

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) (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	Val Energy, Inc.
Well Name	MCKAY 2-29
Doc ID	1595580

All Electric Logs Run

Sonic
Neutron
Micro
Induction

David A. Barker

CONSULTING GEOLOGIST

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

Well Name: 2-29 McKay
Well Id: 15-007-24392
Location: 29-T30S-R12W
License Number:
Spud Date: 9-29-2021
Surface Coordinates: 1947' FSL & 1265' FWL

Region: Barber County, Kansas
Drilling Completed: 10-07-2021

Bottom Hole
Coordinates:
Ground Elevation (ft): 1775 K.B. Elevation (ft): 1782
Logged Interval (ft): 2400 To: 4725 Total Depth (ft): 4725
Formation: Arbuckle
Type of Drilling Fluid: chemical

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

GEOLOGIST

Name: David A. Barker
Company:
Address: 212 N. Market, Suite# 320
Wichita, Kansas 67202
(316) 259-4294, 2 Barker@sbcglobal.net

OPERATOR

Company: Val Energy, INC
Address: 125 N. Market, Suite 1110
Wichita, KS 67202

Remarks





The upper Mississippian was penetrated at a drilling depth of 4343 and a interval from 4342 to 4368 was drillstem tested by DST #1. This DST recovered: 20 foot of mud with a trace of oil and 60 foot of HMCW (trace of Oil): .2% oil, 52.8% water (26,000 ppm) and 47% mud, Total barrels recovered: .3936, BHP 1534 to 1533 PSI, IFP 16 to 34# FFP 43 to 61#, IHP 2116 to 2112 PSI, temp 125. measured RW: .31 @ 73 degrees F, RW at formation Temp: 0.188 @ 125 F, Chlorides: 26,000 ppm. A extensive review of the following information was conducted: DST #1 results, electric log calculations and sample shows for the Mississippian formation and the rest of the potentially productive zones in this well. The review showed that none of the potentially productive zones were commercially productive at the McKay 2-29 location. The 2-29 McKay was plugged and abandon on 10-07-2021. David Barker

ACCESSORIES









INTERVALS

-  Core
-  Dst
-  Dst










EVENTS

-  Rft
-  Sidewall
-  Cfs
-  Conn










POROSITY TYPE

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















LITHOLOGY

-  Anhy
-  Cht
-  Congl
-  Shale
-  Shgy
-  Ss
-  Carb shale
-  Gray shale
-  Sandy lmst
















FOSSIL



















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

-  Shale
-  Silt stn
-  Shaly slst
-  Silty shale
-  Blank
-  Gray lmst
-  Cream lmst
-  Red shale
-  Blue-green siltstn
-  D. green shale
-  Green shale
-  Brown lmst
-  Brown shale
-  Brown dol
-  Brown cream
-  D. green lmst
-  Light cream lmst
-  Gray cream lmst
-  Green dol
-  Gray dol












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









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
-  Chlorite
-  Dol
-  Sand
-  Silty

STRINGER






-  Anhy
-  Arg
-  Bent
-  Coal
-  Dol
-  Gyp
-  Ls
-  Mrst
-  Sltstrg
-  Ssstrg
-  Carbsh

-  Clystn
-  Dol
-  Grysh
-  Gryslt
-  Lms
-  Sandylms
-  Sh
-  Sltstn

TEXTURE

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

OIL SHOWS

-  Even
-  Spotted
-  Ques
-  Dead
-  Gas show

ROCK TYPES

INTERVALS

- Core
- Dst
- Dst

EVENTS

- Rft
- Sidewall
- Cfs
- Conn

POROSITY TYPE

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

LITHOLOGY

- Anhy
- Cht
- Congl
- Shale
- Shgy
- Ss
- Carb shale
- Gray shale
- Sandy lmst
- Shale

FOSSIL

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

- Silt stn
- Shaly slst
- Silty shale
- Blank
- Gray lmst
- Cream lmst
- Red shale
- Blue-green smstn
- D. green shale
- Green shale
- Brown lmst
- Brown shale
- Brown dol
- Brown cream
- D. green lms
- Light cream lmst
- Gray cream lmst
- Green dol
- Gray dol

MINERAL

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

- Foram
- Fossil
- Gastro
- Oolite
- Ostra
- Pelec
- Pellet
- Pisolite
- Plant
- Strom
- Fuss
- Oomold

STRINGER

- Anhy
- Arg
- Bent
- Coal
- Dol
- Gyp
- Ls
- Mrst
- Sltstrg
- Ssstrg
- Carbsh
- Clystn
- Dol
- Grysh
- Gryslt

- Marl
- Minxl
- Nodule
- Phos
- Pyr
- Salt
- Sandy
- Silt
- Sil
- Sulphur
- Tuff
- Chlorite
- Dol
- Sand
- Silty

- Lms
- Sandylms
- Sh
- Sltstn

TEXTURE

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

SORTING

- Well
- Moderate
- Poor

OIL SHOWS





- Even
- Spotted
- Ques
- Dead
- Gas show

OTHER SYMBOLS









INTERVALS

-  Core
-  Dst
-  Dst












EVENTS

-  Rft
-  Sidewall
-  Cfs
-  Conn














POROSITY TYPE

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











LITHOLOGY

-  Anhy
-  Cht
-  Congl
-  Shale
-  Shgy
-  Ss
-  Carb shale
-  Gray shale
-  Sandy lmst
-  Shale
-  Slt stn






















FOSSIL













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

-  Shaly slst
-  Silty shale
-  Blank
-  Gray lmst
-  Cream lmst
-  Red shale
-  Blue-green siltstn
-  D. green shale
-  Green shale
-  Brown lmst
-  Brown shale
-  Brown dol
-  Brown cream
-  D. green lmst
-  Light cream lmst
-  Gray cream lmst
-  Green dol
-  Gray dol

-  Gastro
-  Oolite
-  Ostra
-  Pelec
-  Pellet
-  Pisolite
-  Plant
-  Strom
-  Fuss
-  Oomold

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
-  Chlorite
-  Dol
-  Sand
-  Silty

STRINGER

-  Anhy
-  Arg
-  Bent
-  Coal
-  Dol
-  Gyp
-  Ls
-  Mrst
-  Sltstrg
-  Ssstrg
-  Carbsh
-  Clystn
-  Dol
-  Grysh
-  Gryslt
-  Lms
-  Sandylms
-  Sh
-  Sltstn





TEXTURE

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






SORTING

-  Well
-  Moderate
-  Poor

ROUNDING

-  Rounded
-  Subrnd
-  Subang
-  Angular

OIL SHOWS

-  Even
-  Spotted
-  Ques
-  Dead
-  Gas show

Daily Status

9/29/2021 Spud well at Spud @ 3:45 pm

Ran 8 jts new 8 5/8", set @ 318', cement with 250sx Common, 3% cc, 2% gel, plug down @10:45 a.m.9-30-2021, by Hurricane, cement did circulate, Survey 1 @ 320'

10/01/2021 morning depth: 1060', survey info: 1 deg @ 825', 3/4 deg @ 1334', 1 deg @ 1811' and 2319'

10/02/2021 morning depth: 2415, Survey 1 deg @ 2796',

10/03/2021, morning depth: 2950, survey 1 deg @ 2796'

10/04/2021, morning depth: 3640,

10/05/2021, morning depth: 4368, DST #1 4342 to 4368 Survey 1 @ 4368'

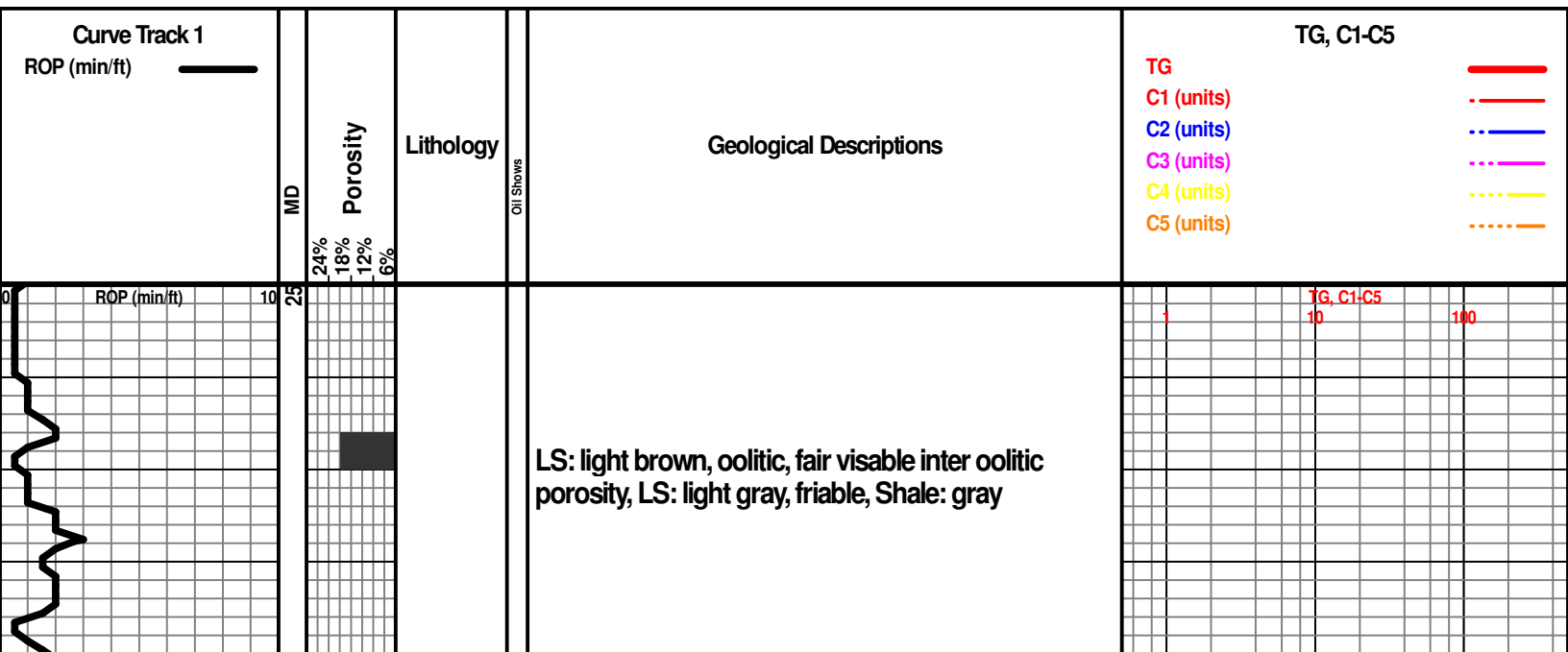
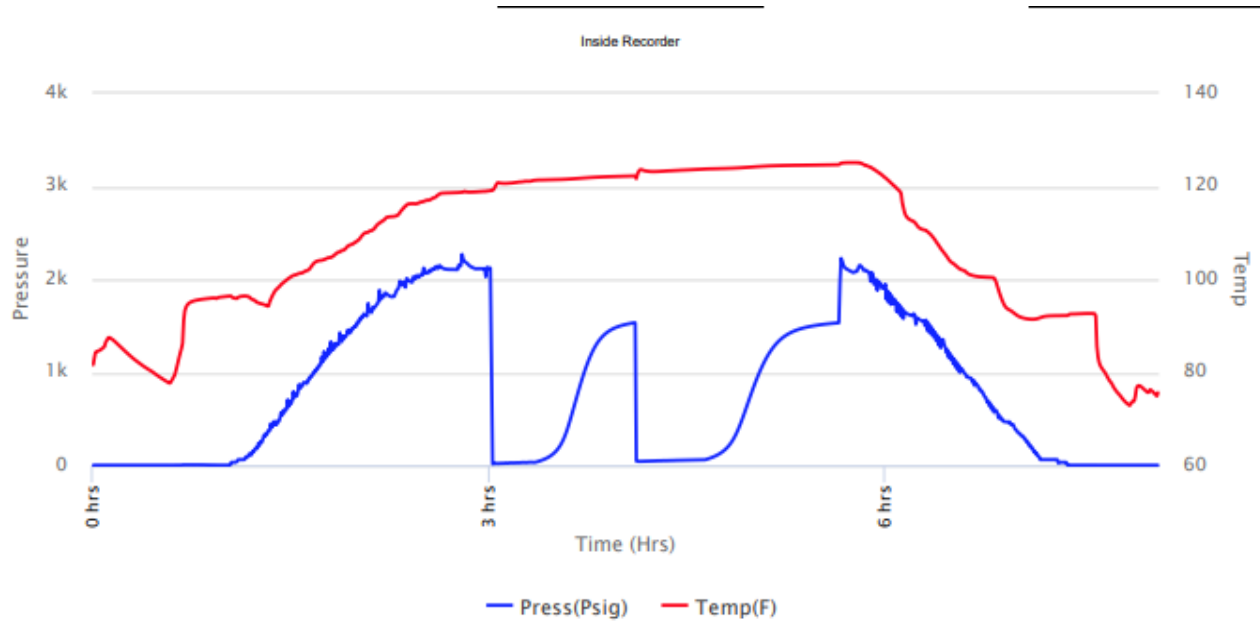
10/06/2021, morning depth: 4440,

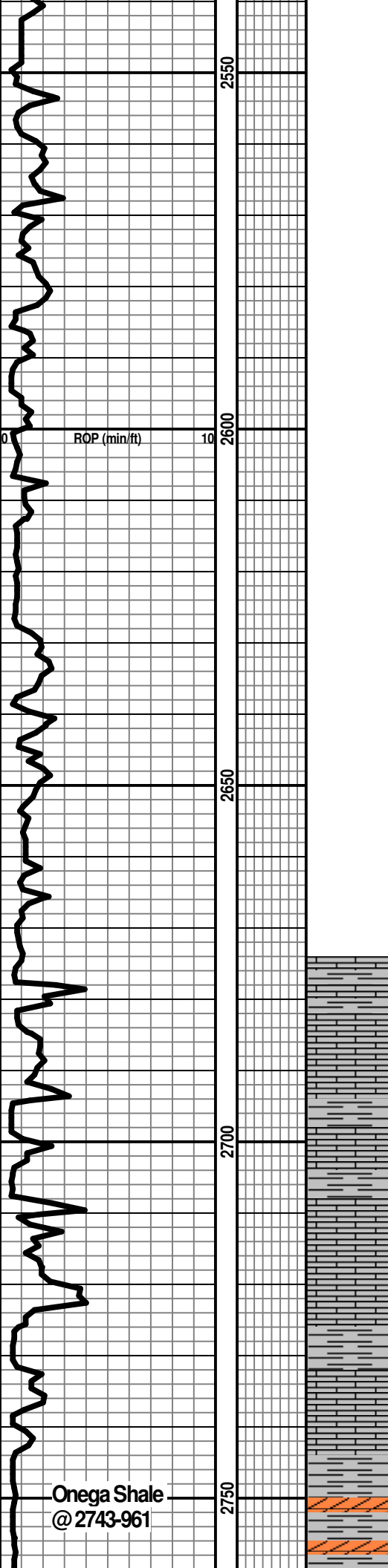
10/07/2021, morning depth: R.T.D. 4725', survey 1/4 deg @ 4725' Run electric logs, prepare to plug well. to plug well.

Contractor

Murfin Drilling Rig #104, 250 N. Water ST, STE 300, Wichita, Kansas 67202

DST #1: 4342 to 4368, Mississippian formation, open 18". closed 45", open 30" closed 60", 1st open period: weak surface blow 2nd open period: surface blow lasting 4 min., REC: 20' mud (trace of oil), 60' HMCW (trace of oil) .2% OIL, Water 52.8%, 47% mud. IFP 16# to 34# FFP 43# to 61#, BHP 1534# to 1533# and IHP 2116# to 2112#, BHT 125 degrees Fahrenheit, 26,000 ppm chlorides for water recovered.





Shale: gray, LS: buff to gray/buff, finexyln, sct
visable porosity, friable in part no show

Shale: gray, LS: light gray/cream-mudstone, sample
mostly gray shale

LS: light buff, microxyln, dense, no visable porosity,
cherty in part, cryptoxyln in part Shale gray

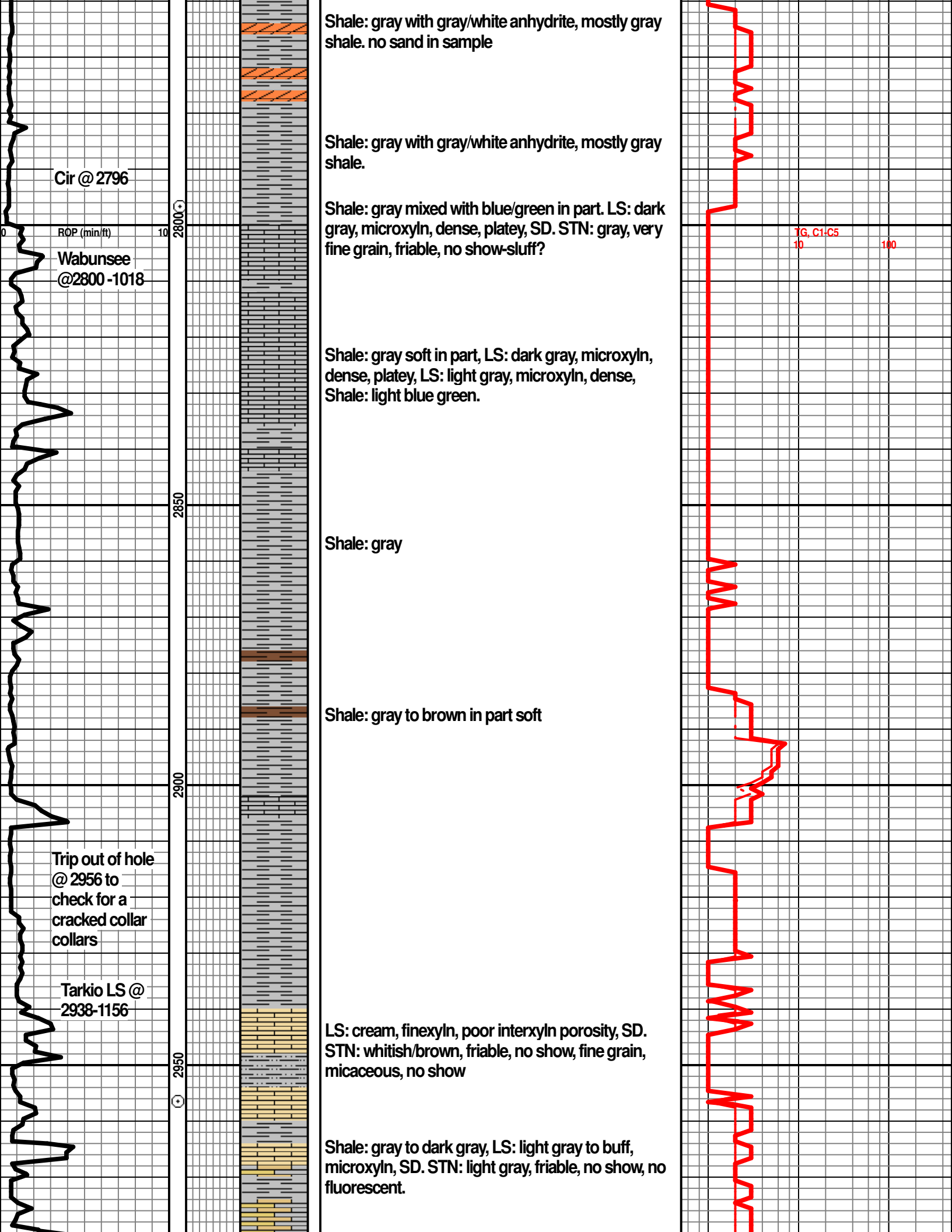
Shale: gray with white/gray, anhydrite

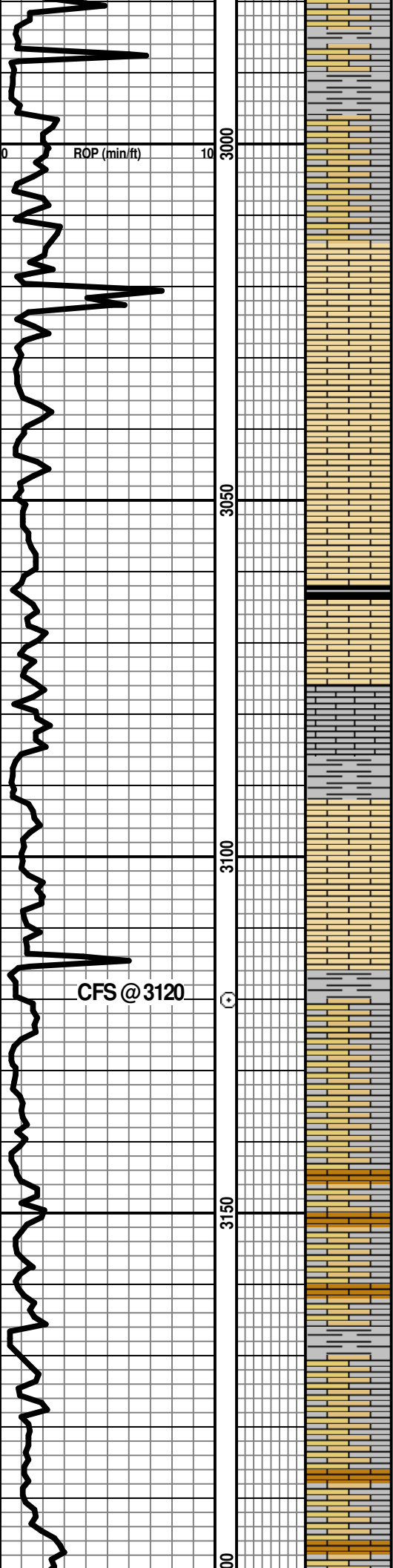
Shale: gray blue green in part, LS: dirty gray
finexyln

Shael: gray, LS: gray to light gray, finexyln, dense,
poor interxyln proosity, friable with good visable
porosity

Shale: gray to light gray, Anhydrite gray to white to
orange

IG, C1-C5
10 100





LS: dark gray/brown, microxyln, very dense LS: medium gray, microxyln, dense, LS: gray/buff, finexyln, random visible porosity, mostly Shale: gray,

LS: cream to gray, microxyln, no visible porosity, off white in part, friable, platey, Shale: dark gray

LS: white, finexyln, no visible porosity, poor interxyln, mineral fluorescence, friable in part, Shale: gray

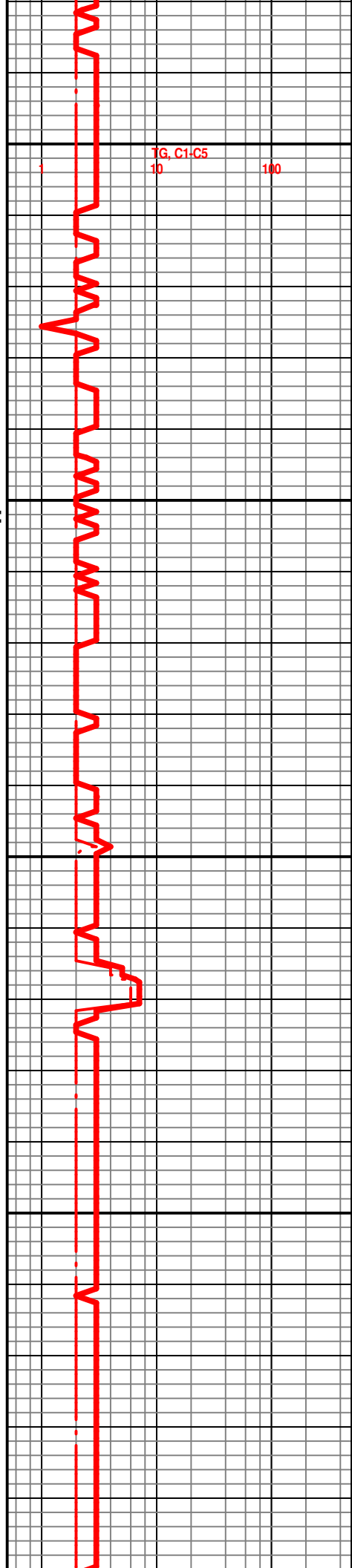
no odor from sample, LS: gray, microxyln, dense, LS: light gray, modeled. LS: brown, microxyln, dense, mineral fluorescence.

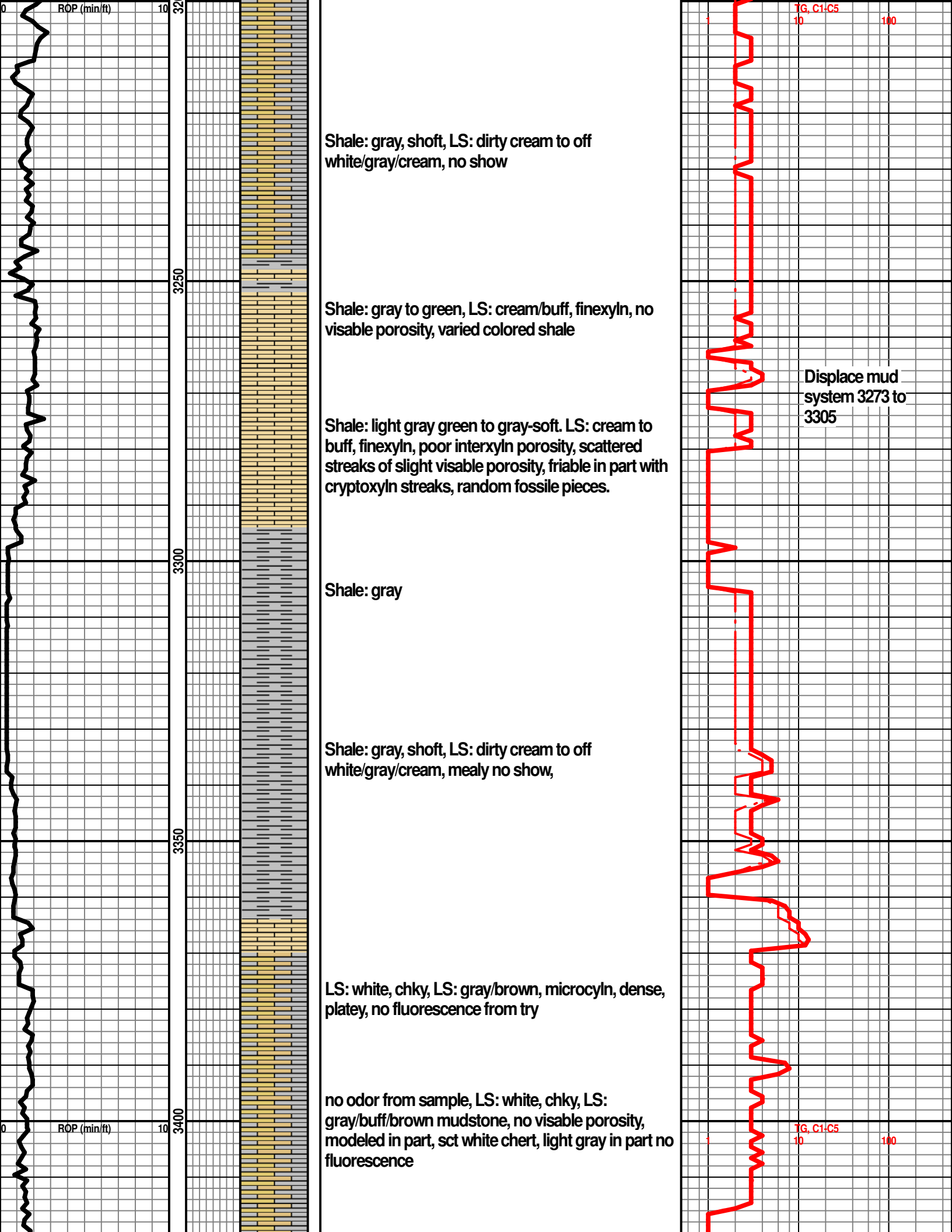
3120 30 min: very weak odor, LS: cream, sct very slight edge fluorescence, no stain, no show of free oil, LS: gray/brown, microxyln, dense, LS: gray/cream, finexyln, dense

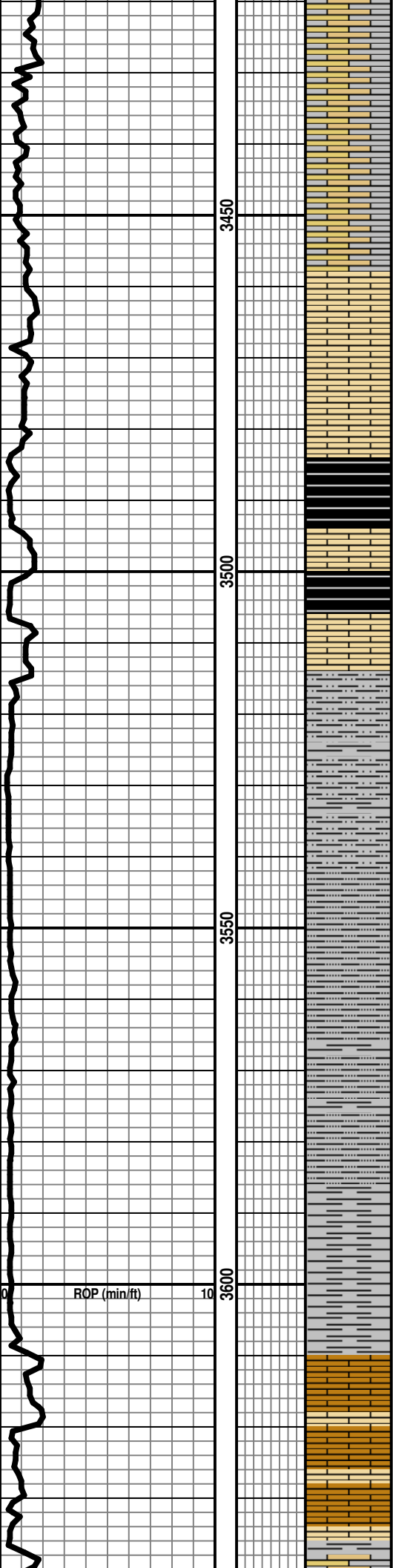
3146: LS: gray to brown, fair fossil moldic porosity, slight stain, broke free oil lazy show of free oil, considered to be a wet zone. difficult to find the show; only a few pieces per sample tray.

LS: light brown finexyln, pin point porosity, fossiliferous, poor interxyln porosity, no show, Shale: gray/red, LS: gray/brown, microxyln, dense, Shale: gray, LS: gray, microxyln, dense, LS: cream, finexyln, poor interxyln porosity

no sample odor, LS: with, chky, LS: light gray, ghost oolities, friable, LS: mediumxyln, light brown, with dark brown flecks, friable, no show.







flood of LS: gray/brown to gray/buff, microxyln, no visible porosity, streaks of cryptoxyln, no show.

LS: gray/brown to gray/buff, microxyln, no visible porosity, friable in part, streaks of cryptoxyln, no show.

Shale: black, carboniferous, LS: buff to crm/buff, friable in part with streaks of cryptoxyln, LS: dark brown, microxyln, no visible porosity

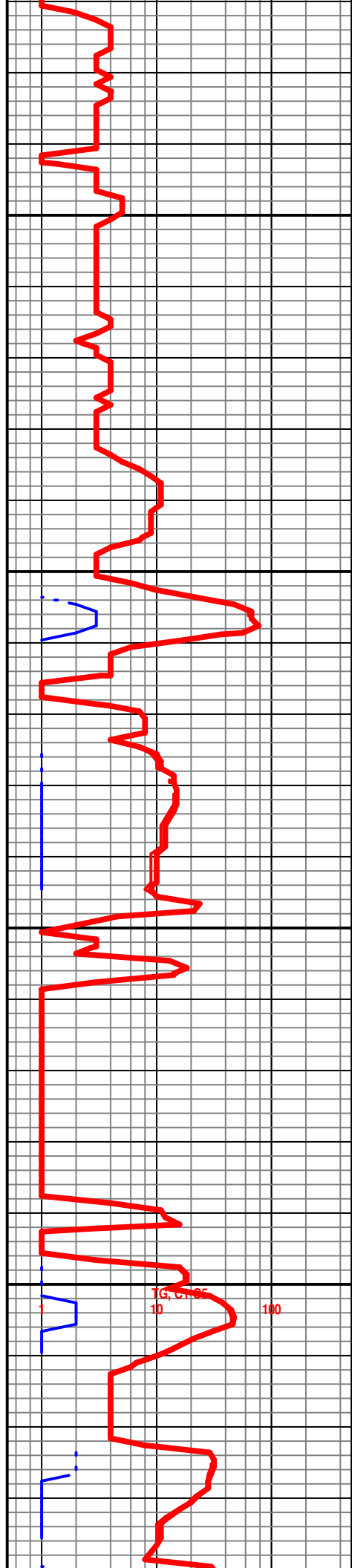
no fluorescence, Shale: brown, earthy, LS: white, chky, no fluorescence, no odor,

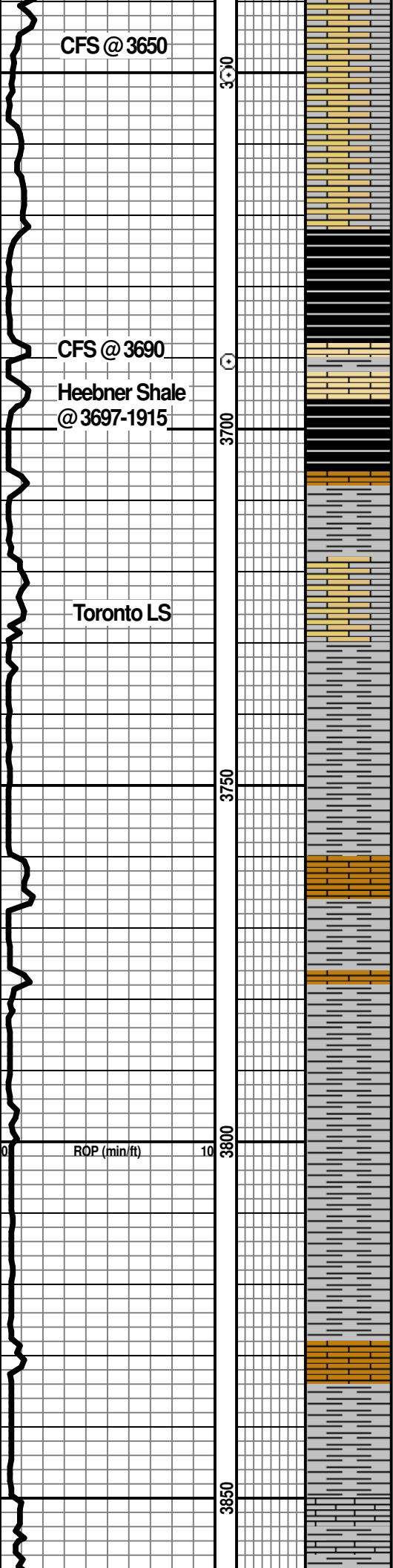
Siltstone: dirty gray, Shale: gray, silty, soft, no fluorescence, no odor from this sample

Siltstone: gray, dirty, shaley, laminar, no show, no fluorescence

LS: brown, microxyln, dense, LS: dark gray/brown, microxyln, dense.

3650 20 min: Shale: dark gray to black, LS: dark brown to dark gray, sct cream, no show, no odor





LS: cream to brown, microxyln, dense, with LS: off white, subchalky, friable, LS: brown, microxyln, dense

3690 30 min: Shale: black carboniferous, LS: white/gray, modeled, LS: dark brown, dense, no show from this interval

LS: white, chky, LS: gray, microxyln, platey, dense, modeled, LS: brown, microxyln, dense, LS: cream/buff with cyptoxyln, friable in part no show.

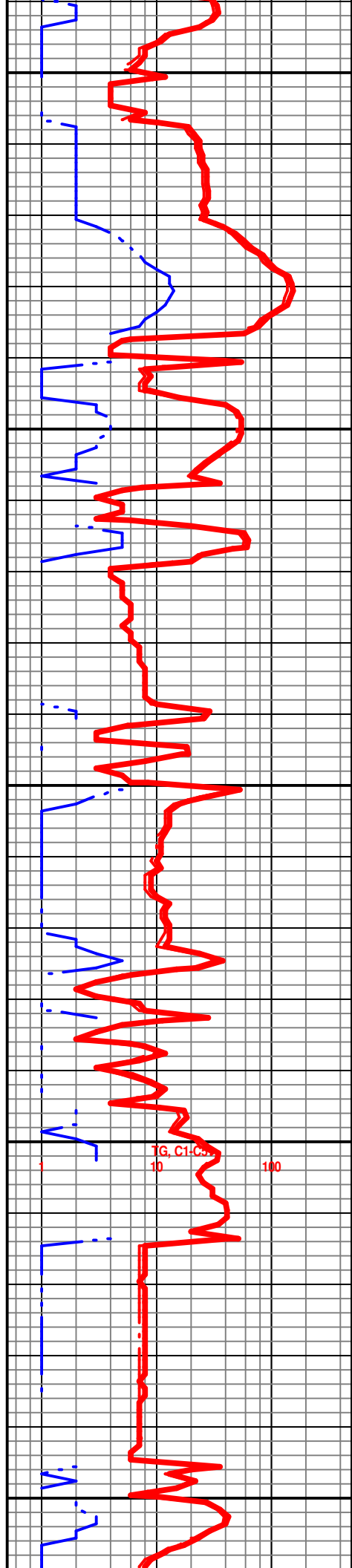
Shale: black, LS: gray/buff, microxyln, very dense. LS: dark brown, microxyln, very dense, streaks of gray/brown, microxyln, dense

LS: cream/gray, finexyln mudstone, no visable porosity, no fluorescence, Shale: gray

Shale: gray, slick, slity in part LS: dark brown, microxyln, very dense, LS: light gray to buff, microxyln, dense, modeled in part

LS: LS: dark brown, oolitic, packstone, LS: brown, microxyln, dense, Siltstone: gray, no show, very dense, Shale: gray

Shale: gray, soft, silty in part. LS: dark brown, to brown/gray, microxyln, pellitoid, dense



Lansing @
3872-2090

3900

3950

4000

4050

ROP (min/ft)

10

LS: buff/cream/gray, modeled, finexyln, friable in part, no visible porosity, Shale: gray, no fluorescence

LS: blond, finexyln, no visible porosity, LS: cream/buff, finexyln, friable, soft in part

LS: gray/brown, finexyln, no visible porosity, dense in part, sct subchauky, friable pieces

LS: brown to gray, microxyln, dense,

LS: white to off white, chaulky with streaks of cryptoxyln

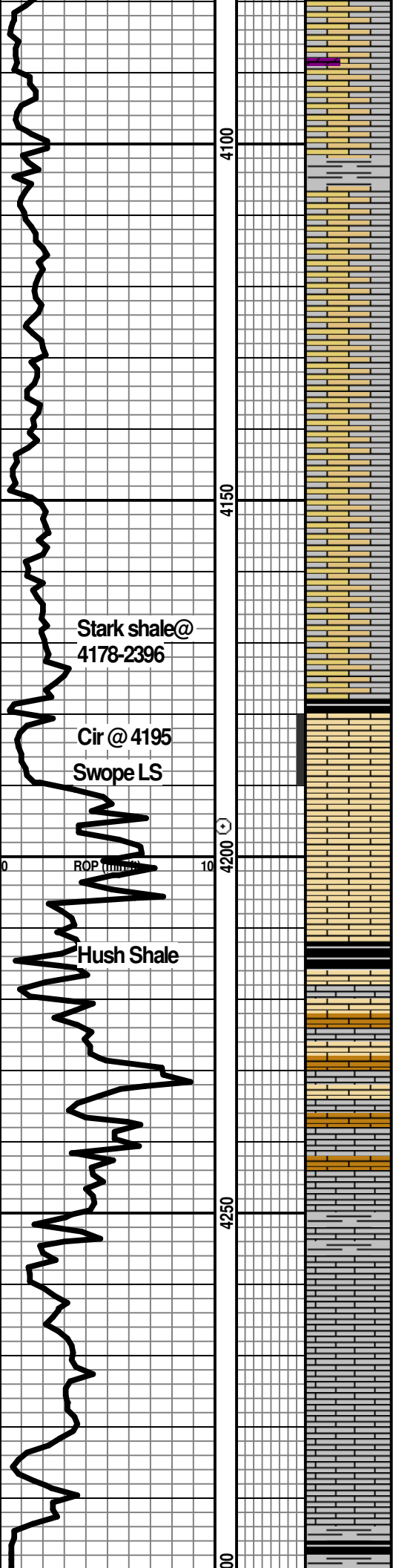
LS: blond, microxyln, dense. LS: white chaulky. LS: off white, microxyln, sct visible fossile moldic porostiy, no show.

LS: brownish/gray, microxyln, dense, no visible porosity, dirty gray with streaks of cryptoxyln in part.

IG, C1-C5

10

100



LS: gray/cream, finexyln to microxyln, scattered slight random visible porosity, gray/buff, modeled, finexyln in part.

LS: gray/brown, finexyln, poor interxyln porosity, microxyln, very dense in part, LS: cream/brown, finexyln, poor interxyln porosity, modeled, cherty streaks

LS: tan, microxyln, no visible porosity, Chert: tan, no show,

LS: off white, chalky, no show, Shale: gray

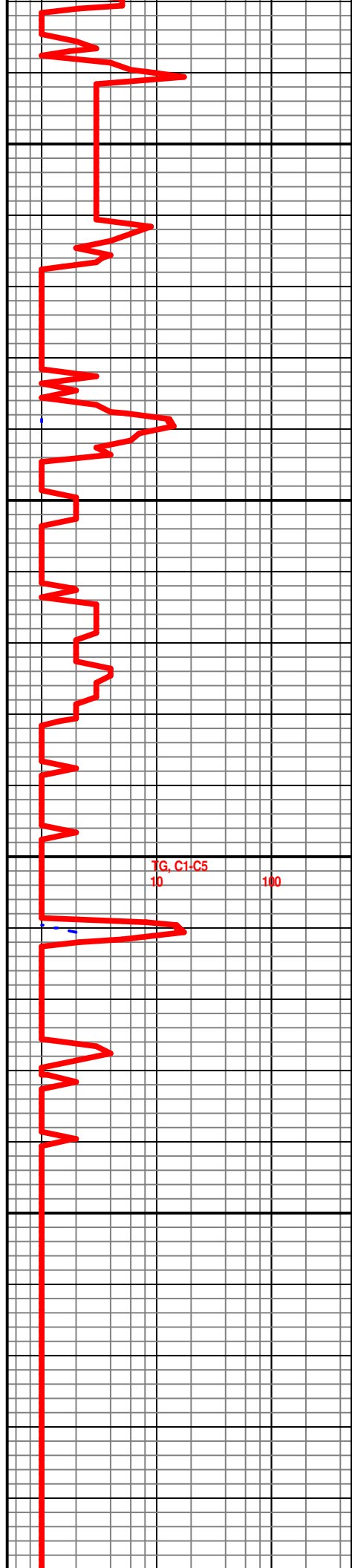
LS: gray/brown, microxyln, random foss. no visible porosity, LS: brown, microxyln, very dense, Shale: gray

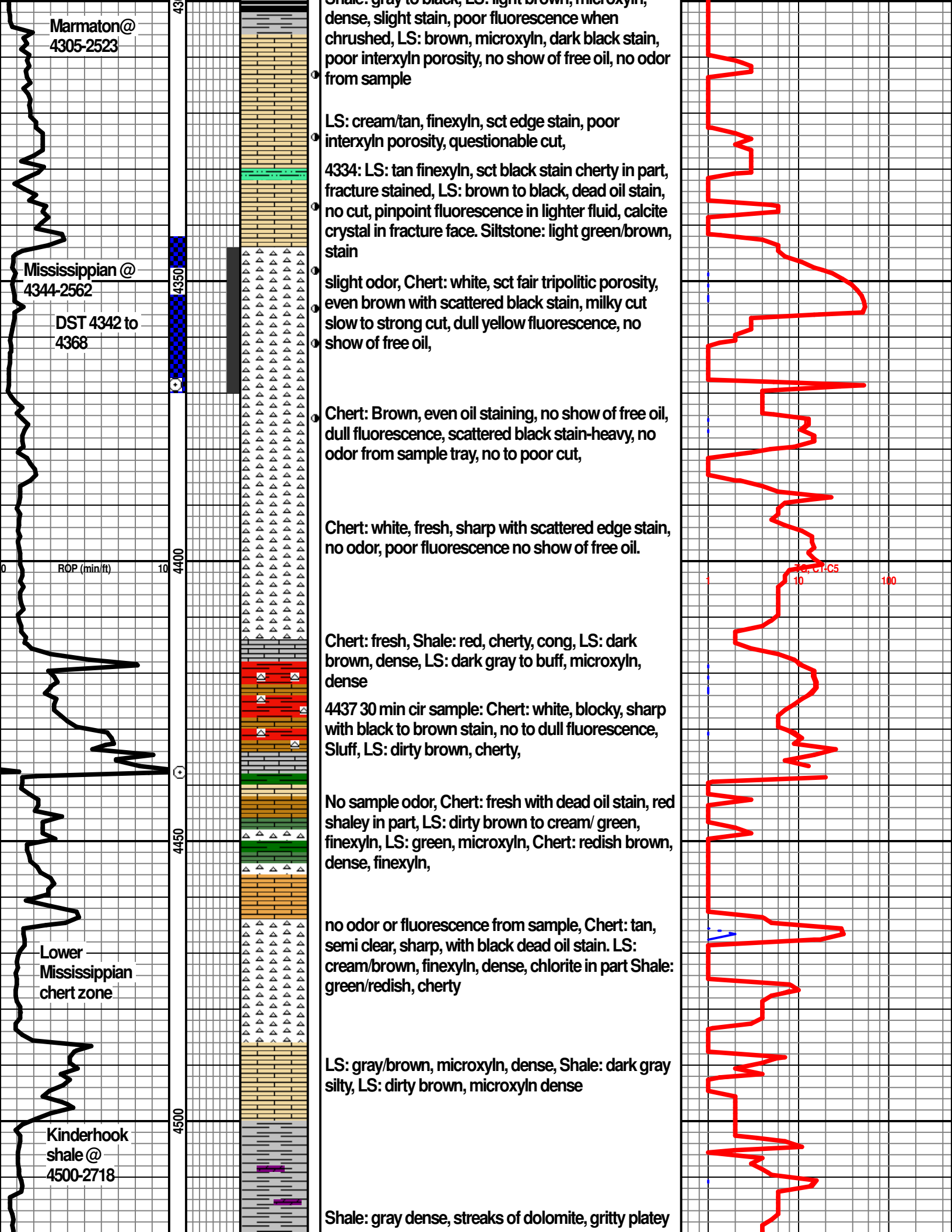
Chert: dark gray/brown, LS: dark brown, microxyln, very dense, LS: dirty cream/brown, finexyln, no visible porosity, streaks of chert, scattered friable in part with Shale: gray to gray/green.

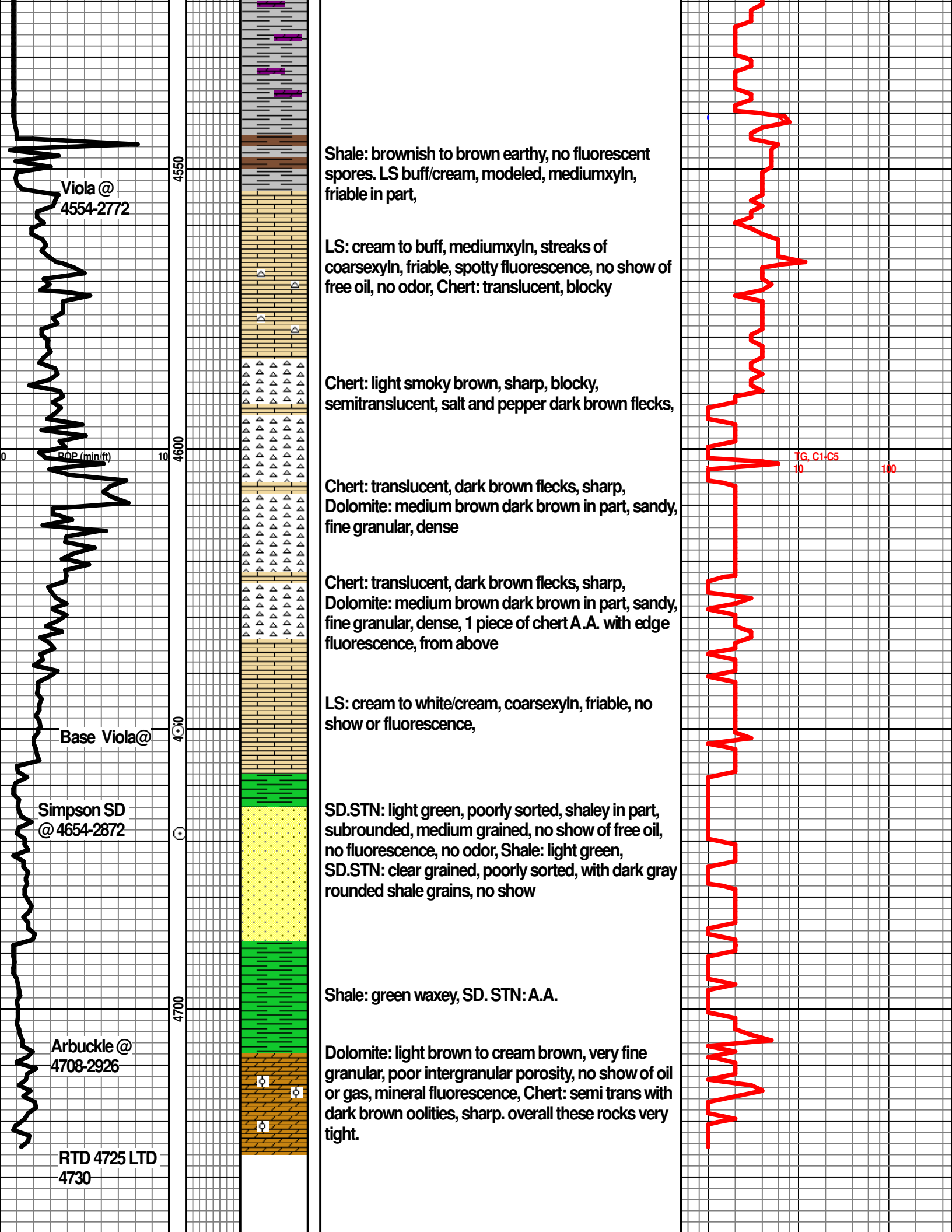
Chert: semi clear, LS: dirty gray to tan, microxyln to finexyln, poor interxyln pieces, friable in part mostly dense, no visible porosity, Shale: black

Shale: black to dirty gray, LS: dirty cream/gray, modeled, friable in part, finexyln, mealy, mudstone. LS:

Shale: gray to black LS: light brown, microxyln







Viola @
4554-2772

Shale: brownish to brown earthy, no fluorescent spores. LS buff/cream, modeled, mediumxyln, friable in part,

LS: cream to buff, mediumxyln, streaks of coarsexyln, friable, spotty fluorescence, no show of free oil, no odor, Chert: translucent, blocky

Chert: light smoky brown, sharp, blocky, semitranslucent, salt and pepper dark brown flecks,

Chert: translucent, dark brown flecks, sharp, Dolomite: medium brown dark brown in part, sandy, fine granular, dense

Chert: translucent, dark brown flecks, sharp, Dolomite: medium brown dark brown in part, sandy, fine granular, dense, 1 piece of chert A.A. with edge fluorescence, from above

Base Viola @

LS: cream to white/cream, coarsexyln, friable, no show or fluorescence,

Simpson SD @ 4654-2872

SD.STN: light green, poorly sorted, shaley in part, subrounded, medium grained, no show of free oil, no fluorescence, no odor, Shale: light green, SD.STN: clear grained, poorly sorted, with dark gray rounded shale grains, no show

Shale: green waxey, SD. STN: A.A.

Arbuckle @
4708-2926

Dolomite: light brown to cream brown, very fine granular, poor intergranular porosity, no show of oil or gas, mineral fluorescence, Chert: semi trans with dark brown oolities, sharp. overall these rocks very tight.

RTD 4725 LTD
4730

IG, C1-C5
10 100



Company: Val Energy, Inc.
Lease: Mckay #2-29

SEC: 29 TWN: 30S RNG: 12W
 County: BARBER
 State: Kansas
 Drilling Contractor: Murfin Drilling
 Company, Inc - Rig 104
 Elevation: 1777 EGL
 Field Name: Wildcat
 Pool: WILDCAT
 Job Number: 517
 API #: 15-007-24392

Operation:
 Uploading recovery &
 pressures

DATE
 October
05
 2021

DST #1 **Formation: Mississippian** **Test Interval: 4342 - 4368'** **Total Depth: 4368'**
 Time On: 12:06 10/05 Time Off: 19:57 10/05
 Time On Bottom: 15:02 10/05 Time Off Bottom: 17:35 10/05

Electronic Volume
 Estimate:
 0'

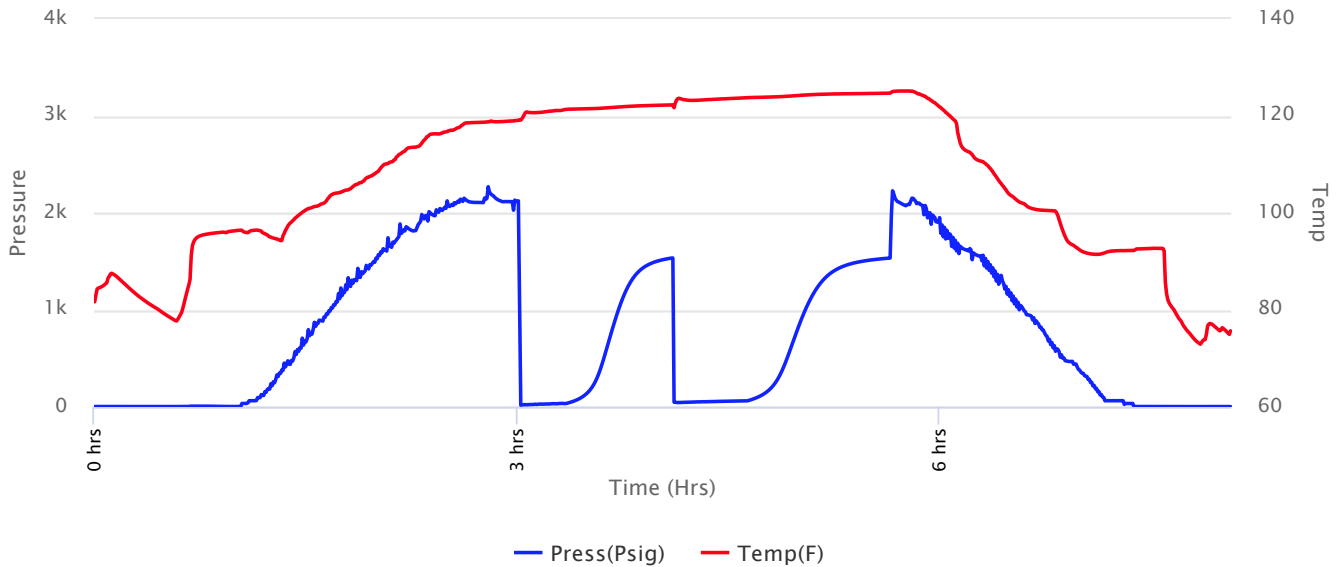
1st Open
 Minutes: 18
 Current Reading:
 0" at 18 min
 Max Reading: 0"

1st Close
 Minutes: 45
 Current Reading:
 0" at 45 min
 Max Reading: 0"

2nd Open
 Minutes: 30
 Current Reading:
 0" at 30 min
 Max Reading: 0"

2nd Close
 Minutes: 60
 Current Reading:
 0" at 60 min
 Max Reading: 0"

Inside Recorder





Company: Val Energy, Inc.
Lease: Mckay #2-29

SEC: 29 TWN: 30S RNG: 12W
 County: BARBER
 State: Kansas
 Drilling Contractor: Murfin Drilling
 Company, Inc - Rig 104
 Elevation: 1777 EGL
 Field Name: Wildcat
 Pool: WILDCAT
 Job Number: 517
 API #: 15-007-24392

Operation:
 Uploading recovery &
 pressures

DATE
 October
05
 2021

DST #1 **Formation: Mississippian** **Test Interval: 4342 - 4368'** **Total Depth: 4368'**
 Time On: 12:06 10/05 Time Off: 19:57 10/05
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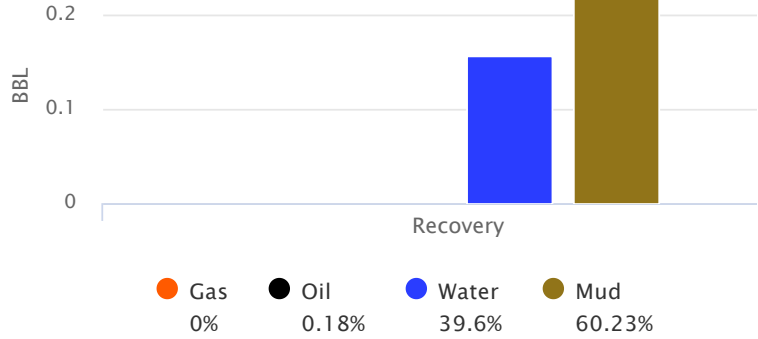
Recovered		Description of Fluid	Gas %	Oil %	Water %	Mud %
Foot	BBLs					
20	0.0984	M (trace O)	0	.1	0	99.9
60	0.2952	HMCW (trace O)	0	.2	52.8	47

Total Recovered: 80 ft
 Total Barrels Recovered: 0.3936

Reversed Out
 NO

Initial Hydrostatic Pressure	2116	PSI
Initial Flow	16 to 34	PSI
Initial Closed in Pressure	1534	PSI
Final Flow Pressure	43 to 61	PSI
Final Closed in Pressure	1533	PSI
Final Hydrostatic Pressure	2112	PSI
Temperature	125	°F
Pressure Change Initial Close / Final Close	0.0	%

Recovery at a glance



GIP cubic foot volume: 0



Company: Val Energy, Inc.
Lease: Mckay #2-29

SEC: 29 TWN: 30S RNG: 12W
County: BARBER
State: Kansas
Drilling Contractor: Murfin Drilling
Company, Inc - Rig 104
Elevation: 1777 EGL
Field Name: Wildcat
Pool: WILDCAT
Job Number: 517
API #: 15-007-24392

Operation:
Uploading recovery &
pressures

DATE
October
05
2021

DST #1 **Formation:** **Test Interval: 4342 -** **Total Depth: 4368'**
Mississippian **4368'**
Time On: 12:06 10/05 Time Off: 19:57 10/05
Time On Bottom: 15:02 10/05 Time Off Bottom: 17:35 10/05

BUCKET MEASUREMENT:

1st Open: Weak surface blow
1st Close: No BB
2nd Open: Surface blow lasting 4 min.
2nd Close: No BB

REMARKS:

Tool Sample: 0% Gas 4% Oil 48% Water 48% Mud
Ph: 7.5
Measured RW: .31 @ 73 degrees °F
RW at Formation Temp: 0.188 @ 125 °F
Chlorides: 26,000 ppm



Company: Val Energy, Inc.
Lease: Mckay #2-29

SEC: 29 TWN: 30S RNG: 12W
County: BARBER
State: Kansas
Drilling Contractor: Murfin Drilling
Company, Inc - Rig 104
Elevation: 1777 EGL
Field Name: Wildcat
Pool: WILDCAT
Job Number: 517
API #: 15-007-24392

Operation:
Uploading recovery &
pressures

DATE
October
05
2021

DST #1 **Formation:** **Test Interval: 4342 -** **Total Depth: 4368'**
Mississippian **4368'**
Time On: 12:06 10/05 Time Off: 19:57 10/05
Time On Bottom: 15:02 10/05 Time Off Bottom: 17:35 10/05

Mud Properties

Mud Type: Chemical **Weight:** 9.5 **Viscosity:** 53 **Filtrate:** 8.8 **Chlorides:** 5,000 ppm



Company: Val Energy, Inc.
Lease: Mckay #2-29

SEC: 29 TWN: 30S RNG: 12W
 County: BARBER
 State: Kansas
 Drilling Contractor: Murfin Drilling
 Company, Inc - Rig 104
 Elevation: 1777 EGL
 Field Name: Wildcat
 Pool: WILDCAT
 Job Number: 517
 API #: 15-007-24392

Operation:
 Uploading recovery &
 pressures

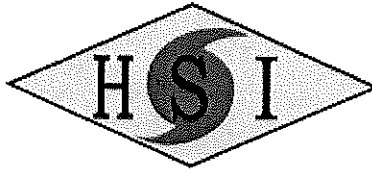
DATE
 October
05
 2021

DST #1 **Formation: Mississippian** **Test Interval: 4342 - 4368'** **Total Depth: 4368'**
 Time On: 12:06 10/05 Time Off: 19:57 10/05
 Time On Bottom: 15:02 10/05 Time Off Bottom: 17:35 10/05

Gas Volume Report

1st Open			
Time	Orifice	PSI	MCF/D

2nd Open			
Time	Orifice	PSI	MCF/D



HURRICANE SERVICES INC

Remit To: Hurricane Services, Inc.
250 N. Water, Suite 200
Wichita, KS 67202
316-303-9515

Customer:
VAL ENERGY, INC.
125 N MARKET
STE 1710
Wichita, KS 67202

Invoice Date: 9/30/2021
Invoice #: 0355796
Lease Name: McKay
Well #: 2-29 (New)
County: Barber, Ks
Job Number: WP1928
District: Pratt

Date/Description	HRS/QTY	Rate	Total
Surface	0.000	0.000	0.00
H-325	250.000	18.000	4,500.00
Light Eq Mileage	20.000	1.800	36.00
Heavy Eq Mileage	20.000	3.600	72.00
Ton Mileage	235.000	1.350	317.25
Depth Charge 0'-500'	1.000	900.000	900.00
Sugar	100.000	2.700	270.00

Need Plugging Contract

Total 6,095.25

TERMS: Net 30 days. Interest may be charged on past due invoice at rate of 1 1/2% per month or maximum allowed by applicable state or federal laws. HSI has right to revoke any discounts applied in arriving at net invoice price if invoice is past due. If revoked, full invoice price without discount plus additional sales tax, as applicable, is due immediately and subject to interest charges. Customer agrees to pay all collection costs directly or indirectly incurred by HSI in the event HSI engages a third party to pursue collection of past due invoice.

SALES TAX: Services performed on oil, gas and water wells in Kansas are subject to sales tax, with certain exceptions. HSI relies on the well information provided by the customer in identifying whether the services performed on wells qualify for exemption.

WE APPRECIATE YOUR BUSINESS!



HURRICANE SERVICES INC

Remit To: Hurricane Services, Inc.
250 N. Water, Suite 200
Wichita, KS 67202
316-303-9515

Customer:
VAL ENERGY, INC.
125 N MARKET
STE 1710
Wichita, KS 67202

Invoice Date: 10/7/2021
Invoice #: 0356177
Lease Name: McKay
Well #: 2-29
County: Barber, Ks
Job Number: WP1963
District: Pratt

Date/Description	HRS/QTY	Rate	Total
PTA	0.000	0.000	0.00
H-Plug	200.000	11.700	2,340.00
Light Eq Mileage	20.000	1.800	36.00
Heavy Eq Mileage	20.000	3.600	72.00
Ton Mileage Minimum	1.000	270.000	270.00
Depth Charge 4001'-5000'	1.000	2,250.000	2,250.00

Net Invoice	4,968.00
Sales Tax:	283.10
Total	5,251.10

TERMS: Net 30 days. Interest may be charged on past due invoice at rate of 1 ½% per month or maximum allowed by applicable state or federal laws. HSI has right to revoke any discounts applied in arriving at net invoice price if invoice is past due. If revoked, full invoice price without discount plus additional sales tax, as applicable, is due immediately and subject to interest charges. Customer agrees to pay all collection costs directly or indirectly incurred by HSI in the event HSI engages a third party to pursue collection of past due invoice.

SALES TAX: Services performed on oil, gas and water wells in Kansas are subject to sales tax, with certain exceptions. HSI relies on the well information provided by the customer in identifying whether the services performed on wells qualify for exemption.

WE APPRECIATE YOUR BUSINESS!



CEMENT TREATMENT REPORT

Customer:	VAL ENERGY, INC.	Well:	McKAY 2-29	Ticket:	WP 1963
City, State:		County:	BARBER,KS	Date:	10/7/2021
Field Rep:		S-T-R:	29-30S-12W	Service:	PTA

Downhole Information	
Hole Size:	7 7/8 in
Hole Depth:	ft
D.P. Size:	4 1/2 in
Casing Depth:	ft
Tubing / Liner:	in
Depth:	ft
Tool / Packer:	
Tool Depth:	ft
Displacement:	bbbls

Calculated Slurry - Lead	
Blend:	H-PLUG
Weight:	13.8 ppg
Water / Sx:	6.9 gal / sx
Yield:	1.43 ft ³ / sx
Annular Bbls / Ft.:	bbls / ft.
Depth:	ft
Annular Volume:	0.0 bbls
Excess:	
Total Slurry:	50.6 bbls
Total Sacks:	200 sx

Calculated Slurry - Tail	
Blend:	
Weight:	ppg
Water / Sx:	gal / sx
Yield:	ft ³ / sx
Annular Bbls / Ft.:	bbls / ft.
Depth:	ft
Annular Volume:	0 bbls
Excess:	
Total Slurry:	0.0 bbls
Total Sacks:	0 sx

TIME	RATE	PSI	STAGE BBLs	TOTAL BBLs	REMARKS
11:45AM			-	-	ON LOCATION- SPOT EQUIPMENT - RIG UP FOR JOB
1:25PM					** 1st PLUG @ 4710'
1:27PM	6.0	400.0	12.7	12.7	MIX 50 SKS H-PLUG CEMENT @ 13.8 PPG
1:31PM	6.0	400.0	5.0	17.7	H2o DISPLACEMENT
1:40PM	6.0	400.0	58.0	75.7	MUD DISPLACEMENT
3:12PM				75.7	** 2nd PLUG @ 750'
3:15PM	5.0	200.0	12.7	88.4	MIX 50 SKS H-PLUG CEMENT @ 13.8 PPG
3:17PM	5.0	200.0	7.3	95.7	H2o DISPLACEMENT
3:56PM				95.7	**3rd PLUG @ 350'
4:00PM	5.0	100.0	12.7	108.4	MIX 50 SKS H-PLUG CEMENT @ 13.8 PPG
4:03PM	5.0	100.0	1.6	110.0	H2o DISPLACEMENT
5:10PM					**4th PLUG @ 60'
5:16PM	4.0	-	6.0		MIX 20 SKS H-PLUG CEMENT @ 13.8 PPG
5:25PM	3.0	-	7.5		PLUG RATHOLE WITH 30 SKS H-PLUG CEMENT @ 13.8 PPG
					WASH UP PUMP TRUCK
					JOB COMPLETE,
					THANKS- KEVEN AND CREW

CREW		UNIT	SUMMARY		
Cementer:	LESLEY	75	Average Rate	Average Pressure	Total Fluid
Pump Operator:	WHITFIELD	179-521	5.0 bpm	200 psi	123 bbls
Bulk #1:	VALDEZ	182-536			
Bulk #2:					