

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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Form	ACO1 - Well Completion
Operator	BEREXCO LLC
Well Name	RAMSEY UNIT 7-14
Doc ID	1746284

All Electric Logs Run

Microlog
Induction
Porosity
Sonic

Form	ACO1 - Well Completion
Operator	BEREXCO LLC
Well Name	RAMSEY UNIT 7-14
Doc ID	1746284

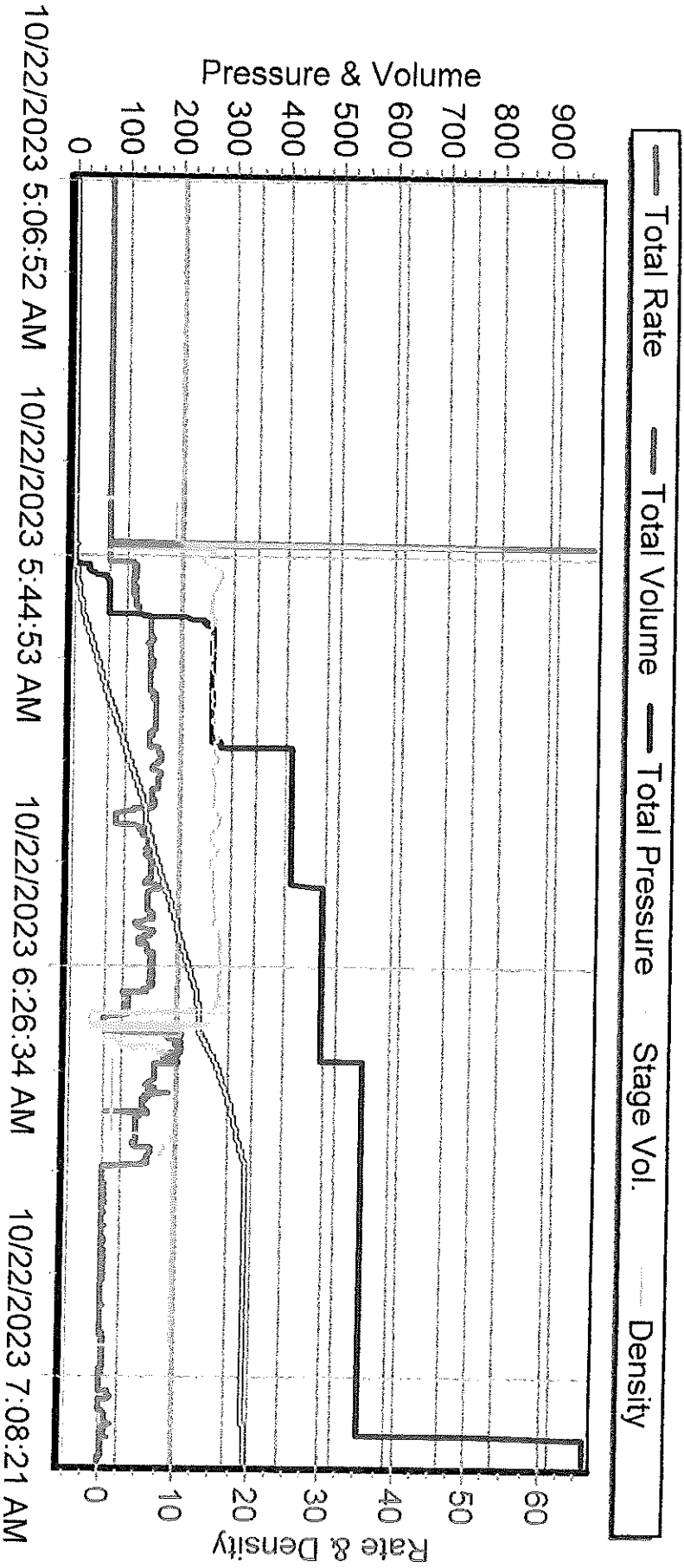
### Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement	Number of Sacks Used	Type and Percent Additives
Surface	12.25	8.625	24	1751	65/35 poz (Lead), Class A (Tail)	760	6% gel, 1/4# flakes, 2%CC (Lead), 1/4# flakes, 2% CC (Tail)
Production	7.875	5.5	15.5	4898	50/50 poz (Lead), Class H (Lead), Class H (Tail)	250	8% gel, 1/4# flakes, 0.3% fluid loss (Lead), 10% gyp, 10% salt, 0.5% fluid loss, 2#/sk tactical blitz (Tail)
Production	7.875	5.5	15.5	3199	50/50 poz (Lead), Class H (Tail)	300	8% gel, 1/4# flakes, 0.3% fluid loss (Lead), 10% gyp, 10% salt, 0.5% fluid loss, 2# tactical blitz (Tail)





BEREXCO INC  
RAMSEY UNIT 7-14  
SURFACE 10-22-23

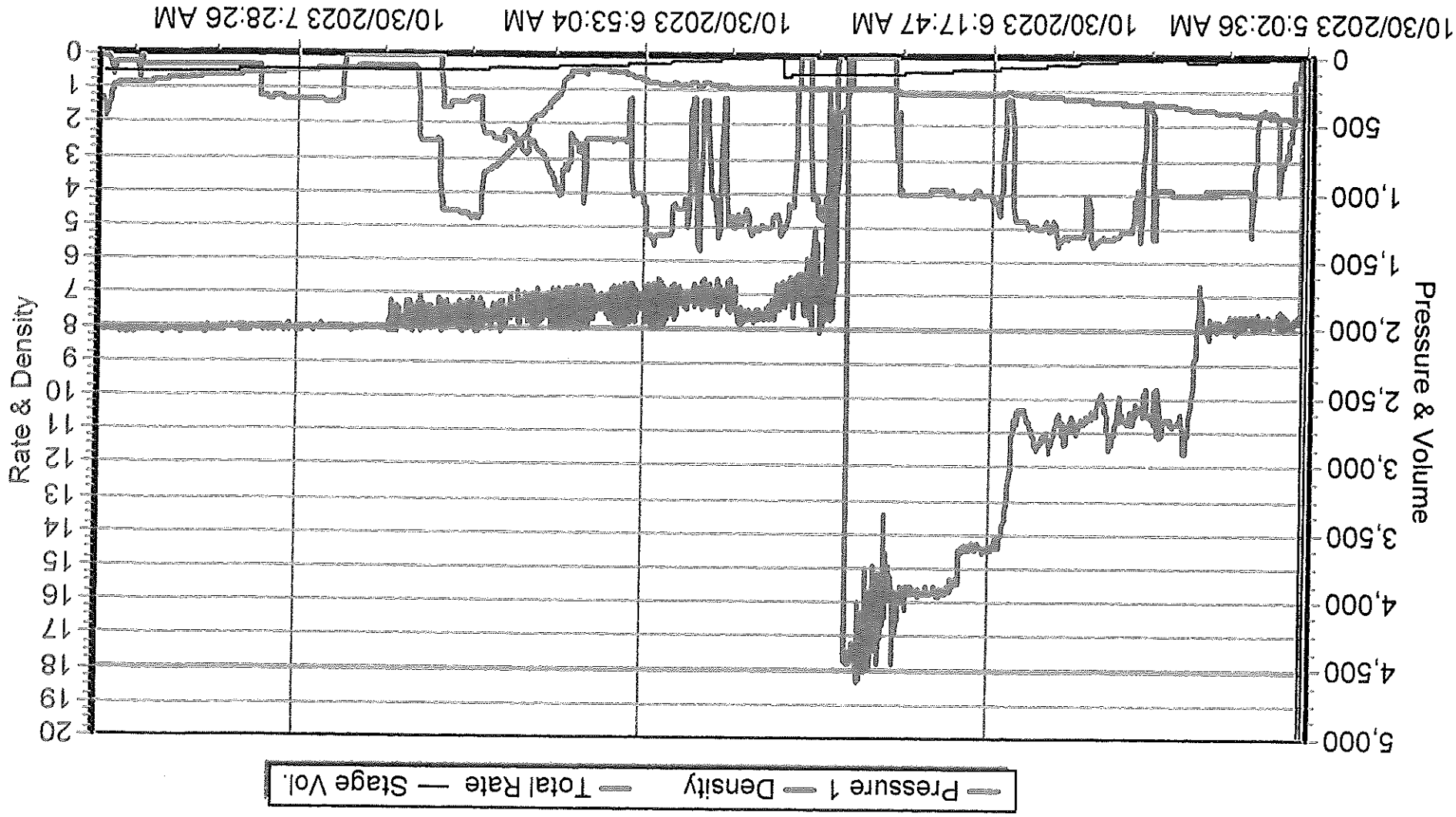






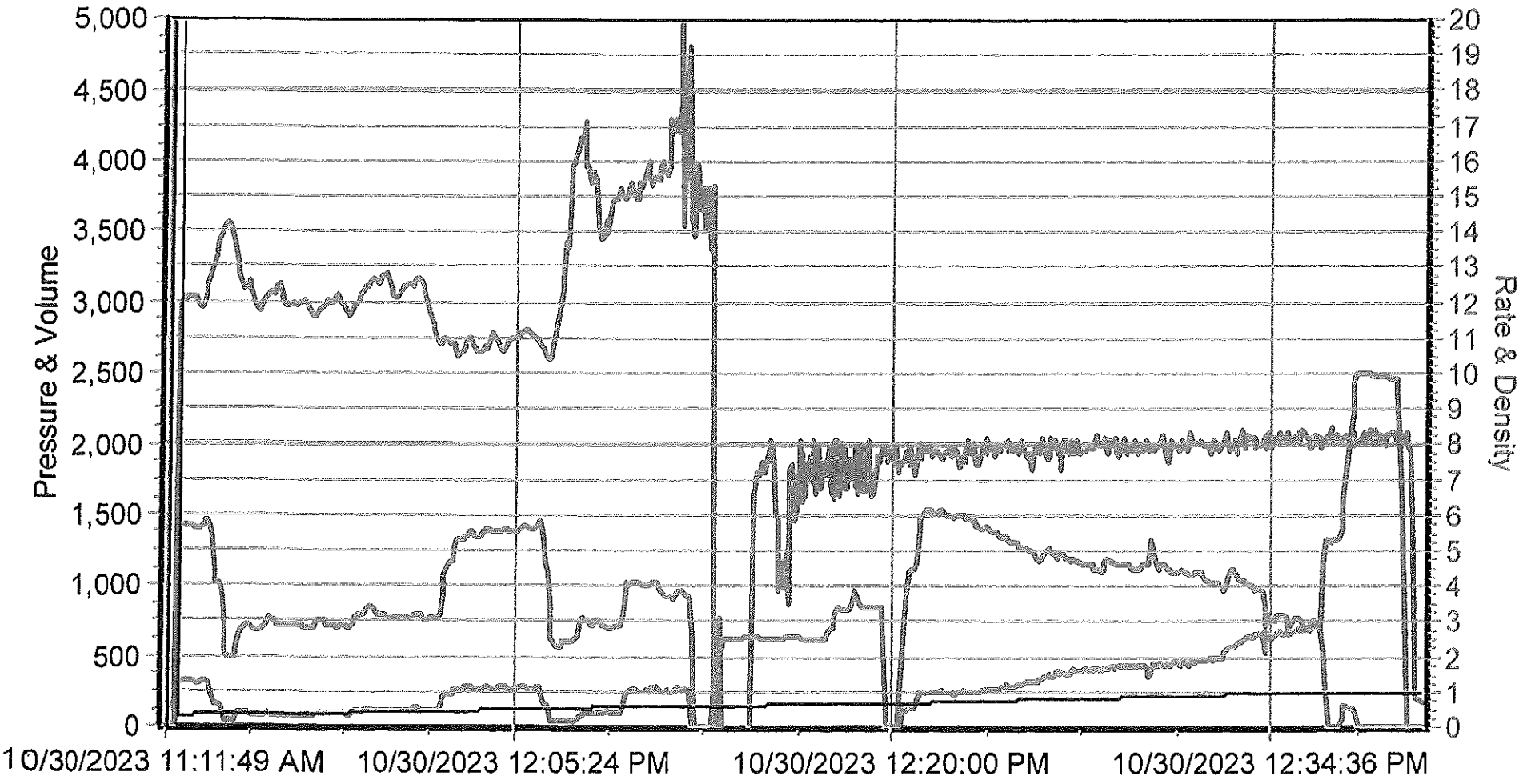


BEREXCO INC  
RAMSEY UNIT 7-14  
5.5" LONGSTRING  
10/30/2023



BEREXCO INC  
RAMSEY UNIT 7-14  
5.5" LONGSTRING -- 2ND STAGE  
10/30/2023

— Pressure 1 — Density — Total Rate — Stage Vol.





**Company: Berexco, LLC**  
**Lease: Ramsey Unit #7-14**

SEC: 14 TWN: 23S RNG: 34W  
 County: FINNLEY  
 State: KS  
 Drilling Contractor: Duke Drilling Company, Inc - Rig 5  
 Elevation: 2939 gl  
 Field Name: Great Eastern Ditch  
 Pool: Infield  
 Job Number: 702  
 API #: 15-055-22593

**Operation:**  
 Uploading recovery & pressures

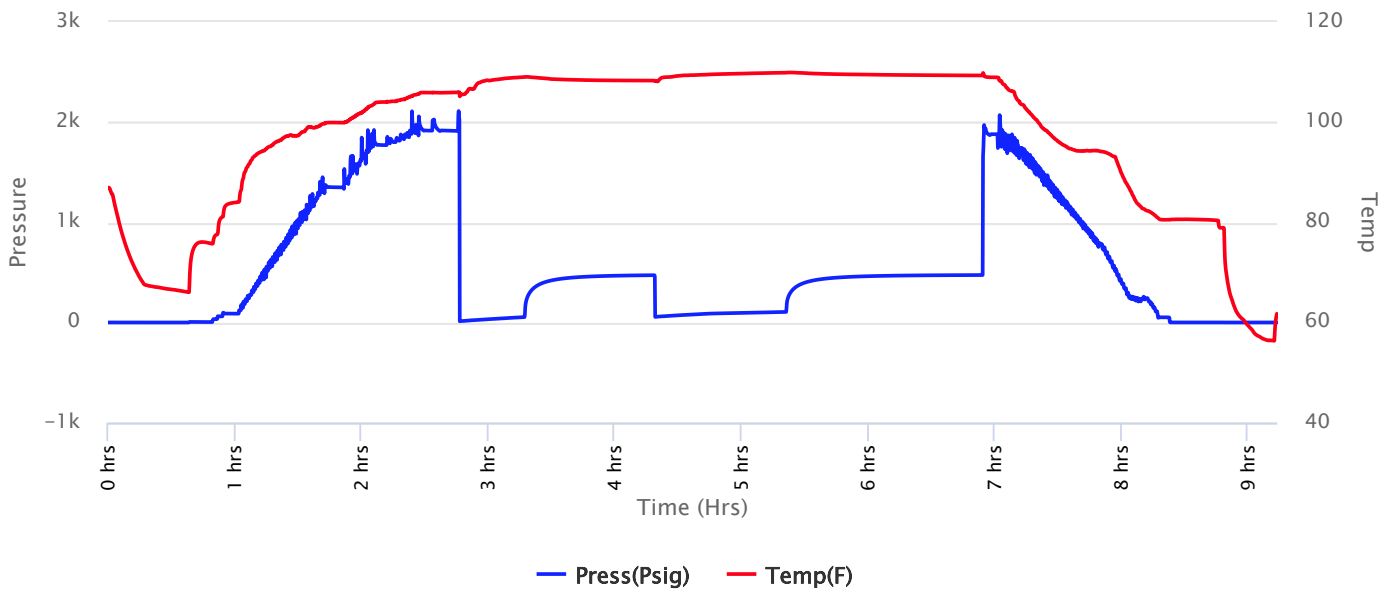
**DATE**  
 October  
**25**  
 2023

**DST #1**      **Formation: Lansing B**      **Test Interval: 4040 - 4050'**      **Total Depth: 4050'**  
 Time On: 20:41 10/25      Time Off: 05:39 10/26  
 Time On Bottom: 23:26 10/25      Time Off Bottom: 03:26 10/26

Electronic Volume Estimate:  
 194'

<u>1st Open</u>	<u>1st Close</u>	<u>2nd Open</u>	<u>2nd Close</u>
Minutes: 30	Minutes: 60	Minutes: 60	Minutes: 90
Current Reading: 3.2" at 30 min	Current Reading: 0.0" at 60 min	Current Reading: 4.4" at 60 min	Current Reading: 0.0" at 90 min
Max Reading: 3.2"	Max Reading: 0.0"	Max Reading: 4.4"	Max Reading: 0.0"

Inside Recorder





**Company: Berexco, LLC**  
**Lease: Ramsey Unit #7-14**

SEC: 14 TWN: 23S RNG: 34W  
 County: FINNLEY  
 State: KS  
 Drilling Contractor: Duke Drilling Company, Inc - Rig 5  
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 Time On: 20:41 10/25      Time Off: 05:39 10/26  
 Time On Bottom: 23:26 10/25      Time Off Bottom: 03:26 10/26

Recovered

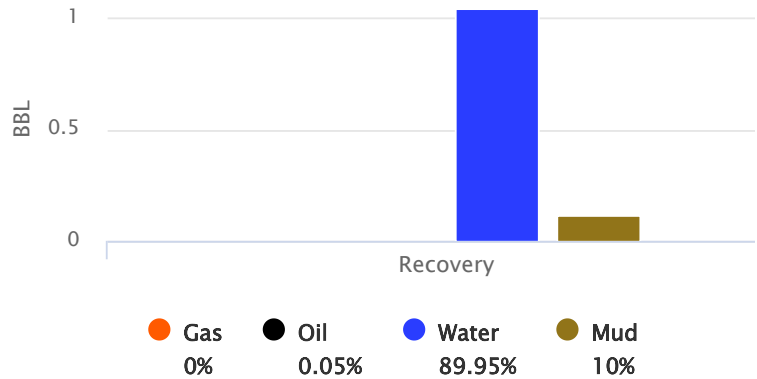
<u>Foot</u>	<u>BBLs</u>	<u>Description of Fluid</u>	<u>Gas %</u>	<u>Oil %</u>	<u>Water %</u>	<u>Mud %</u>
194	1.1553898	SLMCW (trace O)	0	.05	89.95	10

Total Recovered: 194 ft  
 Total Barrels Recovered: 1.1553898

**Reversed Out**  
 NO

Initial Hydrostatic Pressure	1914	PSI
Initial Flow	12 to 54	PSI
<b>Initial Closed in Pressure</b>	<b>472</b>	<b>PSI</b>
Final Flow Pressure	60 to 106	PSI
<b>Final Closed in Pressure</b>	<b>474</b>	<b>PSI</b>
Final Hydrostatic Pressure	1906	PSI
Temperature	110	°F
Pressure Change Initial Close / Final Close	0.0	%

**Recovery at a glance**



GIP cubic foot volume: 0













# 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: Ramsey Unit #7-14  
Well Id: 15-055-22593  
Location: E/2 W/2 NW SW Sec. 14, T23S-R32W Finney County, Kansas  
License Number: 34318 Region: Hugoton Embayment  
Spud Date: 20 OCT 23 Drilling Completed: 29 OCT 23  
Surface Coordinates: 1980' FSL & 540' FWL  
Lat 38.052519042, Long -101.027157387  
Bottom Hole  
Coordinates:  
Ground Elevation (ft): 2939' K.B. Elevation (ft): 2950'  
Logged Interval (ft): 3601' To: 4900' Total Depth (ft): 4900'  
Formation: DOUGLAS thru ST. LOUIS  
Type of Drilling Fluid: Freshwater Chemical

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

## OPERATOR

Company: BEREXCO, LLC  
Address: 2020 North Bramblewood Drive  
Wichita, Kansas 67206 1094

## 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

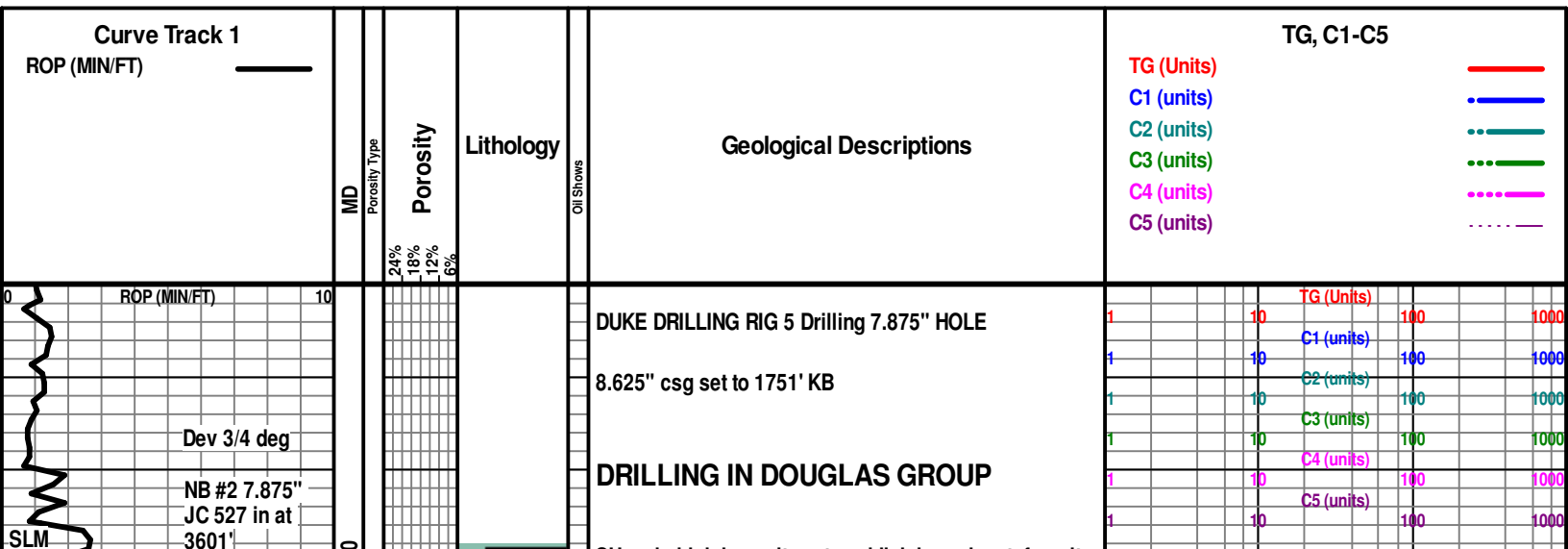
- Dead

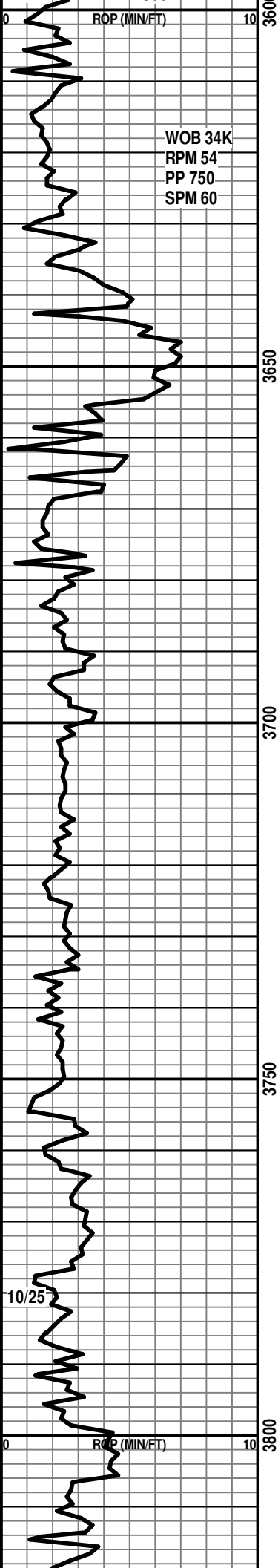
#### INTERVAL

- Dst
- Dst

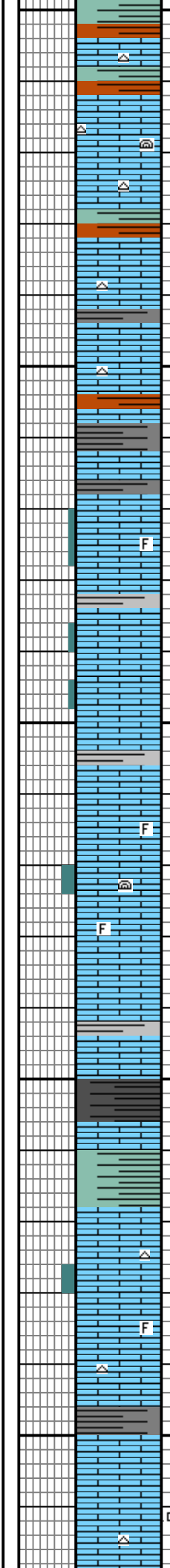
#### EVENT

- Rft
- Sidewall





WOB 34K  
RPM 54  
PP 750  
SPM 60



SH: pale bluish gy - lt gy, tr reddish brn, sl mot, frm ppty, sb wxy, v sl calc

LS: lt gy - lt tn, hd, crpxln, occ sdy, lt orng cht, intbdd lt gy SH, tt, no show

LS: v lt gy - lt tan, frm - hd, crpxln, occ packst, abnt fos, tr blk Algal specs, tt, no show

LS: lt tn - wh -crm, hd, crpxln, fos frag, tt, pale yel mnrl flor, no show. SH: dk gy, frm, blk, calc

LS: lt gy - lt tn, hd, crpxln, occ sdy, sl arg, tr lt gy SH, tr smokey gy Cht. tt, pale yel mnrl flor, no show

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

LS: v lt gy with dk gy stn, frm - hd, crpxln, occ fos frag (Crin, Fus), tr vuggy por, no shows

SH: lt gy - gy, frm, sb blk, sl calc, dull luster.

LS: lt tan - v lt brn - lt gy, hd - frm, crpxln - micxn, fos (Fus), occ v thn dd oil lam, poss micro frac, tt - occ tr vuggy por, yel mnrl flor, no show

LS: lt tn - v lt brn, hd - frm, crpxln - micxn, rr fos frag, tr Algal mat, tt, mnrl flor, no show.

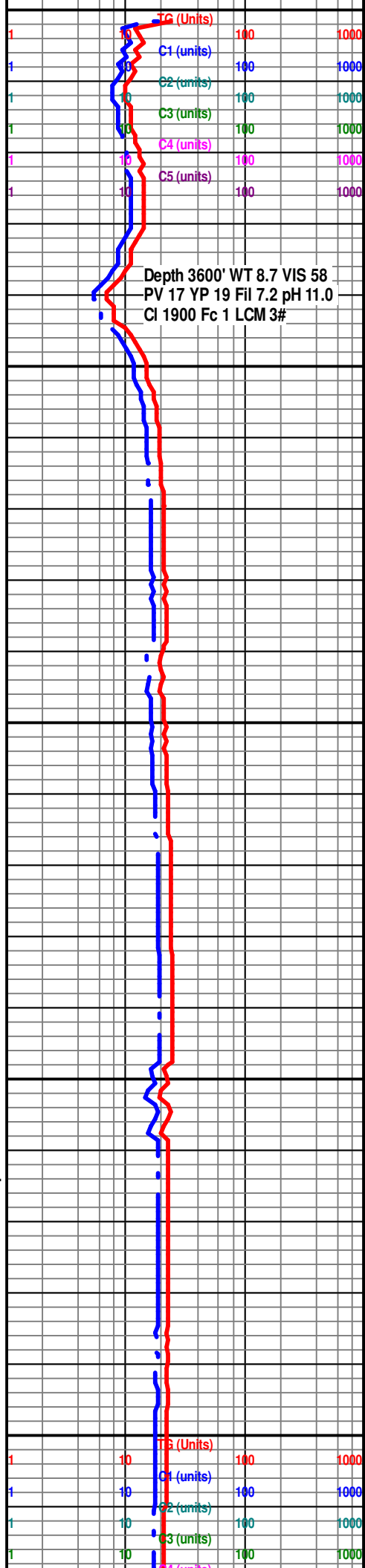
**HEEBNER 3751' (Logs -807')**  
SH: gysh blk - blk, frm - brit, fis, n-sl calc, carb, no flor, v wk pale grn resd cut

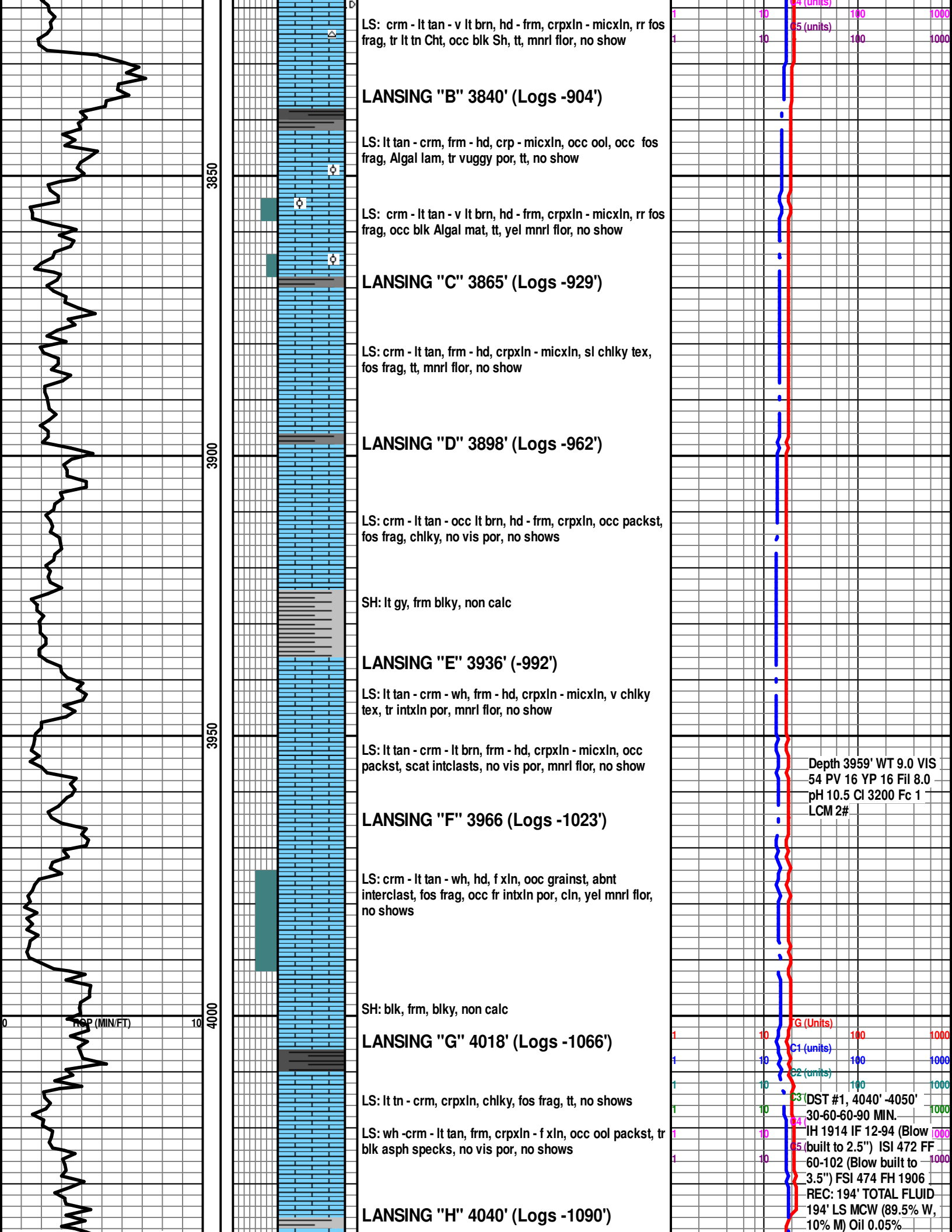
**BASE HEEBNER 3755' (Logs -811')**  
SH: pale bluish gy - grayishish green, sft - frm, sb blk - ppty, n calc, sbwxy, clayey

**TORONTO 3768' (Logs -826')**  
LS: lt gy, hd - brit, crp - micxn, tr calc, occ grty tex, tr Sd, occ fos frag, tr brn Cht, tt, lt yel mnrl flor, no show

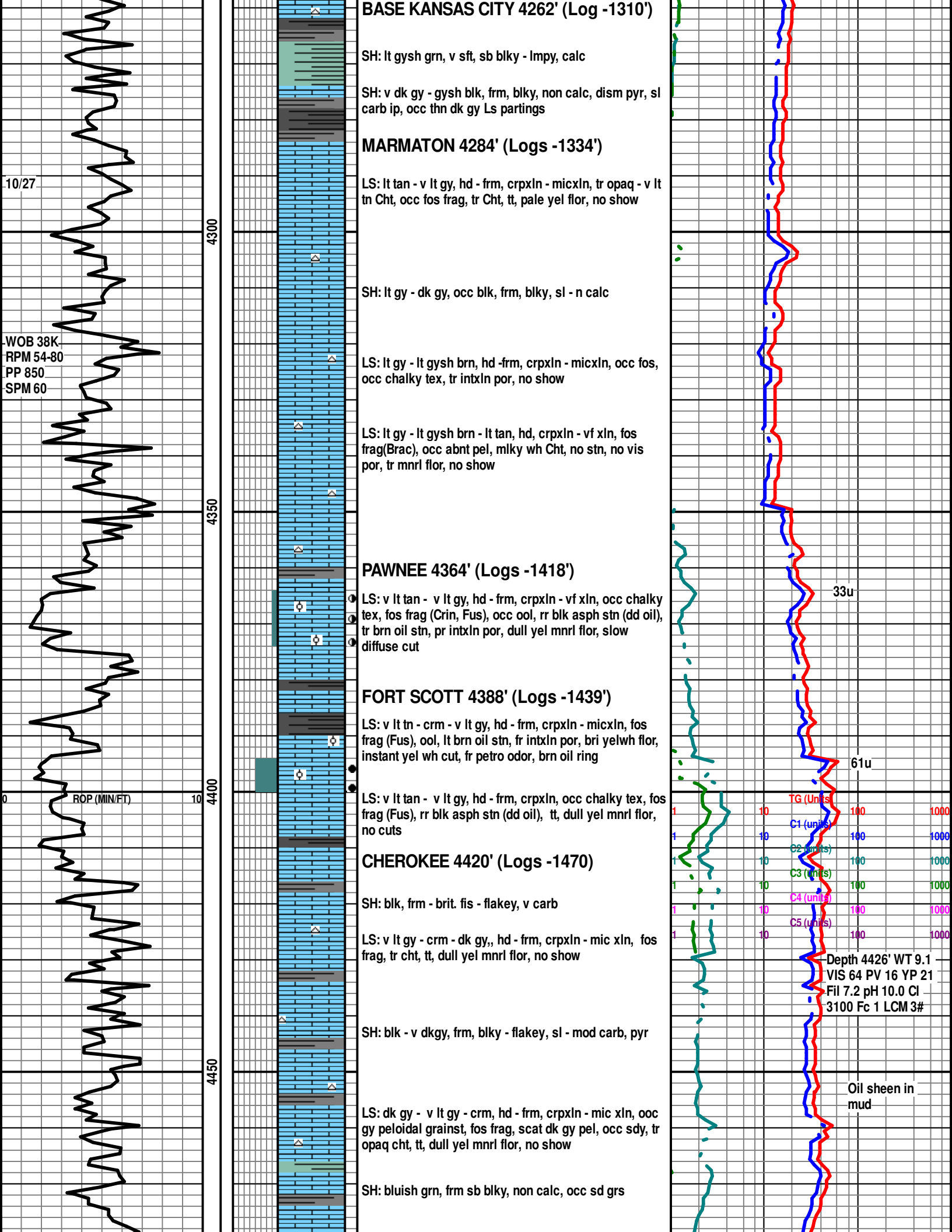
SH: blk, frm, blk, non calc

**LANSING 3799' (Logs -860')**  
LS: lt gy - v lt brn, occ wh, hd - sft, crpxln - micxn, occ fos frag, lt tn Cht, occ chlky tex, occ micgran tex, tr blk asph specs, dd oil, tt - tr vuggy por, yel mnrl flor, no shows









**BASE KANSAS CITY 4262' (Log -1310')**

SH: lt gysh grn, v sft, sb blkly - lmpy, calc

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

**MARMATON 4284' (Logs -1334')**

LS: lt tan - v lt gy, hd - frm, crpxln - micxln, tr opaqt - v lt tn Cht, occ fos frag, tr Cht, tt, pale yel flor, no show

SH: lt gy - dk gy, occ blk, frm, blkly, sl - n calc

LS: lt gy - lt gysh brn, hd - frm, crpxln - micxln, occ fos, occ chalky tex, tr intxln por, no show

LS: lt gy - lt gysh brn - lt tan, hd, crpxln - vf xln, fos frag(Brac), occ abnt pel, mlky wh Cht, no stn, no vis por, tr mnrl flor, no show

**PAWNEE 4364' (Logs -1418')**

LS: v lt tan - v lt gy, hd - frm, crpxln - vf xln, occ chalky tex, fos frag (Crin, Fus), occ ool, rr blk asph stn (dd oil), tr brn oil stn, pr intxln por, dull yel mnrl flor, slow diffuse cut

**FORT SCOTT 4388' (Logs -1439')**

LS: v lt tn - crm - v lt gy, hd - frm, crpxln - micxln, fos frag (Fus), ool, lt brn oil stn, fr intxln por, bri yelwh flor, instant yel wh cut, fr petro odor, brn oil ring

LS: v lt tan - v lt gy, hd - frm, crpxln, occ chalky tex, fos frag (Fus), rr blk asph stn (dd oil), tt, dull yel mnrl flor, no cuts

**CHEROKEE 4420' (Logs -1470)**

SH: blk, frm - brit. fis - flakey, v carb

LS: v lt gy - crm - dk gy,, hd - frm, crpxln - mic xln, fos frag, tr cht, tt, dull yel mnrl flor, no show

SH: blk - v dkgy, frm, blkly - flakey, sl - mod carb, pyr

LS: dk gy - v lt gy - crm, hd - frm, crpxln - mic xln, ooc gy peloidal grainst, fos frag, scat dk gy pel, occ sdy, tr opaqt cht, tt, dull yel mnrl flor, no show

SH: bluish grn, frm sb blkly, non calc, occ sd grs

10/27

WOB 38K  
RPM 54-80  
PP 850  
SPM 60

4300

4350

4400

4450

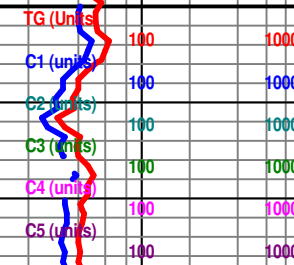
ROP (MIN/FT)

33u

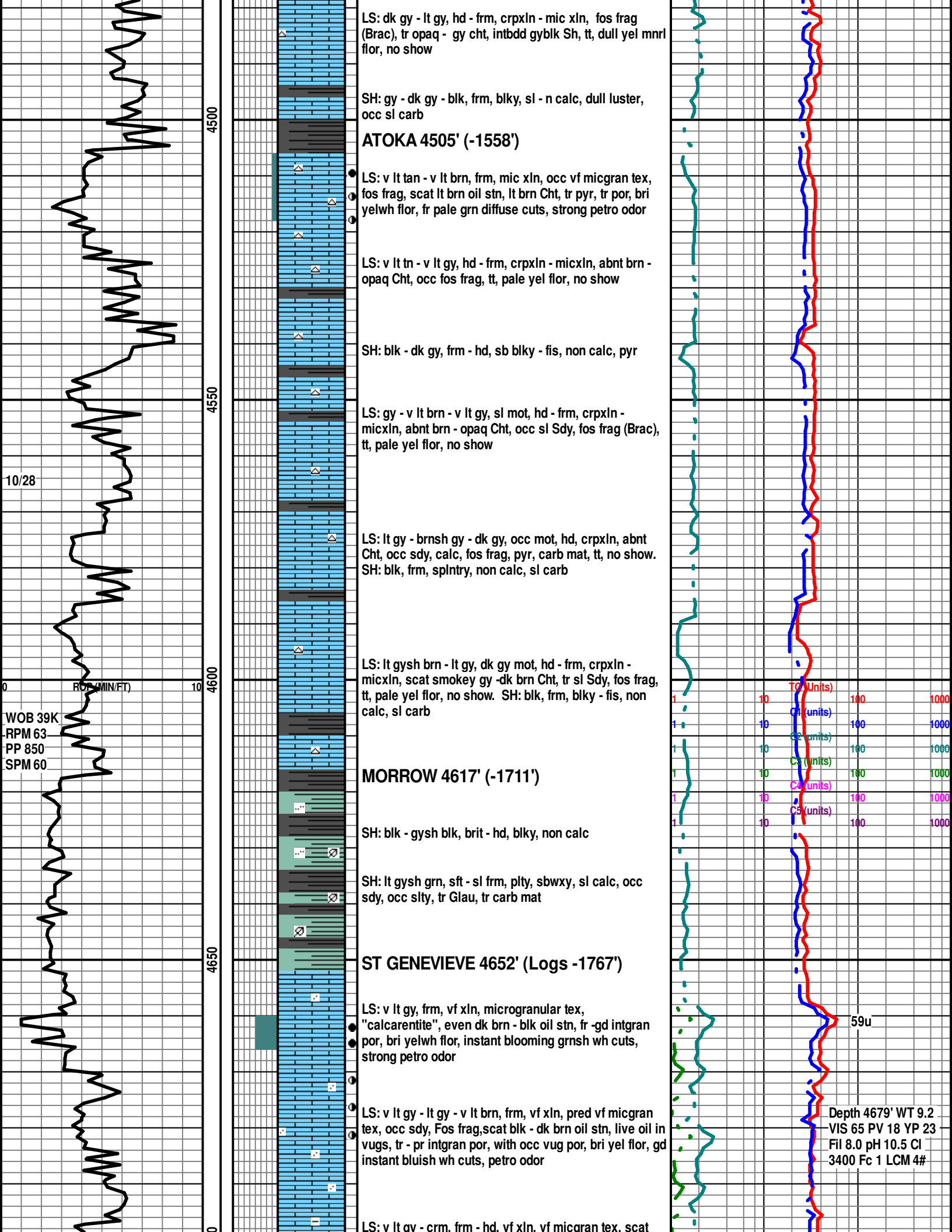
61u

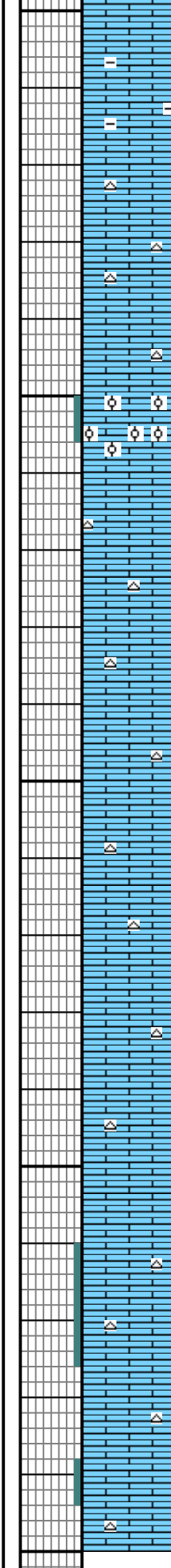
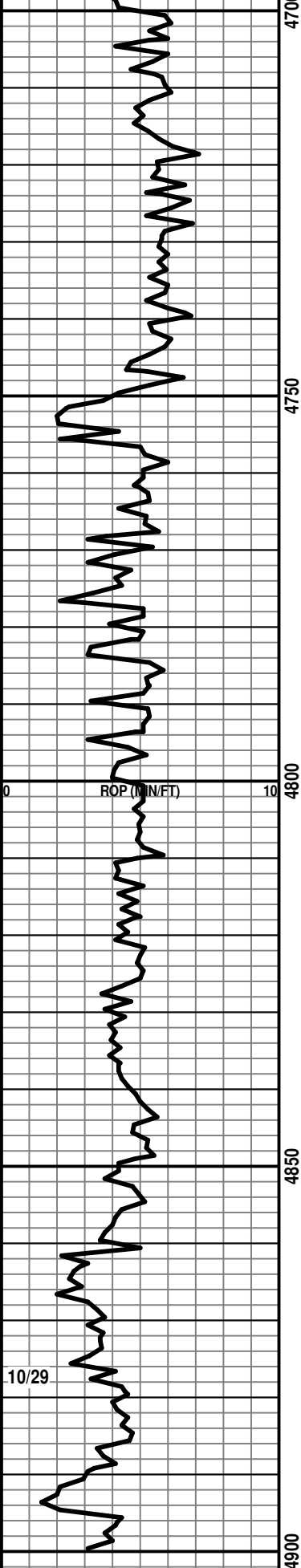
Depth 4426' WT 9.1  
VIS 64 PV 16 YP 21  
Fil 7.2 pH 10.0 Cl  
3100 Fc 1 LCM 3#

Oil sheen in mud









fos frag, v sl sdy, no vis por, yel mnrl flor, no shows, abnt blk Sh cvgs

LS: v lt gy - crm, frm - hd, vf xln, vf micgran tex, scat fos frag, v sl sdy, occ blk Sh ptgs, no vis por, yel mnrl flor, no shows

**ST. LOUIS 4717' (-Logs1823')**

LS: v lt tan - v lt gy, hd, crpxln - micxln, scat ool, occ fos frag (Brac), tr, opa - wh Cht, no stn, tt, pale yel mnrl flor, no show

LS: v lt tan - wh, hd, crpxln - micxln, occ fos frag (Brac), opa - v lt brn Cht, scat pyr xls, no stn, tt, pale yel mnrl flor, no show

Oolitic LS: v lt tan - crm, hd, grainst to packst, abnt ool hvy occluded in micrite mud, tr por - tt, dull yel mnrl flor, no shows

LS: wh - offwh, frm, vf xln - f xln, tr opa Cht, tt, yel mnrl flor, no show

LS: v lt tan - v lt gy, hd, crpxln - mic xln, occ chalky tex, tr ool, opa - wh Cht, no stn, tt, pale yel mnrl flor, no show

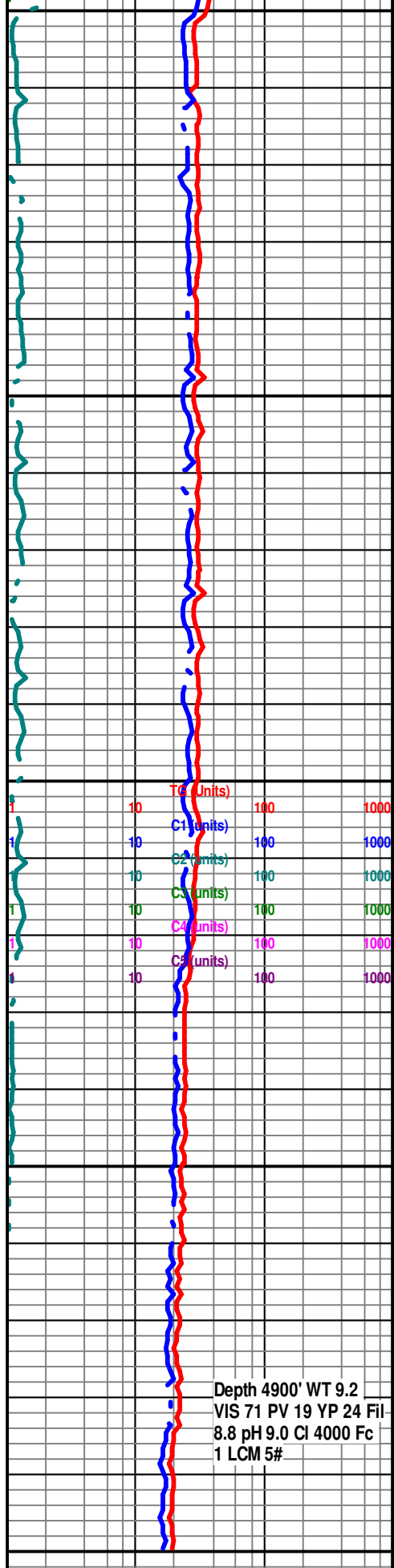
LS: v lt tan - v lt gy, hd, crpxln - mic xln, occ chalky tex, occ grainy text, abnt opa - lt tan Cht, tr blk asph stn, tt, pale yel mnrl flor, no show

LS: v lt brn - lt tan, v hd, crpxln - vf micgran, fo frag, styl, abnt Cht, tt, no show

LS: v lt brn - v lt gy, hd, crpxln - mic xln, occ embdd sd grs, pred grainy text, tr opa - lt tan Cht, tr blk carb stn on frac face, tt - tr intxln por, pale yel mnrl flor, no show

LS: v lt brn - dk brn - v lt gy, hd, crpxln, tr opa - lt tan Cht, tr blk carb stn (dd oil) on frac face, tt, pale yel mnrl flor, no show

LS: v lt tan - wh, hd, crpxln - f xln, occ chalky tex, occ opa - lt tan Cht, xln pyr, tr blk asph mat (dd oil), tt - occ tr intxln por, pale yel mnrl flor, no show



Depth 4900' WT 9.2  
 VIS 71 PV 19 YP 24 Fil  
 8.8 pH 9.0 Cl 4000 Fc  
 1 LCM 5#

**Total Depth:**  
**Driller = 4900' (-1950')**  
**Logger = 4902' (-1952')**

