

Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1

January 2018

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

Gas DH EOR

OG GSW

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 EOR Conv. to SWD

Plug Back Liner Conv. to GSW Conv. to Producer

Commingled Permit #: _____

Dual Completion Permit #: _____

SWD Permit #: _____

EOR Permit #: _____

GSW Permit #: _____

Spud Date or Date Reached TD Completion Date or Recompletion Date

API No.: _____

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 Drill Stem Tests Received

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

1. Did you perform a hydraulic fracturing treatment on this well? Yes No *(If No, skip questions 2 and 3)*
2. Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? Yes No *(If No, skip question 3)*
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)*

Date of first Production/Injection or Resumed Production/Injection:	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) (Submit ACO-4)</i>	PRODUCTION INTERVAL: Top Bottom
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Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At	Acid, Fracture, Shot, Cementing Squeeze Record <i>(Amount and Kind of Material Used)</i>

TUBING RECORD:	Size:	Set At:	Packer At:	
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Form	ACO1 - Well Completion
Operator	Merit Energy Company, LLC
Well Name	CARRIE 15-3
Doc ID	1637325

All Electric Logs Run

ANNULAR HOLE VOLUME
ARRAY COMPENSATED TRUE RESISTIVITY LOG
ARRAY COMPENSATED TRUE RESISTIVITY LOG 1
ARRAY COMPENSATED TRUE RESISTIVITY LOG 2
BOREHOLE SONIC ARRAY LOG
DUAL SPACED NEUTRON SPECTRAL DENSITY LOG
MICROLOG
QUAD COMBO LOG

Form	ACO1 - Well Completion
Operator	Merit Energy Company, LLC
Well Name	CARRIE 15-3
Doc ID	1637325

Tops

Name	Top	Datum
Heebner	3786	.
Toronto	3804	.
Lansing	3882	.
Iola	4013	.
Dennis	4115	.
Swope	4184	.
Hertha	4232	.
Marmaton	4347	.
Altamont	4367	.
Pawnee	4428	.
Fort Scott	4466	.
Cherokee	4490	.
Atoka	4629	.
Morrow	4727	.
St Genevieve	4873	.
St Louis	4915	.

MBC WELL LOGGING LLC

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

Well Name: CARRIE 15-3
 Well Id: API 15-093-2199500-00
 Location: KEARNEY COUNTY, KANSAS USA
 License Number: _____ Region: CARRIE
 Spud Date: _____ Drilling Completed: _____
 Surface Coordinates: SW/SE/NW/NE SEC15-T23s-R35w
 DUKE RIG 9 RODNEY GONZALES CO MAN
 Bottom Hole Coordinates: _____
 Ground Elevation (ft): 3020 K.B. Elevation (ft): 3032
 Logged Interval (ft): 3700 To: 5000 Total Depth (ft): _____
 Formation: _____
 Type of Drilling Fluid: MUDCO Tony Mastas CELL (316) 772-6679

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

OPERATOR

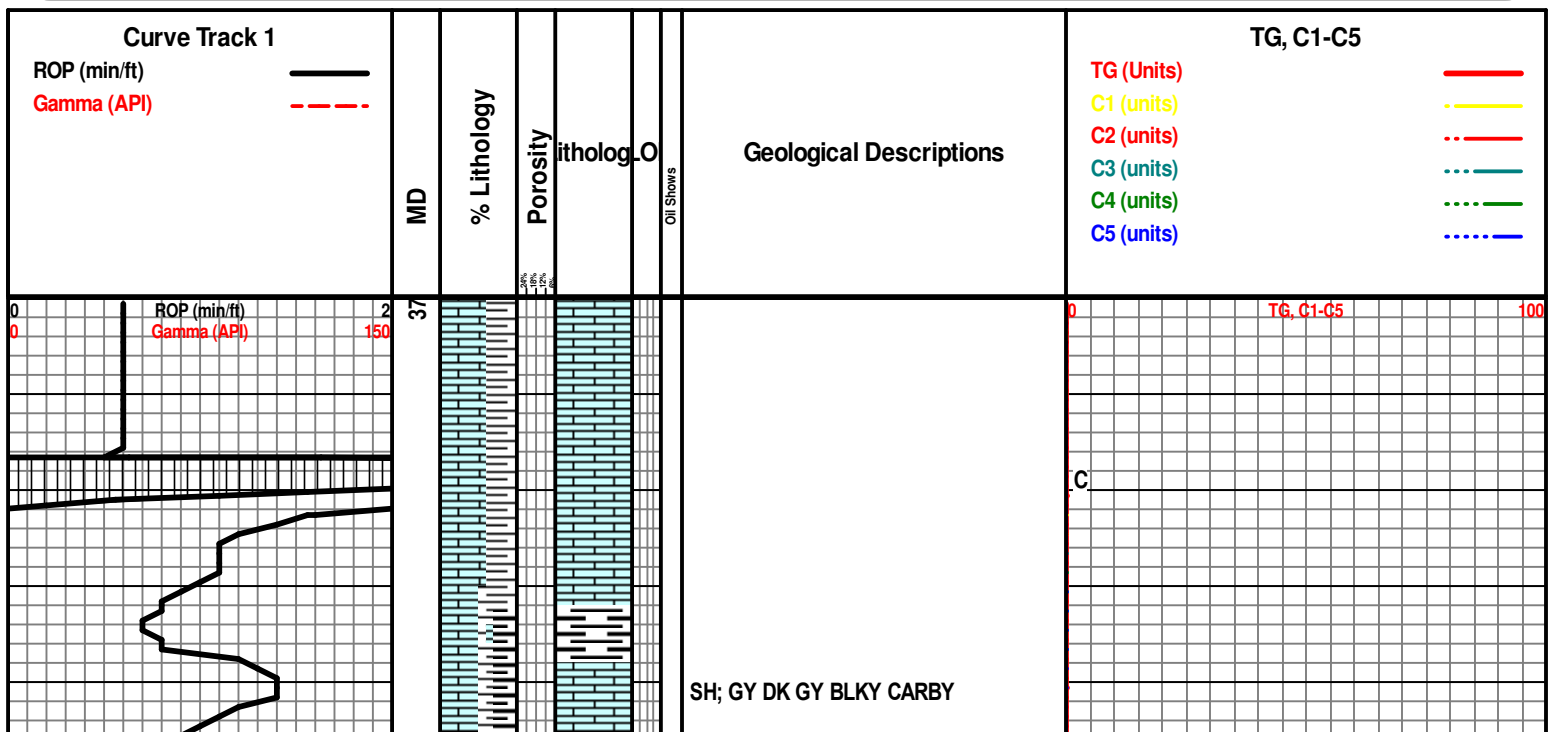
Company: MERIT ENERGY CO
 Address: 13727 NOEL RD STE1200
 DALLKAS TX 75240+7362

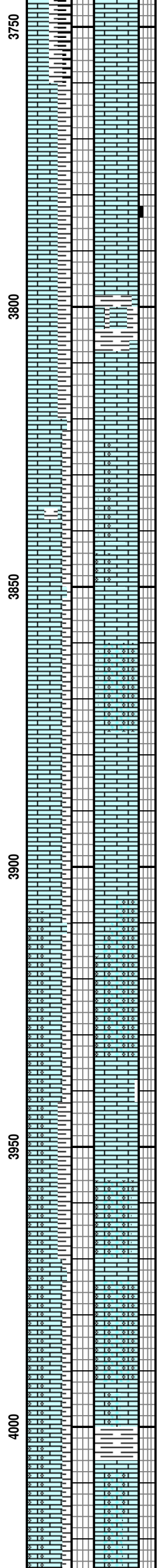
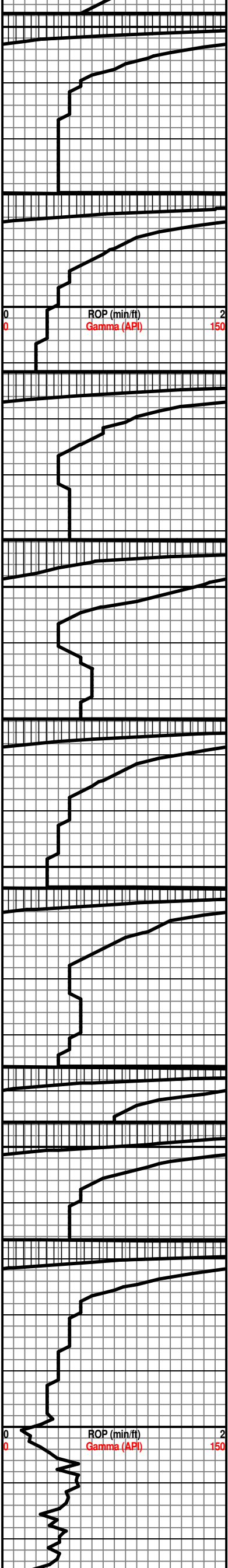
MUDLOGGER

Name: AUSTIN GARNER (620)655-2016
 Company: MBC WELL LOGGING LLC
 Address: 21156 RD 22
 MEADE, KANSAS 67864

ROCK TYPES

	Anhy		Oolitic ls -1		Sndy sh		Red sh-1
	Brec		Stgensndy-arkos		Slstst-1		Stgensndy-arkos
	Cht		New ls-1		Slty-shale		Sndy ool ls
	Coal		Carby shale		Lmy ss-1		Sndy-ls-1
	Congl		Lmy carby sh-3		Arkosic snd		Calc shale
	Shly dolomite		Carb sh		Ss		Granitewash
	Dolo new		Gyp		Grn sh strk		Ls shly-b
	New dolomite 20		Slstst		Grn mott gy sh		Poor sortd ss
	Newdolo ls 2		Salt		Lmy sh-2		Snd-ls-sh
	Ls & ooids		Sndy sh--red		Shale-1		





LS; LT TN BUFF GRNY DK BRN CARB
MATL, MFNSOC N/O

SH BLK BLKY CARB SME LT GRN

LS; GY TN GRITTY VF PELL, MFNSOC

LS; LT BUFF BRTL GRNY SME SHDW
OOL, CRM WH CHLK, N/O YEL
MFFNSOC

LS; CRM WH TO GY HD DNS XLN, TR
GY VF OOL, N/O MFNSOC

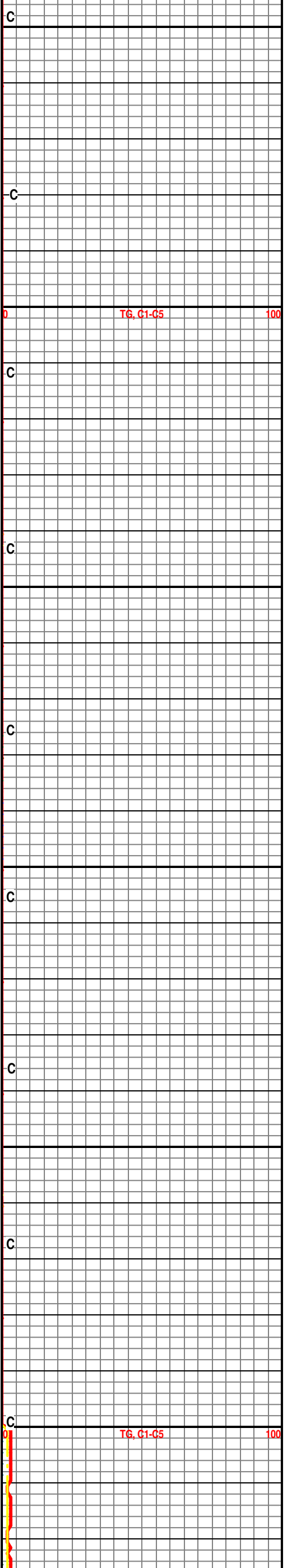
LS; WH GY HD DNS XLN, MFNSOC

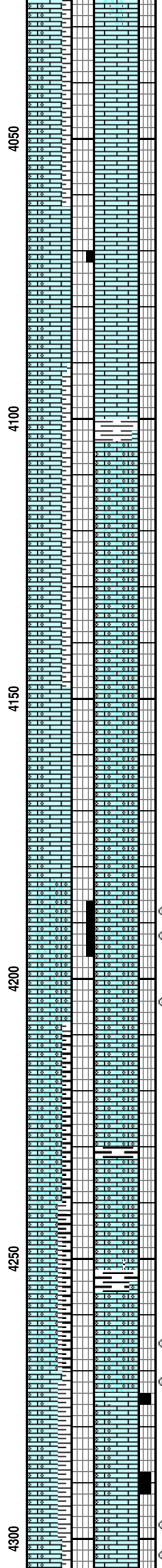
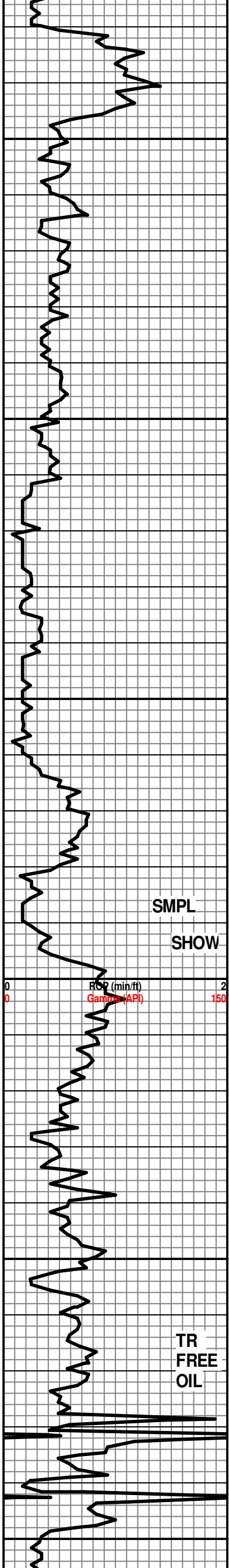
LS; LT TN BUFF SME SPAR CMTD
VF OOL, W/FOSS SHLTR, N/O MFNSOC

LS; MOTT WH CRM, FOSS FRGRTL
CHOKY TO HD DNS N/O MFNSOC

SH; GY DK GY SME SFT

LS; WH CHLKY SME VF OOL, N/O
MFNSOC





LS OFF WH CHLKY P/SRTD VF OOL & PELL, CRM WH CHLK, SPAR FRAC FILL N/O MFNSOC

LS; CMR WH WEATHD APPR, TR LT TN OOL,, OPAQ VIT CHT, N/O MFNSOC

SH DK GY BLK LMY SME GRN

LS; GY TN HD XLN SHLY, IP, OPAQ CHT, N/O MFNSOC

LS; LT TN BUFF VF OOL & FOSS SHLTR LS, CRS SILIC IMBD CRIN, N/O MFNSOC

LS; LT BUFF TN VF F OOLCAS, & OOL, ELIP HEAVY COATD, IP, SPARITIC IP, VUGGY POR, N/O DULL GOLD MFNSOC

LS; DK TN BUFF P/SRTDF VF MED OOLCAS, THIN RIM COAT, TR GAS BUBLEN/O, FLASH THIN MILKY CUT H2O WET, YEL FLOR

LS; LT TN BUFF P/SRTD VF F OOLC, SPARITIC IP, N/O, GOLD FLOR NSOC

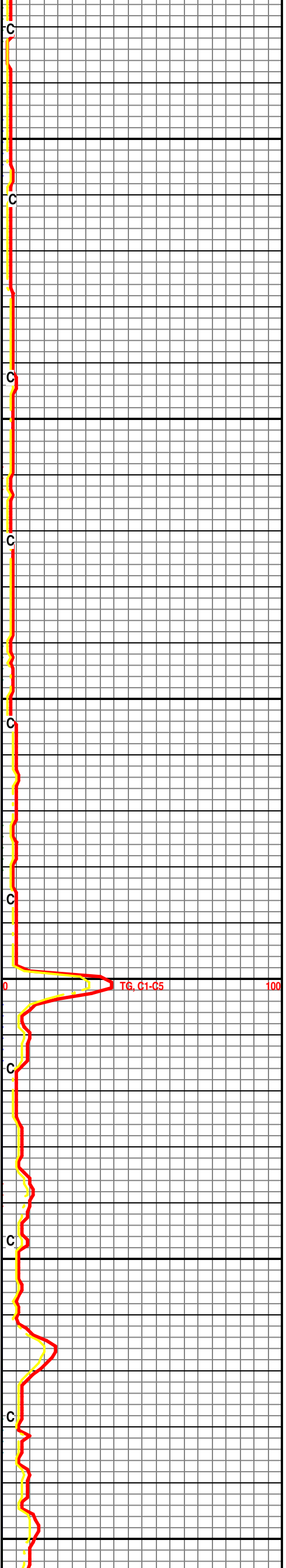
BLK CARB SH

BLK CARB SH

LS GY TN HD DNS SHLY XLN, 5% PYR, SME CHLKY, SME OOL W/DK BRN (2)OIL STNG, TR FREE OIL,,,, YEL FLOR N/O FLASH THICK STRMG H2O WET

SAMPL SHOWS
LS DIRTY GYISH TN P/SRTD HASH, INTR PART BLK TO BRN STNG, NO FREE OIL, NO, SME GAS BUBL, YEL FLOR, FLASH WET H2O THICK MILKY CUT

LS; LT BUFF VF OOL, HEAVY RIM



4430
FAINT
ODOR
TR
FREE
OIL

COATD, IP, SUCROS FOSS W/DK BRN
STNG, SME SPAR CMTD VF OOL,
INTR PAART BLK STNG, FAINT
DISAPAT ODOR, TR FREE OIL, FAINT
GOLD FLOR, FLASH MILKY STRMG
CUT, BECOMNG MILKY H2O WET

PLSNT SH 4324

LT GRN CALCITIC SH

MARMATON 4346

L;S TN WH HD DNSW XLN, GRITTY
SPARITIC, SME OOL, OCC DK BRN
STNG SPOTTED, N/O, GOLD TO YEL
FLOR, FLASH THIN MILKY CUT, 5%
PYR

SH; GY GRN SFT LMY

LS; GY TN HD DNS XLN SHLY TR
SPAR CMTD F OOL, W/IMBD PYR, NO
SHOW

LS; LT BUFF WH OOL, & OOLC, THICK
RIM COAT, DK BRN STNG, POSS
ODOR, WHEAT STRAW YEL FLOR,
FLASH CUT N/O

SAMPLE SHOW

LS; BUFF WH OOL & OOLCAS, THICK
RIM COAT, DK BRN STNG, POSS
ODOR, WHEAT STRAW YEL FLOR,
SLO THIN FLASH CUT,

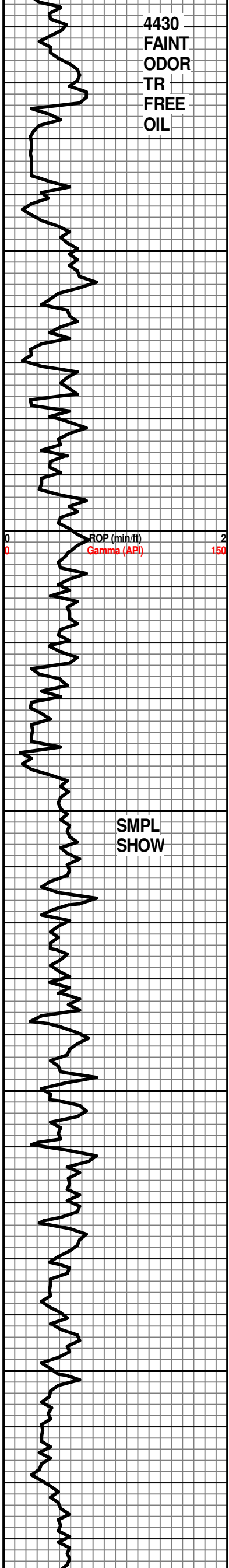
LS; WH GY TN HD DNS XLN, SME VF
OOL, TR VUG POR, MFNSOC

SH BLK CARB SME GRN

LS; TN GY HD XLN, GRITTY SME SHLY

SH; DULL DK GY GY BLK, BLKY CALC,
%5 PYR, GY CHT

LS; LT GY WH HD DNS XLN, FOSS
HASH IP,



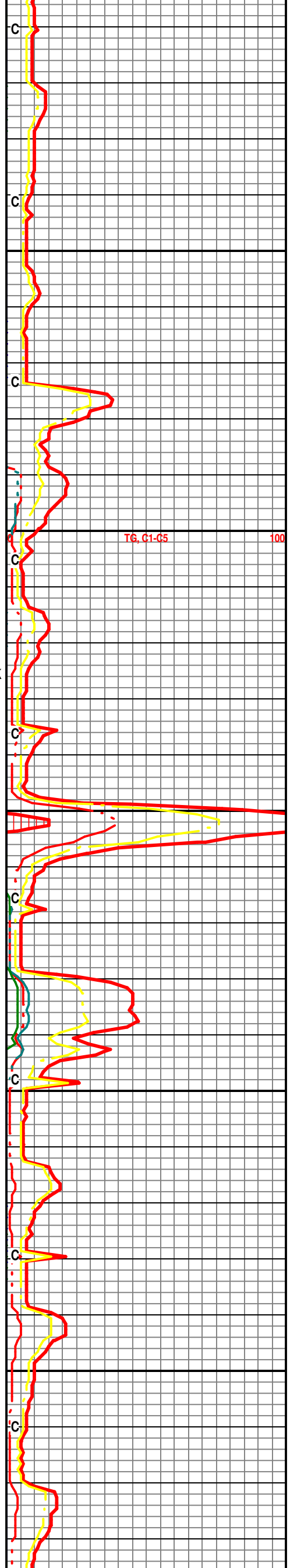
4350

4400

4450

4500

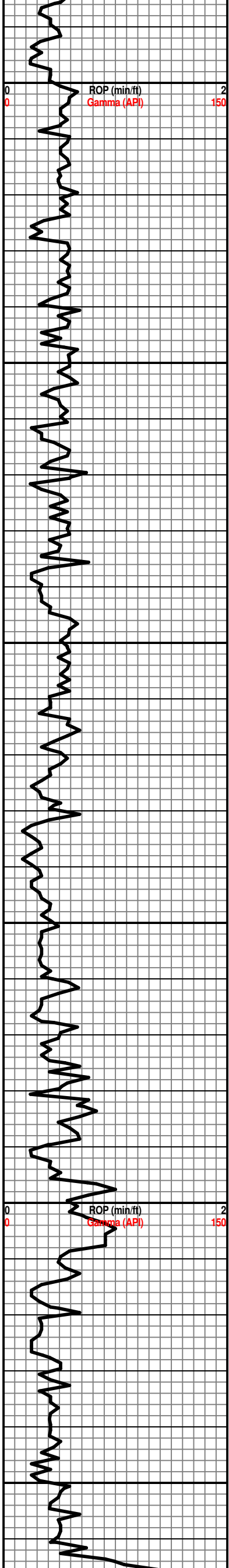
4550



TG, C1-C5

100

SMPL
SHOW



4600
4650
4700
4750
4800
4850

SH; GY BRN BRET LMY 10% MICRO
PYR,, GRDS TO GY DK GY HD SHLY
LS

SH; BLK RGH TXT TR LAM LIG, SME
PYR

LS; GYISH SHLY MARLY IMBD CRM
FOSS, INTBD BLK SH

LS; GY TN HD NDS XLN SHLY, TR TN
HD DNS CRYP XLN

LS; GYISH WH SHLY 10% PYR, BD TN
HD DNS XLN

LS; MOTT CRM GY SME W/GY PELL
BLK BLKY INTB SH

MORROW

LS; WH CRM GY TN HD TO BRTL 5%
PYR TR CHOR

LS; WH TN WEATHD APPR, GRITTY
SME MICRO FOSS, INTBD BLK BLKY
CALC SH 5% PYR

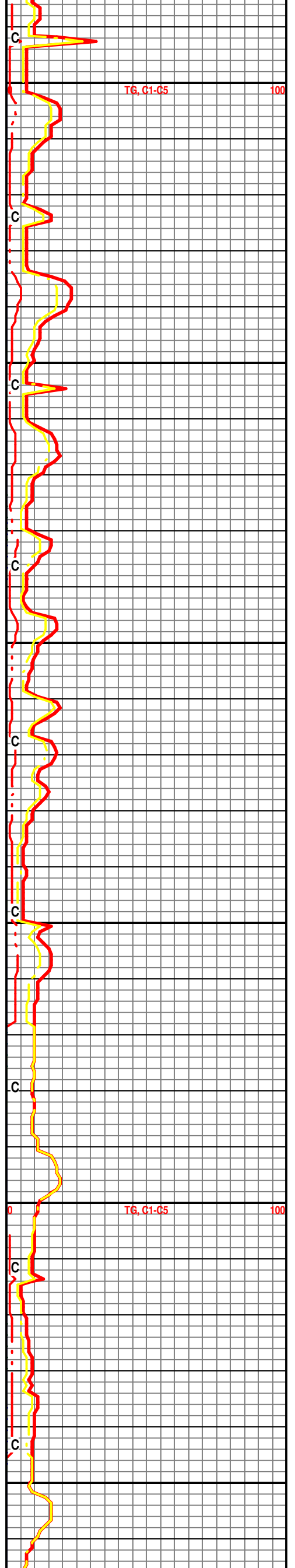
LS; TN HD MICRO FOSS W/ BLK SH
INCLUS

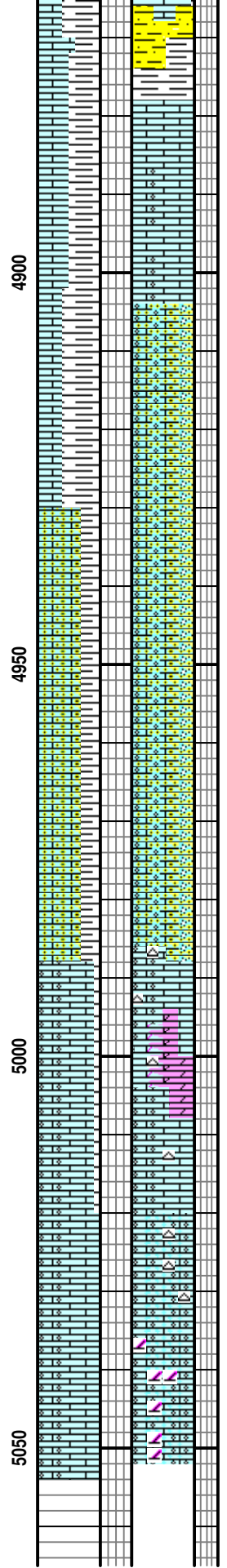
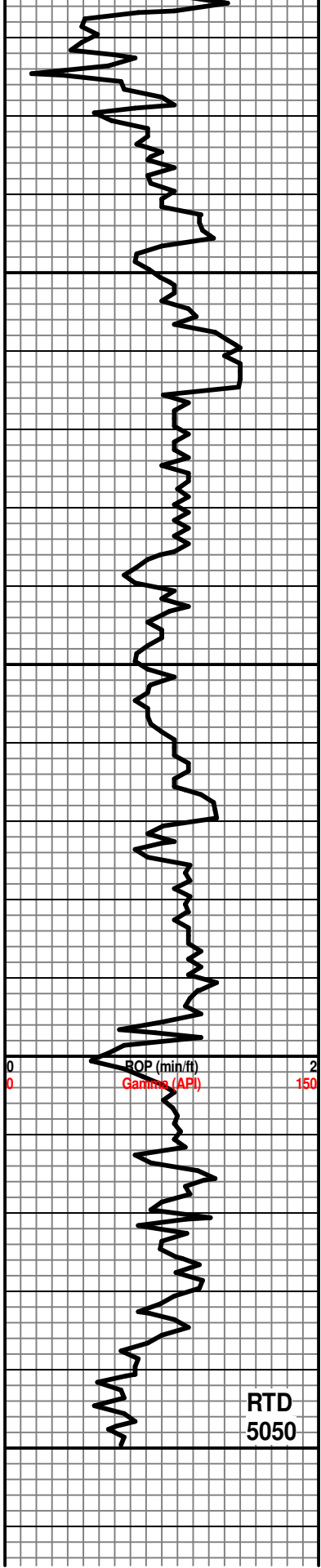
SH; GRN W/ GLAU, SFT TR GIRTTY
SNDY, MICA, SME BURNT RED SH,

SLTST; GRN HD TT VF GRCALC
INTRUS, NO SH

SME GY TN FOSS FRGMTAL LS

ST GEN 4860





GR HD DNS SLTST ABDT BLK SH
FREE PYR 210%

LS WH CHLKY SHDW OOL, NO SHOW

LS; WH CHLKY HD VF AREN, MICRO
OOL NO SHOW

LS; WH VF OOL & AREN, 5% FREE CLR
RD QTZ, CHLKY IP NO SHOW

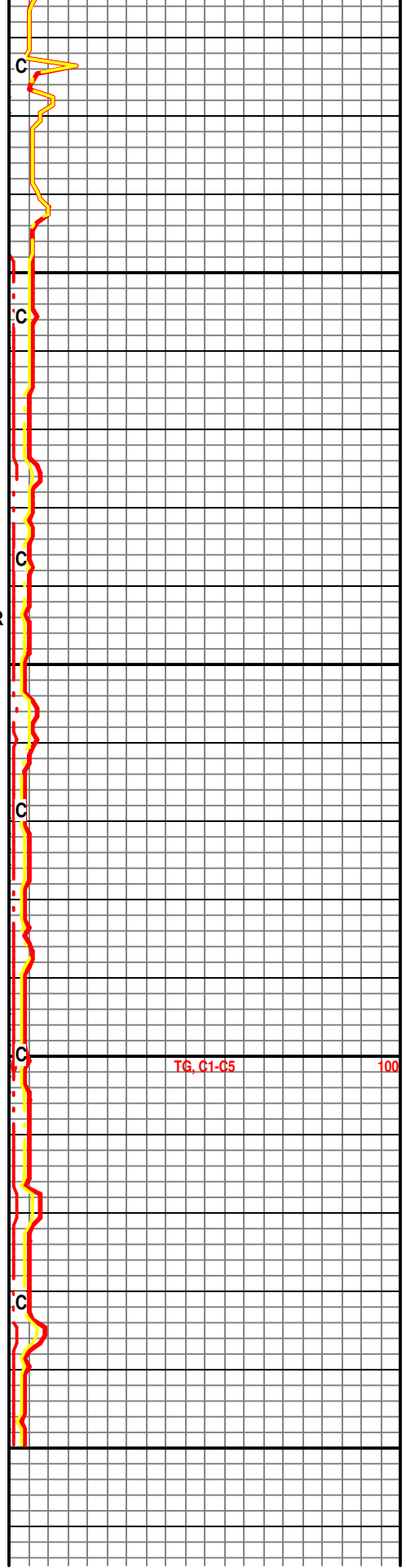
LS; WH CRM CHLKY AREN, COATED
GRNS, SME SHDW OOL, NO SHOW

CRM WH CHLKY VF SHDW OOL, WH
VIT ANG CHT, PURPL MFNSOC

LS; LT BUFF CRM TN DNS SHDW VF
OOL, CLR VIT ANG CHT, NO SHOW

TR GY TN DOLOMITIC LS, PRED WH
TNISH HD DHDW OOL, ABDT CRM WH
CHLK, NO SHOW

THANKS FOR USING
MBC WELL LOGGING
AUSTIN & MARLA GARNER





QUASAR ENERGY SERVICES, INC.

3288 FM 51
 Gainesville, Texas 76240
 Office: 940-612-3336
 Fax: 940-612-3336 | qesi@qeserve.com

Form 185-2c

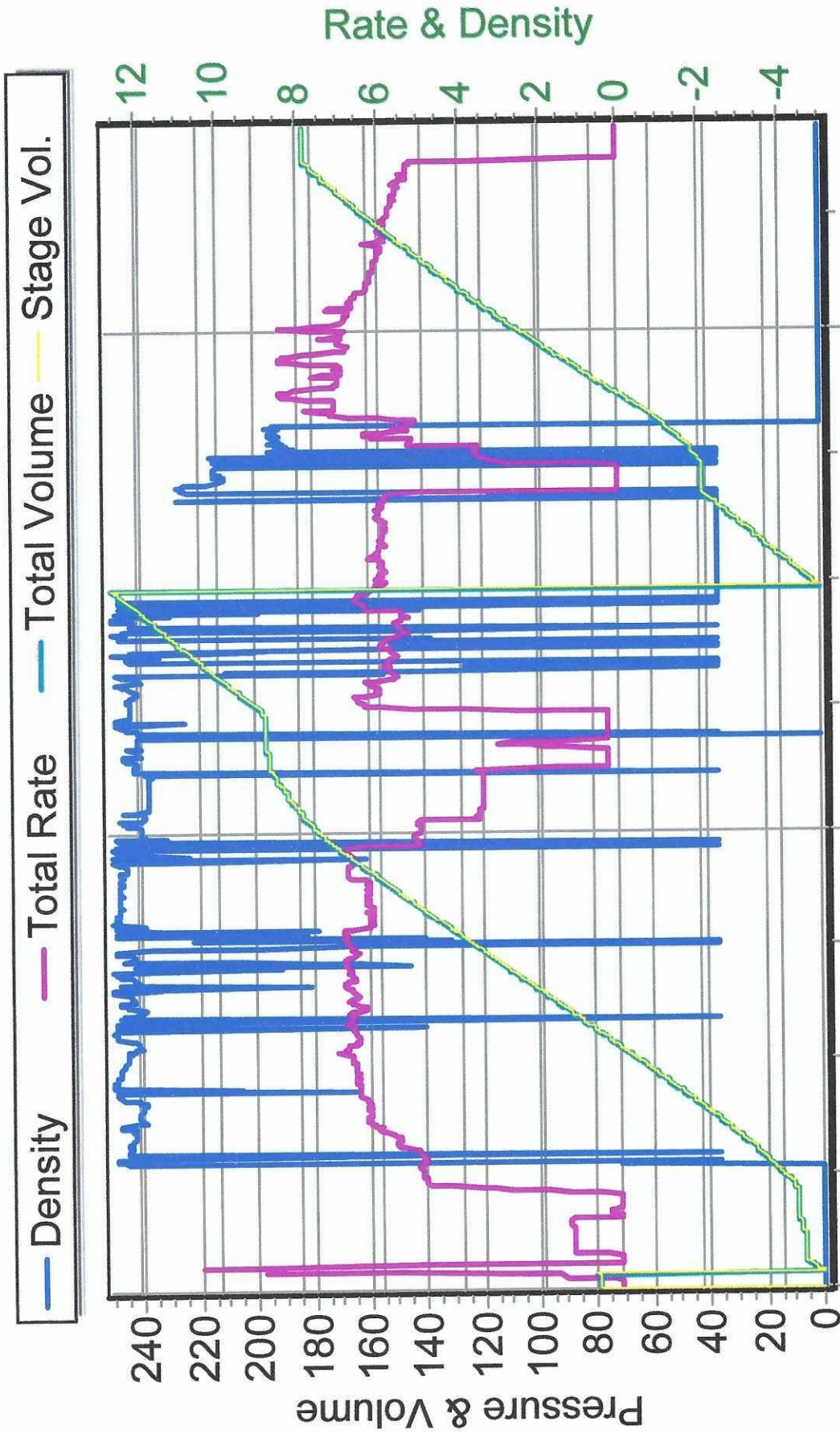
1/20/22
 CEMENTING JOB LOG

CEMENTING JOB LOG

Company: Merit Energy Company			Well Name: Carrie #15-3			
Type Job: Cement- Surface			AFE #: 69207			
CASING DATA						
Size:	8 5/8	Grade:	J-55	Weight:	24	
Casing Depths	Top:	Bottom:				
Drill Pipe:	Size:	Weight:	Packer:			
Open Hole:	Size: 12 1/4	T.D. (ft):	1840'	Perfs.:		
CEMENT DATA						
Spacer Type:						
Amt.		Sks Yield	0	ft³/sk	Density (PPG)	
LEAD:	Class A: 2%Gyp., 2%SMS., 3 Calcium Chloride, 1/4# Celloflake				Excess	
Amt.	515	Sks Yield	1251.45	ft³/sk	2.43	
TAIL:	Class A: 2% Calcium Chloride, 1/4# Celloflake				Excess	
Amt.	165	Sks Yield	196.35	ft³/sk	1.19	
WATER:						
Lead:	515	gals/sk:	14.25	Tail:	165	
		gals/sk:	5.2	Total (bbls):	195.2	
Pump Trucks Used:	110, DP07					
Bulk Equipment:	229, 660-23					
Disp. Fluid Type:	Water (Supplied)	Amt. (Bbls.)	111	Weight (PPG):	8.33	
COMPANY REPRESENTATIVE: Rodney			CEMENTER: Daniel Beck			
TIME	PRESSURES PSI			FLUID PUMPED DATA		REMARKS
AM/PM	Casing	Tubing	ANNULUS	TOTAL	RATE	
19:00						ON LOCATION & SAFETY MEETING
18:15						RIG UP & WAIT
22:45						RIG TO CIRCULATE
23:30						RIG TO PT
23:35						PRESSURE TEST TO 1500PSI
23:41	230			222.8slurry	5.0	PUMP 515SX LEAD @ 12.0#
				34.9slurry		PUMP 165SX TAIL @ 15.6#
						SHUTDOWN / DROP PLUG
	510			60	6.0	DISPLACE / CEMENT TO SURFACE
	650			70	5.8	
	640			80	5.5	
	640			90	5.4	
	650			100	5.4	
	650			103	5.2	
	650			110	5.2	
0:58	650			113.6	5.2	LAND PLUG / PRESSURE UP TO PSI
1:00						RELEASE BACK --- FLOAT HELD
						JOB COMPLETE
Company: Merit Energy Company			Well Name: Carrie #15-3			
Type Job: Cement- Surface			AFE #: 69207			
Date:	1/20/2022	CEMENTING JOB LOG		QUASAR ENERGY SERVICES, INC. 185-2		

*4388 bbls to pit
Cement*

Merit Energy Company Carrie #15-3



20/2022 11:33:01 PM 1/21/2022 12:07:13 AM 1/21/2022 12:44:30 AM

MERIT ENERGY CARRIE 15-3 5 1/2

— Pressure 1 — Total Rate — Density

