

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](mailto: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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# SUNBURST CONSULTING



A G E O L O G Y S E R V I C E

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

Well Name: Josephine Mack #18-1  
Well Id: 15-199-20458  
Location: E2 SW NW NE Sec. 18, T15S-R40W Wallace County, Kansas  
License Number: 35798  
Spud Date: 30 MAY 24  
Surface Coordinates: 990' fnl, 2300' fel  
Region: Hugoton Embayment  
Drilling Completed: 5 JUN 24

Bottom Hole  
Coordinates:  
Ground Elevation (ft): 3919'                      K.B. Elevation (ft): 3932'  
Logged Interval (ft): 650'                      To: 5300'                      Total Depth (ft): 5300'  
Formation: Cretaceous to Mississippian  
Type of Drilling Fluid: Freshwater Chemical

Printed by MudLog from WellSight Systems 1-800-447-1534 [www.WellSight.com](http://www.WellSight.com)

## OPERATOR

Company: Plateau Operating Corporation  
Address: 110 McArthur Court  
Nashville, Tennessee 37220

## GEOLOGIST

Name: Peter Vollmer WPG #3369  
Company: Sunburst Consulting, Inc.  
Address: 1645 Avenue D Suite E  
Billings, Montana 59102  
406-259-4124

## SURVEYS

## DSTs

## Comments

### ROCK TYPES

- Anhy
- Bent
- Brec
- Cht
- Clyst
- Coal
- Congl

- Dol
- Gyp
- Igne
- Lmst
- Meta
- Mrlst
- Salt

- Sh red-brown
- Sh green
- Sh gray-red
- Sh dk-gray
- Sh gray
- Sh blk-brn
- Shale

- Shcol
- Shgy
- Sltst
- Ss
- Till
- Sltst gy
- Sh orgn

### ACCESSORIES

#### MINERAL

- Anhy
- Arggrn
- Arg
- Bent
- Bit
- Brecfrag
- Calc
- Carb
- Chtdk
- Chtlt
- Dol
- Feldspar
- Ferrpel
- Ferr
- Glau
- Gyp
- Hvymin
- Kaol
- Marl

- Minxl
- Nodule
- Phos
- Pyr
- Salt
- Sandy
- Silt
- Sil
- Sulphur
- Tuff

#### FOSSIL

- Algae
- Amph
- Belm
- Bioclst
- Brach
- Bryozoa
- Cephal
- Coral

- Crin
- Echin
- Fish
- Foram
- Fossil
- Gastro
- Oolite
- Ostra
- Pelec
- Pellet
- Pisolite
- Plant
- Strom

#### STRINGER

- Lsstrg
- Anhy
- Arg
- Bent
- Coal

- Dol
- Gyp
- Ls
- Mrst
- Sltstrg
- Ssstrg

#### TEXTURE

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

### OTHER SYMBOLS

#### POROSITY

- Earthy
- Fenest
- Fracture
- Inter
- Moldic
- Organic
- Pinpoint
- Vuggy
- Sh orgn

- Sltst gy
- Sh orgn
- Lsstrg

#### SORTING

- Well
- Moderate
- Poor

#### ROUNDING

- Rounded
- Subrnd
- Subang
- Angular

#### OIL SHOW

- Even
- Spotted
- Ques

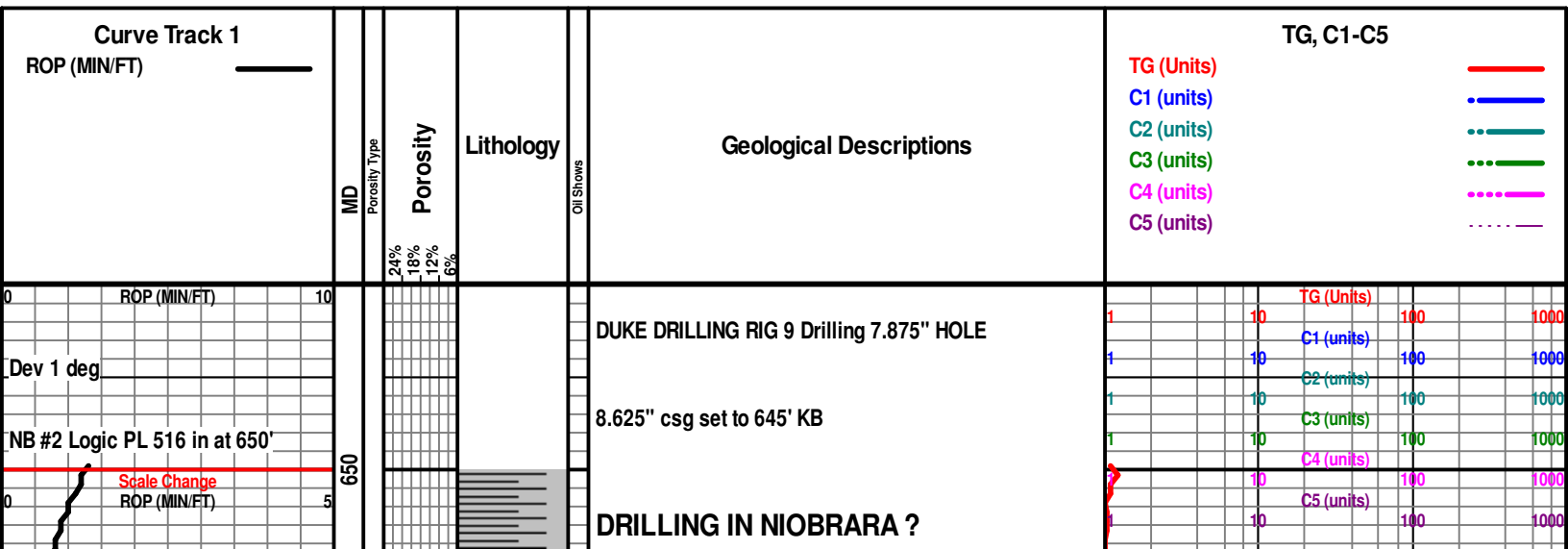
- Dead

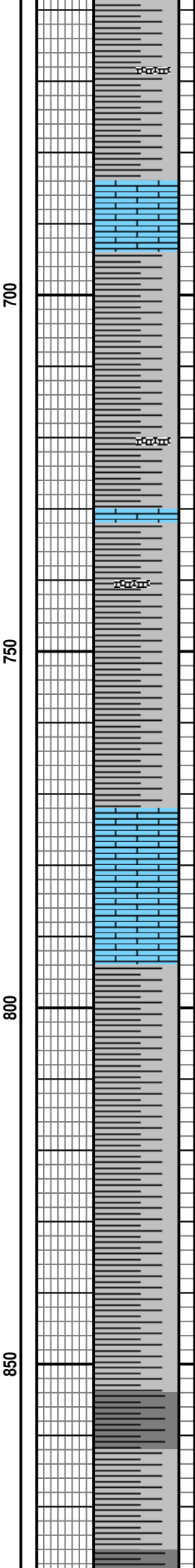
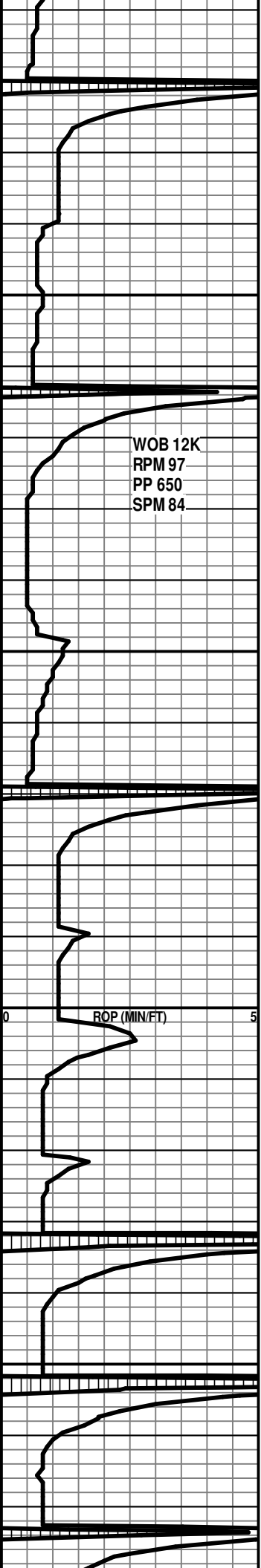
#### INTERVAL

- Dst
- Dst

#### EVENT

- Rft
- Sidewall





SH: gy - dk gy, frm, blkly - plty, smth tex, Inoc frag, sl - n calc

LS: lt gy, occ vf wh specks, blkly, chlky, Inoc frag, tt, no flor, no show

LS: lt gy, abnt wh specks, sb blkly, v calc, sl chlky, tt, no flor, v wk slow pale grn cut

SH: gy, frm, blkly - plty, smth tex, sl - n calc

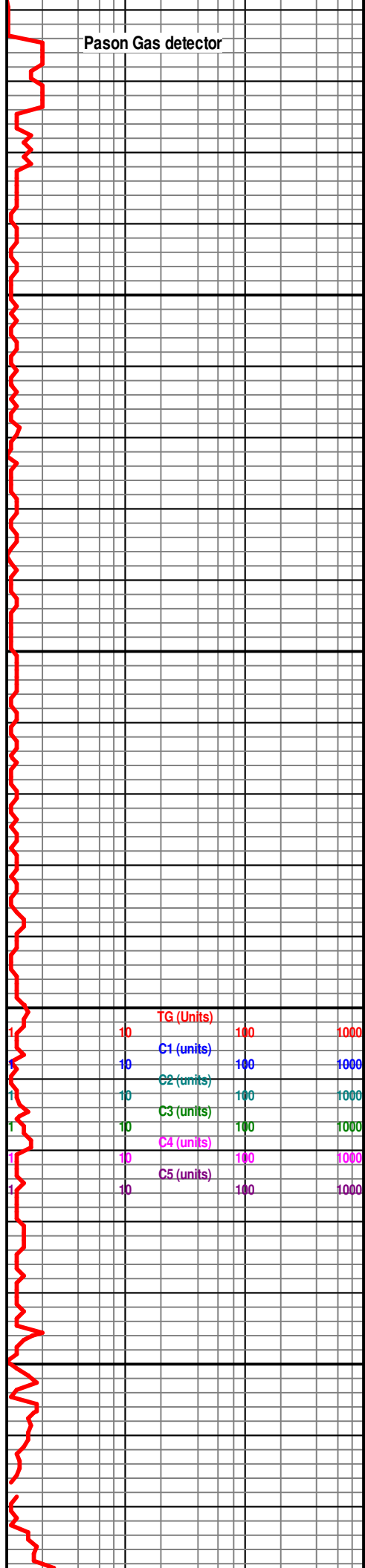
LS: lt gy, abnt wh specks, sb blkly, v calc, Inoc frag, sl chlky, tt, no flor, no cut

**CARLILE Logs 830'**

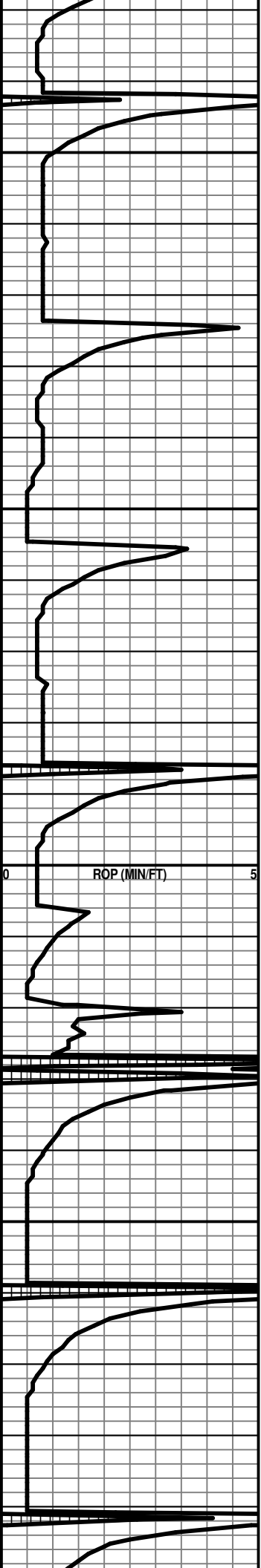
SH: gy - lt gy, frm, blkly - plty, smth tex, sl - n calc

SH: dkgy - lt gy, frm, blkly - plty, smth tex, sl - n calc

Pason Gas detector



10	TG (Units)	100	1000
10	C1 (units)	100	1000
10	C2 (units)	100	1000
10	C3 (units)	100	1000
10	C4 (units)	100	1000
10	C5 (units)	100	1000

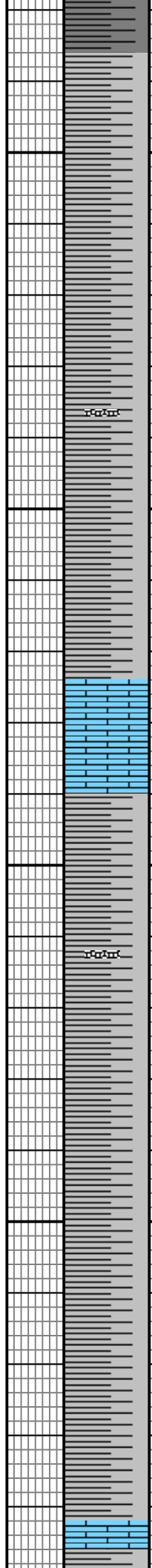


900

950

1000

1050



SH: gy - lt gy, frm, blkly-pty, smth tex, sl - n calc, tr lt gy Bent

LS: lt gy, decr wh - lt gy specks, sb blkly, v calc, Inoc frag, sl chlky, tt, no flor, no cut

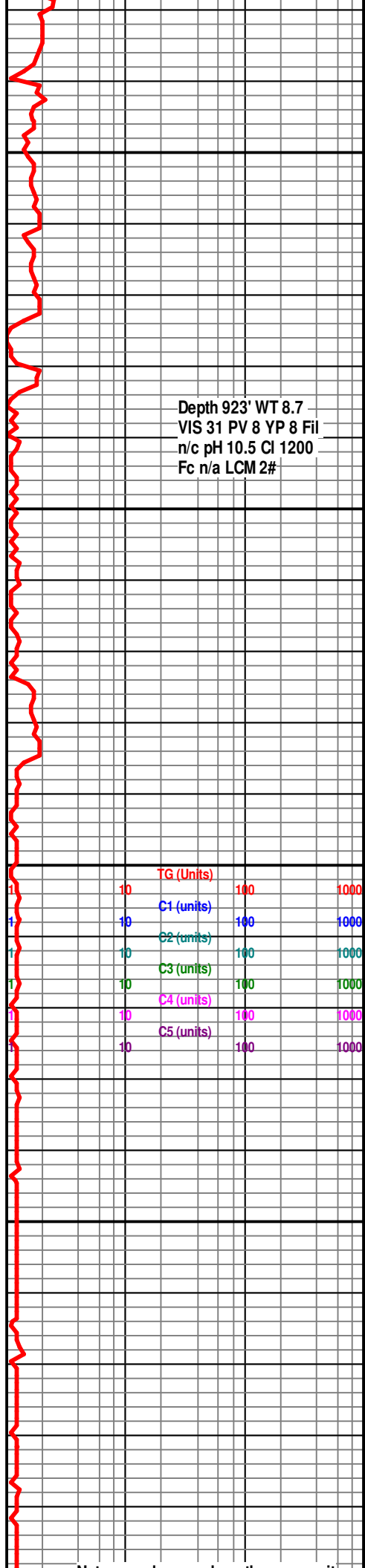
SH: gy - lt gy, frm, blkly - pty, smth tex, sl - n calc, tr lt gy Bent

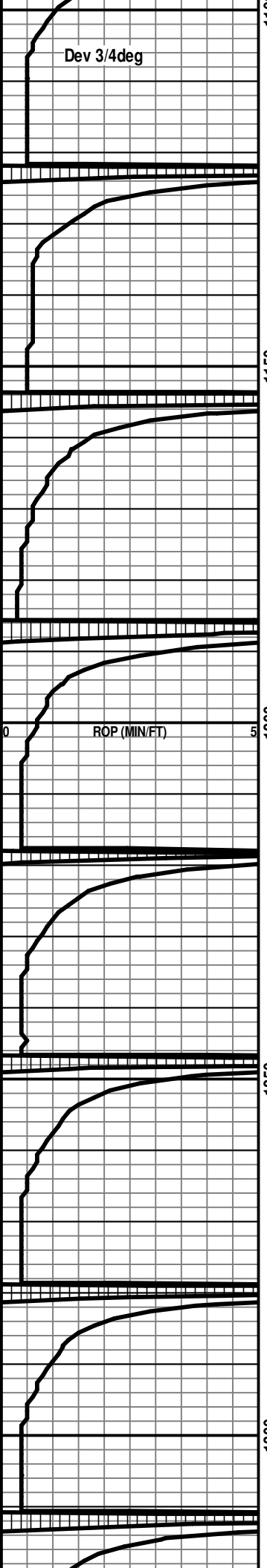
**GREENHORN Logs1082'**

LS: lt gy, abnt wh specks, sb blkly, v calc, Inoc frag, sl chlky, tt, no flor, no cut

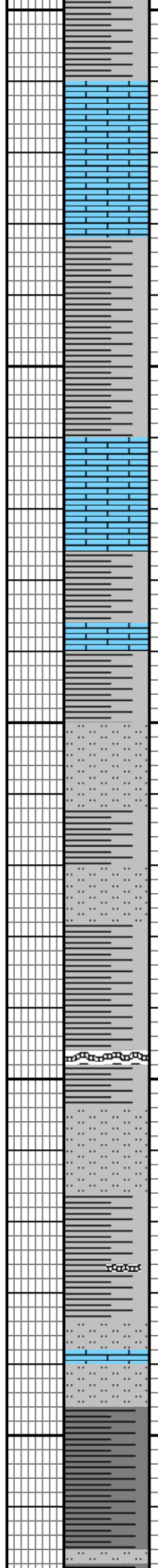
Depth 923' WT 8.7  
 VIS 31 PV 8 YP 8 Fil  
 n/c pH 10.5 CI 1200  
 Fc n/a LCM 2#

10	TG (Units)	100	1000
10	C1 (units)	100	1000
10	C2 (units)	100	1000
10	C3 (units)	100	1000
10	C4 (units)	100	1000
10	C5 (units)	100	1000





110  
1150  
1200  
1250  
1300



LS: lt gy, occ wh - ltgy specks, sb blk, v calc, Inoc frag, sl chlky, tt, no flor, no cut

LS: lt gy, rr wh - lt gy specks, sb blk, v calc, Inoc frag, sl chlky, tt, no flor, no cut

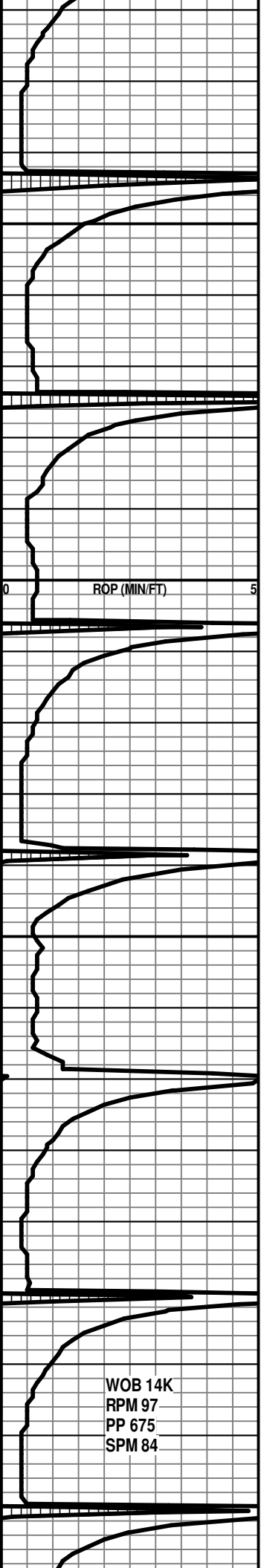
**GRANEROS Logs 1188'**

SLTST: v lt gy, frm, rnd, w srt, occ clay fill, sl calc

SH: gy - dk gy, frm, blk-pty, smth tex, Inoc frag, sl - n calc

1	10	TG (Units)	100	1000
1	10	C1 (units)	100	1000
1	10	C2 (units)	100	1000
1	10	C3 (units)	100	1000
1	10	C4 (units)	100	1000
1	10	C5 (units)	100	1000





1350

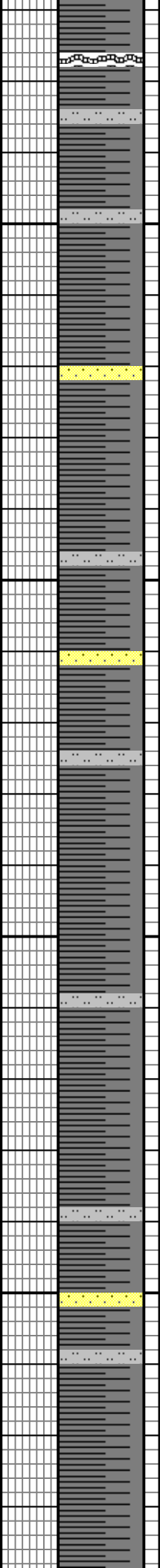
1400

1450

1500

ROP (MIN/FT)

WOB 14K  
RPM 97  
PP 675  
SPM 84



SH: dk gy - gysh blk, frm, pty - fis, non calc, pyr lt gy Bent

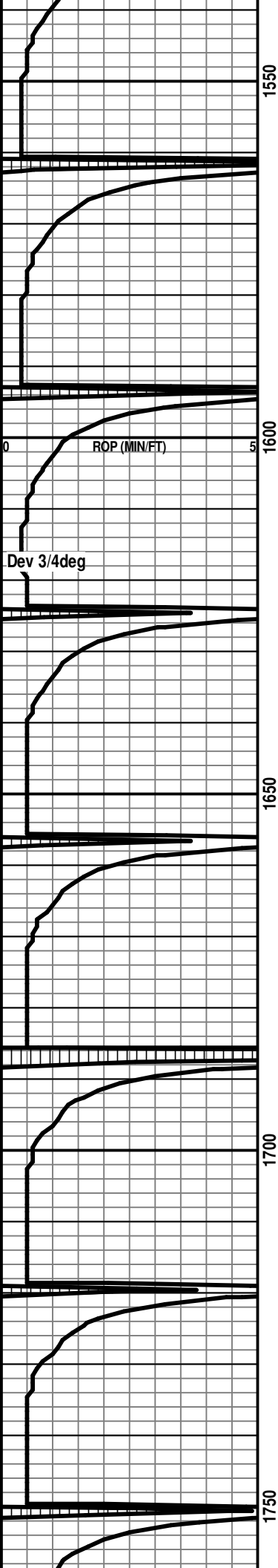
SS: wh - v lt gy, hd - fri, vf - f gr, sbrnd, w srt, sil cmt, tt, no show

SLTST: v lt gy, frm, rnd, w srt, occ clay fill, sl calc

SH: dk gy - gysh blk, frm, pty - fis, non calc, pyr

SH: dk gy - gysh blk, frm, pty - fis, non calc

1	10	TG (Units)	100	1000
1	10	C1 (units)	100	1000
1	10	C2 (units)	100	1000
1	10	C3 (units)	100	1000
1	10	C4 (units)	100	1000
1	10	C5 (units)	100	1000



1550  
1600  
1650  
1700  
1750

**DAKOTA Logs 1554'**

SS: wh - lt gy, hd, f gr, rnd - sbrnd, w srt, sil cmt, tt, no shows

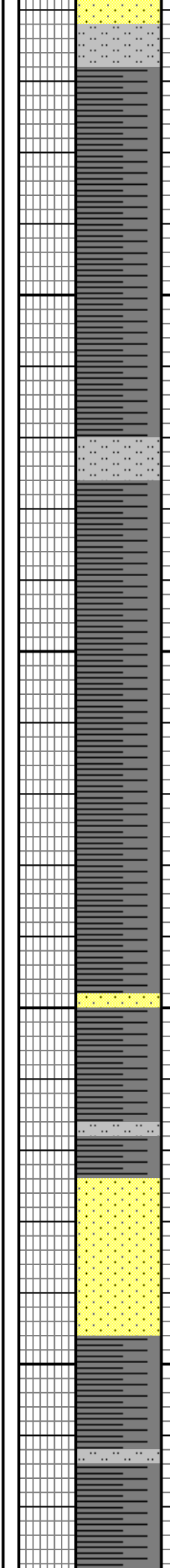
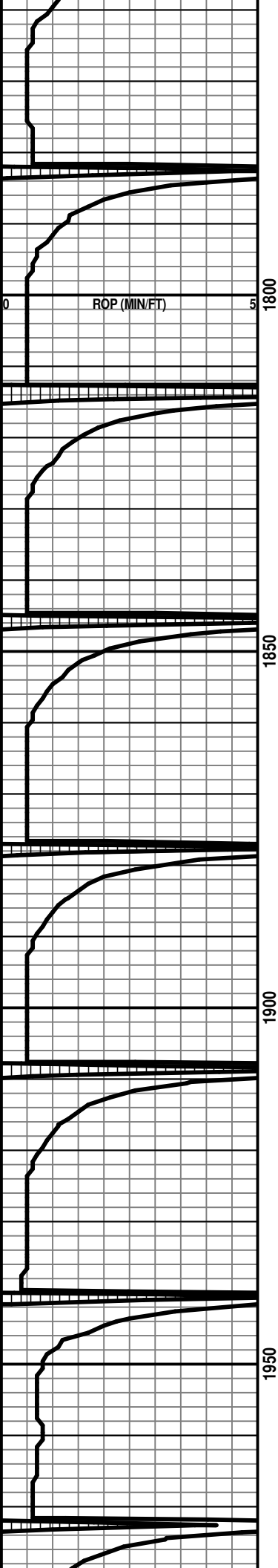
SH: gy - dk gy - blk, frm, sbfis - blk, n calc, occ pyr, intbdd lt gy SLTST

SLTST: lt gy - gy, fri - hd, v sl calc, dk hvy mnrls, mica, tr Bent

SH: dk gy - gysh blk, frm, pty - fis, non calc

SS: wh - lt gy, hd, f gr, rnd - sbrnd, w srt, sil cmt, tt, no shows

1	10	TG (Units)	100	1000
1	10	C1 (units)	100	1000
1	10	C2 (units)	100	1000
1	10	C3 (units)	100	1000
1	10	C4 (units)	100	1000
1	10	C5 (units)	100	1000



SLTST: lt gy - gy, fri - hd, v sl calc, dk hvy mnrls, mica, tr Bent

SH: gy - dk gy - blk, frm, sbfis - blk, n calc, occ pyr, intbdd lt gy SLTST

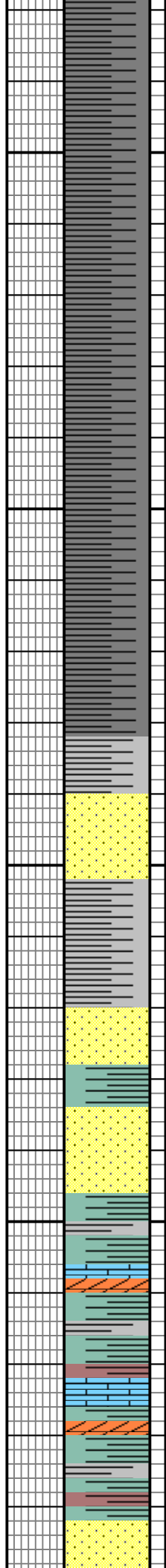
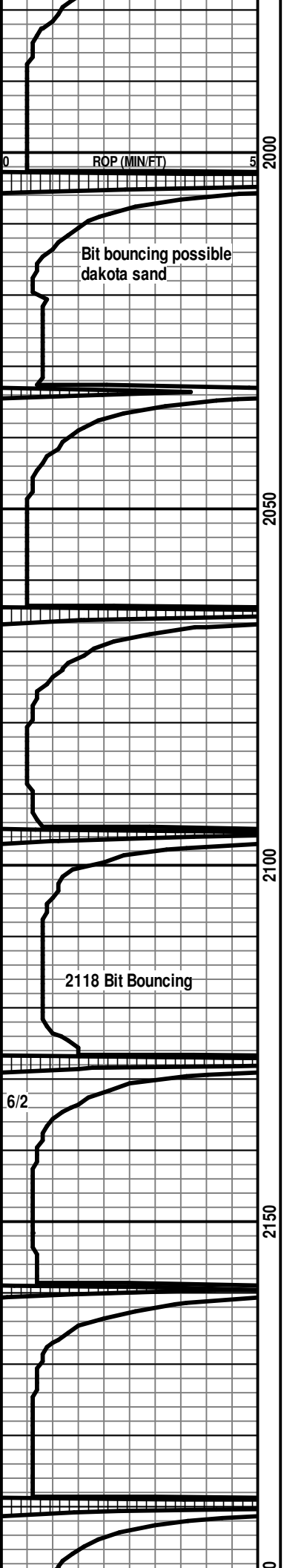
SH: gy, frm, blk, calc, tr lt tan Dol

**LAKOTA Logs 1894'**

SS wh, frm - hd, vf - m gr, sbang - ang, pr srt, sil cmt, occ pyr, occ clay fill, ooc lse grs, no vis por, poss good por?? no show

SH: gy - dk gy - blk, frm, sbfis - blk, n calc, occ pyr, intbdd lt gy SLTST

1	10	TG (Units)	100	1000
1	10	C1 (units)	100	1000
1	10	C2 (units)	100	1000
1	10	C3 (units)	100	1000
1	10	C4 (units)	100	1000
1	10	C5 (units)	100	1000



SLTST: lt gy - gy, fri - hd, v sl calc, dk hvy mnrls, mica, tr Bent

SS: lt gy, fri - hd, vf - f gr, sbang, fr srt, sil cmt, occ clay fill, pyr, tt, no show ??

SH: gy - dk gy, frm, sbfis - blk, n calc, occ pyr, intbdd SS and SLTST

SDY SLTST: lt gy - gy, fri - hd, v sl calc, dk hvy mnrls, mica, tr Bent

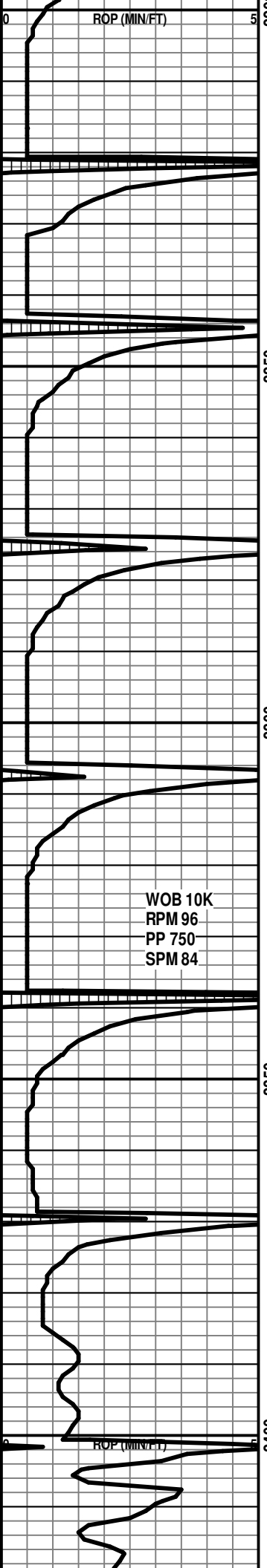
**MORRISON Logs 2078'**

SS: wh - fros, fri, f - m gr, sbrnd - w rnd, fr srt, pred wh clay filled, no vis por, poss por??no show

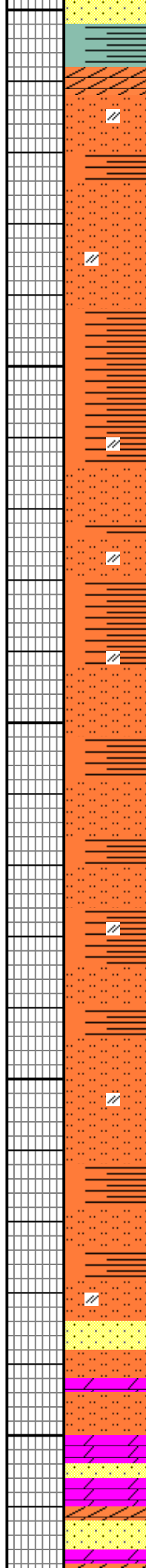
LS: v lt ggy - wh, sft - frm, crpxln, chlky, occ slty, no vis por, no show

SH: lt gysh bl - v lt gy - lt gysh green - v lt rdsh brn - mar, frm - sft, plty - lmpy, calc, sbwxy ip

1	10	TG (Units)	100	1000
1	10	C1 (units)	100	1000
1	10	C2 (units)	100	1000
1	10	C3 (units)	100	1000
1	10	C4 (units)	100	1000
1	10	C5 (units)	100	1000



2200  
2250  
2300  
2350  
2400



**PERMIAN RED BEDS Logs 2210'**

ANHY/GYP: wh - tnsI, sft - frm, crpxIn - micgran, intbdd  
lt orng Sh

SH: lt orng - orng, sft - fr, sb blk, non calc, occ Anhy  
nod

SH: lt orng - orng, sft - frm, sb blk, non calc, occ Anhy  
nod, bcmg slty

SLTST: orng, sft, sb blk, non calc, occ Anhy

SH: lt orng - orng, sft - frm, sb blk, non calc, occ Anhy  
nod

**DAY CREEK Logs 2382'**

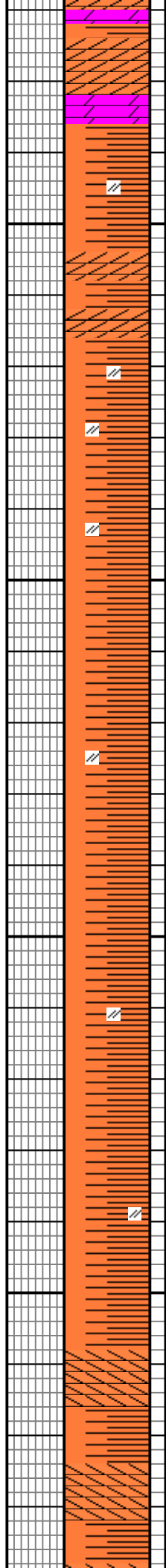
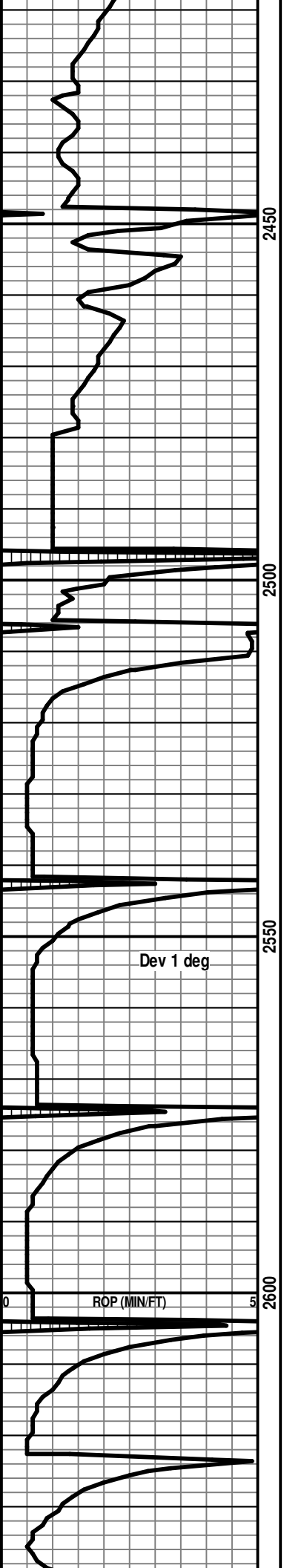
DOL: lt gy, hd, crpxIn, sdy, tt, no show

1	10	TG (Units)	100	1000
1	10	C1 (units)	100	1000
1	10	C2 (units)	100	1000
1	10	C3 (units)	100	1000
1	10	C4 (units)	100	1000
1	10	C5 (units)	100	1000
1	10	TG (Units)	100	1000
1	10	C1 (units)	100	1000
1	10	C2 (units)	100	1000
1	10	C3 (units)	100	1000
1	10	C4 (units)	100	1000

WOB 10K  
RPM 96  
PP 750  
SPM 84

ROP (MIN/FT)

ROP (MIN/FT)



GYP/ANHY: wh - trnsl - v lt orng, mot ip, sft, crpxln - amor, intbdd thn orng Sh ptgs

SH: lt brnsh orng, sft - frm, sb blkly - lmpy, n calc, grdg to Clayst, intbdd GYP, Pos Salt, not seen in sample. Chloride increase on mud report

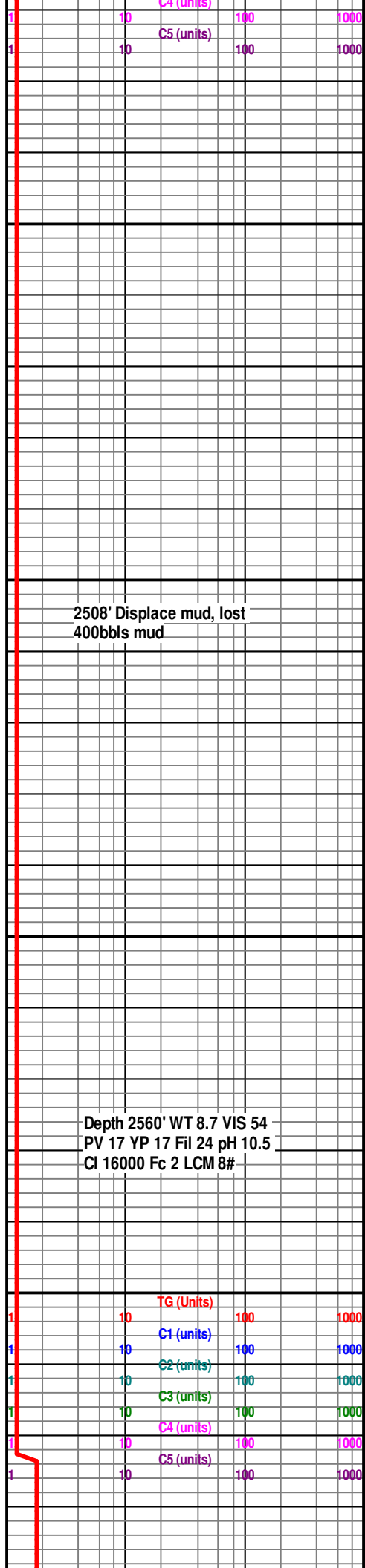
CLAYST: lt orng, sft, sb blkly - lmpy, sticky, n calc

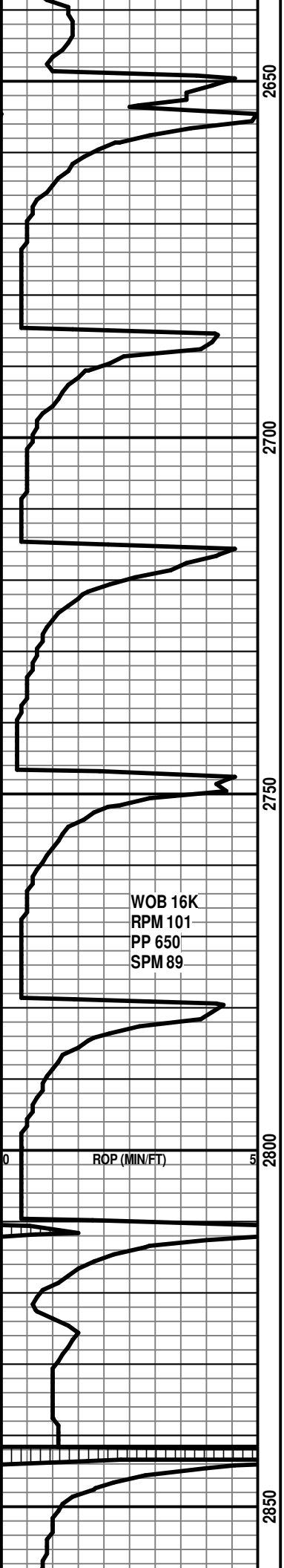
SH: lt brnsh orng, sft - frm, sb blkly - lmpy, n calc, grdg to Clayst, nod wh Anhy incl

BLAINE Logs 2646'

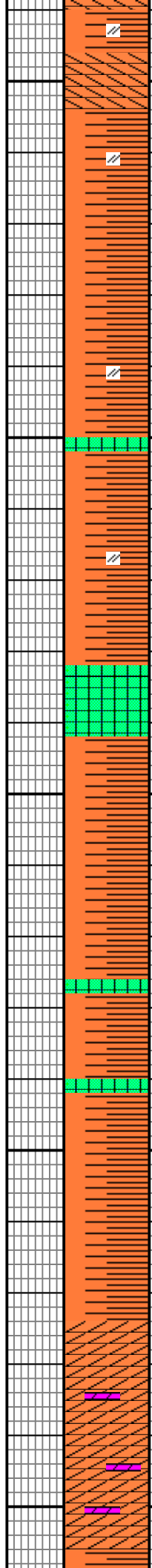
ANHY/GYP: wh - trnsl, occ lt orng mot, sft - frm, micgran, fib, thn lt gy dol stringers

DOL: v lt gy - lt orng, frm, vf xln, intbdd Sh and Anhy, tt





WOB 16K  
RPM 101  
PP 650  
SPM 89



ANHYP: wh - trnsl, occ lt orng mot, sft - frm, micgran, fib, thn lt gy dol stringers

SLTST: lt orng, fri, clay mtx, calc

SS: lt orng - wh, fri - unconcs, f gr, rnd, w srt, occ clay mtx, abnt lse grs

SH: lt brnsh orng, occ lt gy mot, sft - frm, sb blkly - lmpy, n calc, nod wh Anhy incl, grd to Clayst

SALT; not seen in smpls

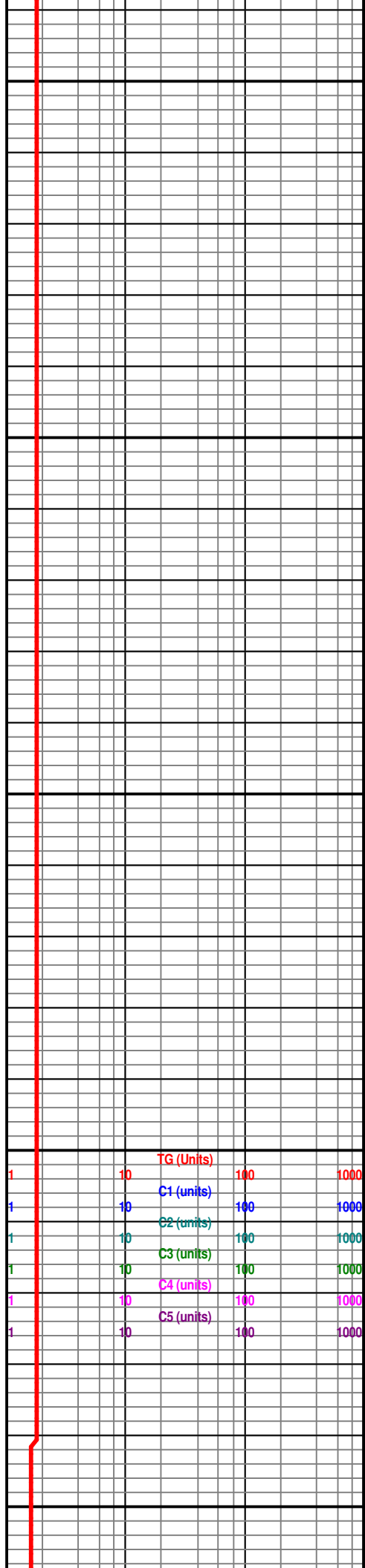
SH: lt orng - orng, sft - frm, sb blkly, non calc, occ Anhy nod

SH: lt orng - orng, sft - frm, sb blkly, non calc, occ Anhy nod

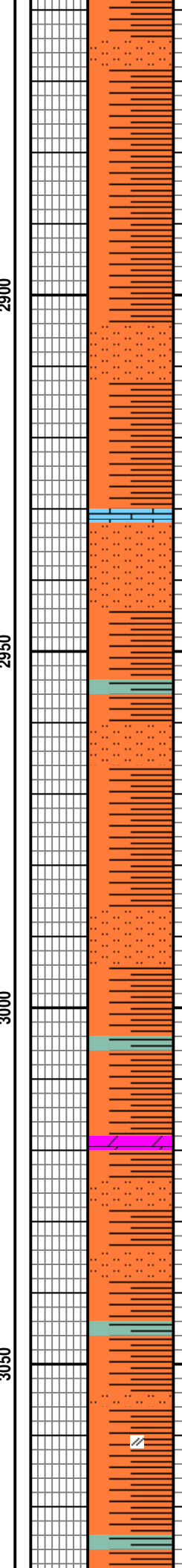
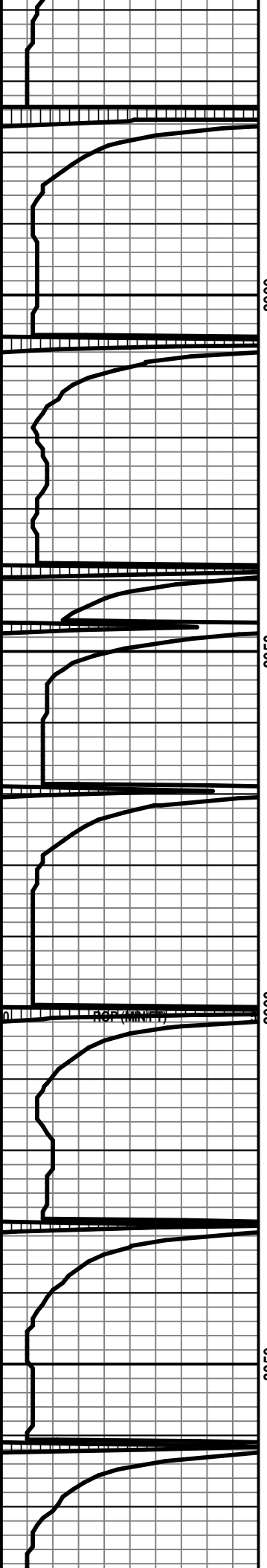
**STONE CORRAL Logs 2820'**

ANHYP: wh - lt gy, sft, crpxln - amor, intbdd lt gy Dol

**SUMNER GROUP Logs 2852'**



1	10	TG (Units)	100	1000
1	10	C1 (units)	100	1000
1	10	C2 (units)	100	1000
1	10	C3 (units)	100	1000
1	10	C4 (units)	100	1000
1	10	C5 (units)	100	1000



SH: lt brnsh orng, sft - frm, sb bkly - lmpy, n calc, grdg to Clayst, intbdd Slst

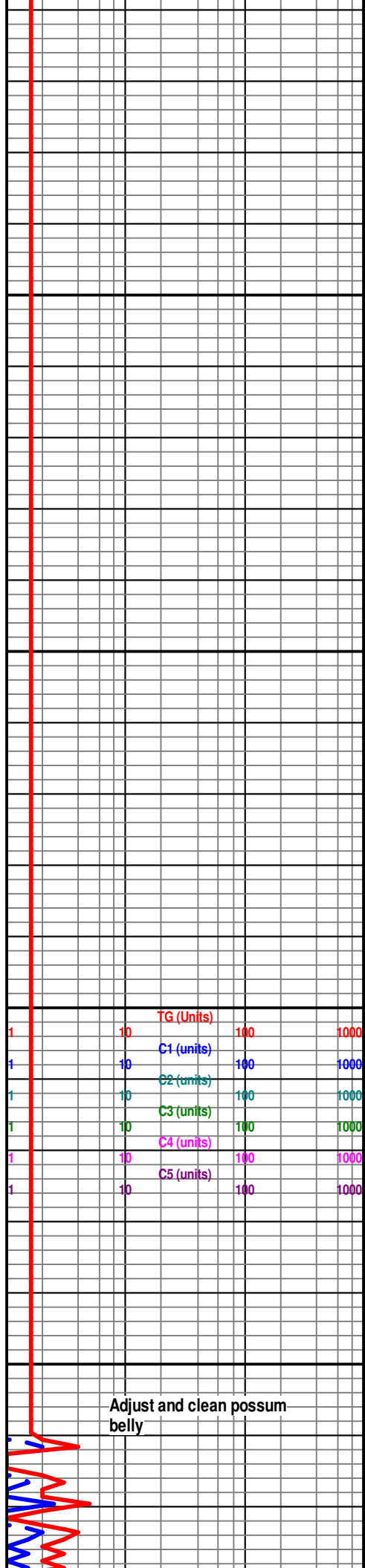
SLTST: brnsh rd - lt orng, fri, clay mtx, calc

SS: brnsh rd, hd - fri, f gr, rnd, w srt, tt, no show

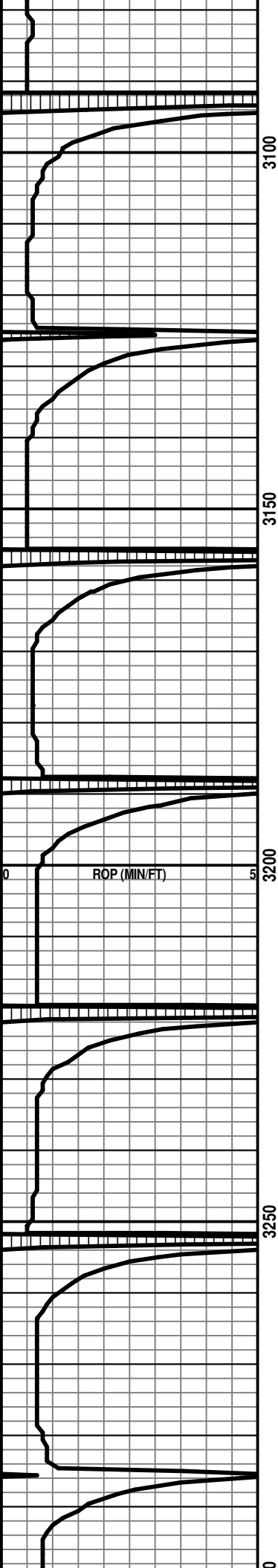
SH: brnsh rd, - rdsh orng, occ blsh green, frm - sft, sb bkly, non calc, occ Slty, occ crs gr Sd

DOL: lt gy - lt orng, hd, cpxln, intbdd sh, tt, no show

SH: brnsh rd, - rdsh orng, occ blsh green, mot ip, frm - sft, sb bkly, non calc, occ sl Slty







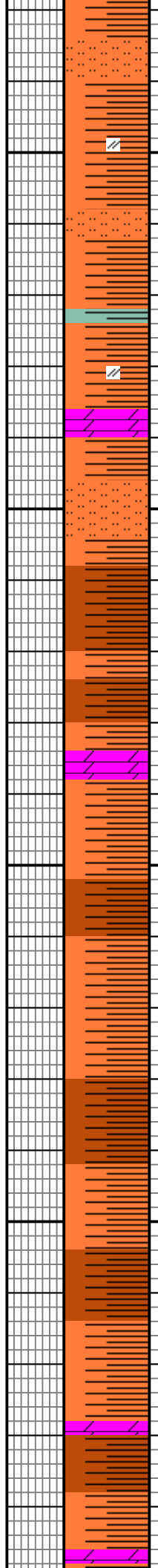
3100

3150

3200

3250

0



SH: brnsh rd, - rdsh orng, occ blsh green, mot ip, frm - sft, sb bkly, non calc, occ sl Slt

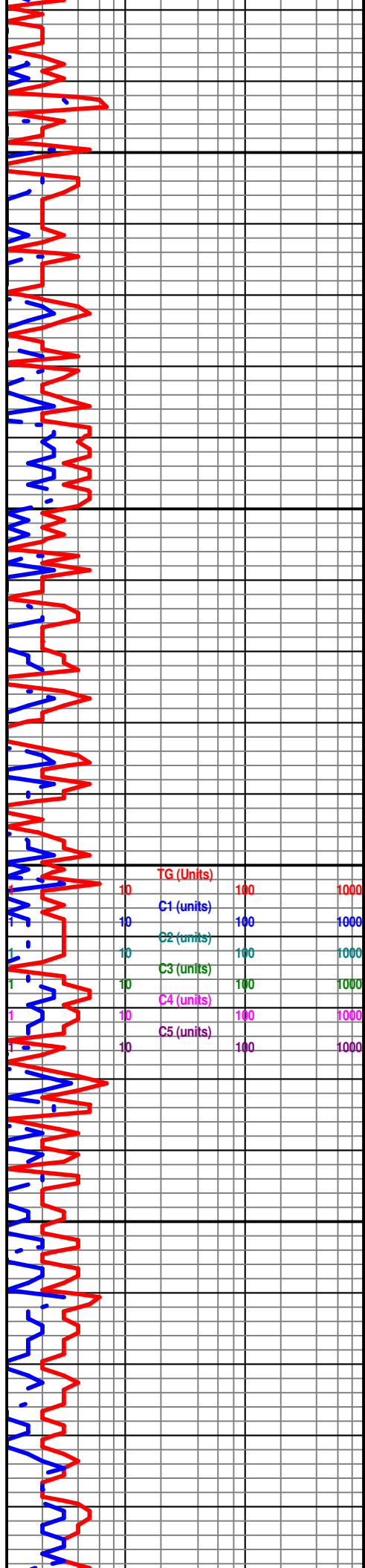
DOL: v lt brn - lt gy, hd, crpxln, tt, no shows

**COUNCIL GROVE GROUP Logs 3158'**

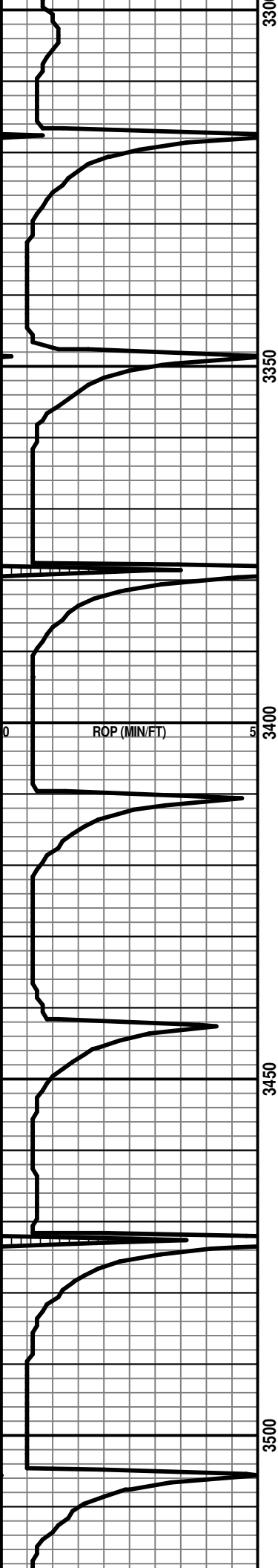
SH: brnsh rd - dk rdsh orng, frm, bly, non calc, thn Dol ptgs

SH: brnsh rd - dk rdsh orng, frm, bly, non calc, thn Dol ptgs

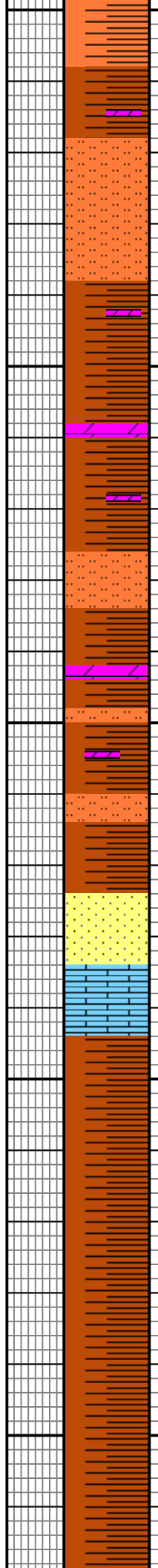
SH: brnsh rd - dk rdsh orng, frm, bly, non calc, thn Dol ptgs



TG (Units)	10	100	1000
C1 (units)	10	100	1000
C2 (units)	10	100	1000
C3 (units)	10	100	1000
C4 (units)	10	100	1000
C5 (units)	10	100	1000



3300  
3350  
3400  
3450  
3500



SLTST: reddish brn, fri, clay cmt, n calc

DOL: lt gy - lt tan, hd, crpxln, tr sl sdy, tt, no shows

SH: reddish orange, frm-sft, fis-blky, v slty, sdy ip, non-sl calc, tr lt tn Dol

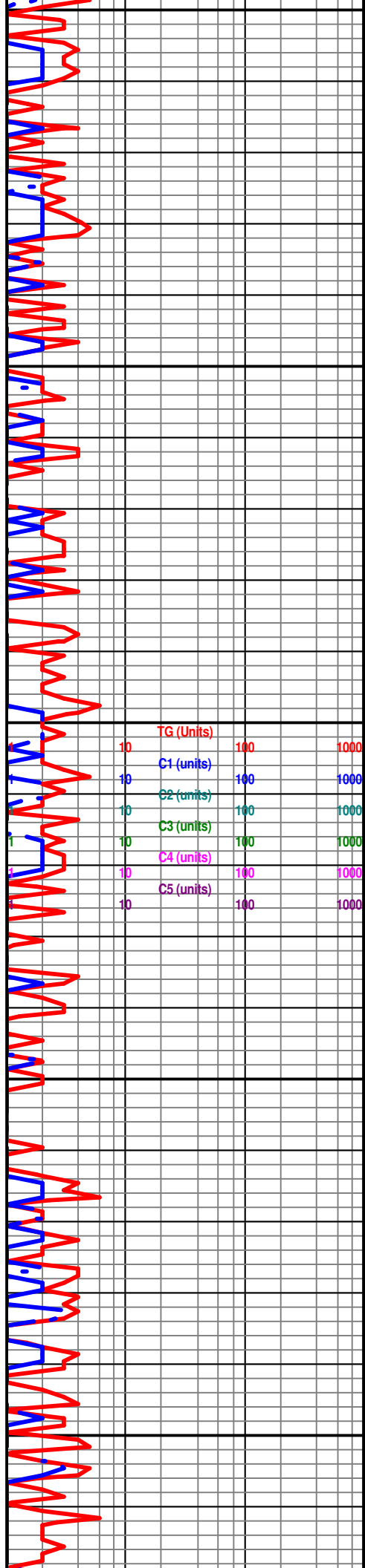
SS: wh - lt gy - reddish brn, fri-frm, vf gr grd to silt, sb rnd - rnd, w srt, calc cmt, occ clay filled, no vis por, no shows

**NEVA Logs 3433'**

LS: wh - lt gy, frm - hd, crpxln, chlky, tt, no shows

SH: reddish orange to reddish brown, frm-hd, fis-blky, v slty, occ sdy stringers, non-sl calc, tr lt tan - lt reddish brn Ls

SH: reddish brn, frm-sft, fis-blky, v slty, sdy ip, non-sl calc



10	TG (Units)	100	1000
10	C1 (units)	100	1000
10	C2 (units)	100	1000
10	C3 (units)	100	1000
10	C4 (units)	100	1000
10	C5 (units)	100	1000

# FORAKER Logs 3526'

LS: lt gy, hd, crpxln, v sl sdy, reddish brn SH stringers, tt, no shows

SH: dk gy, frm, blk, n - sl calc, fos frag

SS: v lt gy - wh, fri, vf gr, sbang - sbrnd, w srt, calc cmt, clay fill, blk specs, tt - tr por, no shows

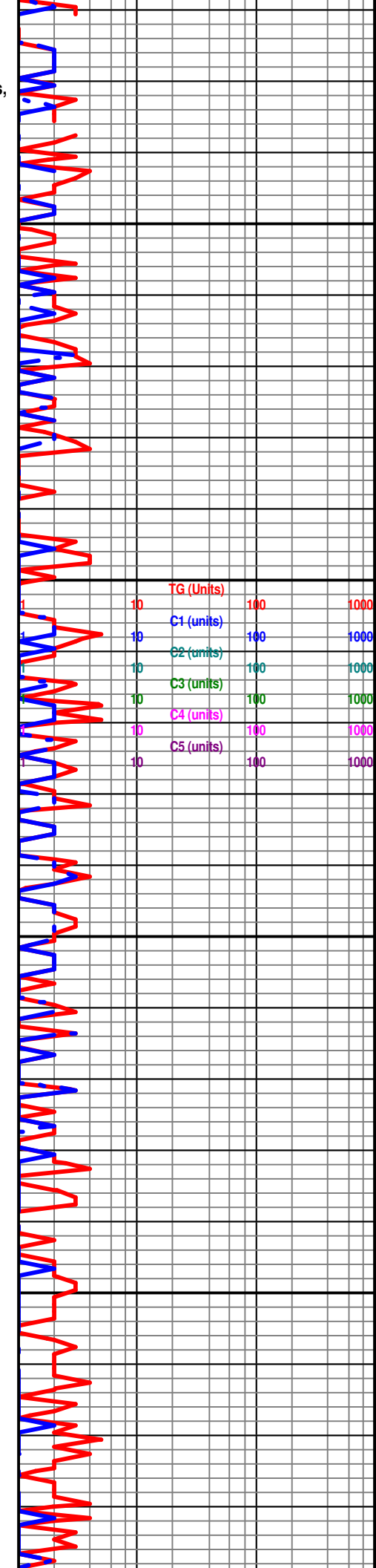
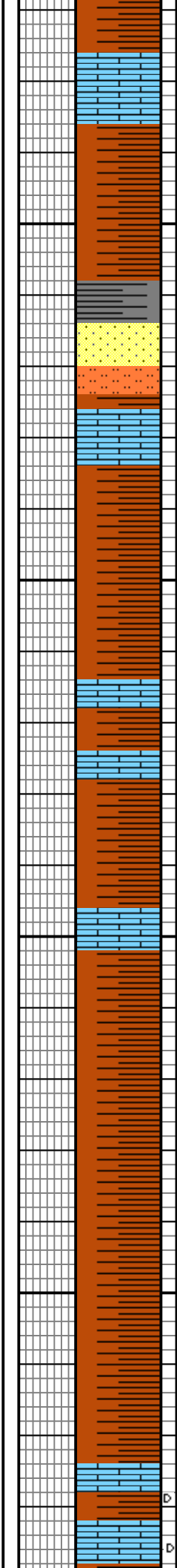
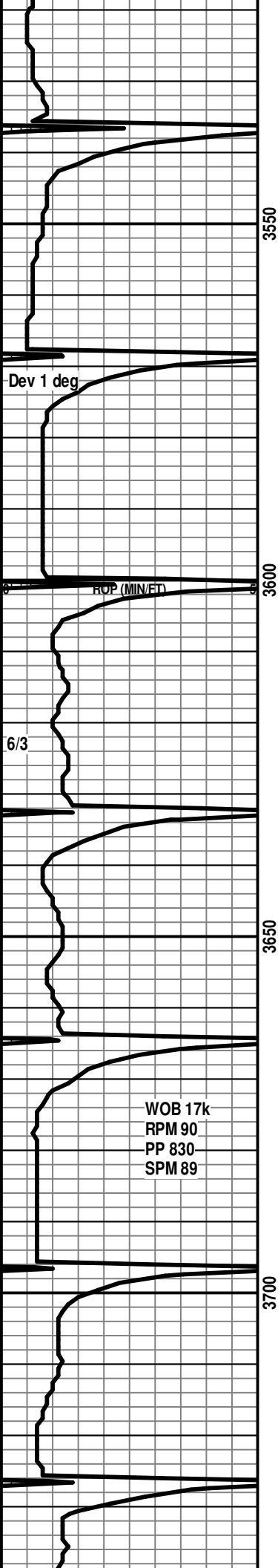
SH: reddish brn, sft-frm, sb blk, non calc, occ slty

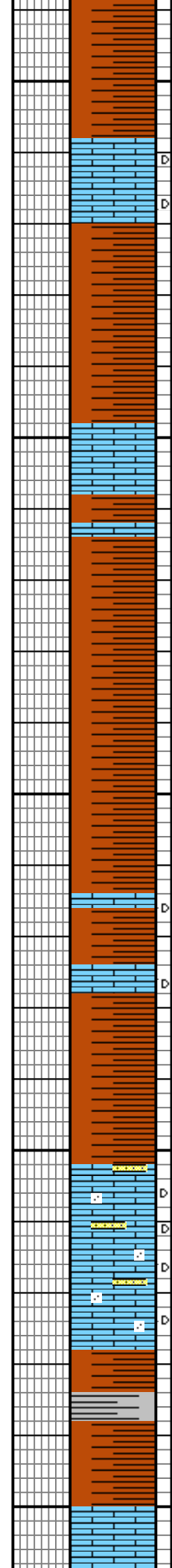
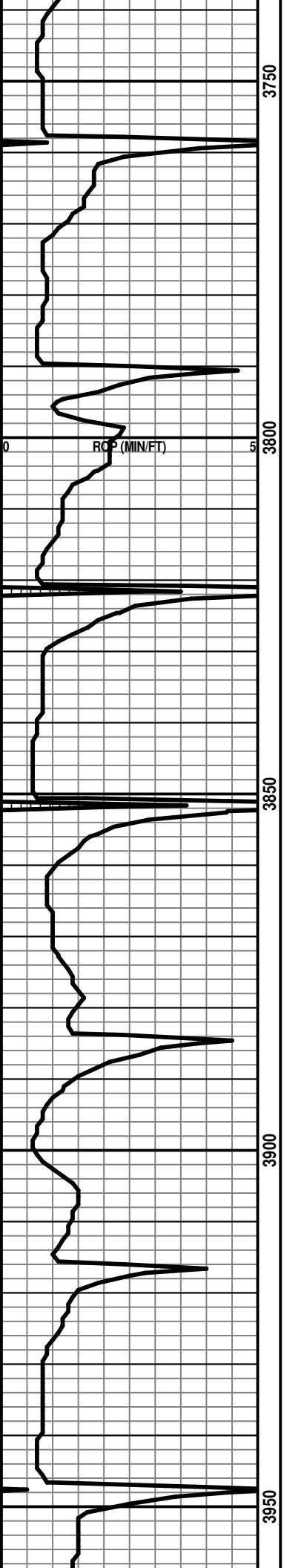
LS: wh - lt gy, hd, f xln, occ sl chalky, tt, no shows

SH: reddish brn, sft-frm, sb blk, n calc, occ slty, w/ interbedd LS: wh - lt gy, frm-hd, crpxln, tt, no shows

# WABAUNSEE Logs 3726'

LS: wh - lt gy, occ reddish brn mot, frm-hd, mudst-grainst, fos frag, peloids, reddish Sh ptgs, sdy ip, tr blk asph mat, tt, no show





SH: lt reddish brn - lt gy orng, sft frm, sb blk- lmpy, non calc, clayey, occ slty, thn gy sdy Ls ptgs

LS: wh-lt gy, occ reddish brn mot, frm-hd, mudst-grainst, fos frag, reddish Sh ptgs, sdy ip, tr blk asph mat, tt, no show

SH: pale reddish brn, sft frm, sb blk, n calc, occ slty

LS: wh - lt gy, occ reddish brn mot, frm-hd, crpxln, reddish Sh ptgs, sdy ip, tr blk asph mat, tt, no show

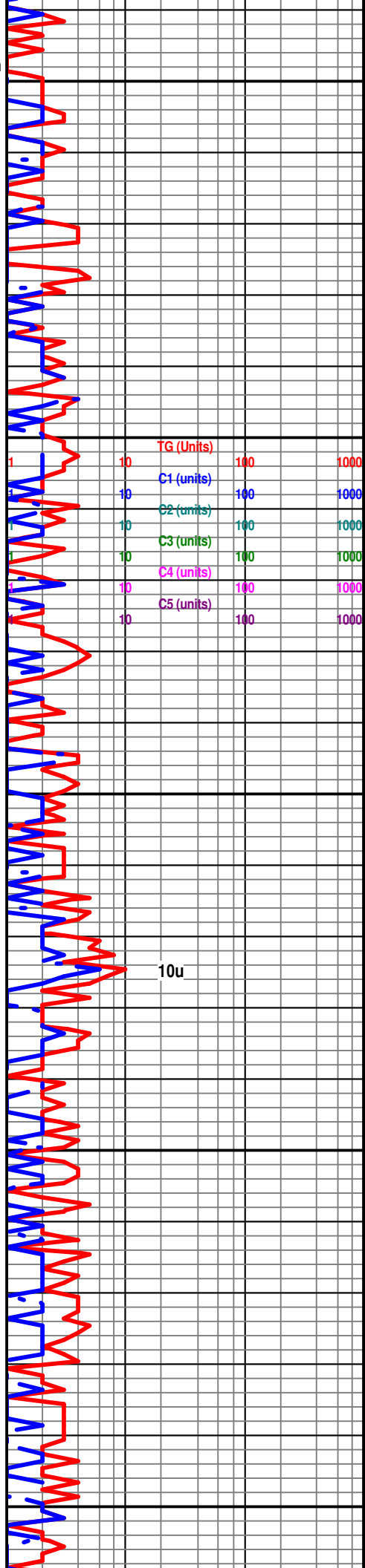
SH: reddish brn, brownish mar, lt bluish gy, mot ip, frm, blk, n-sl calc, sl-mod slty ip

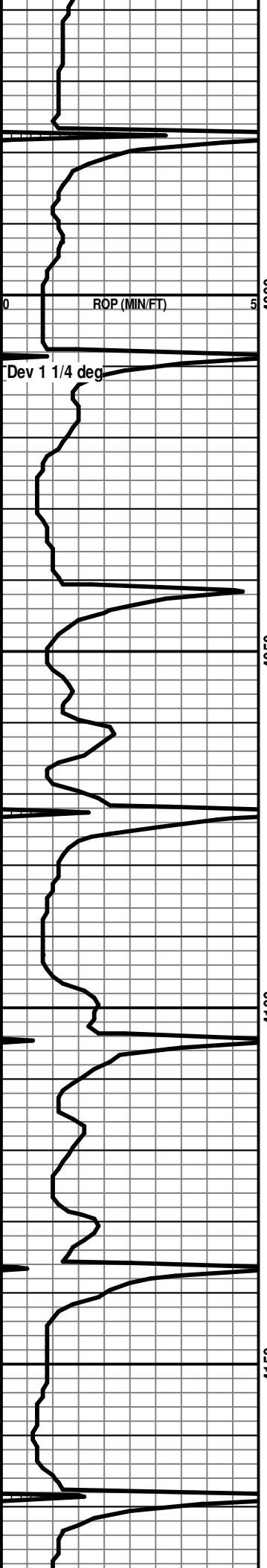
LS: wh - lt gy, with pale reddish brn mot, sft frm, wackest - grainst, occ micgran tex, abnt fos frag, reddish brn SH ptgs, occ asph mat, spty blk hvy oil mat, no vis por, v tt, no flor, no cut

**TOPEKA Logs 3900'**

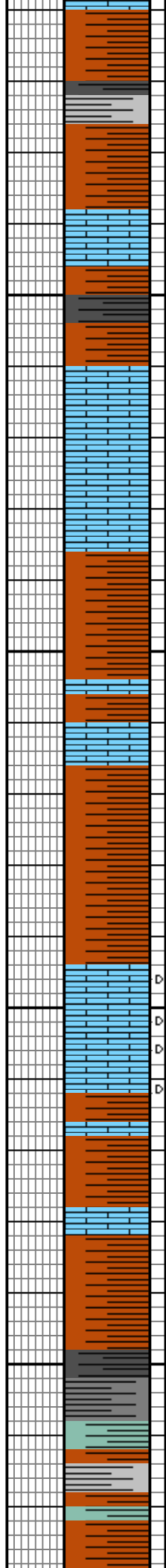
LS: lt gy-wh, hd - frm, crpxln, fos frag, clr calc fill in vugs, clr - opa q cht, v sdy, scat blk asph mat, tr blk dd oil, tt, no shows

LS: lt gy, sft - frm, mudst, mod - v silty/sdy, sl arg, tt, no shows





4000  
4050  
4100  
4150



SH: gy - dk gy, frm, blk, non calc

SH: reddish brn, sft-frm, sb blk, n calc, occ slty, occ lt gy Ls stringers

LS: wh - ltgy, hd, crpxln, dns, no show

SH: reddish brn, sft-frm, sb blk, n calc, occ slty, occ lt gy Ls stringer

**DEER CREEK LIMESTONE Logs 4098'**

LS: lt tan - v lt brn, hd - frm, crpxln - micxln, rr fos frag, tr blk Algal specks, blk dead oil, tt, mnrl flor, no show.

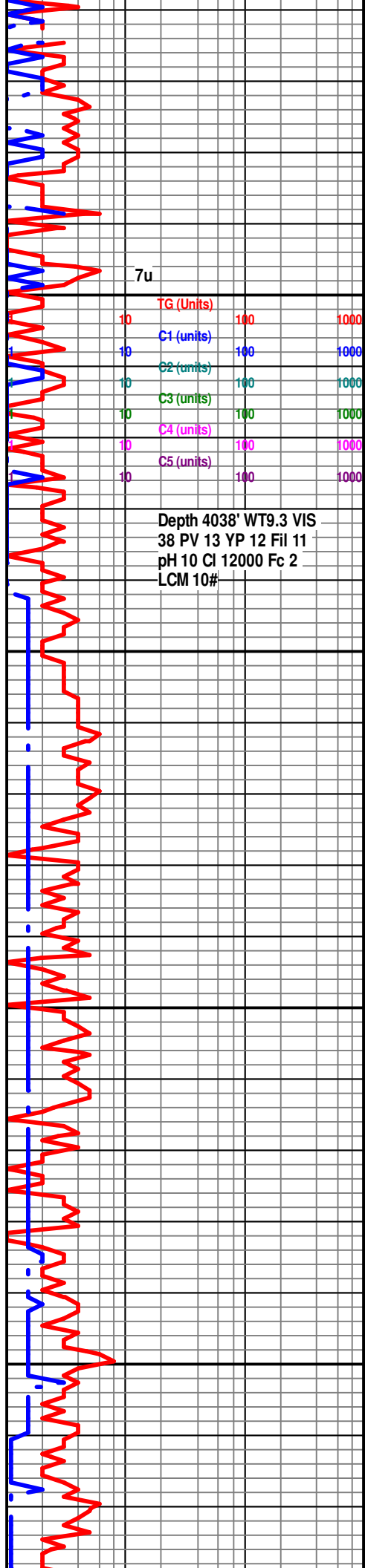
SH: blk - v dk gy, frm, blk, sl carb

LS: wh - lt tan, hd, crpxln - vf xln, occ fos frag, tr Algal stn, tt, no show

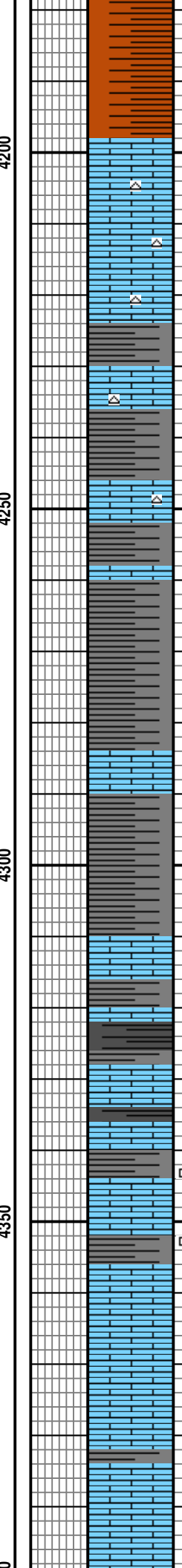
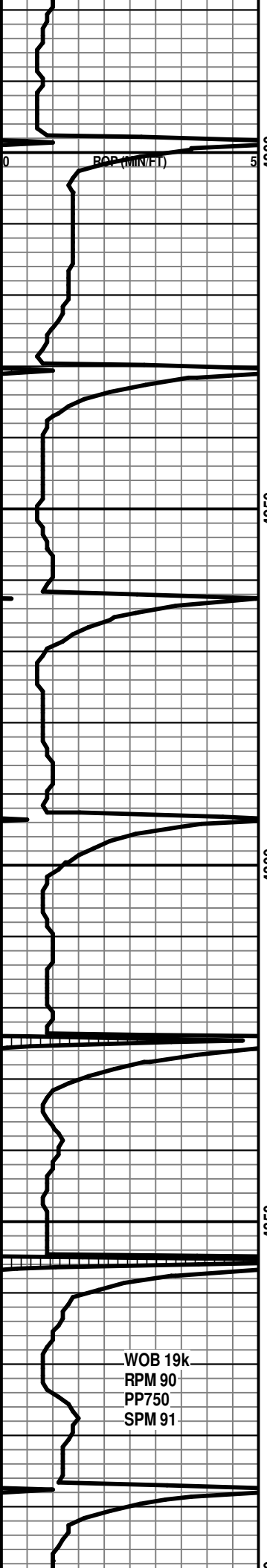
**HEEBNER SHALE Logs 4168'**

SH: gysh blk - blk, frm - brit, fis, n - sl calc, carb, no flor, v wk pale grn resd cut

SH: bluish gy - grayish green, sft - frm, sb blk - plty, n calc, sbwxy, clayey



Depth 4038' WT9.3 VIS  
38 PV 13 YP 12 Fil 11  
pH 10 Cl 12000 Fc 2  
LCM 10#



SH: reddish brn, sft-frm, sb blk, n calc, occ slty, occ lt gy Ls stringe

**TORONTO Logs 4200'**

LS: lt tan - wh - v lt brn, hd, crpxln, tr wh cht, tt, no show

SH: dk gy - blk, frm, blk, non calc

LS: lt tan - wh - v lt brn, hd, crpxln, tr wh cht, tt, no show

SH: dk gy - blk, frm, blk, non calc

LS: wh - lt tan, hd, crpxln, abnt lt gy - gy Sh, tt, no show

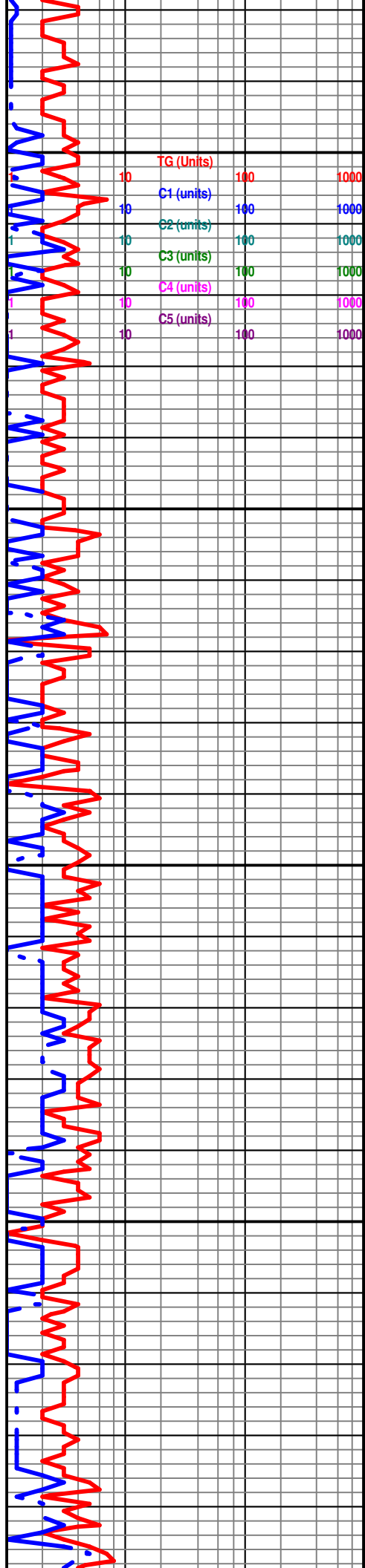
SH: dk gy - blk, frm, blk, non calc

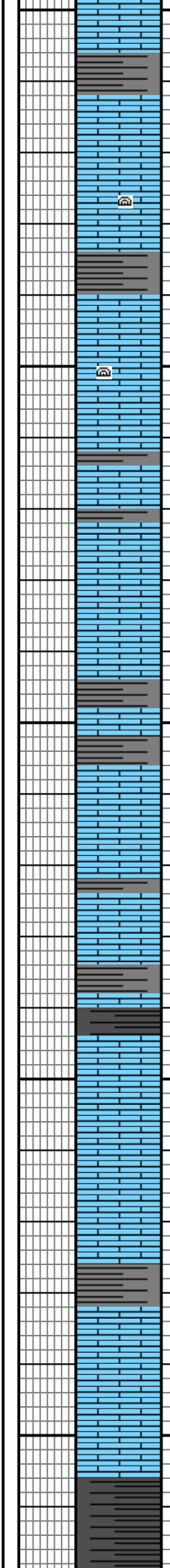
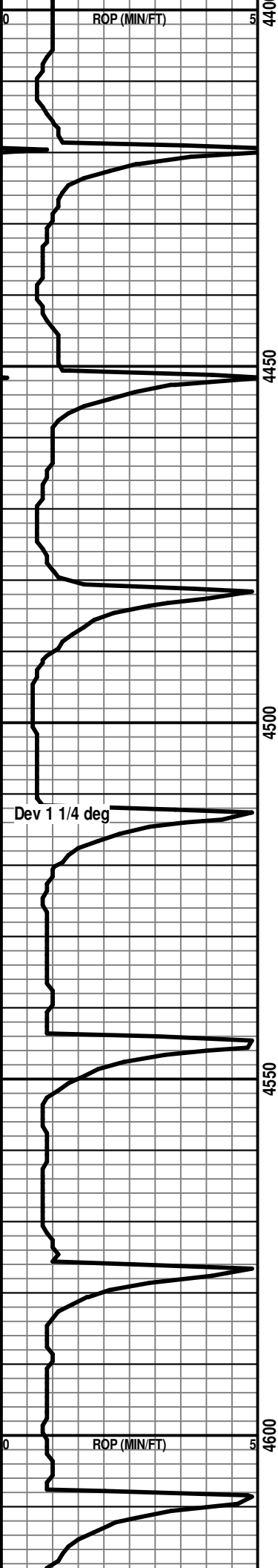
**LANSING Logs 4320'**

LS: lt gy - v lt brn, occ wh, sl mot, hd - sft, crpxln - micxn, occ fos frag, occ chlky tex, occ micgran tex, tr blk asph specks, tt, yel mnrl flr, no shows

LS: crm - lt tan, frm - hd, crpxln - micxn, sl chlky tex, fos frag (Fus), tt - tr por, mnrl flr, no show

SH: dk gy, frm, blk, non calc, intbdd Ls





LS: lt gy - v lt brn, occ wh, sl mot, hd - sft, crpxln - micxln, occ fos frag (Fus, Crin), occ chlky tex, tr blk Algal stn, tt, yel mnrl flor, no shows

SH: blk, hd, blk, n calc

LS: lt gy - v lt brn, occ wh, sl mot, hd - sft, crpxln - micxln, occ fos frag (Brac), occ chlky tex, occ gy pel, tr blk Algal stn, tt, yel mnrl flor, no shows

LS: lt gy - crm, frm - hd, crpxln - micxln, fos frag, tt, no shows

LS: lt tan - crm, frm - hd, crp - micxln, occ bio clastic, occ pel, occ fos frag, tt, no show

SH: blk, hd, blk, v sl carb

LS: crm - lt gy, hd, crpxln - micxln, occ fos (Brac), tr pel, tt, no shows

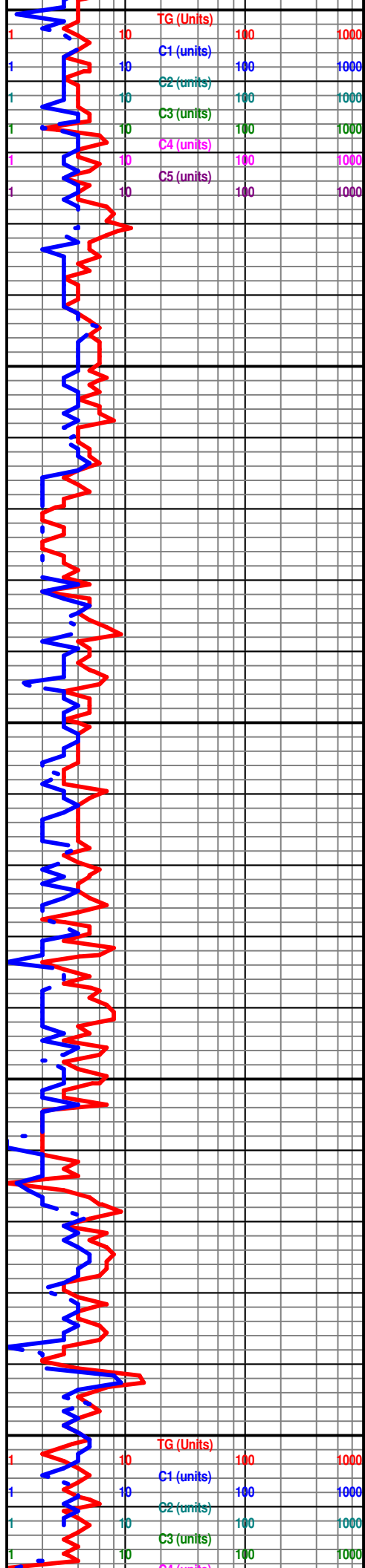
**KANSAS CITY Logs 4325'**

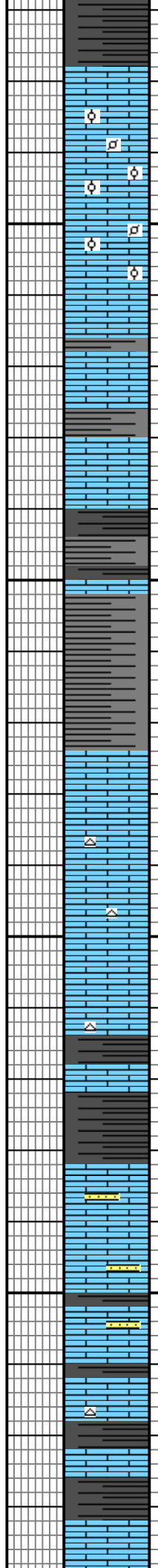
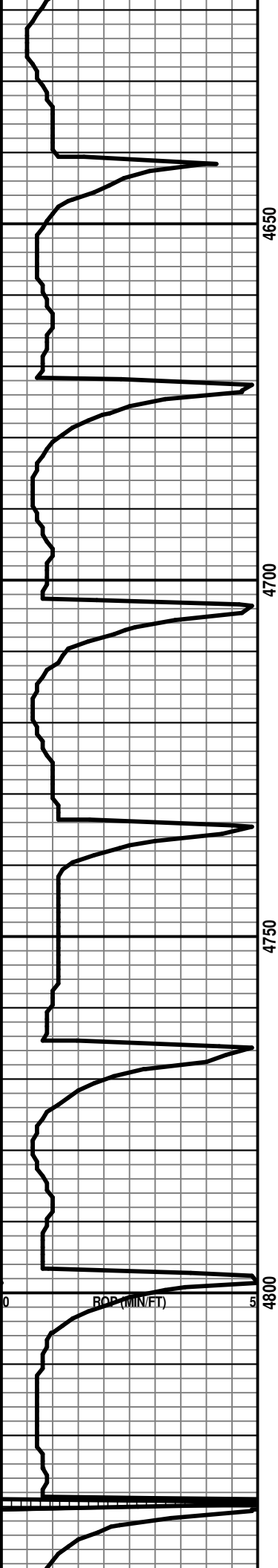
LS: v lt brn - lt gy, hd - frm, vf xln - micxln, occ fos frag (Crin, Fus), occ ool, tr blk Algal stn, tt - pr intxln por, fnt yel mnrl flor, no show

LS: lt tan - v lt gy, hd - frm, crpxln - micxln, occ fos frag (Fus), occ ool, tr blk asph stn, tt - pr vuggy por, pale yel flor, no show

**BASE KANSAS CITY Logs 4616'**

SH: v dk gy - gysh blk, frm, blk, non calc, dism pyr, occ thn Ls partings





**MARMATON Logs 4628'**

Pelooidal LS: v lt tn - v lt gy - crm, mot, frm - hd, vf xln, occ pel grainst, abnt ool and peloid, hvy occluded in micrite mud, fos frag, no stn, no vis por, bri yelwh mnrl flr, no show

LS: lt gy - crm, hd, crpxln - micxln, occ fos (Brac), tt, no show

SH: blk, frm - brit, fis, sl carb

LS: lt gy - crm - dk gy, occ mot, micxln, fos frag occ pyr, intbdd with dk gy Sh, tt, no shows

**FORT SCOTT Logs 4720'**

LS: v lt tn - crm - v lt gy, hd - frm, crpxln - micxln, fos frag (Brac), tr lt brn Cht, no vis por, dull yel mnrl flr, no cut

LS: v lt tn - crm - v lt gy, hd - frm, crpxln - micxln, fos frag (Brac, Crin), tr opa - lt brn Cht, no vis por, dull yel mnrl flr, no cut

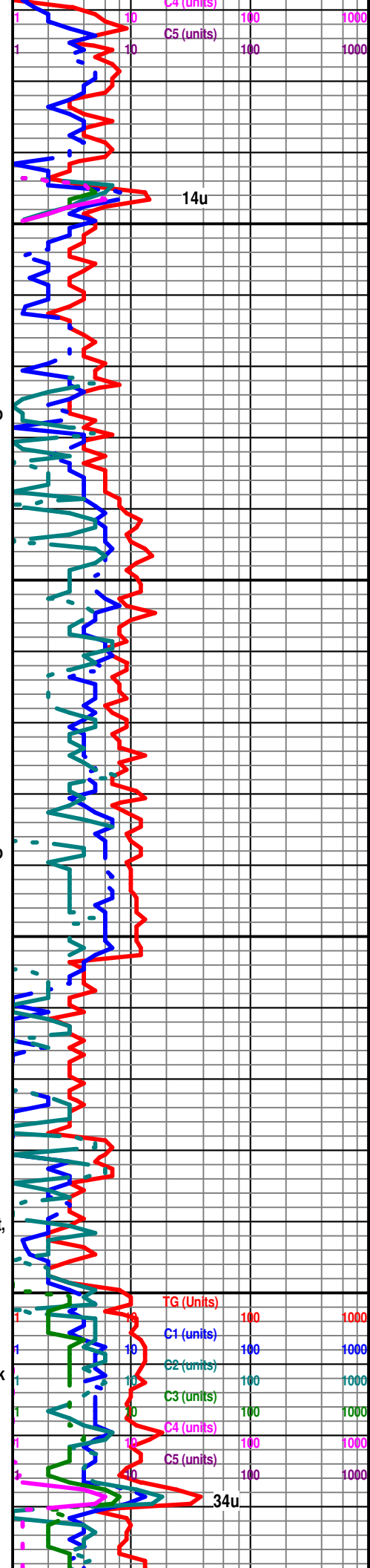
**CHEROKEE Logs 4764'**

SH: blk, frm - hd. fis - blk, n calc, v carb

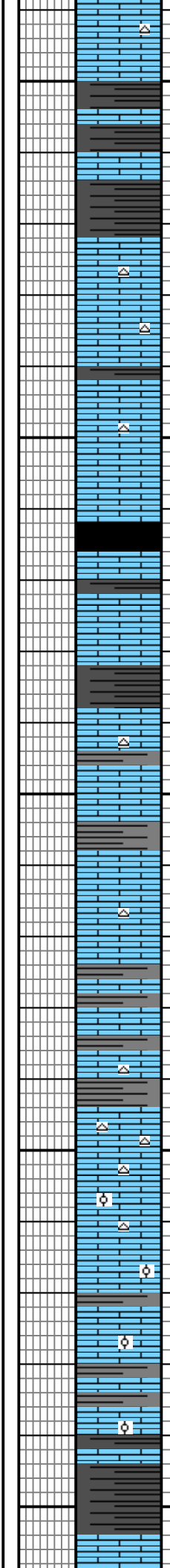
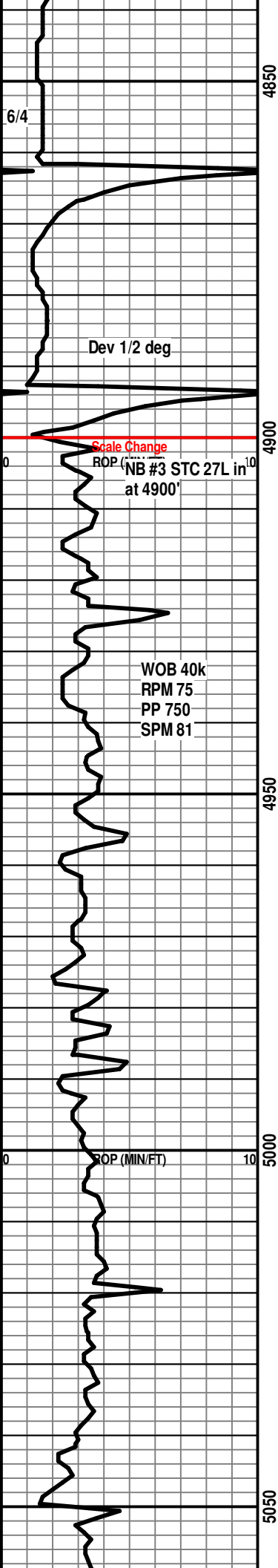
SS: lt gy, fri, vf gr grd to silt, rnd, w srt, wk calc cmt, tt, no show

LS: dk gy - v lt gy - crm - v lt brn, occ sl mot, hd - frm, crpxln - mic xln, fos frag, tr opa - lt brn cht, dk gy - blk Sh intbdds, tt, dull yel mnrl flr, no show

LS: dk gy - lt gy, hd - frm, crpxln - mic xln, fos frag







LS: dk gy - lt gy, no frm, crpxln - micxln, fos frag (Brac), tr lt brn cht, tt, dull yel mnrl flor, no show

SH: blk, frm - hd. fis - blk, n calc, v carb

LS: dk gy - v lt gy - crm, hd - frm, crpxln - micxln, fos frag (Brac), tr opaq - lt brn cht, tt, dull yel mnrl flor, no show

SH: blk - v dkgy, frm, blk, flakey, sl - v carb, SH: gy - dk gy, frm, blk, non calc, occ intbdd brn Ls

**ATOKA Logs 4910'**

SH: blk - gysh blk, frm, fis - blk, non calc, sl carb, dism pyr

LS: lt gysh brn - lt gy, hd - frm, crpxln - micxln, scat lt gy - lt brn Cht, intbdd blk sl carb Sh, tt, pale yel flor, no show

SH: blk - gysh blk, frm, fis - blk, non calc, sl carb, dism pyr. LS: lt gy - brnsh gy, hd, crpxln - micxln, occ sl arg, tr Cht, pyr, tt, no shows

SH: blk - gysh blk, frm, fis - blk, non calc, sl carb, dism pyr

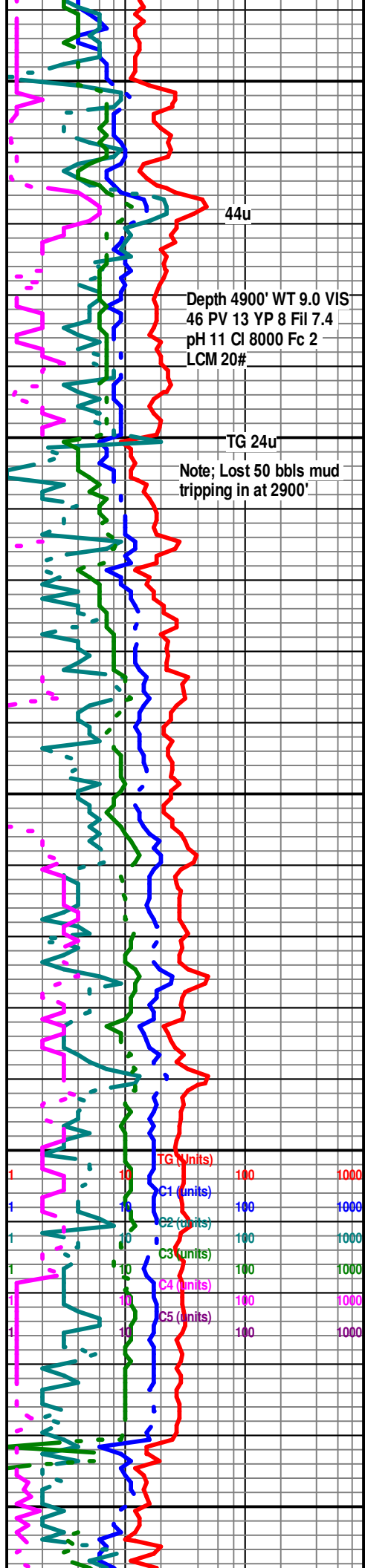
LS: lt gy - brnsh gy - dk gy, hd, crpxln - micxln, occ sl arg, abnt lt brn - opaq Cht, pyr, vf wh ool, tt, no shows

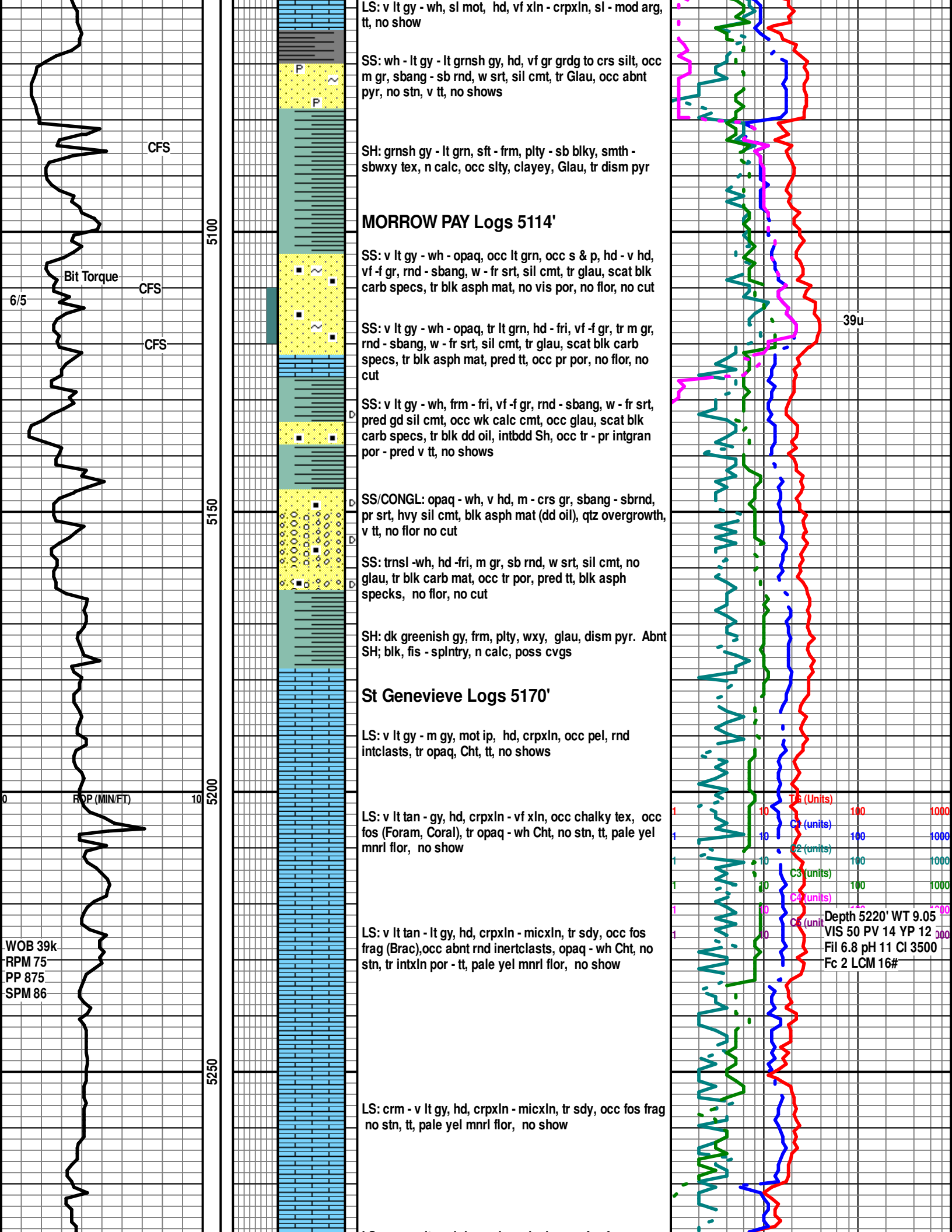
LS: lt gy - crm - dk gy, hd, crpxln - micxln, occ sl arg, abnt lt brn - opaq Cht, pyr, tr vf wh ool, tt, no shows

LS: lt gy, vf xln, micgran tex, sl sdy, tt, no shows

**MORROW Logs 5045'**

SH: v dk gy - blk, frm, fis - sb blk, n calc, sl carb, dism pyr





LS: v lt gy - wh, sl mot, hd, vf xln - crpxln, sl - mod arg, tt, no show

SS: wh - lt gy - lt grnsh gy, hd, vf gr grdg to crs silt, occ m gr, sbang - sb rnd, w srt, sil cmt, tr Glau, occ abnt pyr, no stn, v tt, no shows

SH: grnsh gy - lt grn, sft - frm, plty - sb blk, smth - sbwx tex, n calc, occ slty, clayey, Glau, tr dism pyr

**MORROW PAY Logs 5114'**

SS: v lt gy - wh - opa, occ lt grn, occ s & p, hd - v hd, vf - f gr, rnd - sbang, w - fr srt, sil cmt, tr glau, scat blk carb specs, tr blk asph mat, no vis por, no flor, no cut

SS: v lt gy - wh - opa, tr lt grn, hd - fri, vf - f gr, tr m gr, rnd - sbang, w - fr srt, sil cmt, tr glau, scat blk carb specs, tr blk asph mat, pred tt, occ pr por, no flor, no cut

SS: v lt gy - wh, frm - fri, vf - f gr, rnd - sbang, w - fr srt, pred gd sil cmt, occ wk calc cmt, occ glau, scat blk carb specs, tr blk dd oil, intbdd Sh, occ tr - pr intgran por - pred v tt, no shows

SS/CONGL: opa - wh, v hd, m - crs gr, sbang - sbrnd, pr srt, hvy sil cmt, blk asph mat (dd oil), qtz overgrowth, v tt, no flor no cut

SS: trnsi - wh, hd - fri, m gr, sb rnd, w srt, sil cmt, no glau, tr blk carb mat, occ tr por, pred tt, blk asph specks, no flor, no cut

SH: dk greenish gy, frm, plty, wxy, glau, dism pyr. Abnt SH; blk, fis - splntry, n calc, poss cvgs

**St Genevieve Logs 5170'**

LS: v lt gy - m gy, mot ip, hd, crpxln, occ pel, rnd intclasts, tr opa, Cht, tt, no shows

LS: v lt tan - gy, hd, crpxln - vf xln, occ chalky tex, occ fos (Foram, Coral), tr opa - wh Cht, no stn, tt, pale yel mnrl flor, no show

LS: v lt tan - lt gy, hd, crpxln - micxln, tr sdy, occ fos frag (Brac), occ abnt rnd inertclasts, opa - wh Cht, no stn, tr intxln por - tt, pale yel mnrl flor, no show

LS: crm - v lt gy, hd, crpxln - micxln, tr sdy, occ fos frag no stn, tt, pale yel mnrl flor, no show

CFS

5100

CFS

CFS

5150

5200

5250

Bit Torque

ROP (MIN/FT)

WOB 39k  
RPM 75  
PP 875  
SPM 86

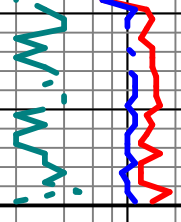
39u

T1 (Units) 100 1000  
C1 (units) 100 1000  
C2 (units) 100 1000  
C3 (units) 100 1000  
C4 (units) 100 1000  
C5 (units) 100 1000  
Depth 5220' WT 9.05  
VIS 50 PV 14 YP 12  
Fil 6.8 pH 11 Cl 3500  
Fc 2 LCM 16#

LS: crm - v lt gy, hd, crpxln - micxln, occ fos frag, no  
stn, tt, pale yel mnrl flr, no show

5300

Total Depth:  
Driller = 5300' (-1368')  
Logger = 5306' (-1374')





www.quasarenergyservices.com

# QUASAR ENERGY SERVICES, INC.

3288 FM 51  
Gainesville, Texas 76240  
Office: 940-612-3336

Fax: 940-612-3336 | qesi@qeserve.com



**FRACTURING | ACID | CEMENT | NITROGEN**

<b>BID #:</b> 8391		<b>AFE#/PO#:</b> 0	
<b>TYPE / PURPOSE OF JOB:</b> LONG STRING		<b>SERVICE POINT:</b> Liberal, KS	
<b>CUSTOMER:</b> PLATEAU OPERATING CORPORATION		<b>WELL NAME:</b> JOSEPHINE MACK #18-1	
<b>ADDRESS:</b> 4531 PARK LANE		<b>LOCATION:</b> TRIBUNE, KS	
<b>CITY:</b> DALLAS	<b>STATE:</b> TX	<b>ZIP:</b> 75220-2024	<b>COUNTY:</b> WALLACE
<b>DATE OF SALE:</b> 6/7/2024		<b>Perforations:</b> to	

QTY.	CODE	YD	UNIT	PUMPING AND EQUIPMENT USED	UNIT PRICE	AMOUNT
180	1000	L	Mile	Mileage - Pickup - Per Mile	\$5.58	\$ 1,004.40
360	1010	L	Mile	Mileage - Equipment Mileage - Per Mile	\$8.72	\$ 3,139.20
2	1020	L	Per Unit/HR	Wait - Per Unit Per Hour	\$577.50	\$ 1,155.00
1	5622	L	Per Well	Pumping Service Charge -1	\$2,315.25	\$ 2,315.25
1	5624	L	Per Well	Pumping Service Charge -3	\$4,630.50	\$ 4,630.50
1	6030	L	Per Well	Plug Container	\$347.29	\$ 347.29
1	4300	L	Each	Auto Fill Shoe (Blue) 5 1/2"	\$416.75	\$ 416.75
1	4370	L	Each	Latch Down Plug & Baffle 5 1/2"	\$902.95	\$ 902.95
1	4380	L	Each	D.V. Tool (Red) 5 1/2"	\$7,223.58	\$ 7,223.58
1	4410	L	Each	Port Collar (F.O. Tool) Blue 5 1/2"	\$4,167.45	\$ 4,167.45
25	4450	L	Each	Centralizers 5 1/2"	\$69.46	\$ 1,736.50
2	4470	L	Each	Cement Basket 5 1/2"	\$319.50	\$ 639.00
<b>Subtotal for Pumping &amp; Equipment Charges</b>						<b>\$ 27,677.87</b>

QTY.	CODE	YD	UNIT	MATERIALS	UNIT PRICE	AMOUNT
285	5635	L	Per Sack	Cement - Class A (LB)	\$23.54	\$ 6,708.90
81	5710	L	Per Lb.	C-15 Low Temp-Non Retarding Fluid Loss	\$11.81	\$ 956.61
3	5751	L	Per Gal	C-41L Defoamer Liquid	\$48.63	\$ 145.89
40	5801	L	per Lb.	Fiber Lock	\$7.72	\$ 308.80
570	5803	L	Per Lbs.	Tactical Blitz	\$2.63	\$ 1,499.10
535	5840	L	Per Lb.	Gel (Bentinite)	\$0.36	\$ 192.60
1,800	5890	L	Per Lb.	Salt	\$0.53	\$ 954.00
840	5952	L	Per Gal	MS Spacer	\$2.15	\$ 1,806.00
<b>Subtotal for Material Charges</b>						<b>\$ 12,571.90</b>

<b>MANHOURS:</b> 42		<b># WORKERS:</b> 3		<b>Subtotal for Material Charges</b>		<b>\$ 12,571.90</b>
<b>WORKERS</b>				<b>TOTAL</b>		<b>\$ 40,249.77</b>
KIRBY HARPER				<b>DISCOUNT: 15%</b>		<b>DISCOUNT \$ 6,037.47</b>
CARLOS IBARRA				<b>DISCOUNTED TOTAL</b>		<b>\$ 34,212.30</b>
MIGUEL MERCADO						

<b>STAMPS &amp; NOTES:</b>	As of 9/22/15 any invoice with a discount must paid within 60 days of the invoice date. After 60 days the discount will be removed and the invoice will reflect full price.	
	<b>CUSTOMER SIGNATURE &amp; DATE</b>	
	Signature:	Date:
*All accounts are past due net 30 days following the date of invoice. A finance charge of 1-1/2% per month or 18% annual percentage rate will be charged on all past due accounts.		Print Name:



**QUASAR ENERGY SERVICES, INC.**

3288 FM 51

Gainesville, Texas 76240

Office: 940-612-3336

Fax: 940-612-3336 | qesi@qeserve.com

Form 185-2q

6/6/24

CEMENTING JOB LOG

**CEMENTING JOB LOG**

<b>Company:</b> PLATEAU OPERATING CORPORATION			<b>Well Name:</b> JOSEPHINE MACK #18-1		
<b>Type Job:</b> LONG STRING			<b>AFE #:</b> 0		
CASING DATA					
<b>Size:</b>	5 1/2	<b>Grade:</b>	J55	<b>Weight:</b>	15.5
<b>Casing Depths</b>		Top: DVT 4302	Bottom: 5308		
<b>Drill Pipe:</b>	Size: 0	<b>Weight:</b>	0		
<b>Tubing:</b>	Size: 0	<b>Weight:</b>	0	<b>Grade:</b> 0	<b>TD (ft):</b> 5300
<b>Open Hole:</b>	Size: 7 7/8	<b>T.D. (ft):</b>	5300		
<b>Perforations</b>	<b>From (ft):</b> 0	<b>To:</b> 0	<b>Packer Depth(ft):</b> RT COLLAR @ 2804		
CEMENT DATA					
<b>Spacer Type:</b>		10 BBL MS SPACER			
<b>Amt.</b>		<b>Sks Yield</b>		<b>ft<sup>3</sup>/sk</b>	<b>Density (PPG)</b>
<b>LEAD:</b>	CLASS A -- 2% GEL, 0.3% C15, 2# BLITZ, 10% SALT				Excess
<b>Amt.</b>	145	<b>Sks Yield</b>	1.52	<b>ft<sup>3</sup>/sk</b>	<b>Density (PPG)</b> 14.4
<b>TAIL:</b>					Excess
<b>Amt.</b>		<b>Sks Yield</b>		<b>ft<sup>3</sup>/sk</b>	<b>Density (PPG)</b>
<b>WATER:</b>					
<b>Lead:</b>		<b>gals/sk:</b> 7.5	<b>Tail:</b>	<b>gals/sk:</b>	<b>Total (bbls):</b>
<b>Pump Trucks Used:</b>	110 -- DP15				
<b>Bulk Equipment:</b>	227 -- 660-20				
<b>Disp. Fluid Type:</b>	MUD WATER	<b>Amt. (Bbls.)</b>	125	<b>Weight (PPG):</b>	
<b>Mud Type:</b>				<b>Weight (PPG):</b>	
<b>COMPANY REPRESENTATIVE:</b> JOHN			<b>CEMENTER:</b> KIRBY HARPER		

TIME AM/PM	PRESSURES PSI			FLUID PUMPED DATA		REMARKS
	Casing	Tubing	ANNULUS	TOTAL	RATE	
1600						ON LOCATION -- SPOT AND RIG UP
2130						CASING ON BOTTOM -- BREAK CIRC
2250	4200					PRESSURE TEST
2300	300			10	4	PUMP MS SPACER
2303	250			39	5	MIX 145 SK LEAD @ 14.4 PPG
2313						SHUT DOWN -- CLEAN LINES -- DROP PLUG
2320	150			0	5	DISPLACE WITH WATER
2325	150			25	5	DISPLACE WITH MUD
2338	150			95	3	SLOW RATE
2349	600			125.5	3	SHUT DOWN -- PLUG DIDN'T LAND
2351						RELEASE PRESSURE -- FLOATS HELD
2359						DROP OPENING TOOL
0032	800					OPEN TOOL -- BREAK CIRC -- WOC
						TOP STAGE ON ADDITIONAL SHEET



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Fax: 940-612-3336 | qesi@qeserve.com

Form 185-2q

6/7/24

CEMENTING JOB LOG

**CEMENTING JOB LOG**

**Company:** PLATEAU OPERATING CORPORATION **Well Name:** JOSEPHINE MACK #18-1

**Type Job:** LONG STRING **AFE #:** 0

**CASING DATA**

<b>Size:</b>	5 1/2	<b>Grade:</b>	J55	<b>Weight:</b>	15.5
<b>Casing Depths</b>	Top: DVT 4302	Bottom:	5308		
<b>Drill Pipe:</b>	Size: 0	<b>Weight:</b>	0		
<b>Tubing:</b>	Size: 0	<b>Weight:</b>	0	<b>Grade:</b>	0
<b>Open Hole:</b>	Size: 7 7/8	<b>T.D. (ft):</b>	5300	<b>TD (ft):</b>	5300
<b>Perforations</b>	From (ft): 0	To: 0	<b>Packer Depth(ft):</b>	RT COLLAR @ 2804	

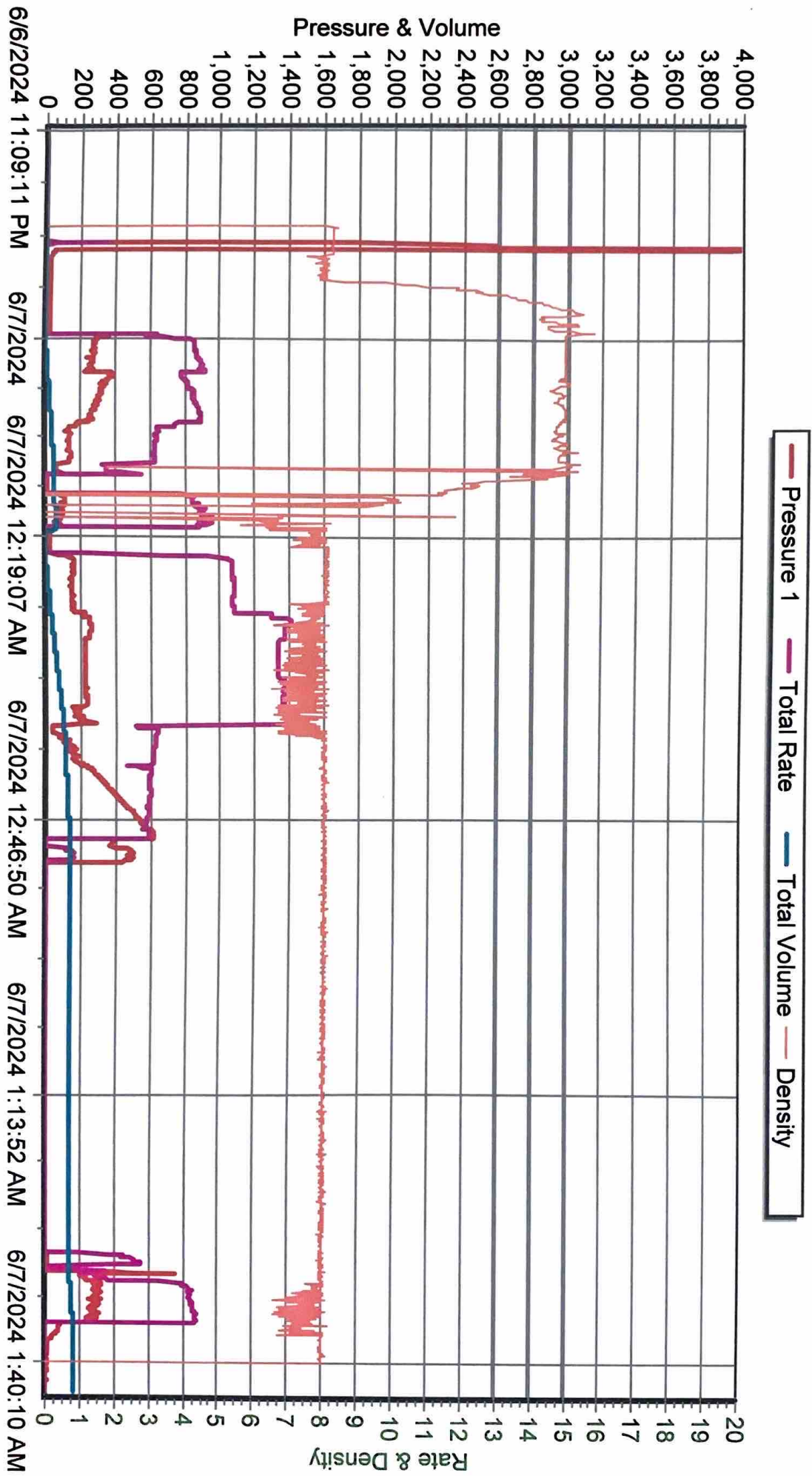
**CEMENT DATA**

<b>Spacer Type:</b>	10 BBL MS SPACER				
<b>Amt.</b>	<b>Sks Yield</b>		<b>ft<sup>3</sup>/sk</b>		<b>Density (PPG)</b>
<b>LEAD:</b>	CLASS A -- 2% GEL, 0.3% C15, 2# BLITZ, 10% SALT				Excess
<b>Amt.</b>	140	<b>Sks Yield</b>	1.52	<b>ft<sup>3</sup>/sk</b>	<b>Density (PPG)</b> 14.4
<b>TAIL:</b>					Excess
<b>Amt.</b>	<b>Sks Yield</b>		<b>ft<sup>3</sup>/sk</b>		<b>Density (PPG)</b>
<b>WATER:</b>					
<b>Lead:</b>	<b>gals/sk:</b>	7.5	<b>Tail:</b>	<b>gals/sk:</b>	<b>Total (bbls):</b>
<b>Pump Trucks Used:</b>	110 -- DP04				
<b>Bulk Equipment:</b>	227 -- 660-20				
<b>Disp. Fluid Type:</b>	WATER	<b>Amt. (Bbls.)</b>	102.4	<b>Weight (PPG):</b>	8.33
<b>Mud Type:</b>					<b>Weight (PPG):</b>

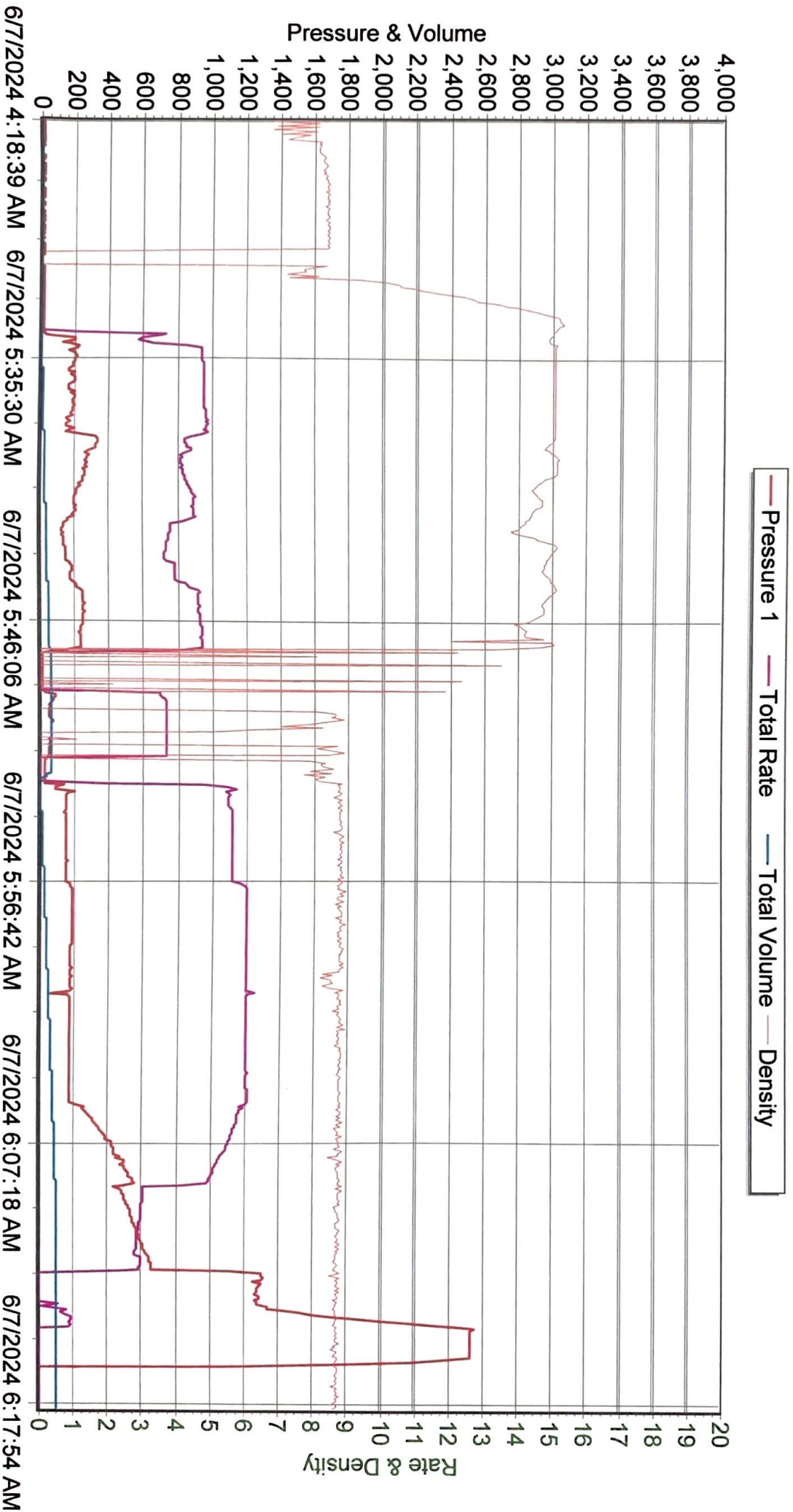
**COMPANY REPRESENTATIVE:**                             JOHN                             **CEMENTER:**                             KIRBY HARPER                            

TIME	PRESSURES PSI			FLUID PUMPED DATA		REMARKS	
	AM/PM	Casing	Tubing	ANNULUS	TOTAL		RATE
0435		200			10	5	PUMP MS SPACER
0438		350			38	5	MIX 140 SK LEAD @ 14.4 PPG
0447							SHUT DOWN -- DROP PLUG -- CLEAN LINES
0453		150			0	5	DISPLACE WITH FRESH WATER
0509		450			92	3	SLOW RATE
0512		650-2500			102		BUMP PLUG -- CLOSE TOOL
0513		2500-0					RELEASE PRESSURE -- TOOL CLOSED

**PLATEAU OPERATING CORPORATION**  
**JOSEPHINE MACK #18-1**  
**5.5" LONGSTRING -- BOTTOM STAGE**  
**06/07/2024**



**PLATEAU OPERATING CORPORATION**  
**JOSEPHINE MACK #18-1**  
**5.5" LONGSTRING -- TOP STAGE**  
**06/07/2024**





# QUASAR ENERGY SERVICES, INC.



3288 FM 51  
 Gainesville, Texas 76240  
 Office: 940-612-3336

Fax: 940-612-3336 | qesi@qeserve.com



**FRACTURING | ACID | CEMENT | NITROGEN**

**BID #:** 8748      **AFE#/PO#:** 0

**TYPE / PURPOSE OF JOB:** CEMENT      **SERVICE POINT:** Liberal, KS

**CUSTOMER:** PLATEAU OPERATING CORPORATION      **WELL NAME:** JOSEPHINE MACK 18-1

**ADDRESS:** 4531 PARK LANE      **LOCATION:** TRIBUNE, KS

**CITY:** DALLAS      **STATE:** TX      **ZIP:** 75220-2022      **COUNTY:** WALLACE      **STATE:** KS

**DATE OF SALE:** 7/22/2024      **Perforations:** to

QTY.	CODE	YD	UNIT	PUMPING AND EQUIPMENT USED	UNIT PRICE	AMOUNT
180	1000	L	Mile	Mileage - Pickup - Per Mile	\$5.58	\$ 1,004.40
360	1010	L	Mile	Mileage - Equipment Mileage - Per Mile	\$8.72	\$ 3,139.20
1	5622	L	Per Well	Pumping Service Charge -1	\$2,315.25	\$ 2,315.25
<b>Subtotal for Pumping &amp; Equipment Charges</b>						<b>\$ 6,458.85</b>

QTY.	CODE	YD	UNIT	MATERIALS	UNIT PRICE	AMOUNT
100	5635	L	Per Sack	Cement - Class A (LB)	\$23.54	\$ 2,354.00
200	5638	L	Per Sack	Cement - Lite - A (LB)	\$23.54	\$ 4,708.00
66	5800	L	Per Lb.	Cello Flakes-Poly Flake 1/8" cut	\$2.78	\$ 183.48
20	5801	L	per Lb.	Fiber Lock	\$7.72	\$ 154.40
1,008	5840	L	Per Lb.	Gel (Bentinite)	\$0.36	\$ 362.88
100	5900	L	Per Lb.	Sodium Metasilicate (SMS) C-45	\$2.44	\$ 244.00
420	5952	L	Per Gal	MS Spacer	\$2.15	\$ 903.00
25	2502	L	Per Gal	Clayplex 650	\$49.90	\$ 1,247.50
<b>Subtotal for Material Charges</b>						<b>\$ 10,157.26</b>

<b>MANHOURS:</b> 18	<b># WORKERS:</b> 3	<b>TOTAL</b>		<b>\$ 16,616.11</b>								
<table border="1"> <thead> <tr> <th colspan="2">WORKERS</th> </tr> </thead> <tbody> <tr> <td>KIRBY HARPER</td> <td></td> </tr> <tr> <td>ANGEL ECHEVARIA</td> <td></td> </tr> <tr> <td>MIGUEL MERCADO</td> <td></td> </tr> </tbody> </table>		WORKERS		KIRBY HARPER		ANGEL ECHEVARIA		MIGUEL MERCADO		<b>DISCOUNT:</b> 15%	<b>DISCOUNT</b>	<b>\$ 2,492.42</b>
		WORKERS										
		KIRBY HARPER										
ANGEL ECHEVARIA												
MIGUEL MERCADO												
<b>DISCOUNTED TOTAL</b>		<b>\$ 14,123.69</b>										

**STAMPS & NOTES:**

As of 9/22/15 any invoice with a discount must be paid within 60 days of the invoice date. After 60 days the discount will be removed and the invoice will reflect full price.

**CUSTOMER SIGNATURE & DATE**

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

\*All accounts are past due net 30 days following the date of invoice. A finance charge of 1-1/2% per month or 18% annual percentage rate will be charged on all past due accounts.

Print Name: \_\_\_\_\_



**QUASAR ENERGY SERVICES, INC.**

3288 FM 51

Gainesville, Texas 76240

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Fax: 940-612-3336 | qesi@qeserve.com

Form 185-2q

7/22/24

CEMENTING JOB LOG

**CEMENTING JOB LOG**

<b>Company:</b> PLATEAU OPERATING CORPORATION		<b>Well Name:</b> JOSEPHINE MACK 18-1	
<b>Type Job:</b> CEMENT		<b>AFE #:</b> 0	
CASING DATA			
<b>Size:</b>	5 1/2	<b>Grade:</b>	0
		<b>Weight:</b>	15.6
<b>Casing Depths</b>	<b>Top:</b> 0	<b>Bottom:</b> 5300	
<b>Drill Pipe:</b>	<b>Size:</b> 0	<b>Weight:</b> 0	
<b>Tubing:</b>	<b>Size:</b> 2 3/8	<b>Weight:</b> 0	<b>Grade:</b> 0
			<b>TD (ft):</b> 5300
<b>Open Hole:</b>	<b>Size:</b> 7 7/8	<b>T.D. (ft):</b> 5300	
<b>Perforations</b>	<b>From (ft):</b> 0	<b>To:</b> 0	<b>Packer Depth(ft):</b> 'ORT COLLAR -- 285
CEMENT DATA			
<b>Spacer Type:</b>	10 BBL MS SPACER		
<b>Amt.</b>	<b>Sks Yield</b>	<b>ft<sup>3</sup>/sk</b>	<b>Density (PPG)</b>
<b>LEAD:</b>	CLASS A -- 50/50-8 -- 0.3% C19, 1/4# CELLFLAKE		Excess
<b>Amt.</b> 200	<b>Sks Yield</b> 3.2	<b>ft<sup>3</sup>/sk</b>	<b>Density (PPG)</b> 10.8
<b>TAIL:</b>	CLASS A -- 1% SMS, 1/4# CELLFLAKE		Excess
<b>Amt.</b> 100	<b>Sks Yield</b> 1.56	<b>ft<sup>3</sup>/sk</b>	<b>Density (PPG)</b> 13.9
<b>WATER:</b>			
<b>Lead:</b>	<b>gals/sk:</b> 20	<b>Tail:</b>	<b>gals/sk:</b> 8
			<b>Total (bbls):</b>
<b>Pump Trucks Used:</b>	110 -- DP15		
<b>Bulk Equipment:</b>	227 -- 660-25		
<b>Disp. Fluid Type:</b> 4% KCL WATER	<b>Amt. (Bbls.)</b> 9	<b>Weight (PPG):</b>	8.33
<b>Mud Type:</b>		<b>Weight (PPG):</b>	
<b>COMPANY REPRESENTATIVE:</b> _____		<b>CEMENTER:</b> KIRBY HARPER	

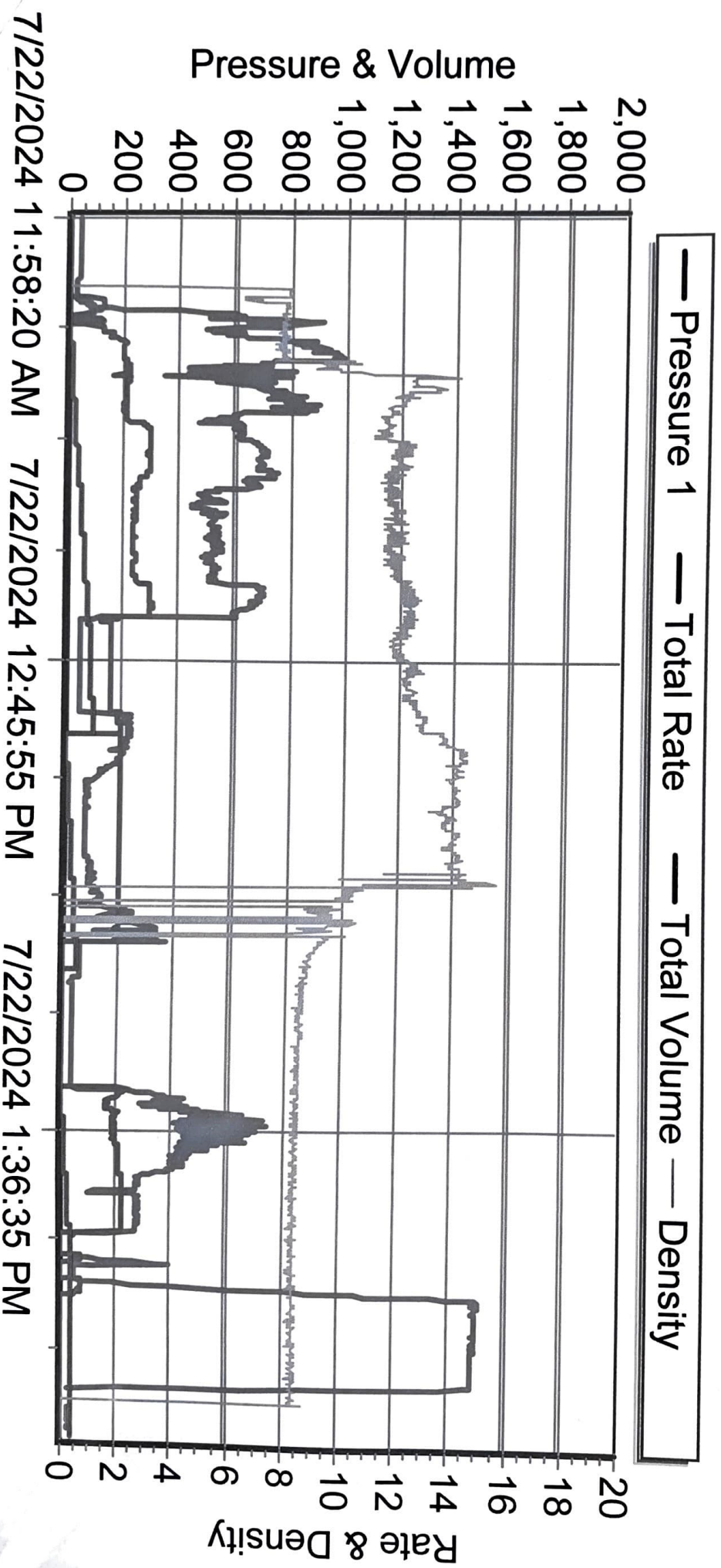
TIME AM/PM	PRESSURES PSI			FLUID PUMPED DATA		REMARKS
	Casing	Tubing	ANNULUS	TOTAL	RATE	
1000						ON LOCATION -- SPOT AND RIG UP
1100						OPEN PORT COLLAR
1111		900		10	2	PUMP MS SPACER
1118		750		114	2	MIX 200 SK LEAD @ 10.8 PPG
1154		200		28	2	MIX 100 SK TAIL @ 13.9 PPG
1211		50		9	2	DISPLACE WITH FRESH WATER
1216						SHUT DOWN -- CLOSE P.C. -- RIH W/2 JTS.
1232			400	25	2.5	REVERSE OUT
1251						SHUT DOWN
1254	1500					PRESSURE TEST CASING
1304						RELEASE PRESSURE -- RIH W/TBNG
1426			400	135	2.5	CIRCULATE WELL WITH 4% KCL
1522						SHUT DOWN

# PLATEAU OPERATING CORPORATION

## JOSEPHINE MACK 18-1

### CEMENT PORT COLLAR

07/22/2024





# QUASAR ENERGY SERVICES, INC.

3288 FM 51  
Gainesville, Texas 76240  
Office: 940-612-3336

Fax: 940-612-3336 | qesi@qeserve.com



**FRACTURING | ACID | CEMENT | NITROGEN**

BID #: 8390      AFE#/PO#: 0

<b>TYPE / PURPOSE OF JOB:</b> SURFACE			<b>SERVICE POINT:</b> Liberal, KS		
<b>CUSTOMER:</b> PLATEAU OPERATING CORP.			<b>WELL NAME:</b> MACK 18-1		
<b>ADDRESS:</b> 4531 PARK LANE			<b>LOCATION:</b> WESKAN, KS		
<b>CITY:</b> DALLAS	<b>STATE:</b> TX	<b>ZIP:</b> 75220-2022	<b>COUNTY:</b> WALLACE	<b>STATE:</b> KS	

<b>DATE OF SALE:</b> 5/31/2024			<b>Perforations:</b> to			
QTY.	CODE	YD	UNIT	PUMPING AND EQUIPMENT USED	UNIT PRICE	AMOUNT
186	1000	L	Mile	Mileage - Pickup - Per Mile	\$5.58	\$ 1,037.88
372	1010	L	Mile	Mileage - Equipment Mileage - Per Mile	\$8.72	\$ 3,243.84
1	5622	L	Per Well	Pumping Service Charge -1	\$2,315.25	\$ 2,315.25
1	6030	L	Per Well	Plug Container	\$347.29	\$ 347.29
15	1020	L	Per Unit/HR	Wait - Per Unit Per Hour	\$577.50	\$ 8,662.50
<b>Subtotal for Pumping &amp; Equipment Charges</b>						<b>\$ 15,606.76</b>

QTY.	CODE	YD	UNIT	MATERIALS	UNIT PRICE	AMOUNT
435	5635	L	Per Sack	Cement - Class A (LB)	\$23.54	\$ 10,239.90
1	4780	L	Each	Guide Shoe 8 5/8"	\$541.77	\$ 541.77
1	4880	L	Each	Insert Float 8 5/8"	\$416.75	\$ 416.75
1	4900	L	Each	Top Rubber Plug 8 5/8"	\$96.47	\$ 96.47
6	4920	L	Each	Centralizers 8 5/8"	\$97.24	\$ 583.44
5	5751	L	Per Gal	C-41L Defoamer Liquid	\$48.63	\$ 243.15
400	5770	L	Per Lb.	Calcium Chloride	\$1.53	\$ 612.00
102	5800	L	Per Lb.	Cello Flakes-Poly Flake 1/8" cut	\$2.78	\$ 283.56
400	5900	L	Per Lb.	Sodium Metasilicate (SMS) C-45	\$2.44	\$ 976.00
240	5635	L	Per Sack	Cement - Class A (LB)	\$23.54	\$ 5,649.60

<b>MANHOURS:</b> 41	<b># WORKERS:</b> 3	<b>Subtotal for Material Charges</b>	<b>\$</b>	<b>19,642.64</b>
<b>WORKERS</b>				<b>TOTAL</b>
CHAD HINZ			\$	35,249.40
NOEL LEON			<b>DISCOUNT: 15%</b>	<b>DISCOUNT</b>
JOSE MARTINEZ			\$	5,287.41
<b>DISCOUNTED TOTAL</b>				<b>\$ 29,961.99</b>

<b>STAMPS &amp; NOTES:</b>	As of 9/22/15 any invoice with a discount must paid within 60 days of the invoice date. After 60 days the discount will be removed and the invoice will reflect full price.
	<b>CUSTOMER SIGNATURE &amp; DATE</b>
	Signature: _____ Date: _____
*All accounts are past due net 30 days following the date of invoice. A finance charge of 1-1/2% per month or 18% annual percentage rate will be charged on all past due accounts.	
Print Name: _____	



QUASAR ENERGY SERVICES, INC.

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Form 185-2q

5/31/24

CEMENTING JOB LOG

CEMENTING JOB LOG

Company: PLATEAU OPERATING CORP. Well Name: MACK 18-1

Type Job: SURFACE AFE #: 0

CASING DATA

Table with Casing Data: Size (8 5/8), Grade (J55), Weight (24), Casing Depths (Top: 0, Bottom: 647.6), Drill Pipe (Size: 0, Weight: 0), Tubing (Size: 0, Weight: 0, Grade: 0, TD (ft): 650), Open Hole (Size: 12 1/4, T.D. (ft): 650), Perforations (From (ft): 0, To: 0, Packer Depth(ft): 0)

CEMENT DATA

Table with Cement Data: Spacer Type, LEAD (TOP OFF CLASS A, Amt. 240, Sks Yield 1.17, Density 15.6), TAIL (CLASS A 1%SMS, 1%CC, 1/4#POLY, Amt. 435, Sks Yield 1.56, Density 13.93)

WATER: Lead: 5.2 gals/sk, 30 Tail: 8 gals/sk, 83 Total (bbls): 113

Pump Trucks Used: 210-DP11

Bulk Equipment: 230 660-38 228 660-20

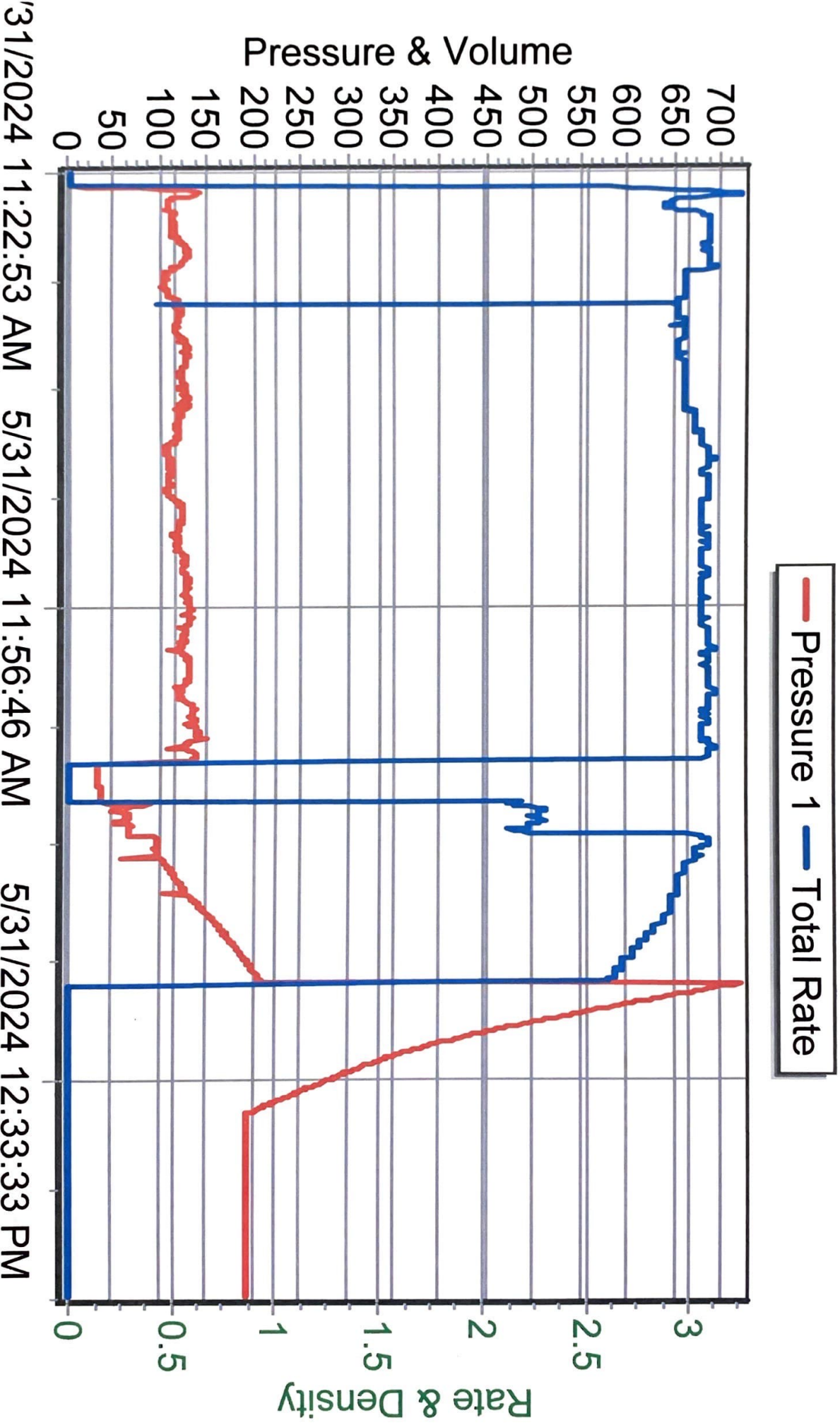
Disp. Fluid Type: FRESH Amt. (Bbls.) 38.5 Weight (PPG): 8.3

Mud Type: Weight (PPG):

COMPANY REPRESENTATIVE: VIGIL CEMENTER: CHAD HINZ

Main data table with columns: TIME, AM/PM, PRESSURES PSI (Casing, Tubing, ANNULUS), FLUID PUMPED DATA (TOTAL, RATE), REMARKS. Includes entries from 0200 to 1815.

# PLATEAU OPERATING CORP. MACK 18-1 8 5/8



Conservation Division  
266 N. Main St., Ste. 220  
Wichita, KS 67202-1513



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

Andrew J. French, Chairperson  
Dwight D. Keen, Commissioner  
Annie Kuether, Commissioner

Laura Kelly, Governor

October 18, 2024

Bill Kerrigan  
Plateau Operating Corporation  
PO BOX 50974  
NASHVILLE, TN 37205-0974

Re: ACO-1  
API 15-199-20458-00-00  
JOSEPHINE MACK #18-1  
NE/4 Sec.18-15S-42W  
Wallace County, Kansas

Dear Bill Kerrigan:

K.A.R. 82-3-107 provides for all completion information to be filed within 120 days of the spud date. Subsection(e)(2) of that regulation states "All rights to confidentiality shall be lost if the filings are not timely."

The above referenced well was spudded on 5/30/2024 and the ACO-1 was received on October 17, 2024 (not within the 120 days timely requirement).

Therefore, your request for confidential treatment of data contained within the ACO-1 filing cannot be granted at this time.

If you should have any questions, please do not hesitate to contact me at (316)337-6200.

Sincerely,

Production Department