

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 Recompletion Date _____ 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)</i> <i>(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	SHELL B 9
Doc ID	1600079

All Electric Logs Run

BOREHOLE PROFILE LOG
COMPENSATED NEUTRON LITHO DENSITY MICRO ELECTRIC LOG
COMPENSATED SONIC LOG
COMPOSITE LOG
INDUCTION ARRAY LOG
MICRO ELECTRIC LOG

Form	ACO1 - Well Completion
Operator	Merit Energy Company, LLC
Well Name	SHELL B 9
Doc ID	1600079

Tops

Name	Top	Datum
HEEBNER	3747	.
TORONTO	3776	.
LANSING	3851	.
LANSING C	3901	.
LANSING F	3952	.
LANSING G/DRUM	3994	.
LANSING H	4020	.
SWOPE	4119	.
HERTHA	4163	.
ALTAMONT	4310	.
PAWNEE	4364	.
FT SCOTT	4388	.
CHEROKEE	4411	.
ATOKA	4528	.
MORROW	4617	.
ST GENEVIEVE	4675	.

MBC WELL LOGGING LLC

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

Well Name: SHELL B9 17-T2S R34-W MERIT ENERGY
 Well Id: API 15-055-22541-0-0 AFE 68005
 Location: FINNEY COUNTY, KANSAS USA
 License Number: 32446
 Spud Date: 7-26-21
 Surface Coordinates: NE/NE/SW/NW/ 1439 fnl 1131fwl Sec 17-t22-r34
 DUKE RIG 9, EMIGDIO ROJOAAS TP RODNEY GONZALES CO MAN
 Region: WILDCAT
 Drilling Completed:
 Bottom Hole Coordinates:
 Ground Elevation (ft): 2971 K.B. Elevation (ft): 2983
 Logged Interval (ft): 3700 To: 5025 Total Depth (ft): Elog 4818
 Formation: RTD ST LOUIS
 Type of Drilling Fluid: MUDCO Tony Mastas CELL

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

OPERATOR

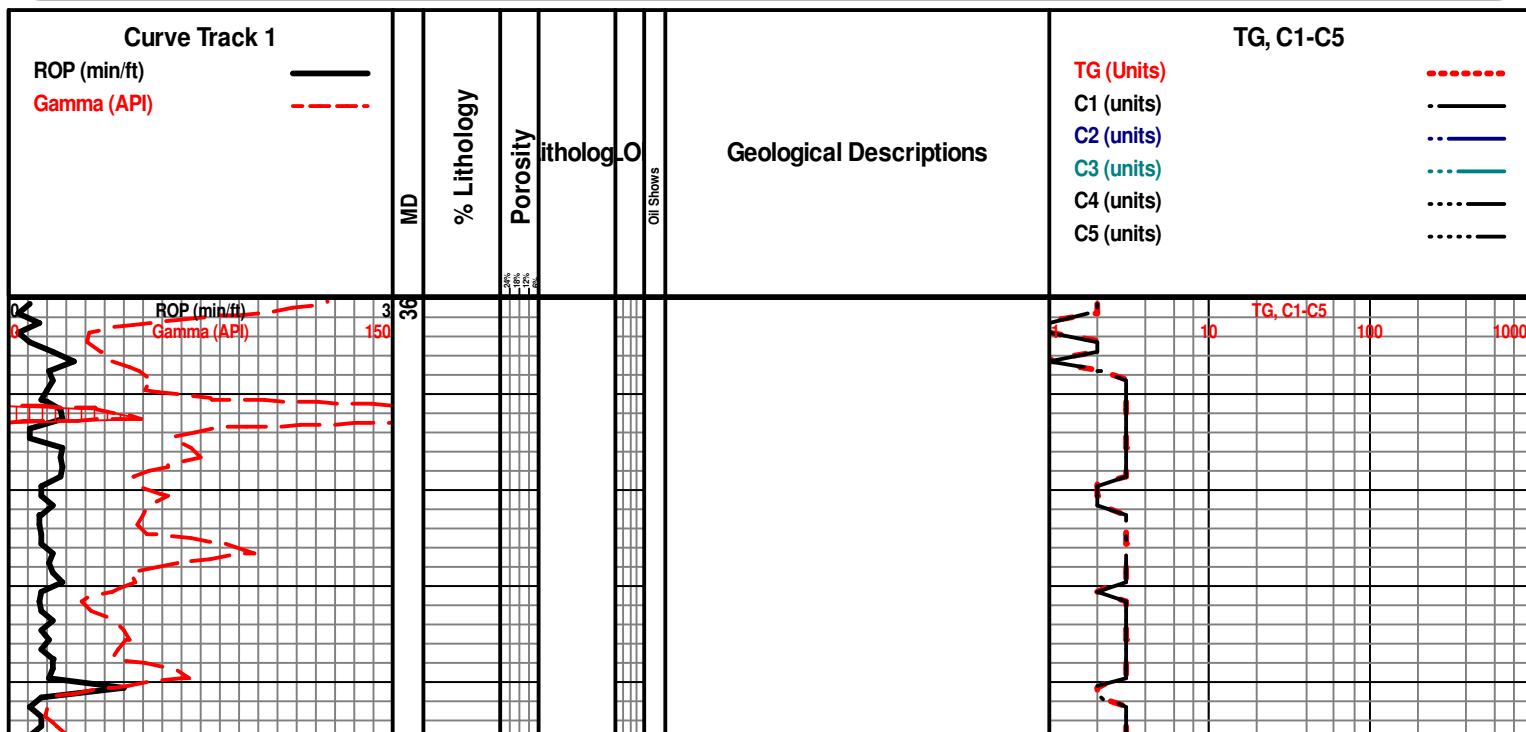
Company: MERIT ENERGY COMPANY LLC
 Address: ATTN: MARTIN LANGE
 13727 NOEL RD STE 1200
 DALLAS, TEXAS 75240-7362

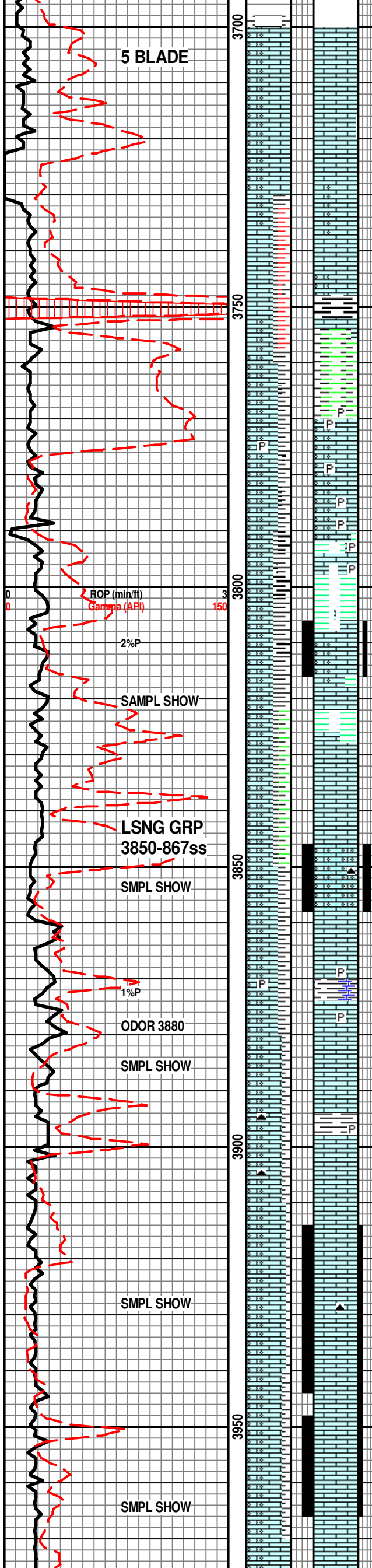
MUDLOGGER

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		Sltly-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		





MERIT ENERGY SHELL B-9
 85/8 SFC CSG @1798, DRLG W/#2 BIT SMITH PDC MDI516, 5-16's JETS, MBC RIGGED UP M9 2600ft+,
 SHORT TRIP TO SHOE 3722ft

LS; GYTN HD DNS SHLY XLN FOSS TO OFF WH BUFF S-CHLKY SME SPAR FOSS PCES, SME VF BLK PELL, LAM CRM CHLK, SME BLK MED GY PELL, NO SHOW

HEEBER 3747-764ss
 TR CARB SH SME GRN SMO W/10% PYR
 LS; GY RGH SLTY SHLY FOSS PCES,

LS; WH SFT V F OOL, CHLKY, RGH TXT, FOSS TUBES, CHLKY-OOL, N/O PURPL FLOR NSOC N/O

TORONTO 3775-792ss
 SH; DK GY BLK SPLNTY MICRO AREN, W/4%PYR,
 SH; LT GRNISH GRN,-GY, SFT CALC, SME FOSS, 4-5%PYR,

LANSING 3806-823ss
 LS; CRM WH, WH VF F OOL, CHLKY, CRM CHLKY W/WEAK GOLD FLOR, SME BRITE YEL, N/O. (1) PCE DRY FLASH MILKY CUTGOLD SLI GRN RIG CUT

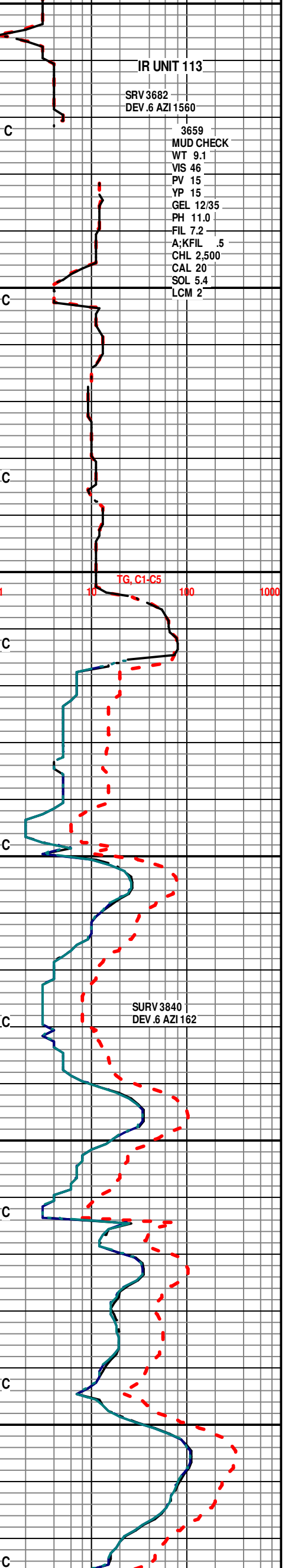
LS; BUFF CRM TO OFF WHY CRM RGH TXT, HD SHDW VF F OOL,, MICRO QTZ IP, SME SILIC SHELL FRGS IMB D, MED YEL FLOR, PRED DULL GOLD, N/O, TR GAS BUBLES NO VIS POR, SLO MED STRMG BECMG MILKY YEL SLI GRN TINT RING CUT

LS BUFF HD DNS SHDW F OOL, VF SUCROSIC OOHDS, GRITTY TR PYR V/FAINT ODOR, YEL W/LT GRN TINT FLOR, SLO THIN STRMG CUT BECMG MILKY

LNSG C 3900-917ss
 LS; OFF WH BUFF HD DNS TO BRTL TR PYR NO SHOW

LS; CRM BUFF VF F OOL, HEAVY COATED, FOSS SHLTR, IMBD MILKY WH ANG CHT, , FAINT ODOR, SCATT BRN PP STNG, TR SPLTCHY, FLASH STRMG MILKY CUT

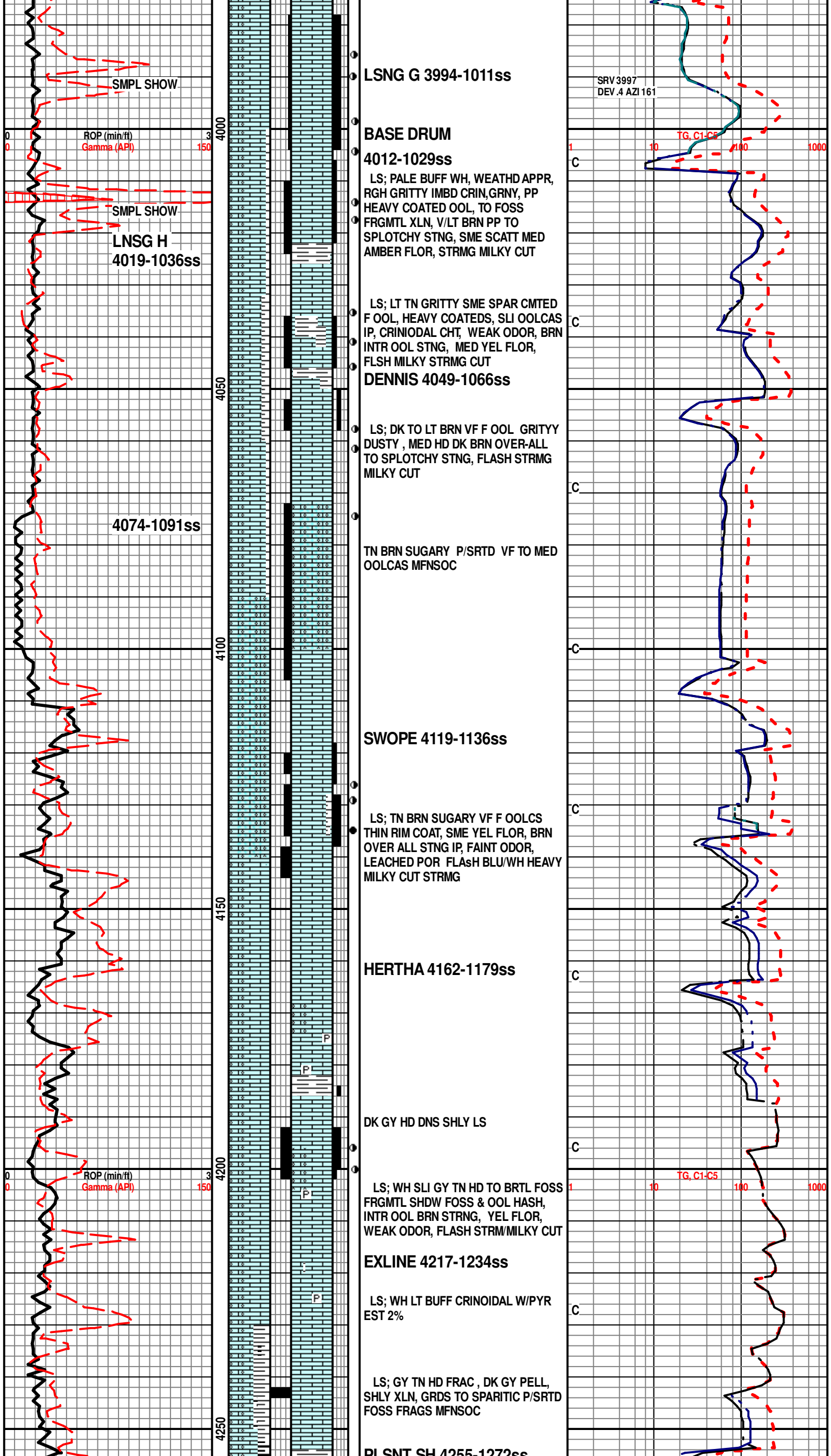
LNSG F 3952-969ss
 LS BUFF OPAQ CRM, VF F OOLCAS, SPARRY IP, CHT REPLCD FOSS, V/FAINT ODOR SME OVER-ALL BRN STNG, SME SPLTCHY, FLASH STRMG HEAVY MILKY CUT



IR UNIT 113
 SRV 3682
 DEV.6 AZI 1560
 3659
 MUD CHECK
 WT 9.1
 VIS 46
 PV 15
 YP 15
 GEL 12/35
 PH 11.0
 FIL 7.2
 A;KFIL .5
 CHL 2,500
 CAL 20
 SOL 5.4
 LCM 2

TG, C1-C5

SURV 3840
 DEV.6 AZI 162



SRV 3997
DEV. 4 AZI 161

SMPL SHOW

LSNG G 3994-1011ss

ROP (min/ft)
Gamma (API)

BASE DRUM

4012-1029ss

LS; PALE BUFF WH, WEATHD APPR, RGH GRITTY IMBD CRIN, GRNY, PP HEAVY COATED OOL, TO FOSS FRGRTL XLN, V/LT BRN PP TO SPLITCHY STNG, SME SCATT MED AMBER FLOR, STRMG MILKY CUT

SMPL SHOW

LSNG H
4019-1036ss

LS; LT TN GRITTY SME SPAR CMTED F OOL, HEAVY COATEDS, SLI OOLCAS IP, CRINODAL CHT, WEAK ODOR, BRN INTR OOL STNG, MED YEL FLOR, FLSH MILKY STRMG CUT

DENNIS 4049-1066ss

LS; DK TO LT BRN VF F OOL GRITTY DUSTY, MED HD DK BRN OVER-ALL TO SPLITCHY STNG, FLASH STRMG MILKY CUT

4074-1091ss

TN BRN SUGARY P/SRTD VF TO MED OOLCAS MFNSOC

SWOPE 4119-1136ss

LS; TN BRN SUGARY VF F OOLCS THIN RIM COAT, SME YEL FLOR, BRN OVER ALL STNG IP, FAINT ODOR, LEACHED POR FLAsH BLU/WH HEAVY MILKY CUT STRMG

HERTHA 4162-1179ss

DK GY HD DNS SHLY LS

LS; WH SLI GY TN HD TO BRTL FOSS FRGRTL SHDW FOSS & OOL HASH, INTR OOL BRN STRNG, YEL FLOR, WEAK ODOR, FLASH STRM/MILKY CUT

EXLINE 4217-1234ss

LS; WH LT BUFF CRINOIDAL W/PYR EST 2%

LS; GY TN HD FRAC, DK GY PELL, SHLY XLN, GRDS TO SPARITIC P/SRTD FOSS FRAGS MFNSOC

DI SNT SH 4255-1272ss

TG, C1-C5

TG, C1-C5

PLSNT SH 4255-1272SS
SH, SME BLK W/PYR CLSTRS TO
LT GYISH GRN VF PYR, SLTY, SME
W/LM MATRIX MICRO QTZ 2%+ PYR

MARM 4267-1284ss

ALMTM 4309-1326ss

LS; GY TN SPAR CMT W/COMGLD
CHLK CMT F-OOL, HEAVY RIM COAT,
TR OOLCAS, FREE MED OVAL GRITTY
OOIDS, SME CHTY, TR PYR, INTR OOL
STNG, YEL TO GOLD FLOR, FAINT
ODOR, FLASH MED MILKY STRMG CUT

LS; GY TN HD XLN SHDW OOOL &
FOSS, YEA PURPL MIN FLOR NSOC
NO

SH DK GY GY CALC TR RUST RED
W/GY LS SHLY NOD

PAWNEE 4364-1381ss

LS; OFF WH CHLK/SPARRY VF F OOL
& FOSS HASH, DISAP.ODOR, INTR
PART BRN STNG, YEL FLOR, SLO THIN
MILKY CUT ON H2O WET PCES, TR PP
DK BRN FRE OIL AFTR 2HRS, FLASH
CUT ON PCE
BANDERA SH

SH DK GY BLKY LMY

LS; GYISH TN, SPARTIC HD FOSS
FRAC TO HD WEATHD AAPPR SPARRY
VF FOSS & PELL, IP, 1% PYR,
WEATHD BUFF GRITTY MICRO
SUCROSIC W/SHDW VF OOL & OOLC,
SME INTR PARTCL STNG, LT YEL
FLOR, FLASH MED MILY STRMG CUT

CHEROKEE 4411-1428ss

LS GYISH TN LT TN HD FLAKY FRAC
XLN

SH; BLK DK GY BLKY CALC, CARBY
SCATT PYR INTBD BRN GY HD DNS LS

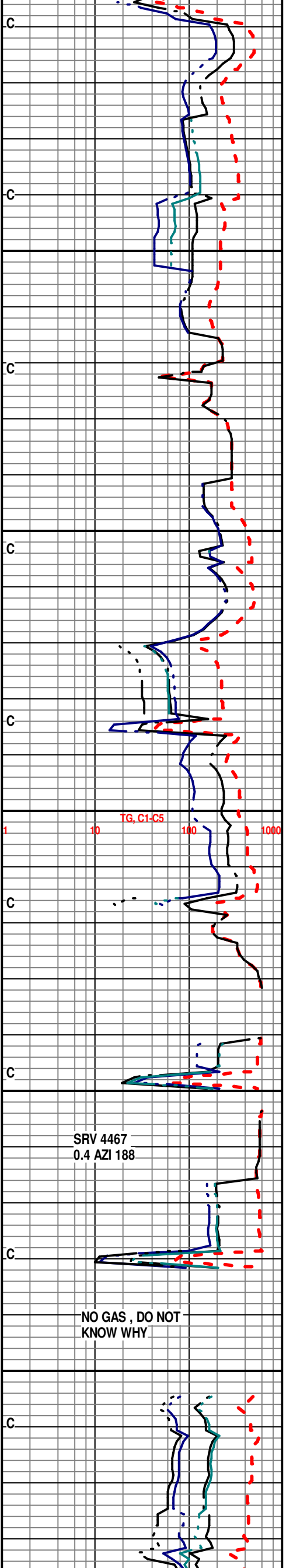
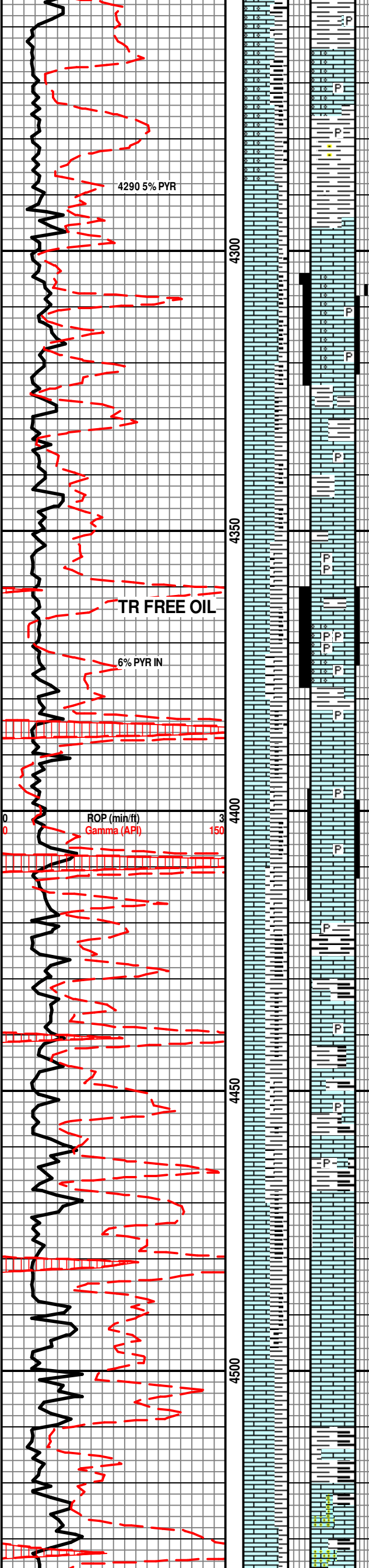
SH DK GY DULL BLKY

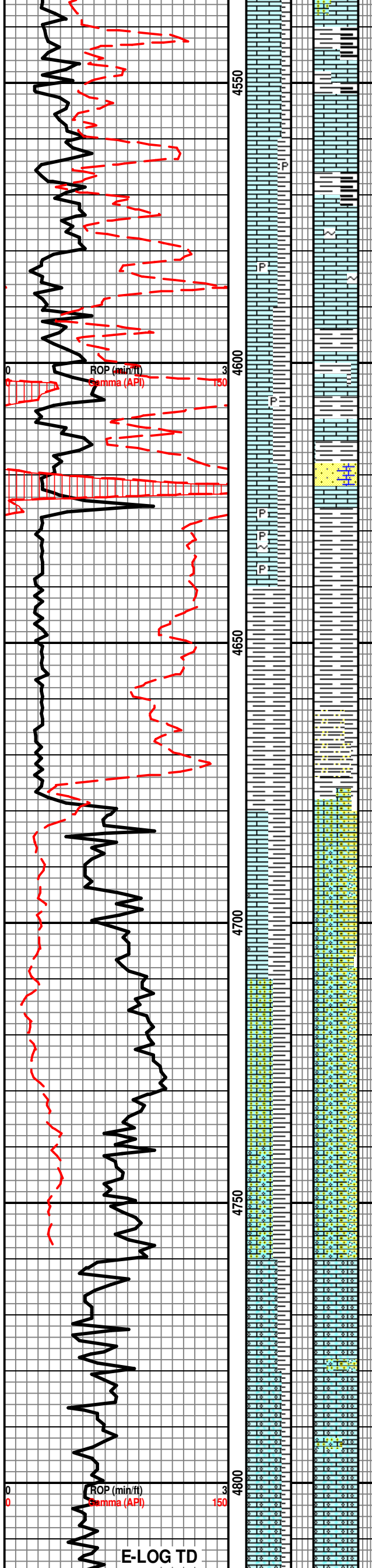
LS ; LT TN HD XLN TO GY - GY TN
FRAC IP

LS; FOSS HASH W/SME MICRO
OOL, FRAC SPAR REPLCD TAB
CORAL, SME SILIC FOSS REPLC, SME
GY PELL, POSS ODOR--ALL STINK--
DK AMBER TO MED YEL FLOR, NO VIS
STNG, NO CUT

DULL DK GY TO BLK CAREBY SH

LS; LT GY TN HD DNS SHLY TO HD
SHLY LT GY VF AREN NO SHOW





ATKN GRP 4528-1545ss

SH; BLK CARBY IP MICA

LS; GYISH TN FOSS FRGRTL, CHLK EDGS, IP, SCATT BLK PELL, IP, STINKY DOG ODOR, PURPL MFNSOC

LS; DIRTY GY BRTL S CHLKY TO XLN, FOSS FRGS, SHLY, GLAU & CHOR, SCATT PYR, DLK FLOR NSOC

LS; LT GY GY BRN, SHLY SPARITIC FOSS IP,

ABOUT 10% PYR

MORROW 4617-1634ss

TR SS GY MED GY HD TT VF GR -NON CALC, NFSOC

SH; GY DK GY SMO, SME GRNS, SME CARBY PYR TO SFT W/CARB MATL

SH; GY V/DK GY BLKY FRM RGH SLTY TRACE- FOSS REPLC W/ GYP

ST GEN 4675-1692ss

ST LOUIS 4688-1705ss

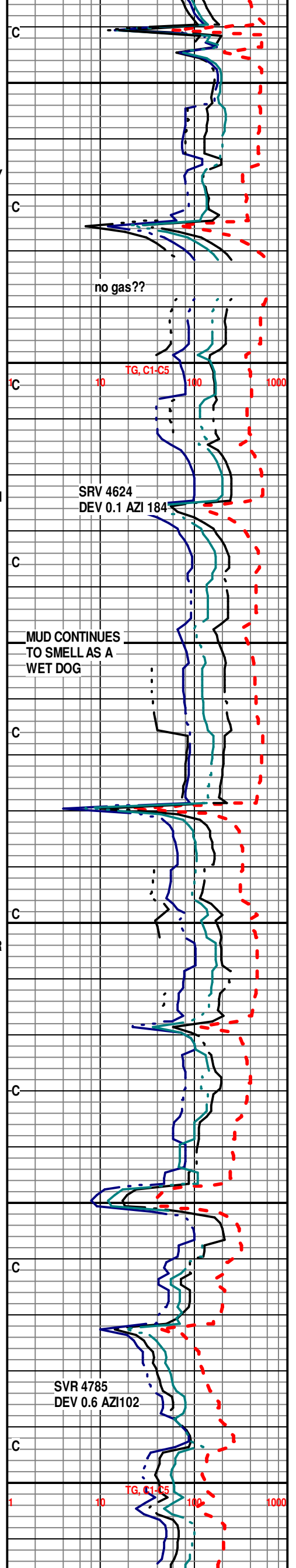
LS; SME OFF WH WH AREN, ABDT CRM WH CHLKY TR ORNG CHT, TR V/LT GRN SHLY AREN W/OOL, DOG ODOR, NO VIS STNG, DK AMBER FLOR NSOC

LS; WH OFF WH AREN CHLKY SME OOL, MFNSOC

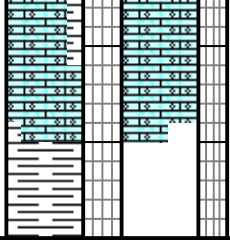
LS; WH CRM CHLKY IP, VF OOL, TR SNDY, PURPL MFNSOC

LS; CRM WH SLI TN VF SHDW OOL, PURPL MFNSOC

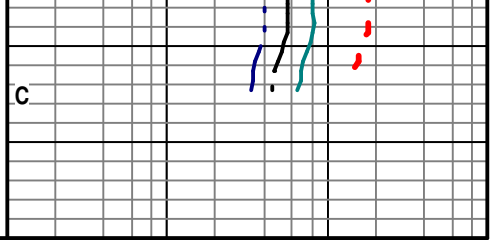
LS OFF WH BUFF OOL, CRM CHLK, TR WHITISH AREN DK PURPL MFNSOC



4818
EST FILL
cfs >
RTD 4825



THANKS FOR USING
MBC WELL LOGGING
AUSTIN & MARLA GARNER



C



QUASAR ENERGY SERVICES, INC.

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

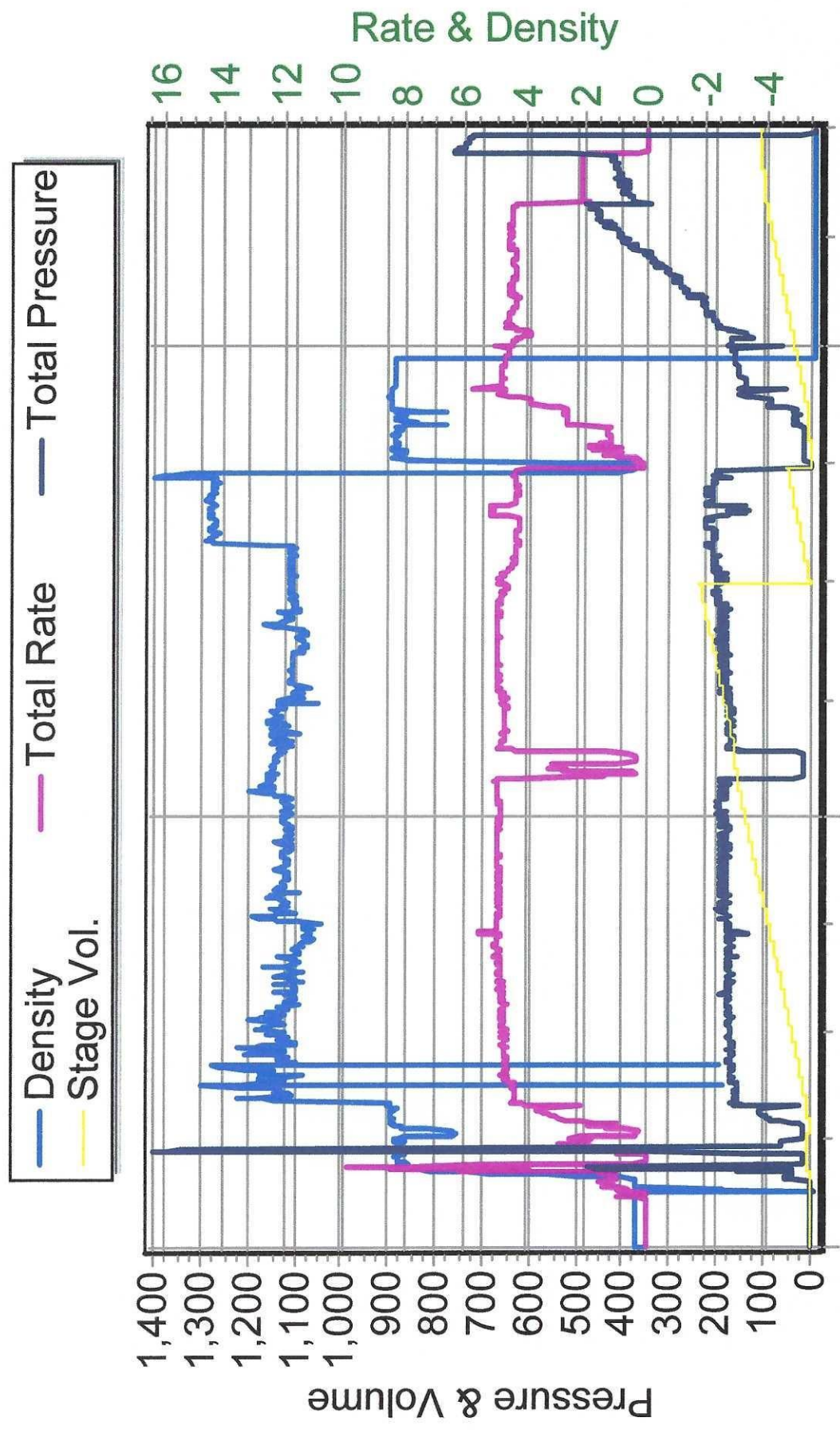
Form 185-2c

7/27/21
 CEMENTING JOB LOG

CEMENTING JOB LOG

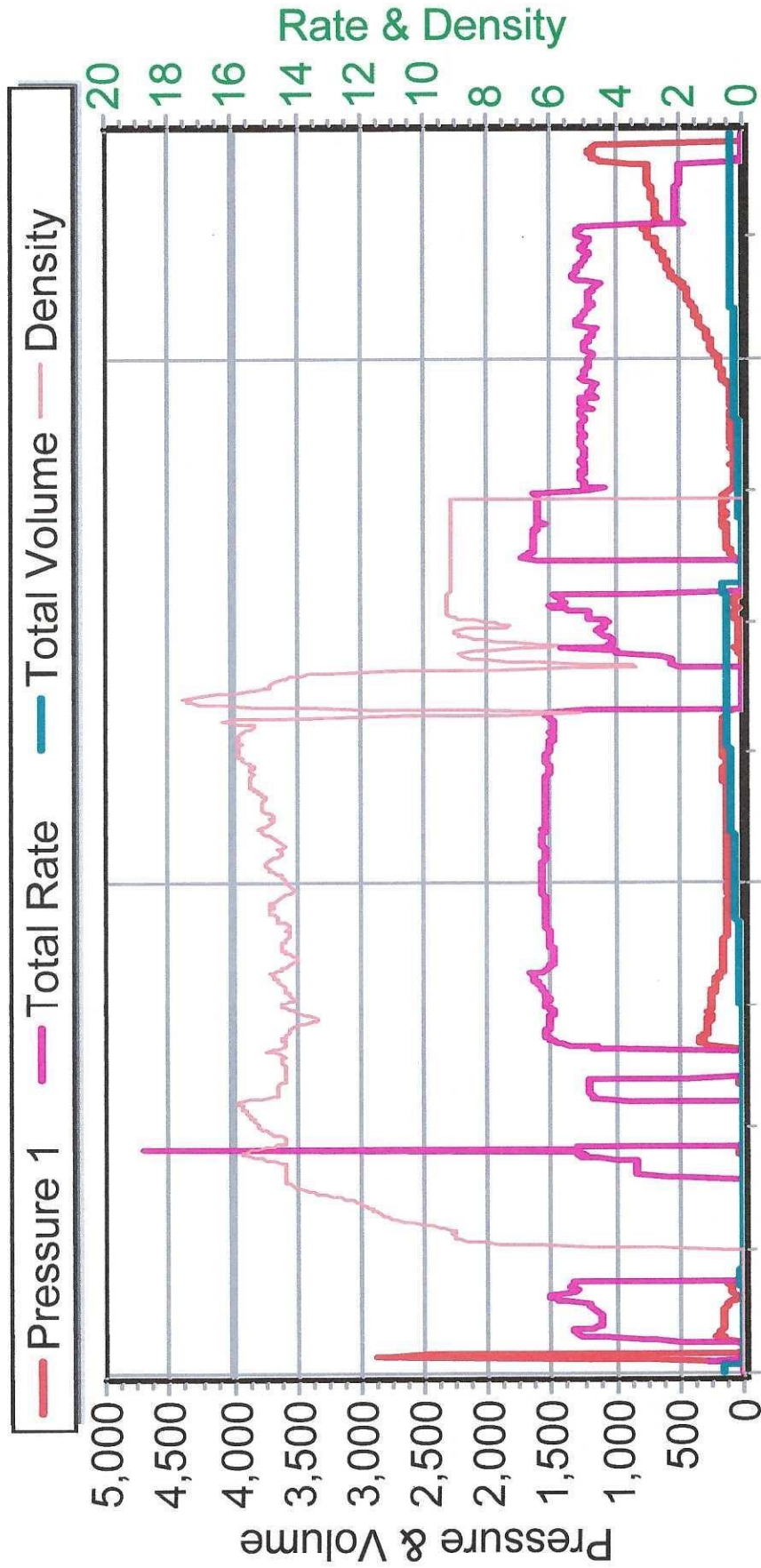
Company: Merit Energy Company				Well Name: Shell B-9			
Type Job: Cement- Surface				AFE #: 68005			
CASING DATA							
Size: 8 5/8		Grade: J-55		Weight: 24			
Casing Depths		Top:		Bottom:			
Drill Pipe:		Size:		Weight:			
Open Hole:		Size: 12 1/4		T.D. (ft):			
CEMENT DATA							
Spacer Type:							
Amt.		Sks Yield	0	ft³/sk		Density (PPG)	
LEAD:		Class C: 2% Gyp, 2% SMS, 3% Calcium Chloride, 1/4# Celloflake				Excess	
Amt.	515	Sks Yield	1246.3	ft³/sk	2.42	Density (PPG)	12.12
TAIL:		Class C: 2% Calcium Chloride, 1/4# Celloflake				Excess	
Amt.	165	Sks Yield	219.45	ft³/sk	1.33	Density (PPG)	14.95
WATER:							
Lead:	515	gals/sk:	14.25	Tail:	165	gals/sk:	6.3
						Total (bbls):	199.5
Pump Trucks Used:		04, DP03					
Bulk Equipment:		228, 660-20 / 230, 660-24					
Disp. Fluid Type:		Water (Supplied)		Amt. (Bbls.)	111.1	Weight (PPG):	8.33
COMPANY REPRESENTATIVE: Rodney				CEMENTER: Daniel Beck			
TIME	PRESSURES PSI			FLUID PUMPED DATA		REMARKS	
AM/PM	Casing	Tubing	ANNULUS	TOTAL	RATE		
21:30						ON LOCATION & SAFETY MEETING	
3:02						RIG TO CIRCULATE / WAIT ON WATER	
4:45						RIG TO PT	
4:48						PRESSURE TEST TO 1500PSI	
4:52	180			221.9slurry	4.7	PUMP 515SX LEAD @ 12.1#	
5:44	200			39.0slurry	4.8	PUMP 165SX TAIL @ 14.9#	
5:55						SHUTDOWN / DROP PLUG	
5:57	100			10	4.5	DISPLACE W/ 111.1BBL	
	130			20	4.7		
	160			30	4.7		
	190			40	4.7		
	220			50	4.5		
	280			60	4.5		
	320			70	4.4	CEMENT TO SURFACE	
	400			80	4.6		
	460			90	4.5		
6:21	480			101	4.4	SLOW RATE TO 2.0BPM @ 380PSI	
6:25	420			111.1	2.1	LAND PLUG / PRESSURE UP TO 760PSI	
6:27						RELEASE BACK --- FLOAT HELD	
						JOB COMPLETE	
Company: Merit Energy Company				Well Name: Shell B-9			
Type Job: Cement- Surface				AFE #: 68005			
Date: 7/27/2021		CEMENTING JOB LOG		QUASAR ENERGY SERVICES, INC. 185-2			

Merit Energy Company Shell B-9



7/28/2021 5:32:52 AM 7/28/2021 6:14:05 AM 7/28/2021 6:58:57 AM

MERIT ENERGY COMPANY
SHELL B-9
5.5" PRODUCTION
07/31/2021



7/31/2021 12:02:17 PM 7/31/2021 12:30:37 PM 7/31/2021 1:00:45 PM

