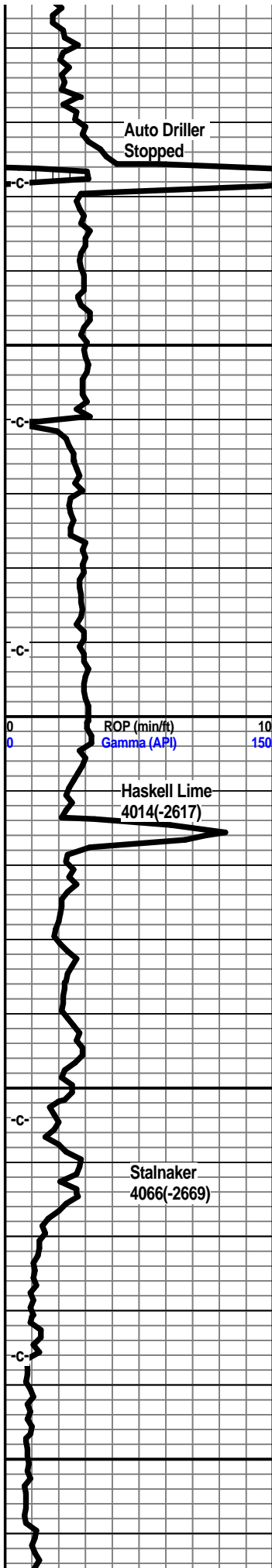
Limestone, tan-brown, mxln, dense, foss in part.

Shale, grey, light grey, silty to sandy in part.

Shale grey to light grey, silty, traces of ls frags.

Shale, grey, silty to sandy.





Shale, light grey, silty, some sand clusters.

Limestone, tan-brown, dense, foss.

Shale, grey to light grey, silty to sandy.

shale, light grey, silty to sandy.

Shale, light grey, silty, sandy in part.

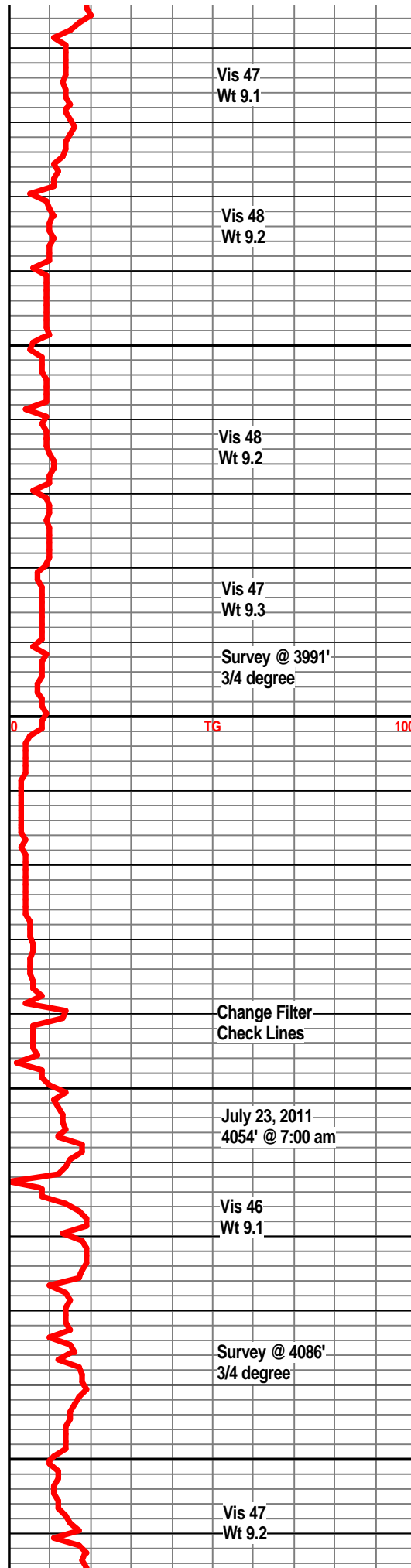
Limestone, tan, tan-brown, xln, dense, foss.

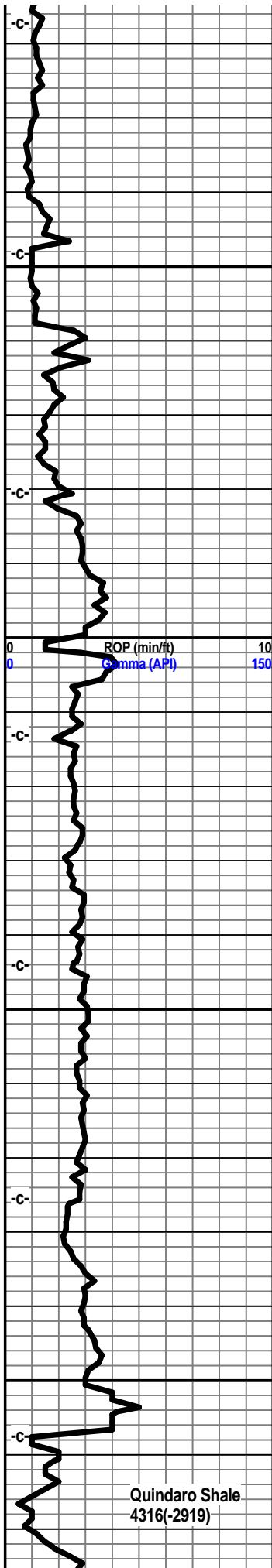
Shale, light grey, slity to sandy.

Shale, light grey to grey, silty to sandy.

Sandstone, clear to white, fine grained, SA, friable, fair sorting, mica, trace glauc, no visible shows, no fluor, no odor.

Sandstone, a/a





Sandstone, a/a

Sandstone, cear to white, fine grained, fair sorting, SA, mica, friable, silty in part, no visible shows.

Shale, light grey to grey, silty to sandy.

Shale, light grey to grey, silty to sandy, some limestone fragments.

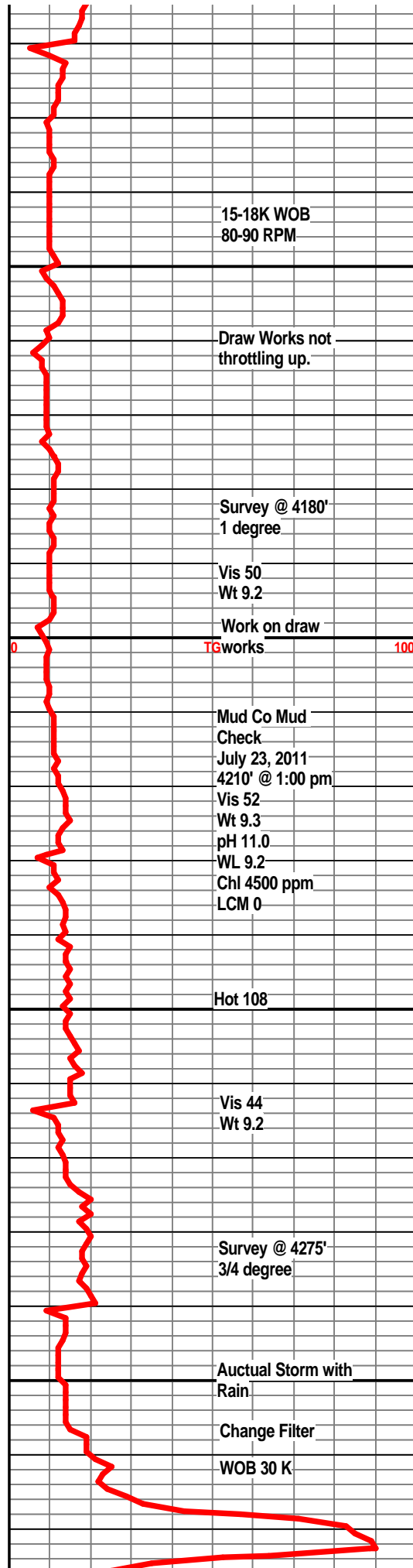
Shale, grey, silty, few sand clusters.

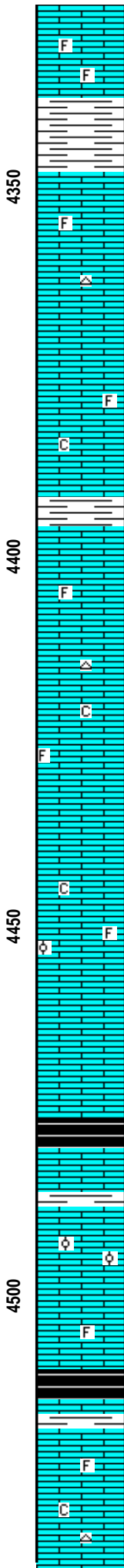
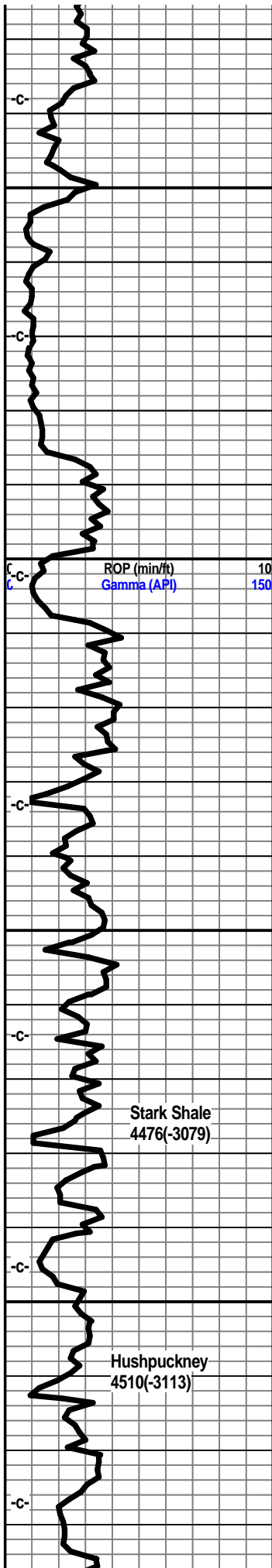
Shale, grey, silty.

Shale, grey, light grey, silty.

Shale, grey, silty.

Shale, grey-black, carb.





Limestone, tan, buff, xln, dense, foss, trace chalky.

Shale, grey.

Limestone, cream, buff-white, xln, very foss, foss frags, scatterd vugs, foss porosity, chalky in part, no visible shows.

Limestone, cream to buff, xln, foss porosity, slightly chalky, trace chert at base.

Shale, grey.

Limestone, buff, grey-white, xln, dense in part, foss frags, foss porosity, traces of chert, subchalky in part, no visible shows.

Limestone, tan-white, tan, xln, dense in part, slightly chalky, foss, trace foss porosity, traces of tan-grey chert, no visible shows.

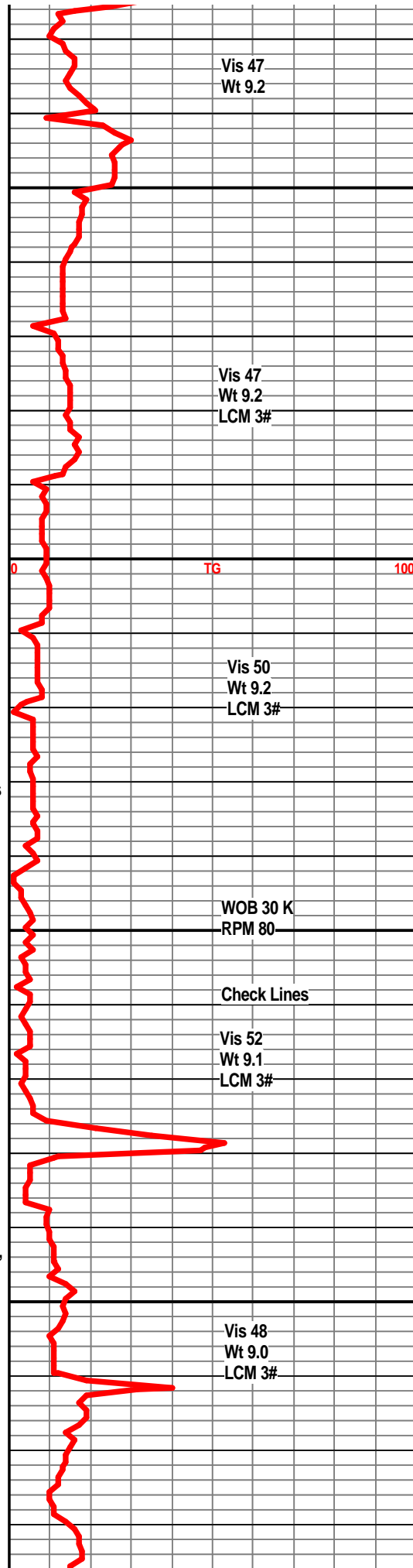
Limestone, buff, tan, xln, foss, trace oolites, subchalky, no visible shows.

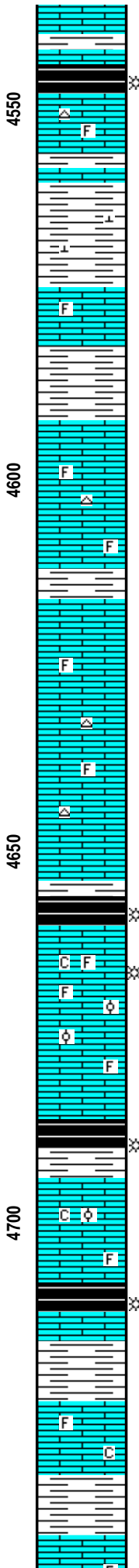
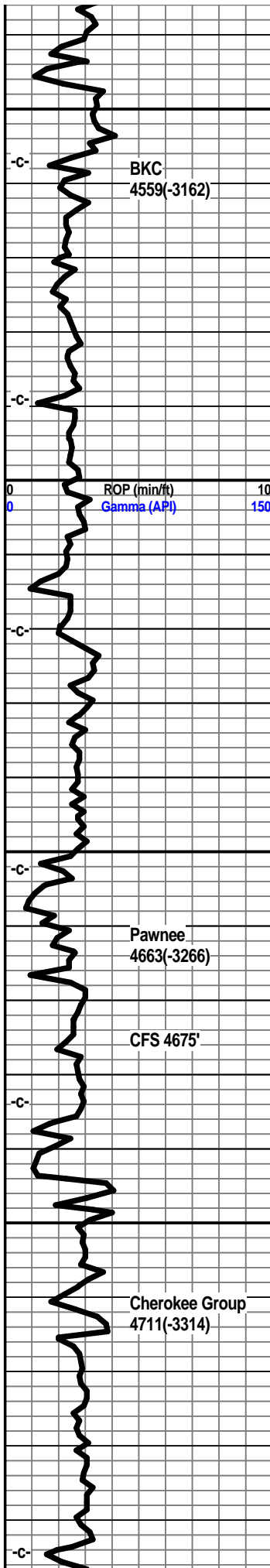
Shale, grey-black, carb.

Limestone, cream, buff-white, xln, trace oolites, some foss porosity, subchalky in part, no visible shows.

Shale, grey-black, carb.

Limestone, tan, buff, xln, dense in part, subchalky, trace of tan chert.





Shale, grey-black, carb.

Limestone, buff, xln, dense, traces of tan cherts, slightly foss.

Shale, light grey, grey-green, calcitic.

Limestone, grey-green, xln, partly dense, trace foss.

Shale, light grey-green.

Limestone, cream-white, grey-green, xln, dense, trace of chert, trace of foss.

Shale, grey, light grey.

Limestone, cream-white, tan, xln, dense, slightly foss, trace tan chert, some subchalky.

Limestone, tan-white, xln dense, tan chert, slightly foss.

Shale, grey-black, carb.

Limestone, cream, tan-white, xln, partly dense, trace oolites, subchalky in part, some xln porosity, questionable gas bubbles, dull min. fluor., no odor.

Shale, grey-black, carb.

Limestone, cream-white, tan, xln dense, foss, subchalky, trace oolites, dull fluor, no visible shows.

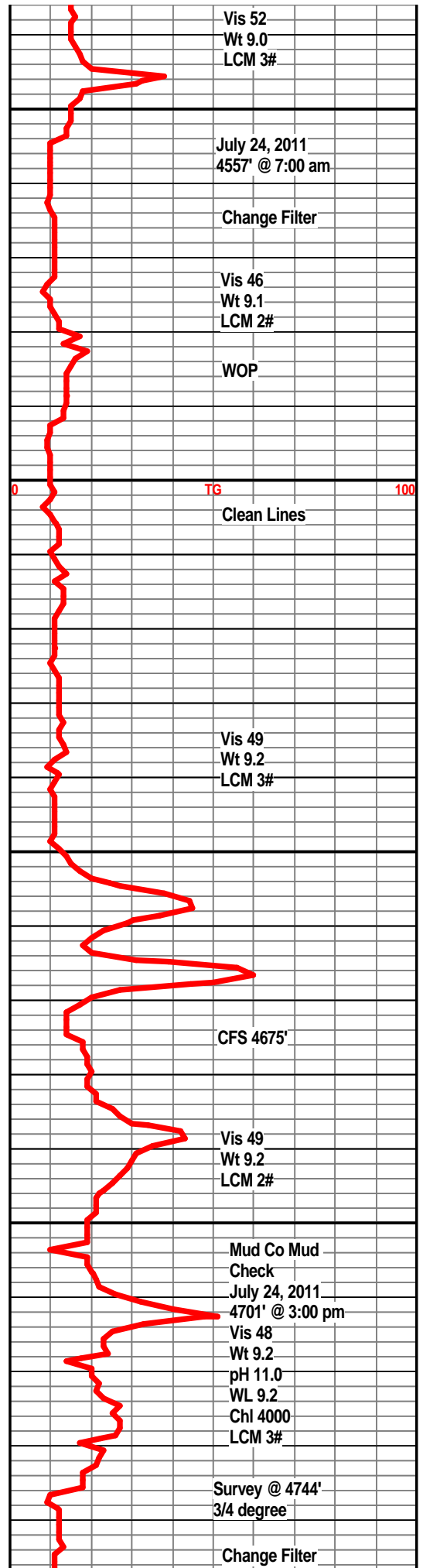
Shale, grey-black, carb,

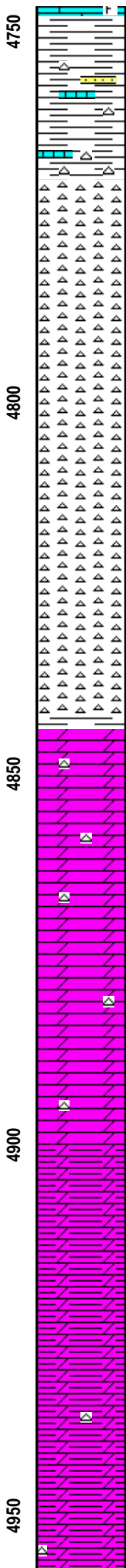
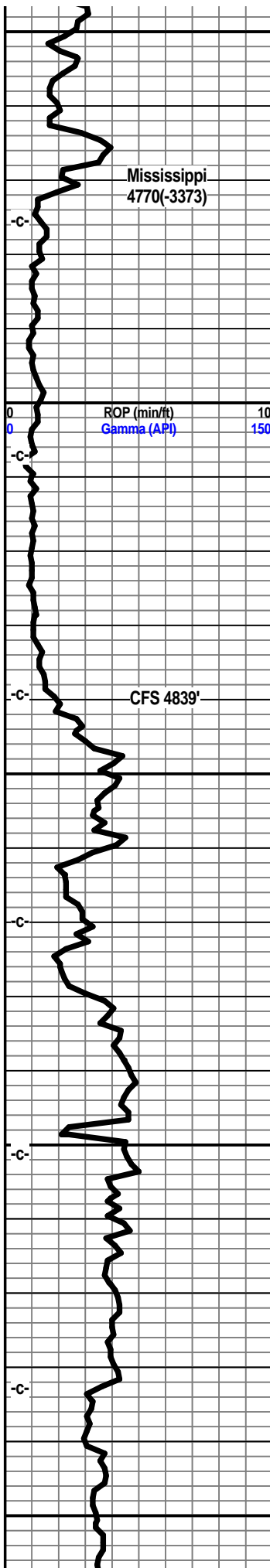
Shale, grey.

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

Shale, grey, light grey, calcitic.

Limestone. tan-brown. xln dense. foss.





Shale, grey, some vari-colored, maroon, yellow, soft, traces of sandstone clusters, trace of orange sharp chert, some ls frags.

Chert, light grey, off-white, trip in part, some fresh, opaque, trans, trace pp porosity, v slight show oil, asphaltic staining, faint odor.

Chert, tan, tan-white, weathered, pp & scattered vugs, trip in part, show free oil in tray, bleeding gas, light brown scattered staining, fair odor, some fresh, dull scattered fluor.

Chert, tan, tan-white, weathered, good odor, shows increasing with depth, moldic, pp, vug porosity, dull fluor, good light brown staining.

Chert, tan, off-white, weathered, some fresh, edge staining, good pp, vug porosity, good show free oil and bleeding gas, good odor, good staining, dull fluor.

Chert, tan-white, tan, off-white, weathered, moldic, pp, scattered vugs, some fresh with edge weathering, good brown staining, good odor, good show oil & gas, dull fluor.

Dolo, light grey, tan, xln dense, trace staining, some weathered cherts, splintery grey-green shales, slight show oil.

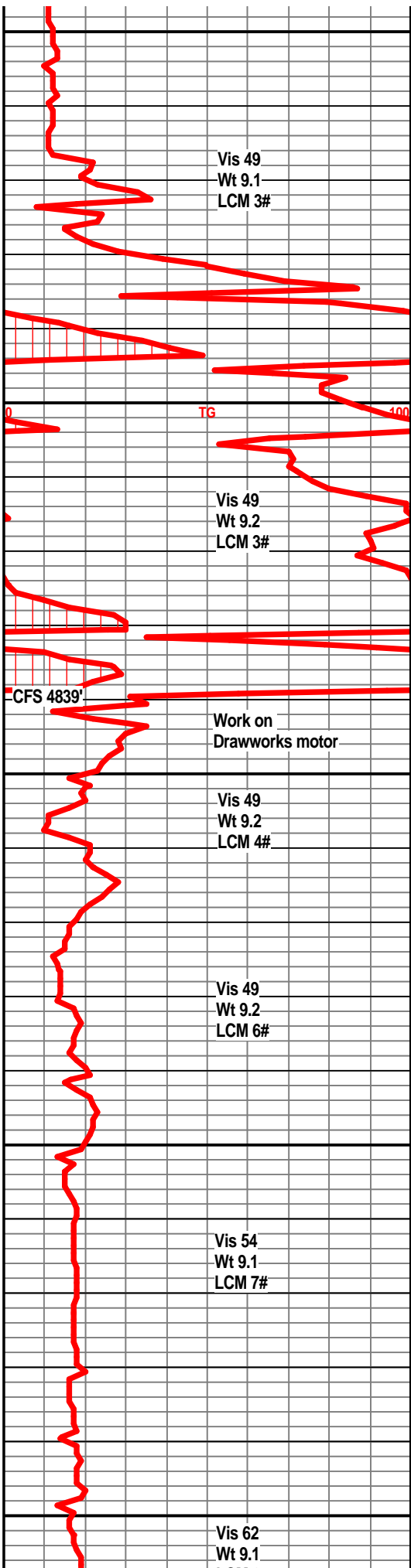
Dolo, grey, tan-white, cream, xln, dense, glauc, some very light scattered staining, weathered cherts with staining, dull fluor, splintery grey-green shales.

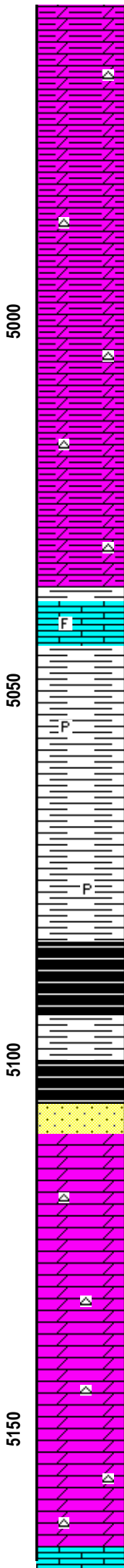
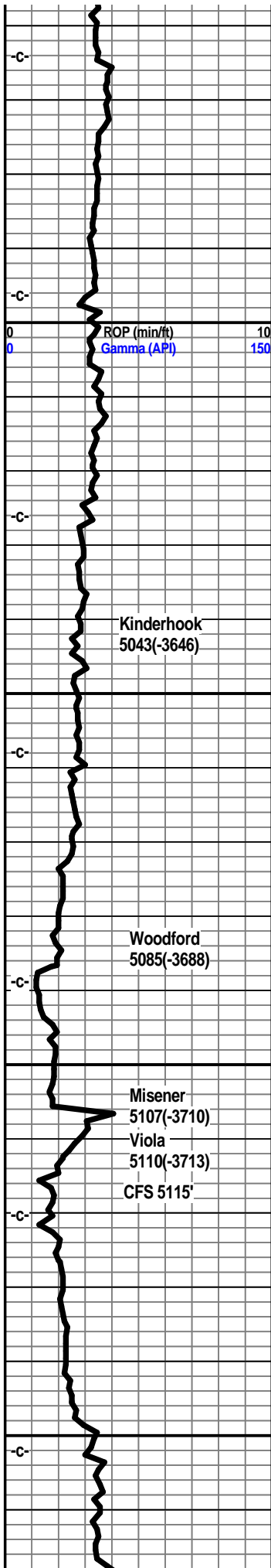
Dolo, tan, grey-white, xln, dense,, fresh cherts, trans, faint staining, grey-green splintery shales.

Dolo, light grey, xln, dense, grey-green splintery shales, traces of white, trans chert.

Dolo, light grey, grey, xln, dense, grey, grey-green shales, trans to fresh cherts.

Dolo, light grey, grey, xln, dense, grey, green splintery shales, traces of fresh off-white chert.





Dolo, light grey, grey, xln, dense, grey-green shales, cherty in part.

Dolo, grey, xln, dense, some soft, grey splintery shales, traces of off-white chert.

Dolo, grey, grey-white, xln, dense, traces of off-white chert, some grey-green, rust shales.

Dolo, grey, xln dense, grey-green, rust splintery shales.

Limestone, cream, tan-buff, xln, dense, foss in part.

Shale, grey, traces of pyrite.

Shale, dark grey, trace pyrite.

Shale, grey-black, coffee brown, some plant spores, carb., gas bubbles.

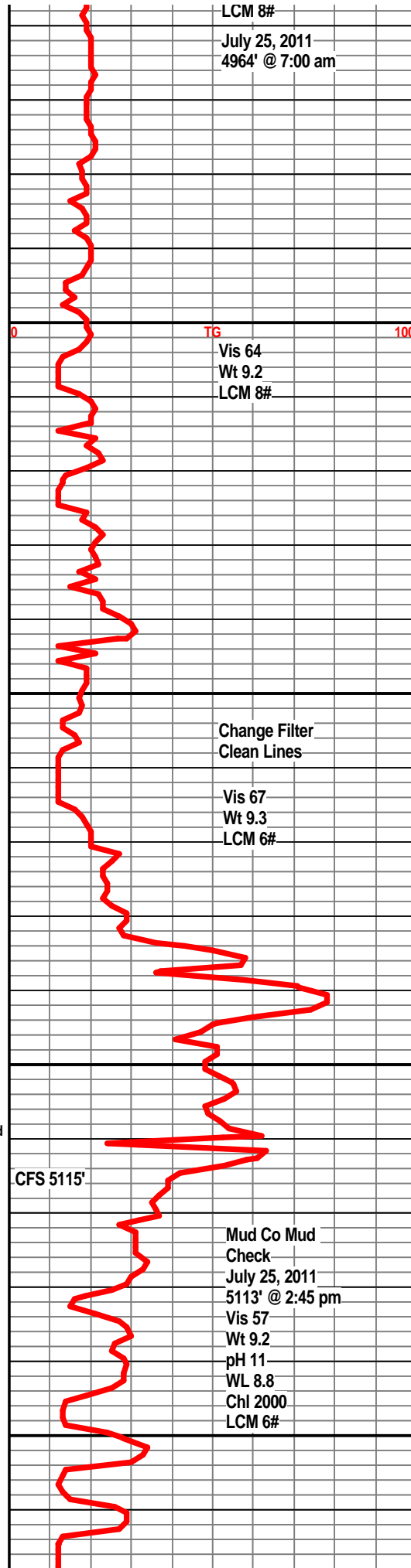
Shale, grey-black, coffe brown, spores, carb.

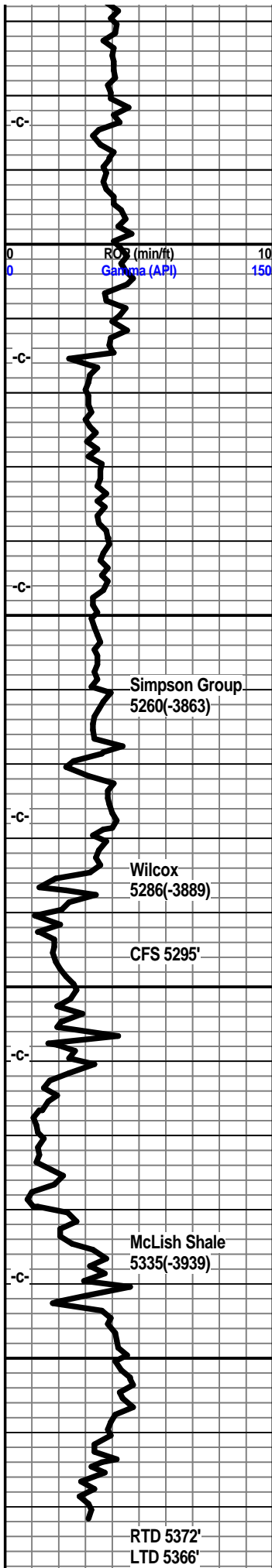
Sandstone, clear to white, SA, well cemented, shale inclusions, very faint show oil, no odor, very tite, scattered fluor.(One piece fairly friable with show.)

Dolo, light grey, grey, xln, soft in part, trace chert, dull fluor in part, some granular texture in part, no visible shows.

Dolo, light grey, xln, soft, trace off-white chert, no odor, no visible shows.

Dolo, light grey, grey, xln, traces of off-white chert.





Limestone, tan-white, cream-white, fxln, trace of xln porosity, trace of foss, subchalky in part, dull fluor, no visible shows.

Limestone, tan-white, xln, dense, traces of tan sharp chert.

Limestone, tan-white, fxln, dense, sharp tan cherts, some chalky white limestone, no visible shows.

Limestone, tan-white, buff, dense, subchalky, slightly dolo in part, sharp cherts.

Limestone, tan-white, tan, xln, dense, tan sharp cherts, slightly dolo in part.

Shale, dark grey-green, firm, sand grains imbedded, trace pyrite.

Sandstone, dolomitic, grey-white, sa qtz grains, well cemented, trace pyrite, glauc, shale inclusions.

Shale, dark grey-green, sandy in part.

Sandstone, clear to grey-white frosted, SA to SR, friable in part, fair sorting, some well cemented, dolo in part, glauc, gil., trace pyrite inclusions, questionable dark scattered asphaltic stain, no odor, scattered dull min fluor, no visible shows.

Sandstone, clear to white, frosted qtz grains, fair sorting friable in part, some dolo, some tite, trace show dark oil, questionable gas bubbles, no odor, very dull scattered fluor.

Sandstone, clear to white, SA, friable to tite in part, fair sorting, min fill, clay fill, glauc, some shale inclusions, no odor.

Shale, dark grey-green, teal green, few sand inclusions.

Shale, dark green, firm.

