



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1094219
OIL & GAS CONSERVATION DIVISION

Form ACO-1

August 2013

Form must be Typed
Form must be Signed
All blanks must be Filled

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
- Plug Back Conv. to GSW Conv. to Producer
- 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

GPS Location: Lat: _____, Long: _____
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum: NAD27 NAD83 WGS84

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Vertical 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

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

1094219

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

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

INSTRUCTIONS: Show important tops 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.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

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 List All E. Logs Run: _____	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
--	---

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
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone				

Did you perform a hydraulic fracturing treatment on this well? Yes No *(If No, skip questions 2 and 3)*

Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? Yes No *(If No, skip question 3)*

Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? Yes No *(If No, fill out Page Three of the ACO-1)*

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: <input type="checkbox"/> Yes <input type="checkbox"/> No
----------------	-------	---------	------------	---

Date of First, Resumed Production, SWD or ENHR.	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____
---	--

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

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> _____ <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
--	---	---

Form	ACO1 - Well Completion
Operator	O'Brien Energy Resources Corp.
Well Name	Vanderpool 2-5
Doc ID	1094219

Tops

Name	Top	Datum
Heebner	4298	-1926
Toronto	4341	-1969
Lansing	4444	-2072
Marmaton	5142	-2770
Cherokee	5314	-2942
Atoka	5432	-30601
Morrow	5648	-3276
Mississippi	5740	-3368
Ste. Genevieve	6090	-3718
St. Louis	6216	-3844

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
Thomas E. Wright, Commissioner
Shari Feist Albrecht, Commissioner

Sam Brownback, Governor

September 20, 2012

Joseph Forma
O'Brien Energy Resources Corp.
18 CONGRESS ST, STE 207
PORTSMOUTH, NH 03801-4091

Re: ACO1
API 15-119-21323-00-00
Vanderpool 2-5
NW/4 Sec.05-34S-28W
Meade 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,

Joseph Forma
Vice President
O'Brien Energy Resources Corp.



BASICSM
ENERGY SERVICES
Liberal, Kansas

Cement Report

Customer <i>O'Brien Energy</i>	Lease No.	Date <i>7-30-12</i>
Lease <i>Vanderpool</i>	Well # <i>2-5</i>	Service Receipt <i>3582</i>
Casing <i>8 5/8</i>	Depth <i>1486</i>	County <i>Meade</i>
Job Type <i>242 SURFACE</i>	Formation	State <i>KS</i>
		Legal Description <i>5-34-28</i>

Pipe Data		Perforating Data		Cement Data
Casing size <i>8 5/8 24#</i>	Tubing Size	Shots/Ft		Lead <i>400sk A-Con</i>
Depth <i>1494</i>	Depth <i>42'</i>	From	To	<i>2.95ft³-sk Blend</i>
Volume <i>9563</i>	Volume	From	To	<i>18.16d-sk 11.4#</i>
Max Press <i>1800</i>	Max Press	From	To	Tail in <i>150sk Progress</i>
Well Connection <i>8 5/8</i>	Annulus Vol.	From	To	<i>1.34ft³-sk C</i>
Plug Depth <i>1452</i>	Packer Depth	From	To	<i>6.336d-sk 14.8#</i>

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<i>1155</i>					<i>Arrive On Location</i>
<i>1200</i>					<i>Safety Meeting - Rig Up</i>
<i>1230</i>					<i>Rig Runny Casing</i>
<i>310</i>					<i>Circulate w/ Rig</i>
<i>340</i>					<i>Hook Up To TBS</i>
<i>345</i>	<i>1500</i>		<i>1.0</i>	<i>1.0</i>	<i>Pressure Test</i>
<i>350</i>	<i>250</i>		<i>210</i>	<i>6.0</i>	<i>Pump Lead cmt @ 11.4#</i>
<i>420</i>	<i>200</i>		<i>36</i>	<i>4.0</i>	<i>Pump Tail cmt @ 14.8#</i>
<i>430</i>					<i>Drop Plug - Wash Up</i>
<i>435</i>	<i>250</i>		<i>85</i>	<i>5.5</i>	<i>Displace</i>
<i>455</i>	<i>500</i>		<i>10</i>	<i>2.0</i>	<i>Slow Down Displace</i>
<i>500</i>	<i>1000</i>		<i>1</i>	<i>1</i>	<i>Land Plug - Float didn't Hold</i>
					<i>Cement To Surface</i>
					<i>Job Complete</i>
					<i>Thanks For Using Basic Energy Services</i>

Service Units	<i>19820</i>	<i>27462</i>	<i>14354-19578</i>	<i>14355-14284</i>	
Driver Names	<i>J. Chance</i>	<i>Eddie</i>	<i>Hector</i>	<i>Selina</i>	

Roger
Customer Representative

Serg Bantz
Station Manager

Ismael Chavez
Cementer

Cement Report

Customer <i>O.D. Energy</i>		Lease No.		Date <i>8/6/12</i>		
Lease <i>Underfoot</i>		Well # <i>25</i>		Service Receipt		
Casing <i>4 1/2</i>	Depth <i>6385</i>	County <i>Marion</i>		State <i>KS</i>		
Job Type <i>Long string</i>		Formation		Legal Description <i>5 34 28</i>		
Pipe Data			Perforating Data		Cement Data	
Casing size <i>4 1/2</i>	Tubing Size	Shots/Ft		Lead <i>115 5/8" 2148#</i>		
Depth <i>6385</i>	Depth	From	To	Tail in		
Volume <i>100.8</i>	Volume	From	To			
Max Press <i>1500</i>	Max Press	From	To			
Well Connection <i>PH</i>	Annulus Vol.	From	To			
Plug Depth	Packer Depth	From	To			
Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log	
<i>11:30</i>					<i>make split track, 24 Sept 11</i>	
<i>15:30</i>	<i>2110</i>				<i>Test Lines</i>	
<i>15:31</i>	<i>90</i>		<i>5</i>	<i>4</i>	<i>11=0</i>	
<i>15:41</i>	<i>90</i>		<i>12</i>	<i>4</i>	<i>Mid Wash</i>	
<i>15:44</i>	<i>90</i>		<i>5</i>	<i>4</i>	<i>11=0</i>	
<i>15:46</i>	<i>110</i>		<i>0</i>	<i>4</i>	<i>Start Mixing @ 19:50</i>	
<i>15:56</i>			<i>119</i>		<i>Finished Mixing @ 19:56</i>	
<i>16:07</i>	<i>110</i>		<i>0</i>	<i>6</i>	<i>Start Disp</i>	
<i>16:17</i>	<i>110</i>		<i>90</i>	<i>2</i>	<i>slow rate</i>	
<i>16:18</i>	<i>1250</i>		<i>100</i>		<i>Plug Down</i>	
<i>17:14</i>					<i>Plug PTH</i>	
<i>17:30</i>					<i>Job Complete</i>	
Service Units		<i>19488</i>	<i>100.372233</i>	<i>1176</i>	<i>105707</i>	<i>19560</i>
Driver Names		<i>1117</i>	<i>R. O'Brien</i>		<i>R. O'Brien</i>	<i>F. B. ...</i>

Randy Powell
Customer Representative

Donna Bault
Station Manager

Chad Airt
Cementer

MBC WELL LOGGING LLC

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

Well Name: VANDERPOOL 2-5 O'BRIEN ENERGY RESOURCES CORP
 Location: MEADE, COUNTY, KANSAS USA
 Licence Number: 32211
 Spud Date: 7-28-12
 Surface Coordinates: 2,755fel, 1,101 fwl SEC 5-T34S-R28W
 Bottom Hole Coordinates: HLS-DIL/SP/GR CNL/CAL/PE/BHV SONIC SFC
 API-15-119-21323-00
 Ground Elevation (ft): 2360' K.B. Elevation (ft): 2372'
 Logged Interval (ft): 4200 To: 6400 Total Depth (ft):
 Formation: ST LOUIS
 Type of Drilling Fluid: WINTERS MUD, ADAM NORRIS ENG. 580-651-4907

Region: NW BORCHERS

Drilling Completed: 8-5-2012

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






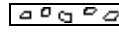
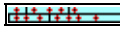


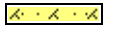
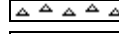







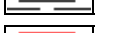




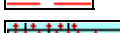



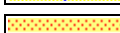












OPERATOR

Company: O'BRIEN ENERGY RESOURCES CORP
 Address:

MUDLOGGER

Name: AUSTIN GARNER
 Company: MBC WELL LOGGING LLC
 Address: 21156 RD 22
 MEADE, KANSAS 67864

ROCK TYPES

	Anhy		Oolitic ls -1		Salt		Grn sh strk		Calc shale
	Brec		Stgensndy-		Sndy sh--reg		Lmy sh-2		Granitewash
	Cht		New ls-1		Sndy sh		Grn mott gy		Ls shly-b
	Coal		Carby shale		Sltst-1		Shale-1		Poor sortd ss
	Congl		Lmy carby		Sltly-shale		Red sh-1		Snd-ls-sh
	Dolo new		Carb sh		Lmy ss-1		Stgensndy-arkos		
	Newdolo ls		Gyp		Arkosic snd		Sndy ool ls		
	Ls & ooids		Sltst		Ss		Sndy-ls-1		

ACCESSORIES

LITHOLOGY

- Anhy
- Brec
- Cht
- Coal
- Congl
- Dolo new
- Newdolo ls 2
- Ls & ooids
- Oolitic ls -1
- Stgensndy-arkos
- New ls-1
- Carby shale
- Lmy carby sh-3
- Carb sh
- Gyp
- Slstst
- Salt
- Sndy sh--red
- Sndy sh
- Slstst-1
- Slty-shale
- Lmy ss-1
- Arkosic snd
- Ss
- Grn sh strk
- Lmy sh-2

- Grn mott gy sh
- Shale-1
- Red sh-1
- Stgensndy-arkos
- Sndy ool ls
- Sndy-ls-1
- Calc shale
- Granitewash
- Ls shly-b
- Poor sortd ss
- Snd-ls-sh

FOSSIL

- Algae
- Amph
- Belm
- Bioclst
- Brach
- Bryozoa
- Cephal
- Coral
- Crin
- Echin
- Fish
- Foram
- Fossil
- Gastro

- Oolite
- Ostra
- Pelec
- Pellet
- Pisolite
- Plant
- Strom

MINERAL

- Anhy
- Arggrn
- Arg
- Bent
- Bit
- Brecfrag
- Calc
- Carb
- Chtdk
- Chtlt
- New dolostringer
- Dol
- Fldspr-1
- Ferrpel
- Ferr
- Glau
- Gyp
- Hvymin

- Kaol
- Marl
- Minxl
- Nodule
- Phos
- Pyr
- Qtz
- New symbol
- Salt
- Sandy
- Silt
- Sil
- Sulphur
- Tuff
- Styolitic
- Slickenside

STRINGER

- Anhy
- Red sh stringer
- Arg
- Bent
- Coal
- Dol
- Gyp
- Oolls-1
- Ls

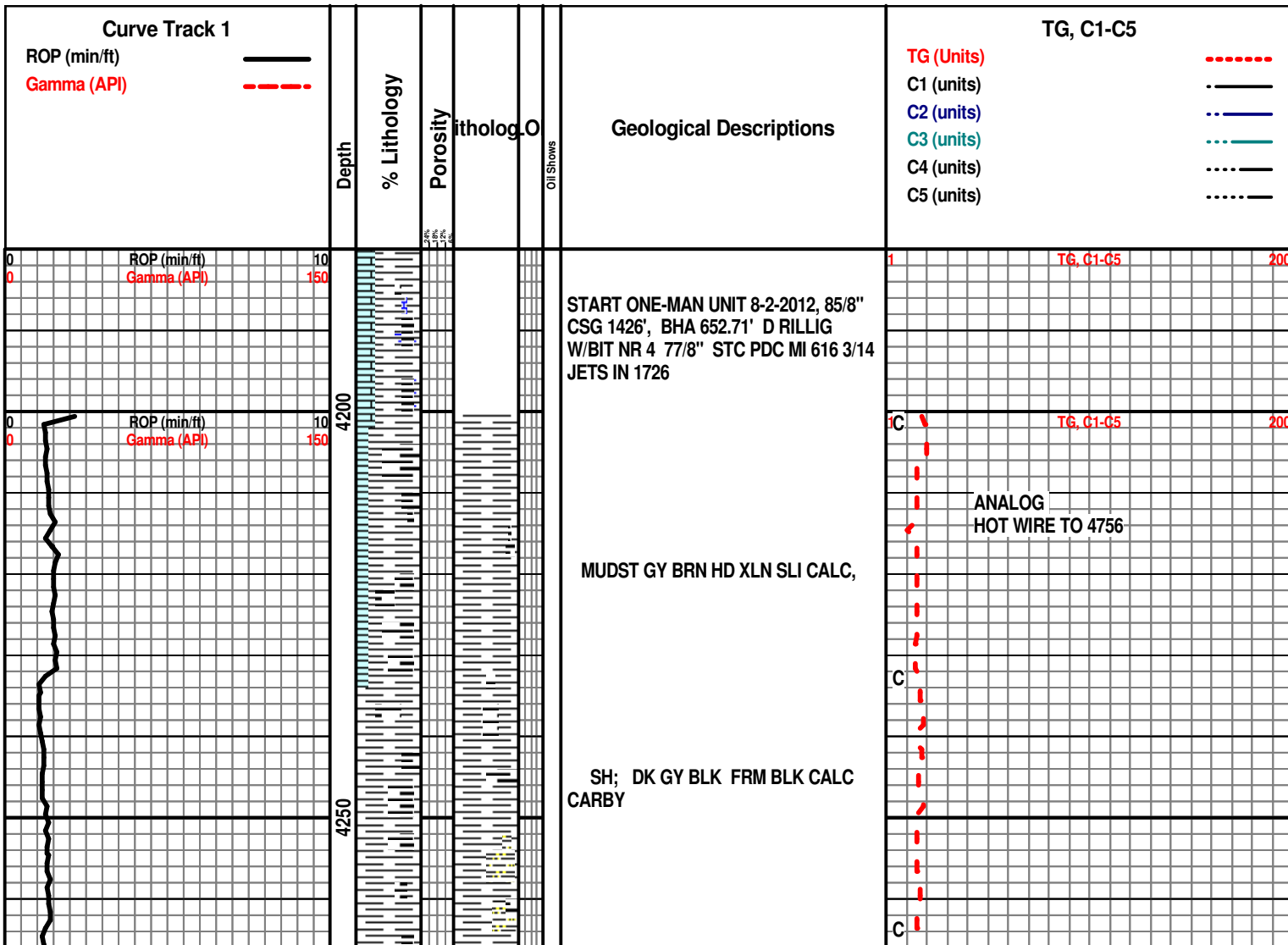
- Mrst
- Slststrg
- Ssstrg
- Grn sh strk

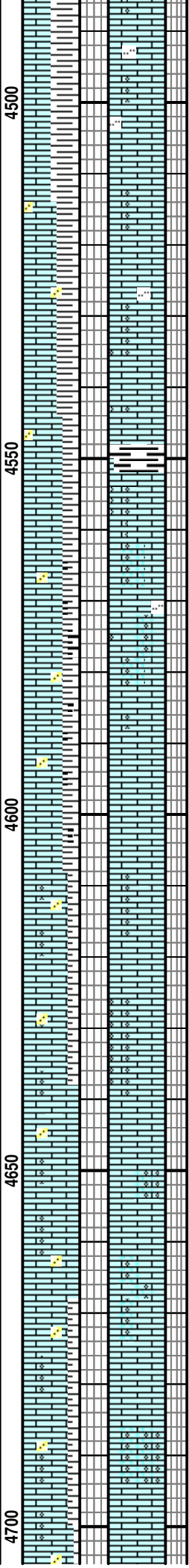
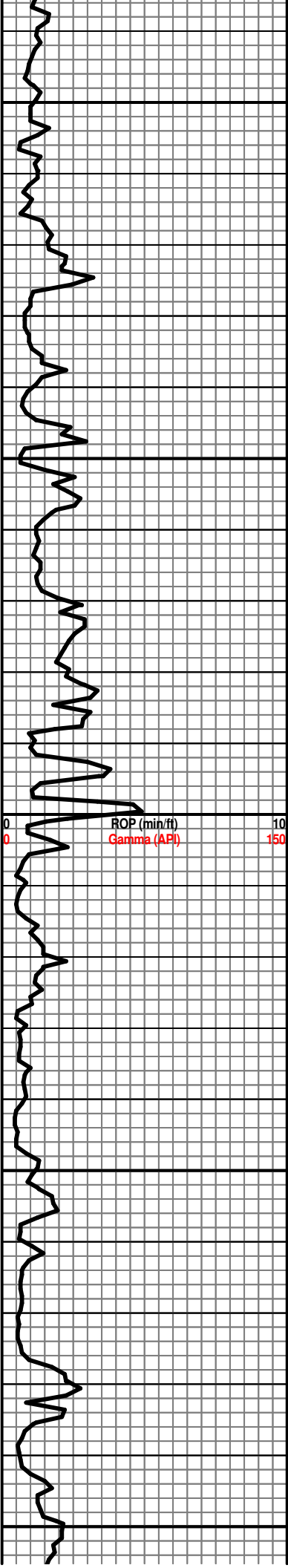
TEXTURE

- Boundst
- Chalky
- Cryxln
- Earthy
- Finexln
- Grainst
- Lithogr
- Microxln
- Mudst
- Packst
- Wackest

OIL SHOW

- Even
- Spotted
- Ques
- Dead





LS; LT BUFF, SME W/GRN TINT SME COMNGLD GRN SH, BRTL, SME VF QTZ, OCC VF OOL, NO ODOR, MFNSOC

LS; BRN TN HD DFNS VF XLN, LAM BLK SH, SME FUS/FOSS, PYR, TR SPARRY W/VF OOL, NO ODOR, MFNSOC

SH GY LTGY TR BLK CARBY

LS; LT BUFF RGH SPARRY VF OOL, W/VF QTZ CNTR IP, SME FOSS FRGS, F TO LWR MED VUG POR, CRM CHLK-W-F OOL, NO ODOR, MFNSOC

LS; LT BUFF BRN HD DNS VF ZLN, IP. PRED BUFF/CRM W/FOSS, OCC OOL, NO ODOR, MFNSOC

SH; BLK BLKY

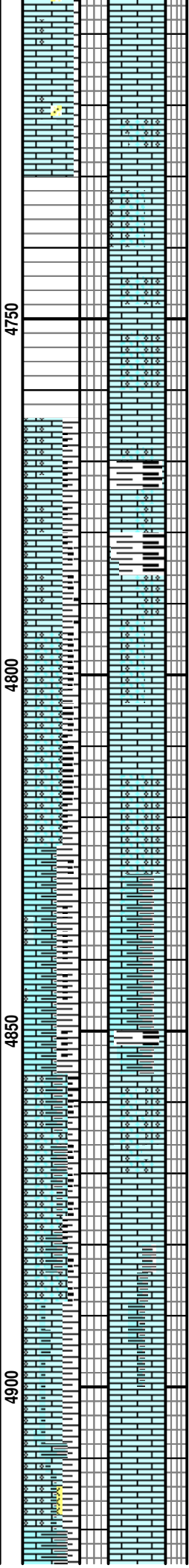
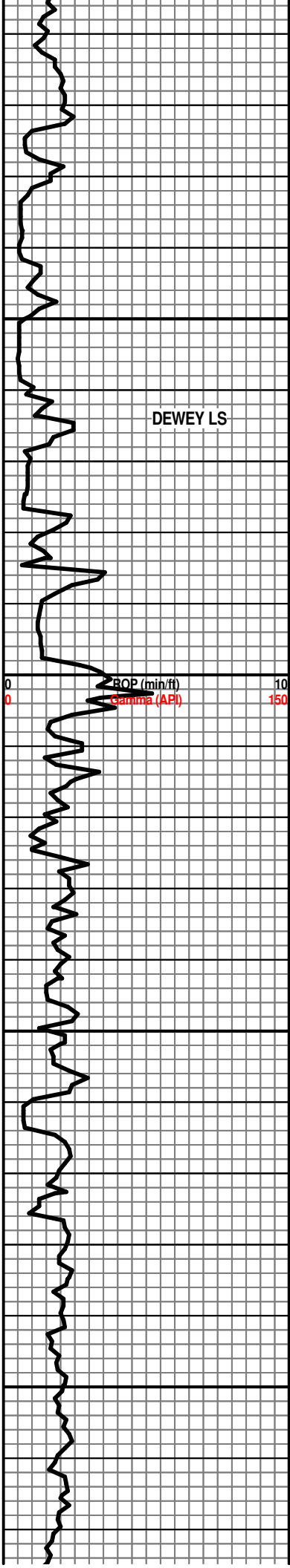
LS; CRM BUFF VF GRNY S CHLKY, VF F OOL, SME SPARRY CMTE, NO ODOR MFNSOC

LS; TN LT BRN/TN BRTL, VF GRNY, VF OOL IP, FOSS FRGS, SME BRN SH LENS, NO OSDOR, MFNSOC

L S; LT TN HD DNS ABDT LT BUFF/CRM CHLKY W-F OOL, SMED RIM COATED ELIP SHALOOW MOLDS, NO ODOR MFNSOC

4502
MUD CHECK
WT 9.2
VIS 60
PV 20
YP 15
GEL 12/20
PH 10.5
FIL 12.2
ALKFIL .3/1.5
CHL 2,800
CAL 40
SOL 7
LCM 10
\$23,178.00

TG, C1-C5



LS; LT BRN CHLKY, SPKLD VF BRN MATL, SME VF QTZ, W/OPAQ TO GY BRN SEMI VIT FOSS CHT, NO ODOR, MFNSOC

DEWEY LS

LS; CRM/BUFF VF GRNY GRITTY SME WEATHD APPR, F XLN, VF F OOL, SME VF OOLMOL, GY FOSS CHT, NO ODOR, MFNSOC

SH; GY DK GY BLK CALCITIC CARBY

LS; LT TN BUFF GRITTY VF SPARITIC, VF OOL & OOLMOL, CRM CHLKY NO ODOR, MFNSOC

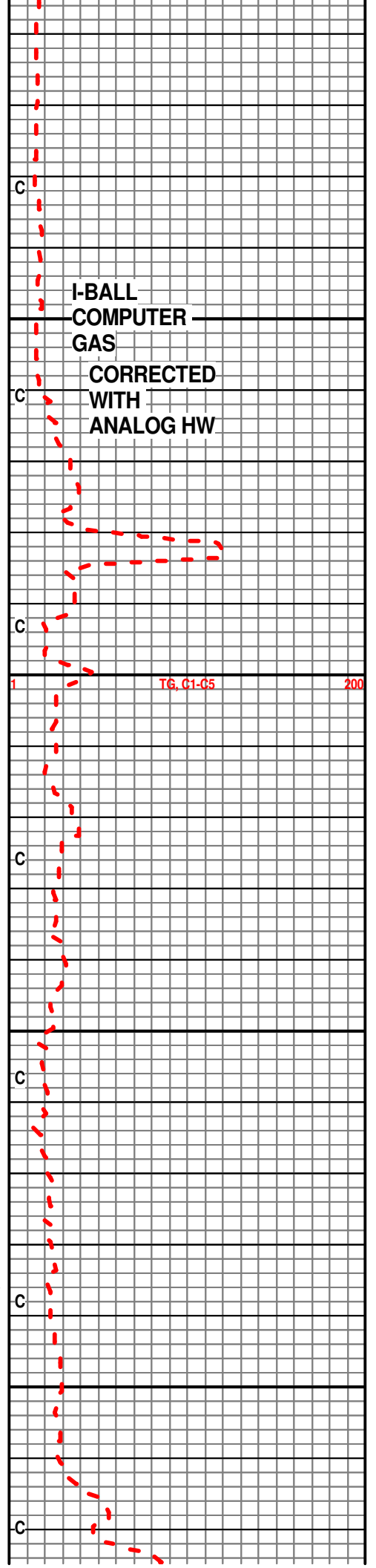
LS; TN GY HD DNS XLN SHLY BRECCA EDGES IP

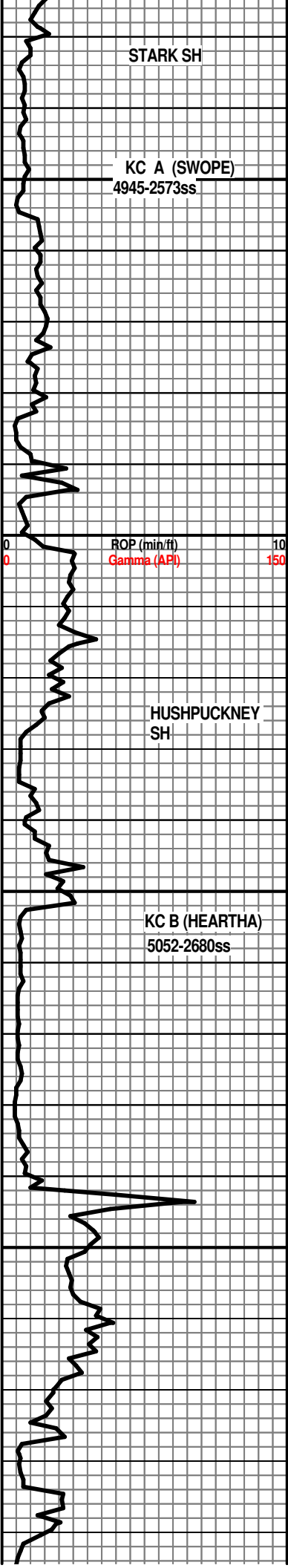
LS; BUFF LT TN F OOL, RIM COASTED, SME W/SH CNTR, SME SPAR CMTED, F TO LWR MED OOL, FOSS SHLTR, NO ODOR MFNSOC

LS; GY BRN HD DNS XLN CRM CHLK EDGES INTBD DULL GY CALC CARBY SH

LS; DK TN BRN HD XLN SHLY INCRS TO LT GY HD DNS SHLY XLN W/FOSS & CHT

LS; LS; BRN VF SPARITIC





STARK SH

KC A (SWOPE)
4945-2573ss

ROP (min/ft)
Gamma (API)

HUSHPUCKNEY
SH

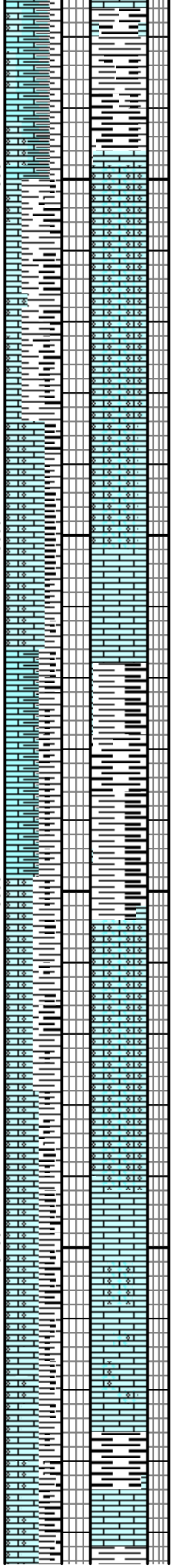
KC B (HEARTHA)
5052-2680ss

4950

5000

5050

5100



DOLOMITIC OOL, NO ODOR, MFNSOC

SH; BLK BRN BLKY LMY CARB

L S; GY TN HD DFNS XLN S HLY
INTBD BLK CARBY SH

LS; CRMF WH CHLK CMTED F & TN
MED OOL, PYR FOSS PCES. NO ODOR
MFNSOC MED

LS; BRN TN SUGARY F & MED
OOLM, VF TO F OOL CLSTRS, SPARRY
IMBSD CRS FOSS, NO ODOR, MED
GOLD FLOR NSOC

SH; BLK BLKY CARB SME DK GY
SPLNTY W/PHOS NOD

WIPER TRIP 5013 40 STANDS

LS DK BRN FRAC CRYP TO VF XLN
SHLY

SH; DK GY SLI GRN LMY LSME BLK
CARB

SH BLK DK GY CARB SME CALCITIC
CRIN PYR

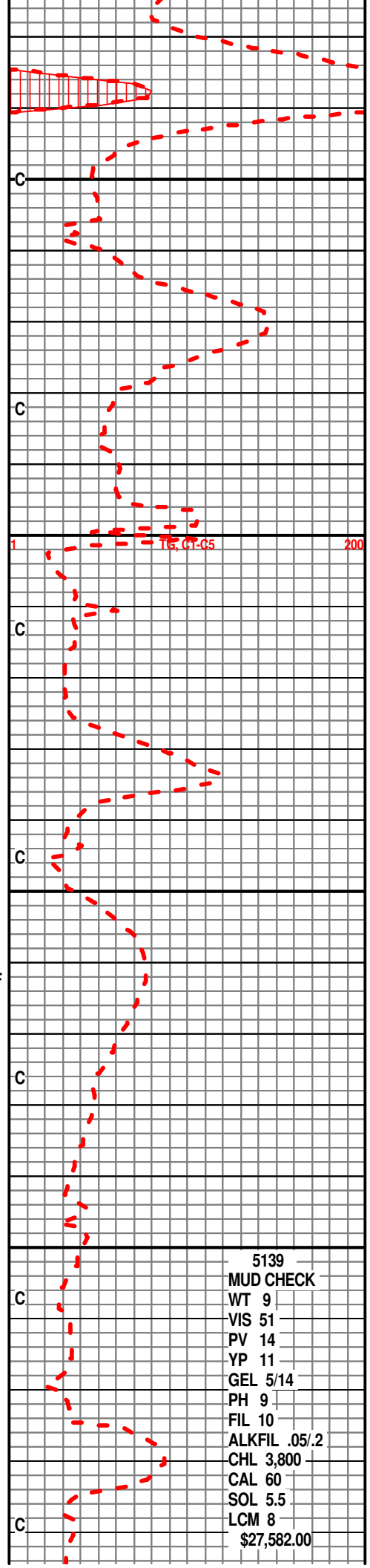
LS; CRM WH TN WEATHD APPR W/VF
F OOL, NO ODOR MFNSOC

LS; TN BRN SPAR CMTED VF F OOL
& OOLM,, SME MED OOLM, SUAGRY,,
NO ODOR, GOLD FLOR NO STN, NO
CUT

SH; DULL DK BY BLK BLKY, CARB,
CALC,

LS; LT BRN BUFF MOTT CRM,
WEATHD APPR, CHLKY COMGLD F
XLN, OCC OOL & FOSS, SME BLK SH
PELL, DK GY VIT OOL CHT, NO ODOR,
MFNSOC

SH; BLK DK GY CALC CARB



C

C

1

C

C

C

C

C

5139
MUD CHECK
WT 9
VIS 51
PV 14
YP 11
GEL 5/14
PH 9
FIL 10
ALKFIL .05/2
CHL 3,800
CAL 60
SOL 5.5
LCM 8
\$27,582.00

MARMATON
5147-2775ss

5150

LS; CRM TN VF XTL, SPAR CMTED,
CRM-OOL, F & MED, SME VF GRNY
CMTED VF F OOL, SME MOLDIC, VF
FOSS PCES, NO ODOR, MFNSOC

SH; DK GY BLK CALC CARBY

LS; BRN TO GY LHD DNS VF F XLN,
SHLY FOSS PCES

BRN CALCITC FOSS SH

LS; DK BRN GY GHD DNS XLN, SME
FOSS FRGS, FRAC, SHLY

SH; BLK DK GY CARBY

TR LT GY GRN VF GRN SHLY CALC SS

LS; MED TN GY HD VF XLN SHLY
SME FOSS SCATT CHT

SH; BLK, DULL CALC CARB

LS; TN CRM MOTT W/CHLK, VF
GRNY P/SRTD VF TO LWER MED
OOLMOL, SME OOL, MFNSOC

LS; TN LT BUFF F XLN SHLY FRAC

SH; BLK DK GY CARB SME SH
W/SPICULES

LS; LT TN HD DNS SHLY XLN, FOSS
FRGS, COMNGLD CHLK

CRM CHLKY OOL LS W/CALC XTLS,
SME HD OOL XLN, INCRS GY TN HD
DNS XLN

BLK CARB SH

SH; BLK BLKY CARBY

ROP (min/ft)
Gamma (API)

10
150

BANDERA SH
5264-2892ss

CHEROKEE
5315-2943ss

5250

5300

5350

C

C

C

C

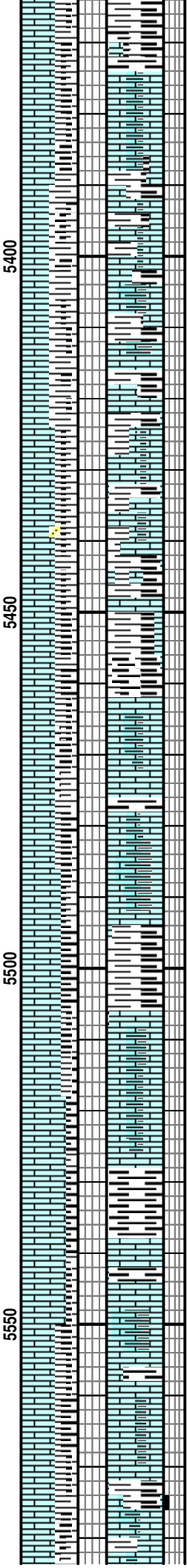
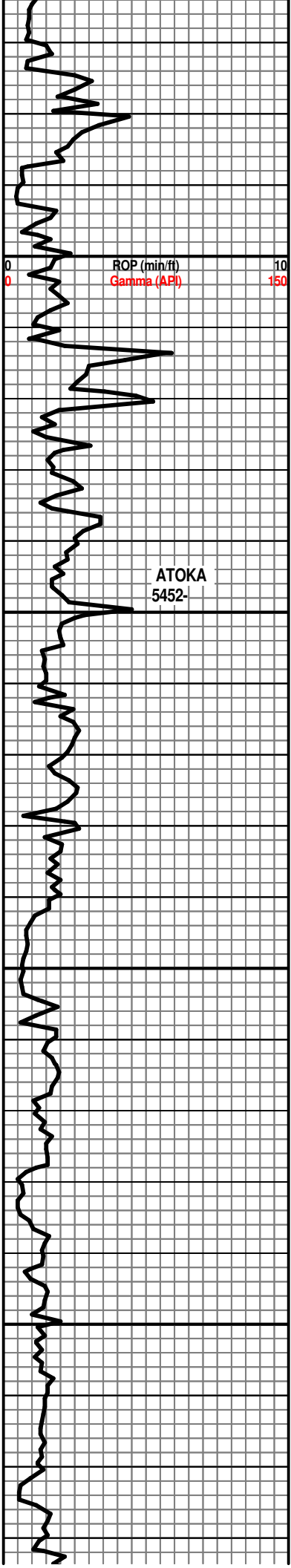
C

C

C

TG, C1-C5

200



LS; GY TN HD DNS SHLY XLN

SH BLK MARLY SME FOSS SME BLK CARB SH

LS; BRN ERTY FOSS PCES, & TRACE FOSS

LS; LT TN BRN TO GY HD DNS SHLY XLN, OCC FOSS FRGS, & FOSS TUBES,

WLS 5454=1*

SH; BLK RGH TXT, SFT TO FRM BLKY CARB

LS; LT TN SLI GY DNS SHLY XLN SME CHLKY

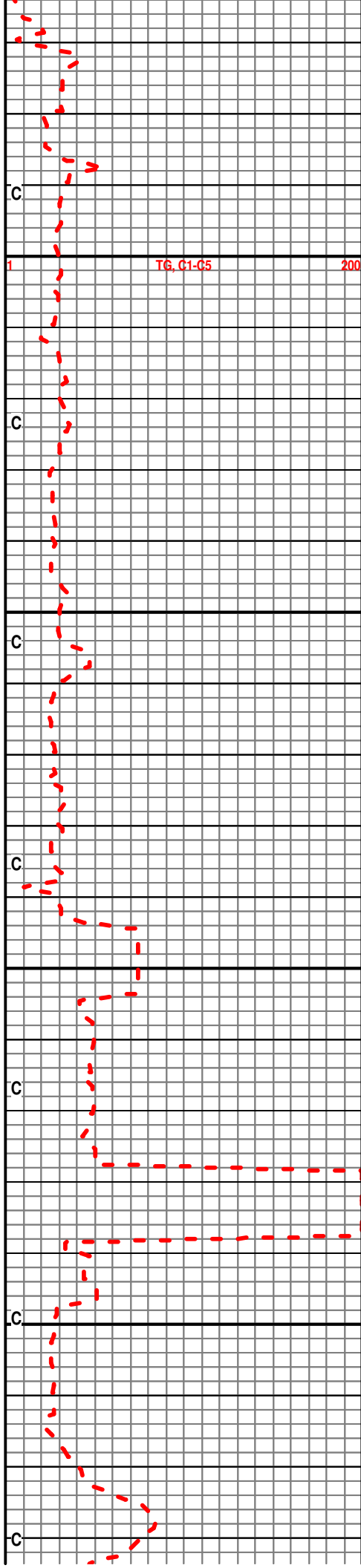
LS; GY DK GY TO BRN SHLY XLN SME DULL ERTY, W/OCC FOSS SPARRY BIOMICRITIC IP

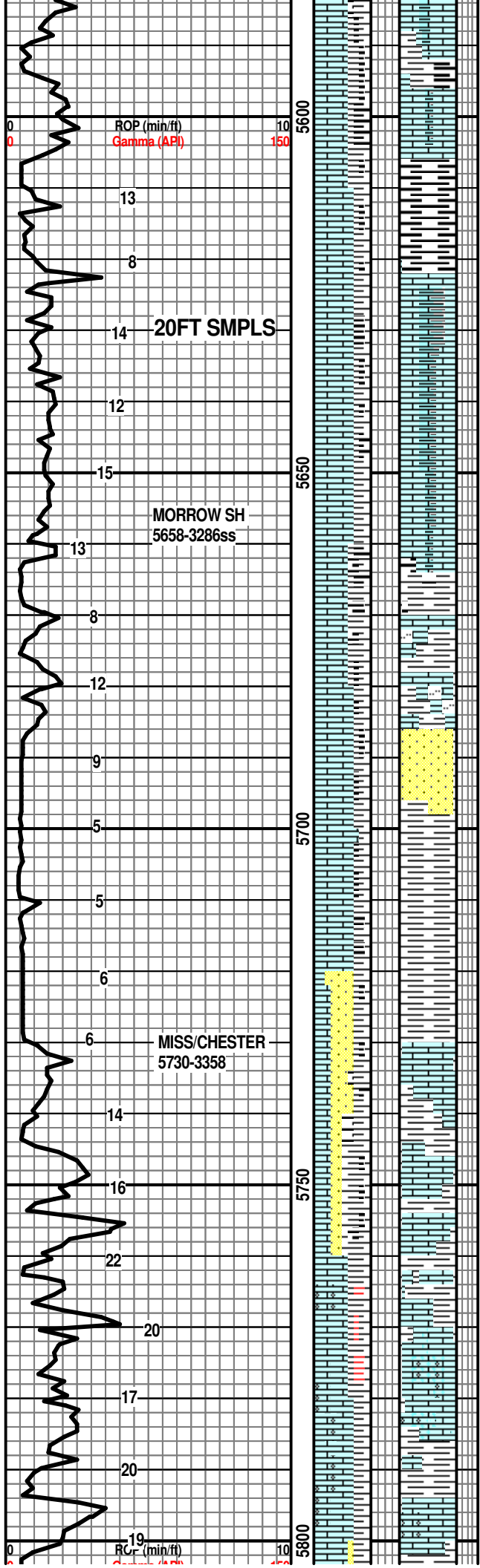
SH BLK DULL CARBY

LS; DK TN CRYP XOLN IP, W/IMBD CLR CALC XTLS, INCRS DULL DK GY SHLY

SH; BLK FLAKEY TO BLKY CARB MICA

LS; PALE TN TN VF GRNY-SPARITIC, TO BRN DULL W/FOSS FLAKEY FRAC XLN, NO ODOR, MFNSOC





LS; DK GYISH WH, BLK SME BRN SHLY MICRO FOSS, INTBD BLK CARB SH

SH; BLK DULL GY CARB, PYR, MICA, SME LT GY SFT W/CARB SPKS & MICA

LS; BRN/GY BLKMOTT WH, HD SHLY FOSS, SME SALT & PEPPER SUCROSIC

LS; BRN GY DK GY BLK, FOSS GLAU PYR SHLY

SH; DK GY WXY W/GLAU, SME BRN-GY W/CARB MATL PROB CLAY PLUG

LS; BRN PALE TN BIOSPARITIC LAM GRN CLAYM, CHOR, PYR SCATT VF QTZ

SS; GY, OFF WH, SME SLI GRNISH, VF GR, SME UPPER VF GR CLSTRS, S ANG, FRI TO HD TT, SILIC CMT W/CALC INTRUS, BLK SH LENS & CARB MATL I.P., SME CLN CLSTRS, SME V/LT TN TINT PROB CLAY STND, NO ODOR, TR GAS BUBBLE, ON BREAK, BLK FLOR NSOC

SH; DK TO LT GY SFT FISS, MICRO CARB MATL PYR

LS; PALE TN CRINOIDAL W/CHOR & GLAU

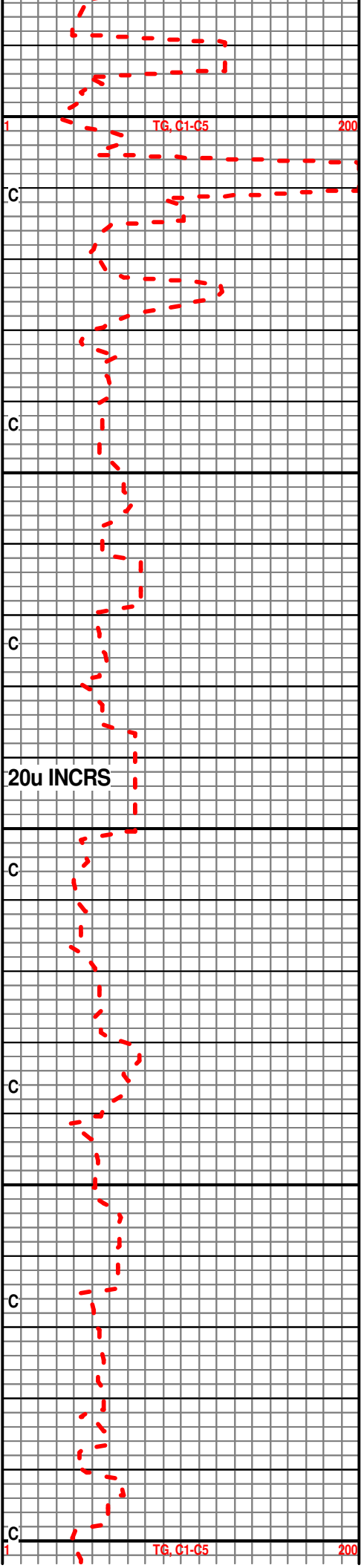
SH; LT GY-GRN SFT

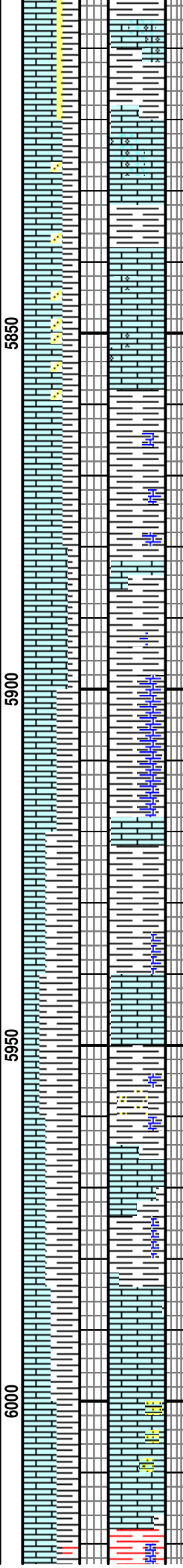
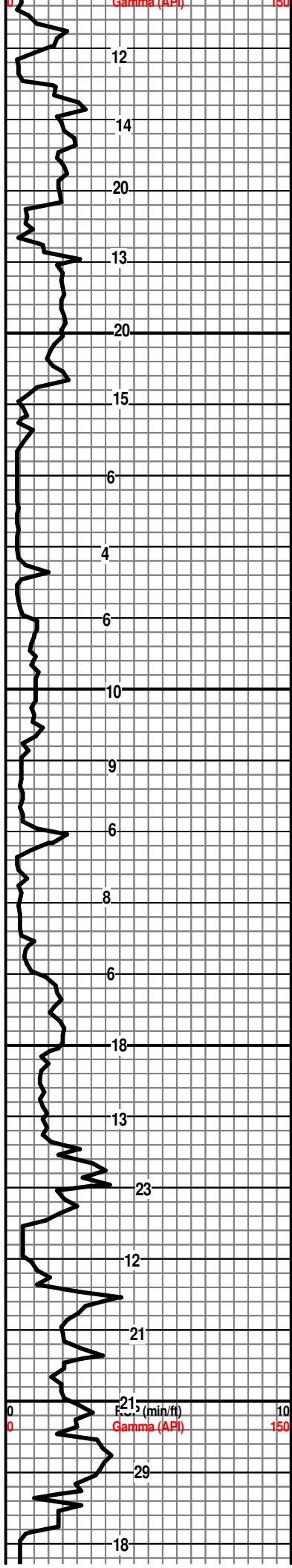
LS; OFF WH SUCROSIC IP, PRED LT TN FOSS DETRT, W-P/SRTD F & MED GY SH SPOTS

LS; GYISH TN TO TN HD BIOMICRITIC SME VF GRNY SPARITIC, W/FOSS SH CLST & NOD, PYR, SCATT OIDS, NO ODOR, MFNSOC

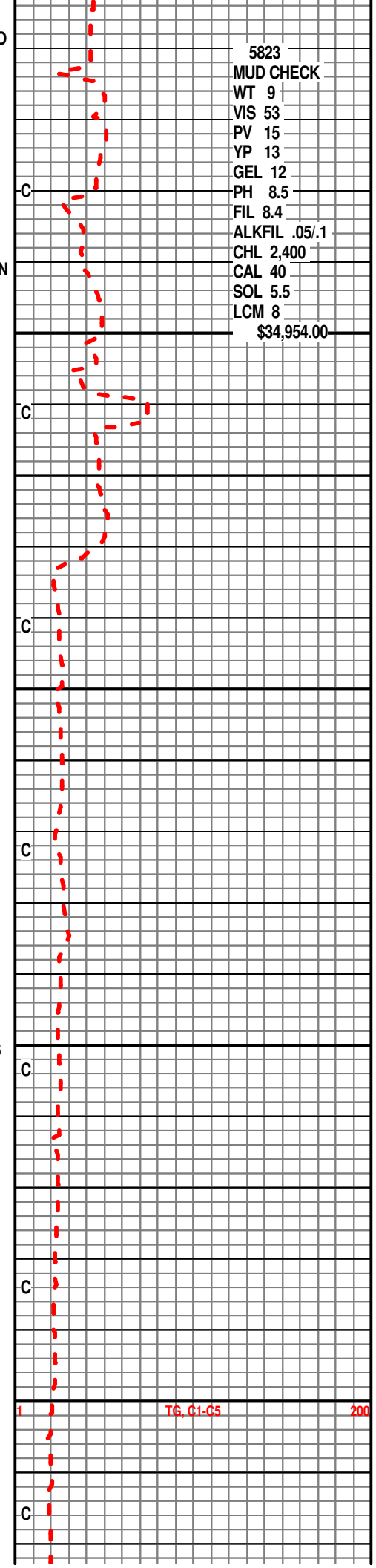
SH; GY DK GY LMY SME PYRITIC

LS; TN MOTT W/CRM COLOR, P/SRTD FOSS FRGS, CRM CHLK, TR OOL & FOSS IN CHLK FAINT GOLD FLOR NSOC NO ODOR



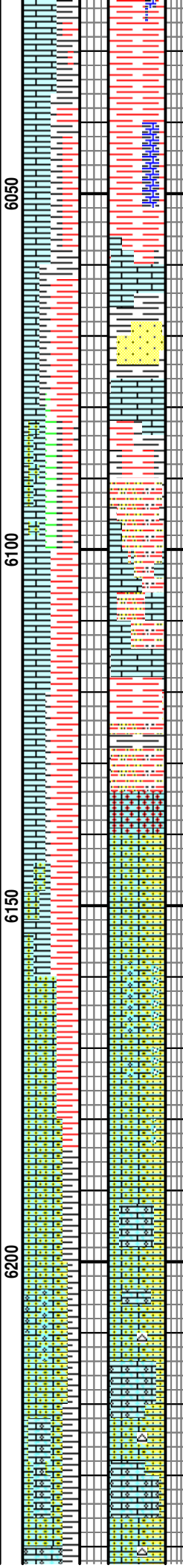
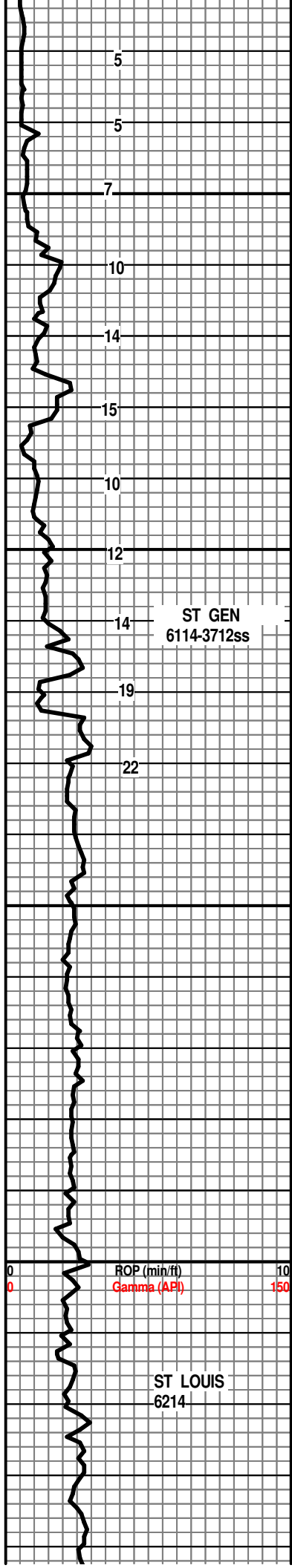


LS; GY HEAVY RIM COATED GY OOL
 PELL, TR VF LAM & COMGLSD SS NO
 ODOR, MFNSOC
 SH; LT GYS & GRNS SMO
 SH LT GRN SMO
 LS; CRM CHLKY P/SRTSD FOSS
 FRGRTL, SME SPAR CMTEG FOSS XLN
 VF F GY SPTCHES TR VF SHLY
 SPARITIC SME W/M, ICRO QTZ, NO
 ODOR, FAINT MIN FLOR
 SH; V/LT GY SLI GRN SMO LMY IP,
 SME CARB PCES SME FOSS DEBRIS,
 PYRITIC PCES,
 SH DULL GY LMY OCC V/SHLY GY
 FOSS DETRT LS
 GRN HD DNS XLN LS
 SH GY SLI GRN SFT SME W/GLAU
 LS; GY HD DNS HLY XLN SME FOSS
 PCES
 SH; LT GY GY LMY SME W/MICRO
 QTZ
 SH LT GY GY-GRN SMO
 LS; CRM TN HD BIOSPARITIC, XLN,
 ABDT WEATHD APPR, S CHLKY
 W/FOSS, PYR, SME GY VF & MED
 SPTCHES, NO ODOR, WEAK FAINT
 GOLD FLOR NSOC
 LS; CRM GY FOSS FRGRTL XLN
 CHLKY IP, SHLY SME LAM VF GR
 SLTST



5823
 MUD CHECK
 WT 9
 VIS 53
 PV 15
 YP 13
 GEL 12
 PH 8.5
 FIL 8.4
 ALKFIL .05/1
 CHL 2,400
 CAL 40
 SOL 5.5
 LCM 8
 \$34,954.00

TG, C1-C5 200



SH; VARI REDS, YEL, GRN
 BLKY-FRAC IP, SMO CALC TO LMY,
 PHOS NOD

RED DNS XLN FOSS LS

WH LT GRN HD TT DNS LMY MICRO
 SS, ALMOST BOUNDST

LS; LT GRN SPARITIC COMGLD CRM
 COATEDS VF QTZ GRNS ABDT VARI
 SH AAB

SH VARI RESDS GRNS SMO,
 CONTORTED PCES, SME VF SNDY

ST GEN
 6114-3712ss

SH; RED HD LMY SME MICRO SLTY
 SNDY

LS; WH GY SLI GRN IP, HD VF AREN

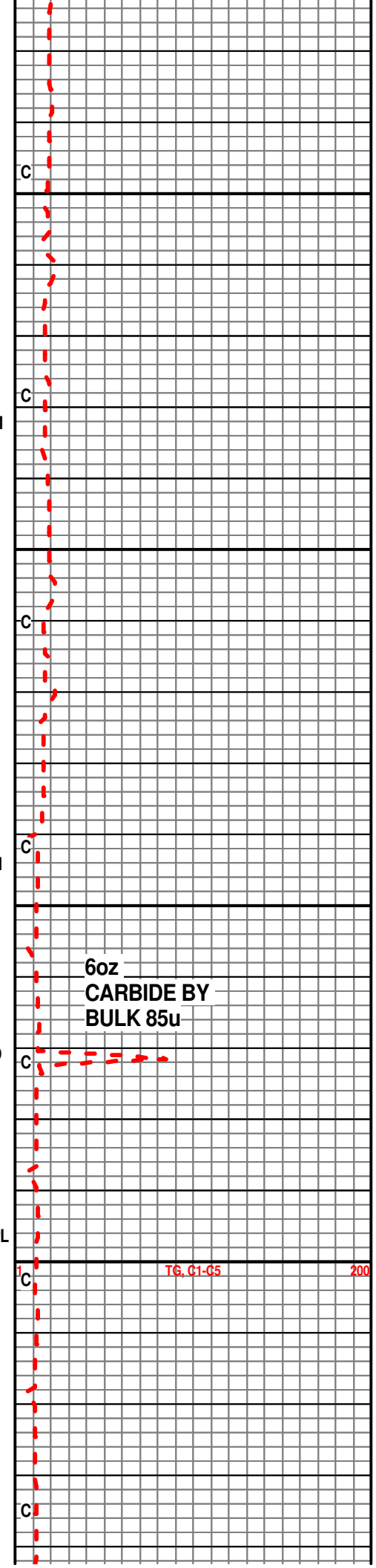
LS; LT GY WH SLI CRM VF AREN,
 OOC OOIID PELL, CHOR IMBD CLR RD
 F GR QWTZ

LS; CRM-TINT GY VF AREN CLR VIT
 CHT OCC OOL PELL, NO ODOR, PURPL
 FLOR NSOC

LS; GYISH TN VF AREN

ST LOUIS
 6214

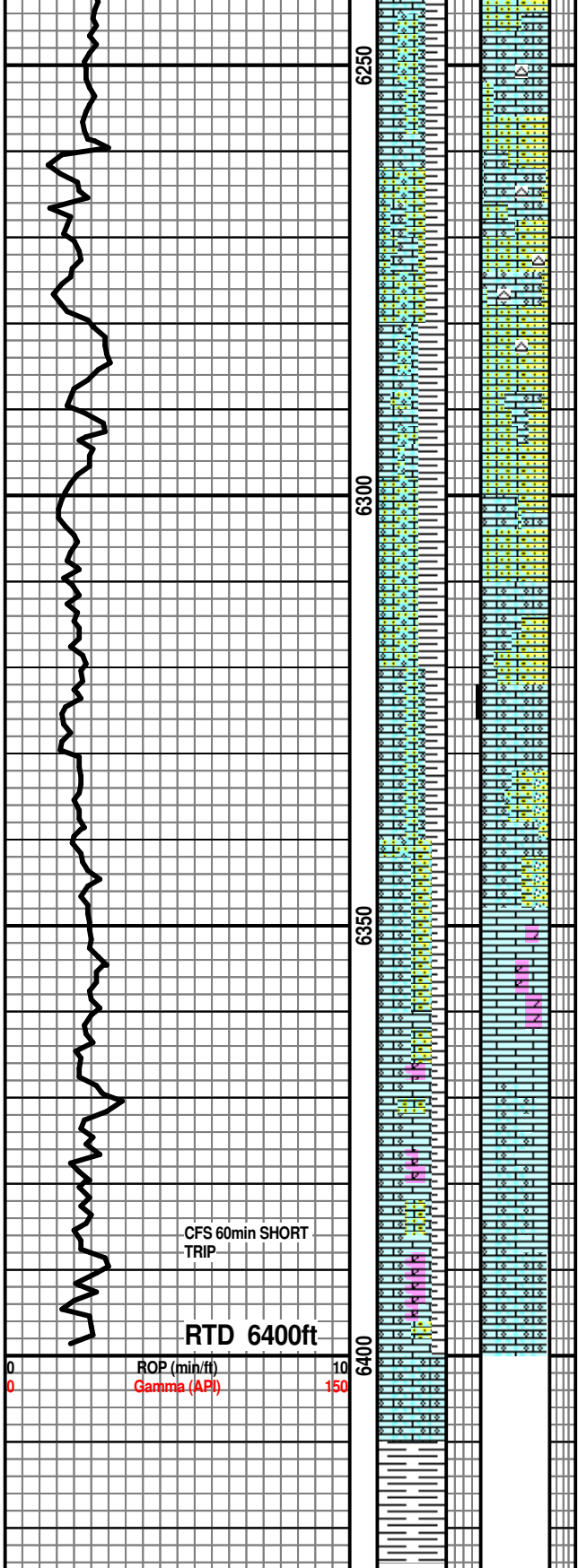
LS; LT TN SPAR CMTED VF OOL,
 COMNGLD CHLK W/OOL, NO ODOR,
 SME FAINT GOLD MIN FLOR NSOC



6oz
 CARBIDE BY
 BULK 85u

TG, C1-C5

200



LS; GYISH TN HD DNS
 OOL/SPARITIC, SME CRM CHLK
 W/OOL, NO ODOR, SCATT PP INTR
 OOL BRN SNTGG (2%) SME FAINT
 GOLD FLOR, SLO THIN BECOMNG
 STRONG MILKY CUT

LS;

LS; GY WH HD DNS AREN CHOR,
 CLR VIT CHT,

LS; LT TN/GY FLAKEY FRAC, VF
 OOL, SME AREN, CHLK, MFNSOC

LS; BRN SPARITIC, VF OOL,
 COMNGLD CRM CHLKY, CLR VIT CHT

LS; GYISH BRN VF AREN

LS; CRM/TN CHLKY W/F-OOL, RIM
 COATED, SME HD DNS SPAR CMTE,-
 F OOL W/FOSS SHLTR, INCRS GY BRN
 HD DNS XLN, NO ODOR, FAINT GOLD
 FLOR NSOC

LS; GY BRN HD DNS SME
 DOLOMITC

LS;CRM CHLKY P/SRTD VF TO SME
 MED OOL, VF CLR XTL CMTE IP,
 FOSS PCES, ABTD HD DNS W/SHADOW
 OOL XLN NO ODOR, MFNSOC

THANKS FOR USING
 MBC WELL LOGGING
 AUSTIN & MARLA GARNER

