

Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1

January 2018

Form must be Typed

Form must be Signed

All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

Purchaser: _____

Designate Type of Completion:

New Well Re-Entry Workover

Oil WSW SWD

Gas DH EOR

OG GSW

CM (Coal Bed Methane)

Cathodic Other (Core, Expl., etc.): _____

If Workover/Re-entry: Old Well Info as follows:

Operator: _____

Well Name: _____

Original Comp. Date: _____ Original Total Depth: _____

Deepening Re-perf. Conv. to EOR Conv. to SWD
 Plug Back Liner Conv. to GSW Conv. to Producer

Commingled Permit #: _____

Dual Completion Permit #: _____

SWD Permit #: _____

EOR Permit #: _____

GSW Permit #: _____

Spud Date or Date Reached TD Completion Date or Recompletion Date

API No.: _____

Spot Description: _____

_____ - _____ - _____ Sec. _____ Twp. _____ S. R. _____ East West

_____ Feet from North / South Line of Section

_____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

NE NW SE SW

GPS Location: Lat: _____, Long: _____
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum: NAD27 NAD83 WGS84

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Vertical Depth: _____ Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: _____ Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: _____ Feet

If Alternate II completion, cement circulated from: _____

feet depth to: _____ w/ _____ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: _____ ppm Fluid volume: _____ bbls

Dewatering method used: _____

Location of fluid disposal if hauled offsite:

Operator Name: _____

Lease Name: _____ License #: _____

Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West

County: _____ Permit #: _____

AFFIDAVIT

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Submitted Electronically

KCC Office Use ONLY

Confidentiality Requested

Date: _____

Confidential Release Date: _____

Wireline Log Received Drill Stem Tests Received

Geologist Report / Mud Logs Received

UIC Distribution

ALT I II III Approved by: _____ Date: _____

Operator Name: _____ Lease Name: _____ Well #: _____

Sec. _____ Twp. _____ S. R. _____ East West County: _____

INSTRUCTIONS: Show important tops of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No Geologist Report / Mud Logs <input type="checkbox"/> Yes <input type="checkbox"/> No List All E. Logs Run: _____	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
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CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone				

1. Did you perform a hydraulic fracturing treatment on this well? Yes No *(If No, skip questions 2 and 3)*
2. Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? Yes No *(If No, skip question 3)*
3. Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? Yes No *(If No, fill out Page Three of the ACO-1)*

Date of first Production/Injection or Resumed Production/Injection:	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____			
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio Gravity

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</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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Conservation Division
266 N. Main St., Ste. 220
Wichita, KS 67202-1513

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

Susan K. Duffy, Chair
Dwight D. Keen, Commissioner
Andrew J. French, Commissioner

Laura Kelly, Governor

February 17, 2023

Wray Valentine
Quail Oil & Gas, LC
2005 North Taylor Avenue
PO BOX K
GARDEN CITY, KS 67846-9633

Re: ACO-1
API 15-007-24441-00-00
KELLER 1-31
SE/4 Sec.31-30S-12W
Barber County, Kansas

Dear Wray Valentine:

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 09/26/2022 and the ACO-1 was received on February 16, 2023 (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

David A. Barker

CONSULTING GEOLOGIST

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

Well Name: 1-31 Keller
Well Id: 15-007-24441
Location: 31-T30S-R12W
License Number:
Spud Date: 9/26/2022
Surface Coordinates: 1845' FSL & 445' FWL

Region: Barber County, Kansas
Drilling Completed: 10/07/2022

Bottom Hole
Coordinates:
Ground Elevation (ft): 1829 K.B. Elevation (ft): 1841
Logged Interval (ft): surface To: TD Total Depth (ft): 4844
Formation: Arbuckle
Type of Drilling Fluid: chemical

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

OPERATOR

Company: Ouail Oil & Gas
Address: PO Box K
Garden City, KS 67648

GEOLOGIST

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

Contractor

Fossile Drilling Rig #3, 10213 Blue Stem Blvd, Pratt, KS, 67124

Daily Status

9-26-2022: Spud well at 11:00 A.M.,
drill to 321' run 7 JTS 8 5/8", set at 311" cement with 225 SXS 60/40, plug down at 5:30 P.M. wait on cement,
9-27-2022: Trip in hole with Smith M1616, PDC bit and drill cement at 1:30 A.M. then drill to the morning depth of 680'
9-28-2022: morning depth of 2380', survey's@: 946' 1/8 deg., 1454' 1/4 deg., 1962 3/4 deg.
9-29-2022: Morning depth 2817', DST #1 interval 2747 to 2817', Survey @: 2471' .75 deg., 2990' 1/2 deg.
9-30-2022: Morning depth: 3268',, DST #2 2966 to 2990', deg., 2990' 1/2 deg.
10-01-2022: Morning depth 3633' DST #3. 3566 to 3633, Survey @ 3633' 11/2 deg.
10-02-2022: Morning depth 3900', DST #6 3828 to 3867' Survey @ 3867 11/2 deg.
10-03-2022: Morning depth: 4084', DST #5 3927 to 3970', Survey @ 3970 13/4 deg.
10-04-2022: Morning depth: 4368', DST #6 4300 to 4368', Survey @ 4084 1 1/2 deg., 4242 2 deg., 4322 1 3/4 deg., 4368 1 1/2 deg.,
10-05-2022: Morning depth 4577', Dst# 7 4546 to 4577', Survey's @ 4464' 1 3/4 deg., 4577' 1 Deg.,
10-06-2022: Morning depth of 4624',
10-07-2022: Morning depth of 4784' DST # 8 4671 to 4717, Survey@ 4717' 1 1/4 deg.,drill to total depth of 4844 and run Elogs.
10-08-2022: Morning depth: 4844, waiting on casing crew.
10-09-2022: prepare to run casing, lay down drill pipe.
10-10-2022: Run production casing 5 1/2" J55 15.5# casing, 117 jts, set at a depth of 4830' with 400 sx; 100 sx on the bottom and 300 sx on the top. rig down the rig.

DST #1, 2747 to 2817, Indian Cave SD: IF: 30 min: BOB 15 sec, GTS 25 min, ISI: 60 min, blow back 30 sec, 4.5 inches, FF: 60 min., BOB GTSASAO, strong building blow, flowed water in 50 minutes, FSI: 120 min., blow back 1 min. 3.5 inches, REC 880 feet og gassy water 10% gas 90% water, chlorides 44,000 PPM, IHP 1341 to 1312#, IFP 124 to 314#, FFP 245 to 534#, BHP 961 to 957#, BHT 100 deg.

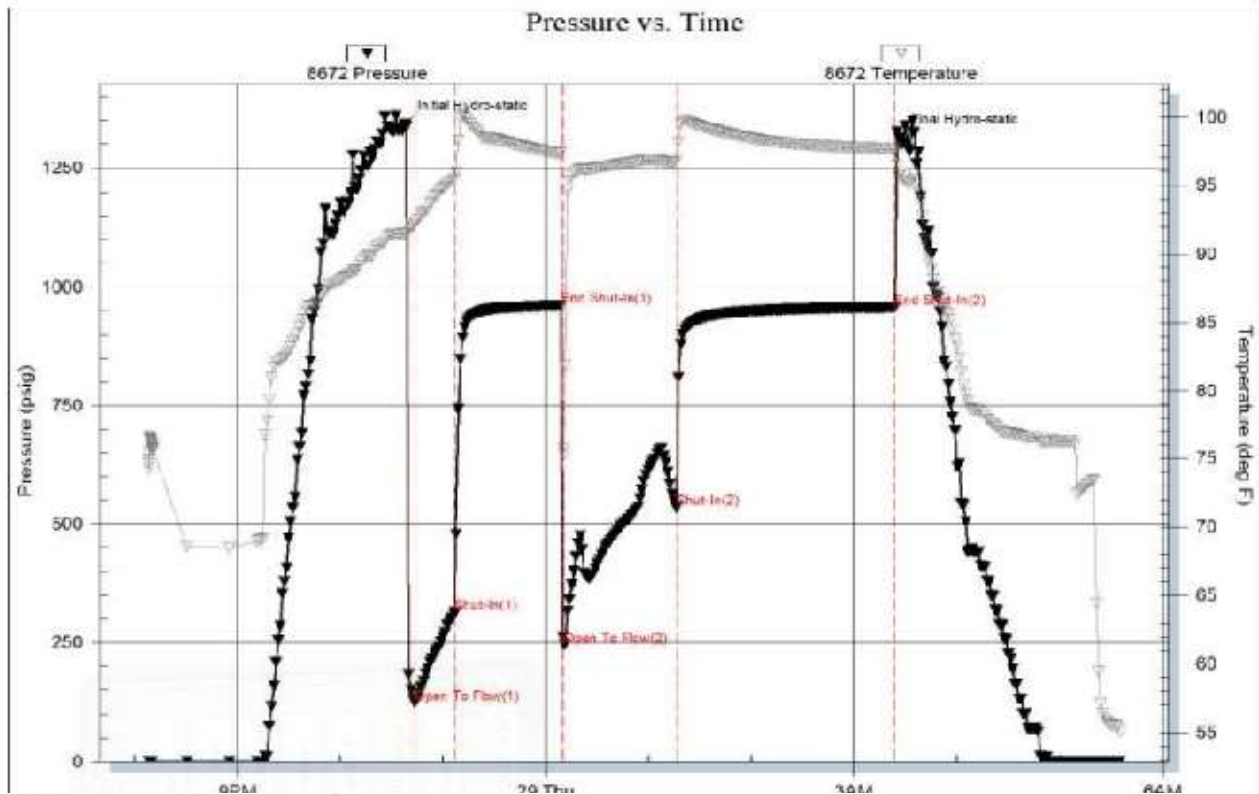
Serial #: 0672

Inside

Qual Oil & Gas, LLC

Keller 1-31

DST Test Number: 1



Gas Rates Information

Temperature: 59 (deg F)
 Relative Density: 0.65
 Z Factor: 0.8

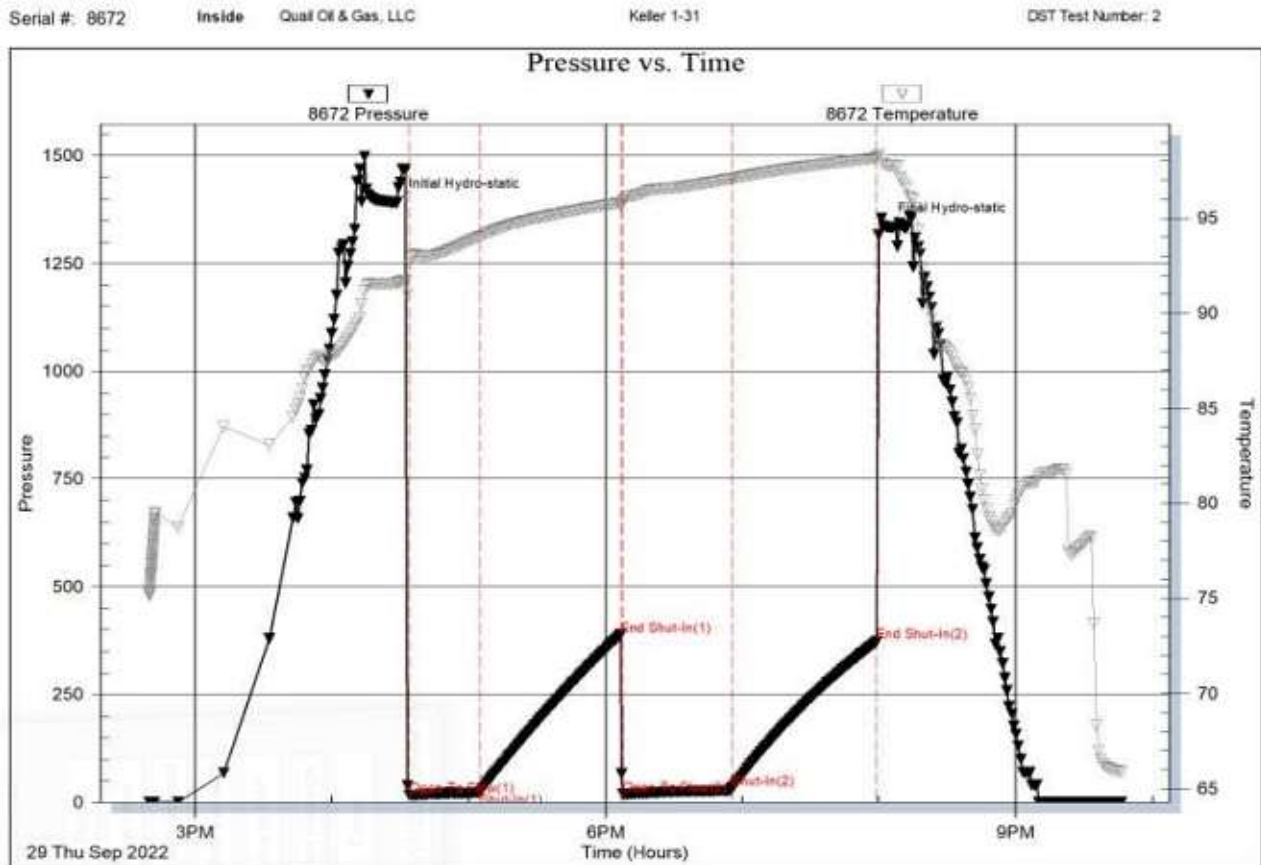
Gas Rates Table

Flow Period	Elapsed Time	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
2	10	0.38	42.00	206.61
2	20	0.38	55.00	254.23
2	30	0.38	69.00	305.51
2	40	0.38	81.00	349.47
2	50	0.38	182.00	719.46

Remarks

At the 1-31 Keller location production casing was set to a depth of 4830 to further test through pipe the prospective productive zones. A list of the prospective zones in 1-31 Keller location would include the following: Indian Cave Sandstone, Bern LS from 3130 to 3154, Upper Lecompton LS, Lower Douglas Sandstone, Upper Lansing "B" zone, and the Arbuckle dolomite. All prospective productive zones were circulated and or Drill stem tested at this location. I especially liked the upper Mississippian sample shows- interval 4347 to 4376 at this location. These samples were Chert: even to to heavy stained with slight show of free oil, fair to good even fluorescence. abundant edge stain and stained fractures. This interval was covered by DST #6. This DST covered the Upper Mississippian and the Marmaton but these two zones proved that these two zones were very tight. DST # 7 across the upper Viola formation also proved this interval to be very tight but with building bottom hole pressures from 966 to 1266#, It is felt that this location, Keller 1-31, is close to a productive Viola producer because of DST #7 and the sample shows at this location. DST #8 tested the Upper Simpson Sand and recovered over 3000 feet of slightly gassey salt water. This is a tremendous strong water drive reservoir with the final flow pressures approaching the final bottom hole pressures. The recovered water from DST #8 had a very strong petroleum smell to it not unlike the water from a producing Simpson Sand oil well. Further drilling should prove to find a productive Simpson Sand well or wells in this area. The top of the Arbuckle carried a oil show in the wet and dry samples. It is very unusal for the Arbuckle to carry a show in this area. This zone should be perforated and tested through pipe. Thank you David Barker

DST #2 2966 to 2990, Tarkio SD.: IFP. 30 min. : BOB 15 min., strong building blow-16 inches, ISP60 min.: no blowback, FFP. 45 min.: BOB 15 min., strong building blow-21 inches, FSIP. 60 min. : no blow back, REC 15 feet of mud.
IHP 1391 to 1391#, IFP 16 to 25#, IBHP 389+#, FFP 19 to 33#, FFP 373#. REC 15 feet of mud



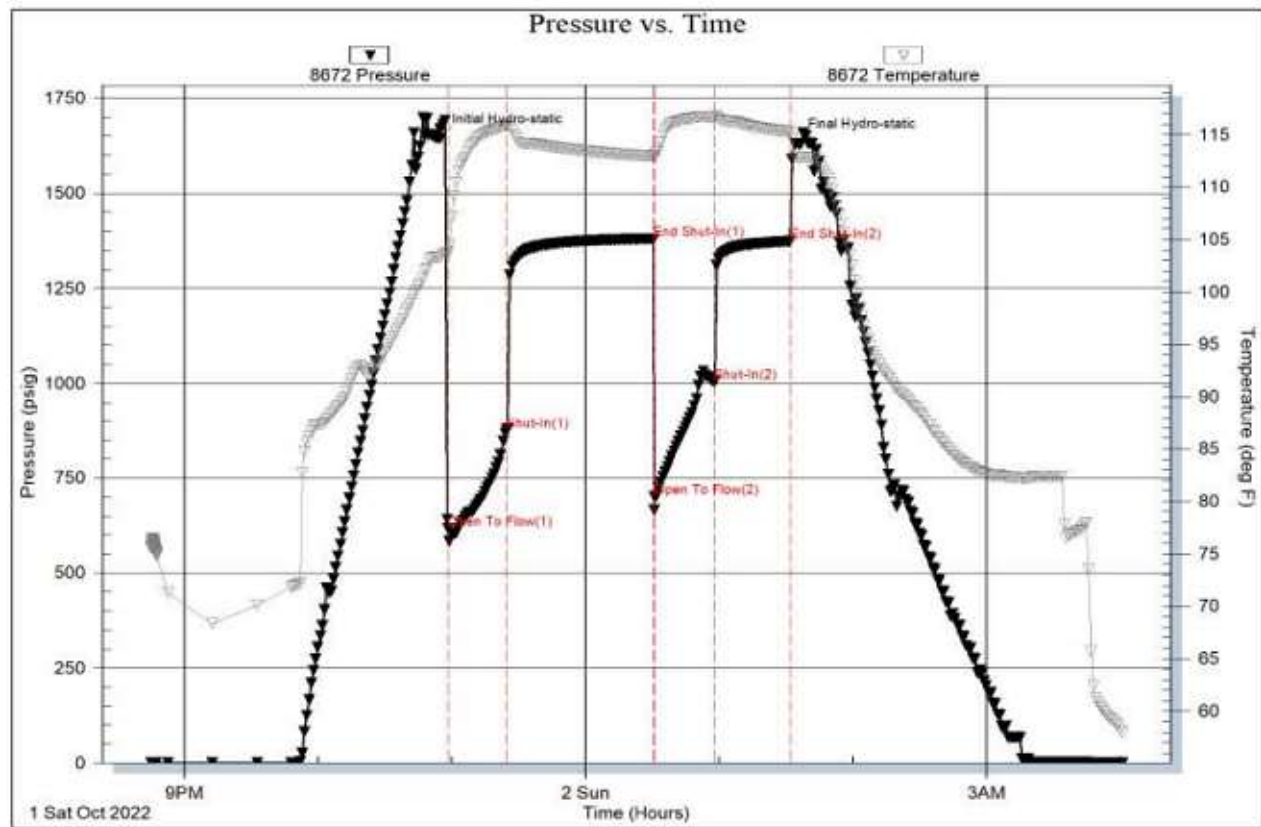
DST #3 3566 to 3633, Lecompton LS. IFP 30 min.: BOB, ASAO, GTS 5 min., gas gauge 275 MCFG before flowing water in 25 min., ISIP 60 min.: blow back 15 sec., FFP 30 min., BOB 15 sec., flowed water 20 min., FSP 30 min., blow never died. REC 1350 feet of gassy water, 10% gas and 90% water, tritrate water chlorides 111,000 PPM. BHT 116 deg.

Serial #: 8672

Inside: Qual Oil & Gas, LLC

Keller 1-31

DST Test Number: 3



Gas Rates

	Choke (Inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.50	25.00	265.78

Last Gas Rate

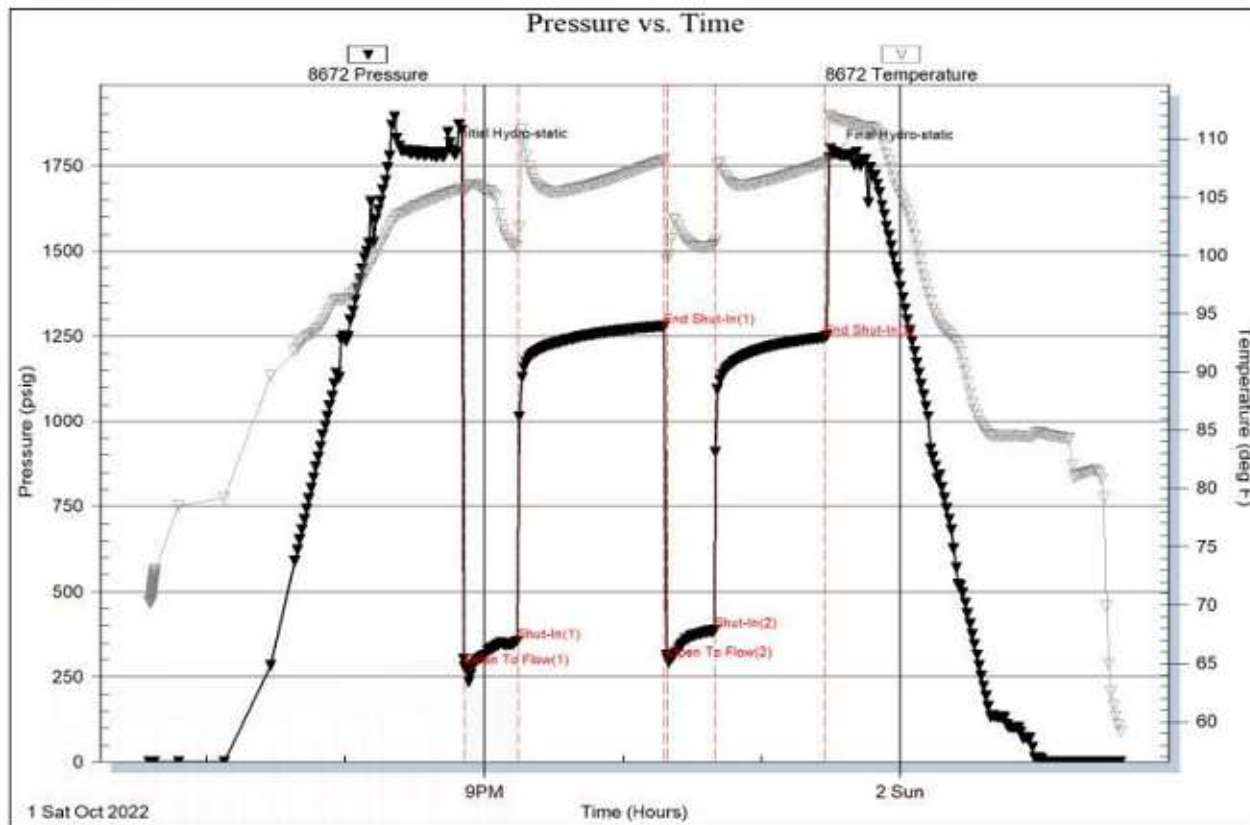
DST #4, 3828 to 3867, Lower Douglas Sand: IFP, 30 min.: BOBASAO GTS in 3 min., strong building blow, ISIP, 60 min.: blow back 30 sec. 2 inches, FFP 20 min.: BOB GTS ASAO, strong building blow, FSIP45 min.: blow back 30 sec. 1.3 inches. REC 244 gasy water (muddy), 10% gas 60% water and 30% mud, IHP 1788#, IFP 280 to 354#, IBHP 1280#, FFP302 to 386#, FBHP 1247#, FHP 1784#. Tritrate recovered water 68,000 PPM chlorides

Serial #: 8672

Inside Quail Oil & Gas, LLC

Keller 1-31

DST Test Number: 4



Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.50	128.00	960.59
Last Gas Rate	0.50	173.00	1264.14
Max. Gas Rate	0.50	173.00	1264.14

DST #5, 3927 to 3970, Upper Lansing: IFP 30 min.: BOB 1 min. strong building blow, 284 inches, ISIP 60 min.: blow back 15 sec. 2.6 inches, FFP 30 min.: BOB 2 min., strong building blow, 284 inches, gas to surface TSTM, FSIP 60 minutes, flow back 1.5 min., 1.4 inches, REC: GIP, 630 feet of gassy water, 5% gas 95% water, 126 feet of gassy oil cut watery mud, 10% gas, 5% oil and 5% water and 80% mud, Tritrate recovered water 111,000 ppm Chlorides, IHP 1831#, IFP 64 to 184#, IBHP 1308#, FFP 185 to 309#, FBHP 1284#, FHP 1833#, BHT 121 deg.

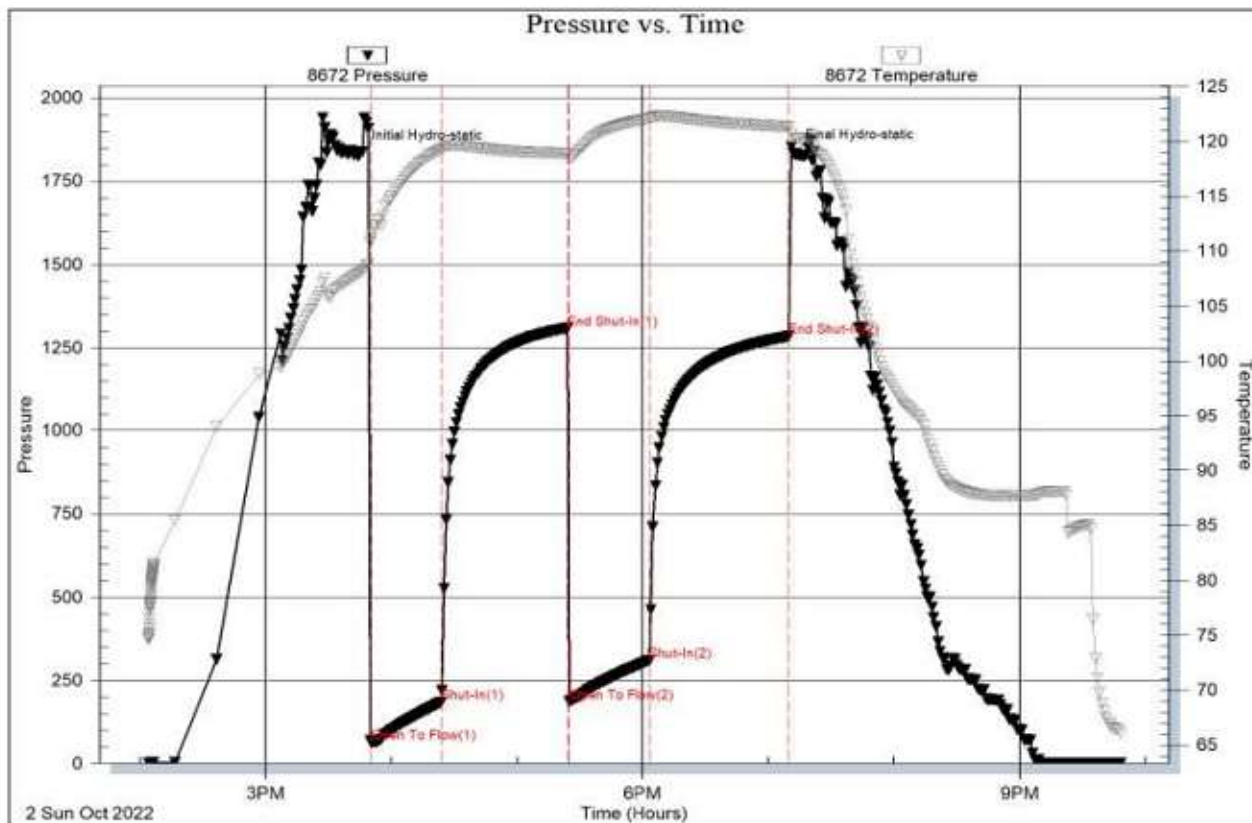
Serial #: 8672

Inside

Qual Oil & Gas, LLC

Keller 1-31

DST Test Number: 5



DST 6, 4300 to 4368, Marmaton ad Mississippi: IFP 15 min.: BOB 1 min., strong building blow, 28 inches, ISIP 45 min.: no blow back, FFP 60 min.: BOB 20 min., strong building blow, 16 inches, FSIP 90 min.: no blow back, REC 20 mud, IHP 2079, IFP 45 to 42#, IBHP 100#, FFP 26 to 40#, FBHP 246#, FHP 2064#, BHT 120 deg

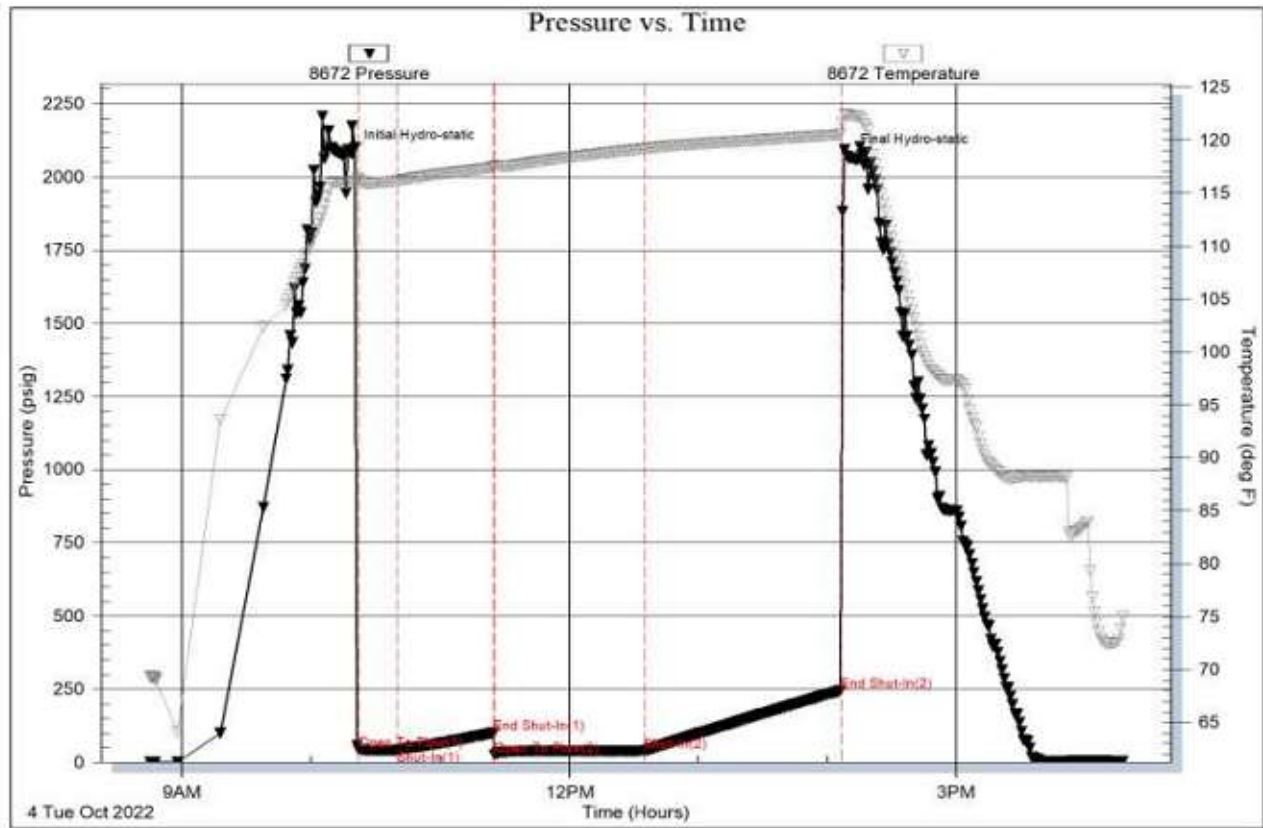
Serial #: 8672

Inside

Qual Oil & Gas, LLC

Keller 1-31

DST Test Number: 6



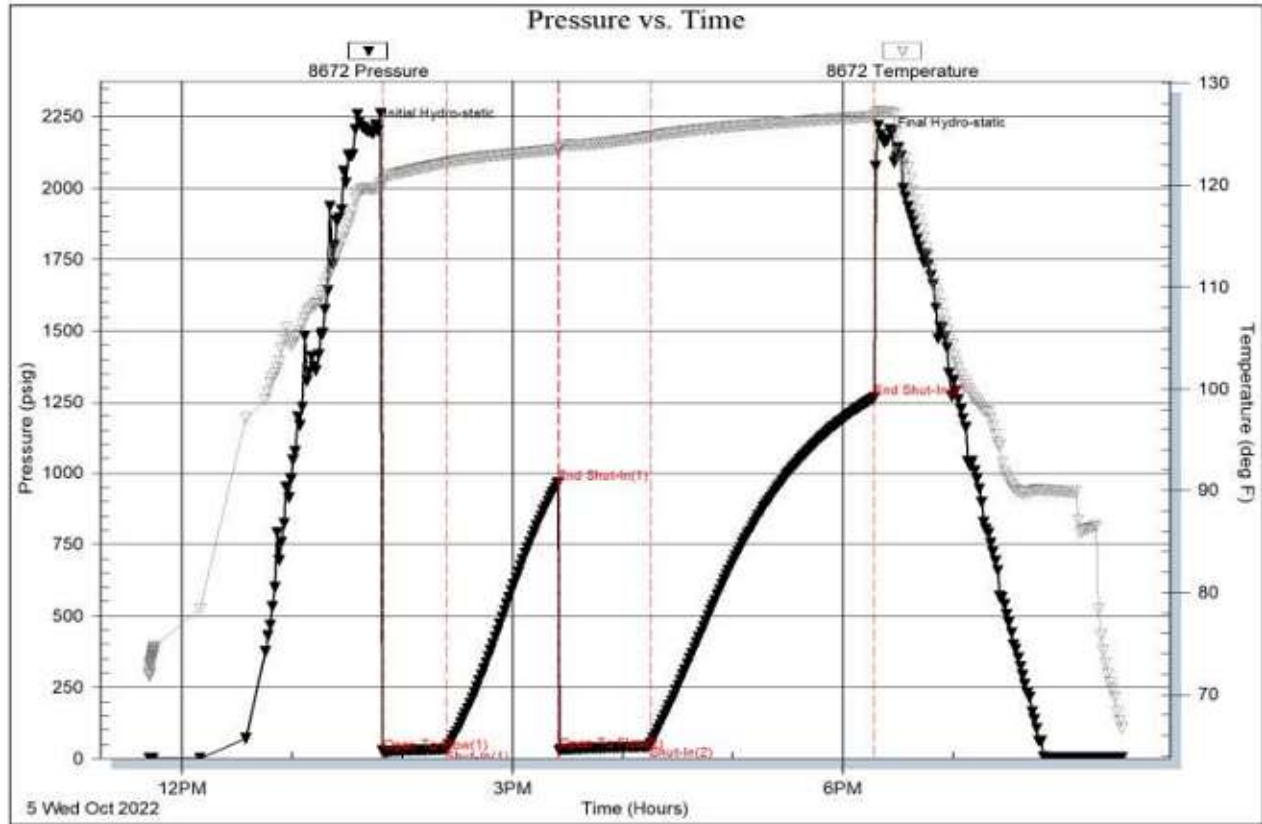
DST #7, 4546 to 4577, Viola: IFP 30 min.: BOB 6 min., strong building blow, 28 inches, ISIP 60 min.: no blow back, FFP 45 min.: BOB 30 sec., strong building blow 28 inches, FSIP 120 min.: no blow back. IHP 2194#, IFP 23 34#, IBHP966#, FFP 28 to 49#, FBHP 1266# FHP 2163#, BHT 126, REC: 15 oil spotted mud 1% oil and 99% mud

Serial #: 8672

Inside Qual Oil & Gas, LLC

Keller 1-31

DST Test Number: 7



DST #8, 4671 to 4717, Simpson Sand: IFP 15 min.: BOB 30 sec, strong building blow 4580 inches, ISIP 30 min.: blow back 30 sec. 6 inches, FFP 15 min.: BOB ASAO, strong building blow 249 inches, FSIP 30 min.: no blow back., IHP 2254#, IFP 682 to 1261#, IBHP 1691#, FHP 2245#, FFP 1313 to 1571#, FBP 169+7#, FFHP 2245#, BHT 136 deg., REC: 3020 feet of gassy water 5% gas 95% water, tritrate chlorides for the recovered water 59,000 PPM

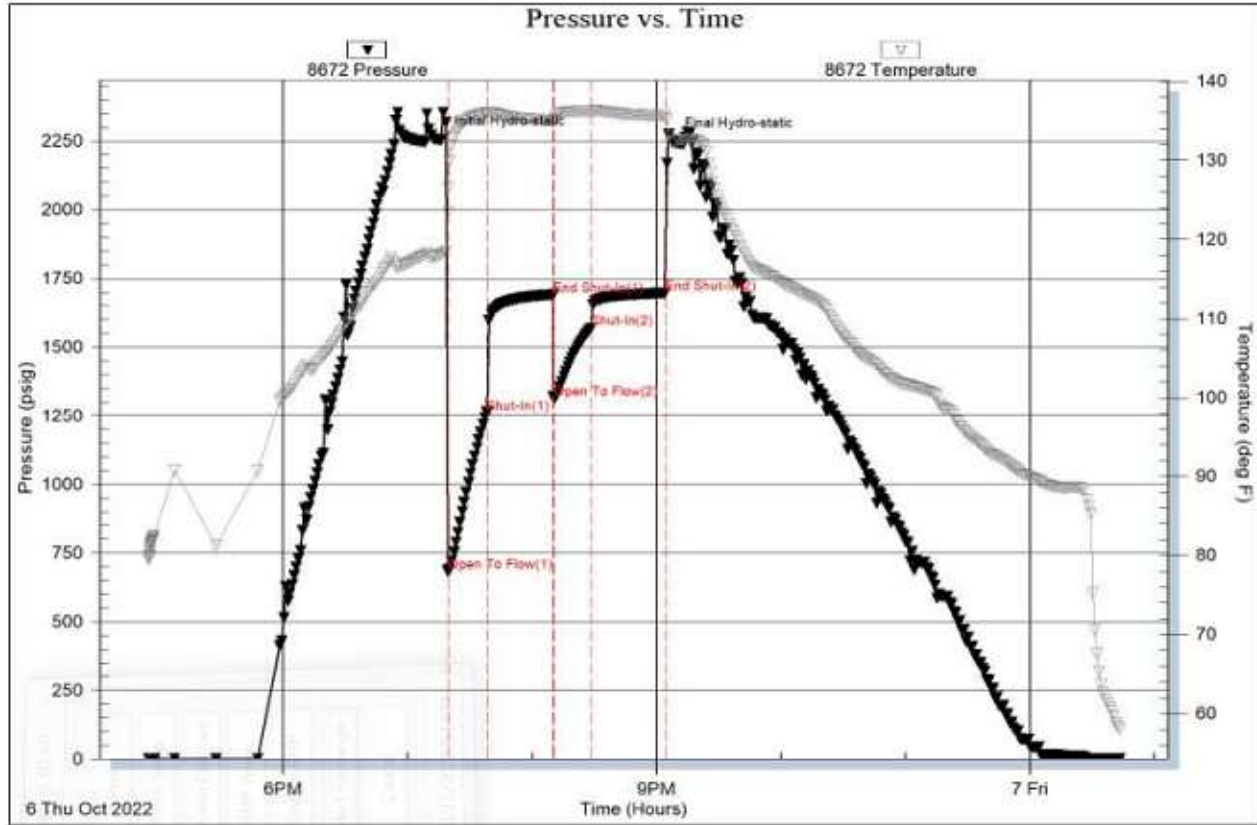
Serial #: 8672

Inside

Qual Oil & Gas, LLC

Keller 1-31

DGT Test Number: 8



ACCESSORIES

FOSSIL

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

STRINGER

- Anhy
- Arg
- Bent
- Coal
- 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

OTHER SYMBOLS

INTERVALS

- Core
- Dst
- Dst

EVENTS

- Rft
- Sidewall
- Cfs
- Conn

POROSITY TYPE

- Earthy
- Fenest
- Fracture

- Inter
- Moldic
- Organic
- Pinpoint
- Vuggy

LITHOLOGY

- Anhy
- Chtred
- Cht
- Congl
- Shale
- Shgy
- gray scaless
- Ss

- Carb shale
- Gray shale
- Sandy lmst
- Shale
- Slit stn
- Shaly slst
- Slty shale
- Blank
- Gray lmst
- Cream lmst
- Red shale
- Blue-green siltstn
- Green shale
- D. green shale
- Green shale

- Brown lmst
- Brown shale
- Brown dol
- Brown cream
- Brown cream
- D. green lmst
- pink lime
- Light cream lmst
- Gray cream lmst
- Green dol
- Gray dol

- Poor

ROUNDING

- Rounded
- Subrnd
- Subang
- Angular

OIL SHOWS

- Even
- Spotted
- Ques
- Dead
- Gas show

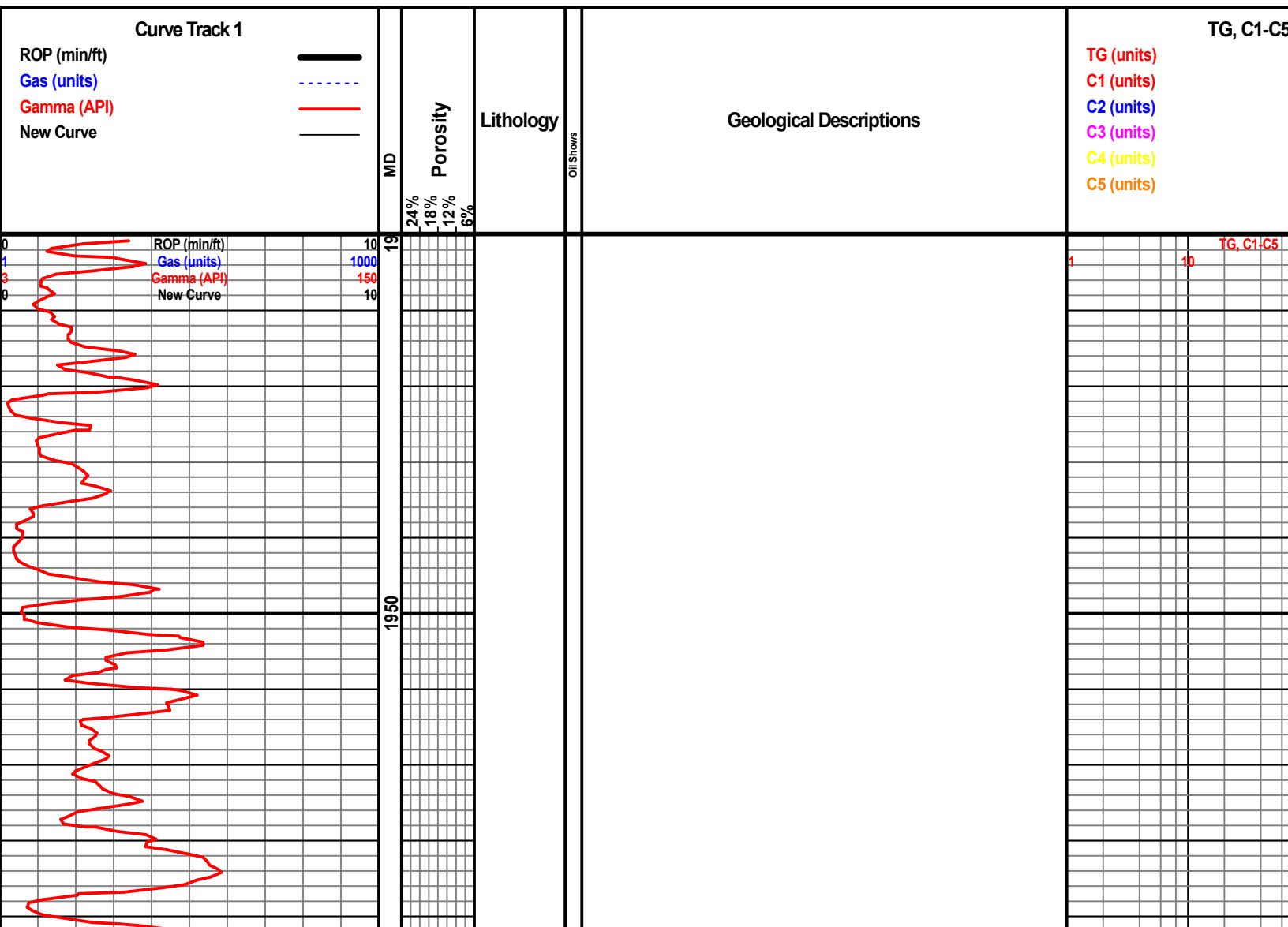
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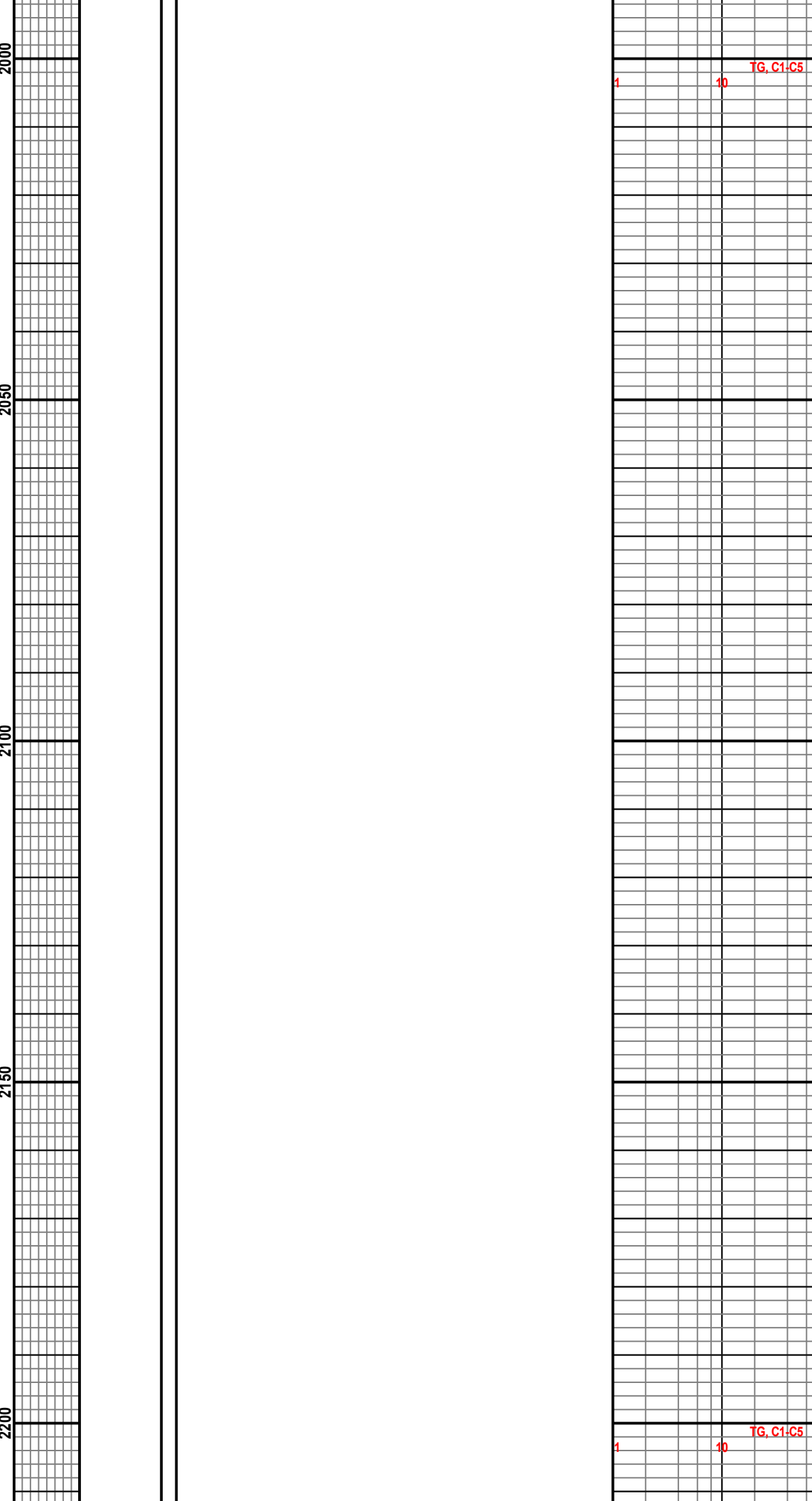
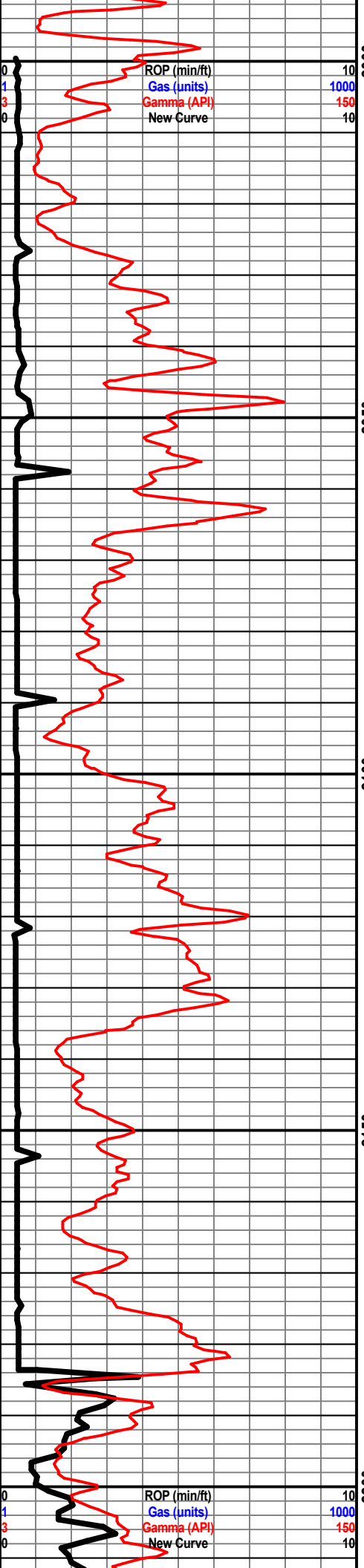
- Well
- Moderate

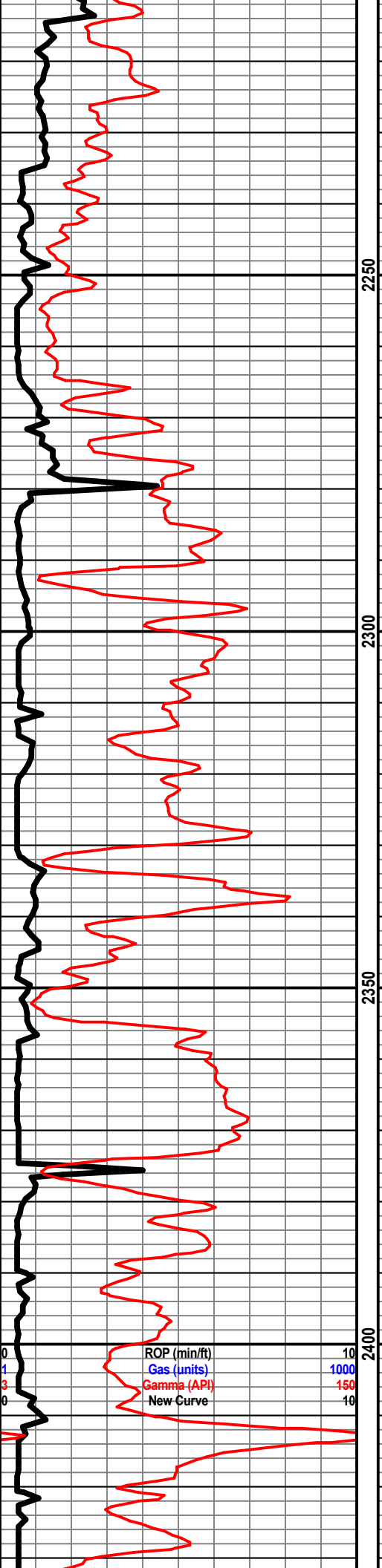
ROCK TYPES

- Anhy
- Chtred
- Cht
- Congl
- Shale
- Shgy
- gray scaless
- Ss
- Carb shale
- Gray shale
- Sandy lmst
- Shale
- Slit stn
- Shaly slst

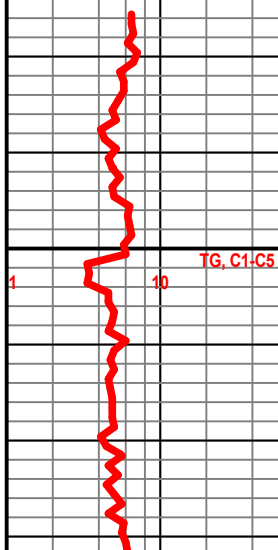
- Slty shale
- Blank
- Gray lmst
- Cream lmst
- Red shale
- Blue-green siltstn
- Green shale
- D. green shale
- Green shale
- Brown lmst
- Brown shale
- Brown dol
- Brown cream
- Brown cream
- D. green lmst
- pink lime
- Light cream lmst
- Gray cream lmst
- Green dol
- Gray dol

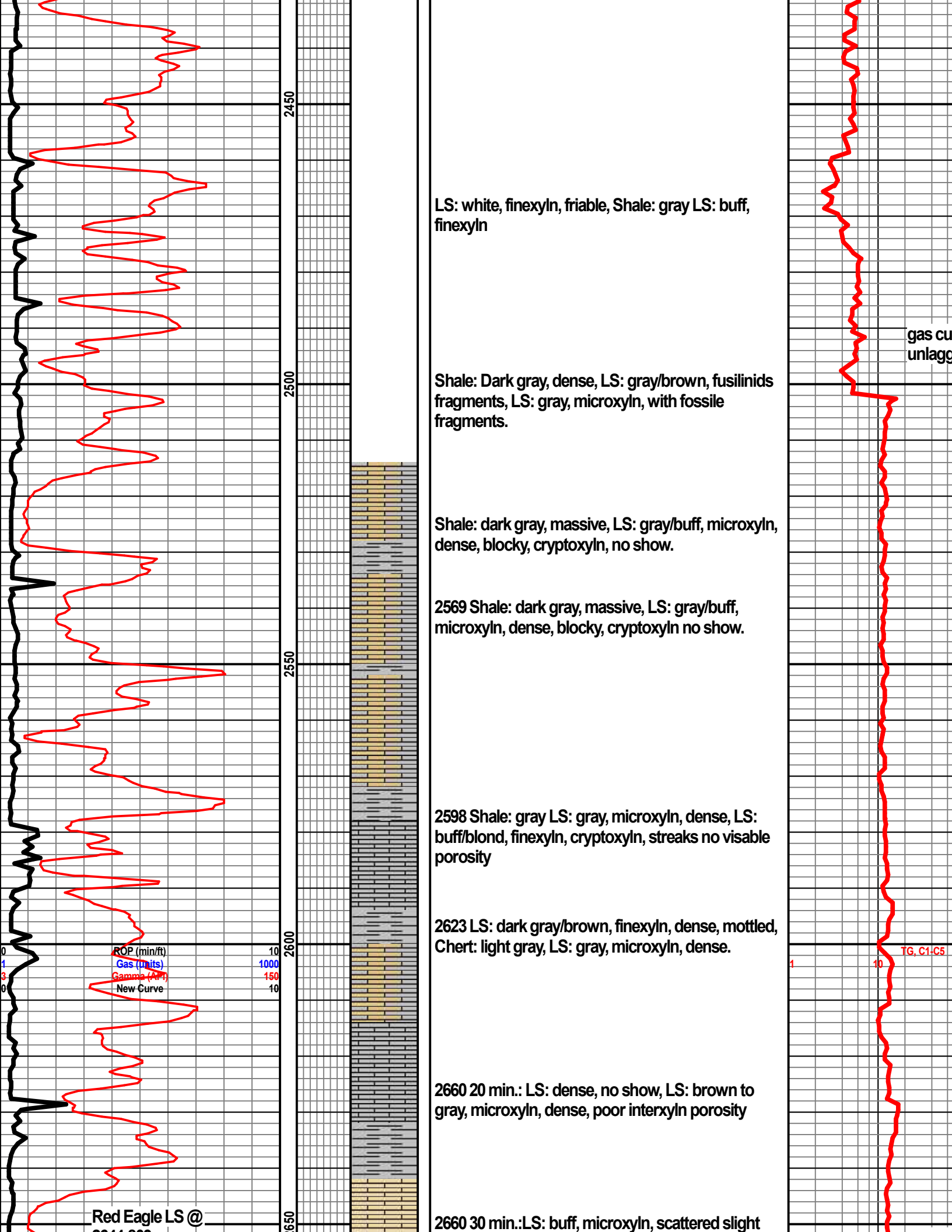


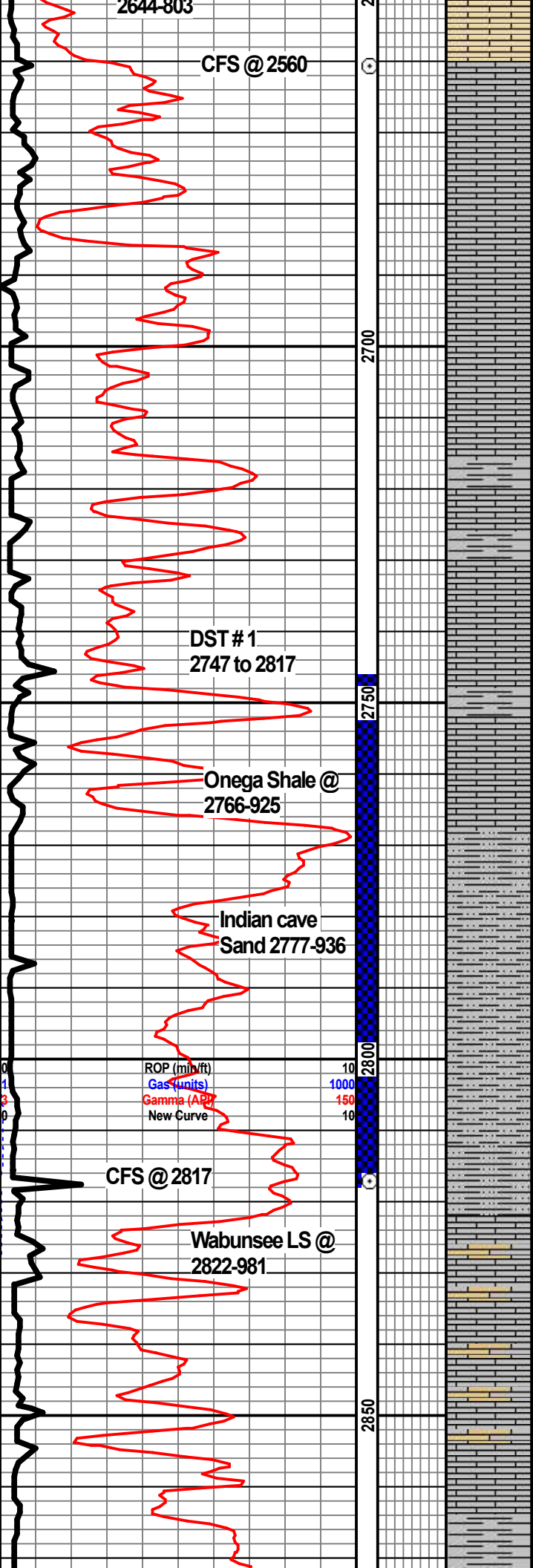




Start Pason
gas analyzer







visible porosity, LS: dirty gray, finexyln, poor interxyln porosity, Shale: gray, massive, no sample odor, no fluorecence, no gas increase.

2721 LS: gray, finexyln mudstone, no visible porosity, LS: brown/gray, microxyln, very dense, Shale: gray/green.

2755 Shale: light green/waxy, Shale: gray, blocky, LS: dirty gray, microxyln, no visible porosity, dense, cream/gray in part.

2786 Shale: gray, Shale: gray/green, Shale: dark gray, LS: dark dirty gray, fossiliferous, microxyln, dense, mottled, lighter in part

2817 LS: gray/brown, finexyln, poor interxyln porosity, mottled, Shale: gray to medium gray

2817 20 min: No odor, SD. STN: fine grain, micaceous, random gas bubbles, no fluorecence, friable

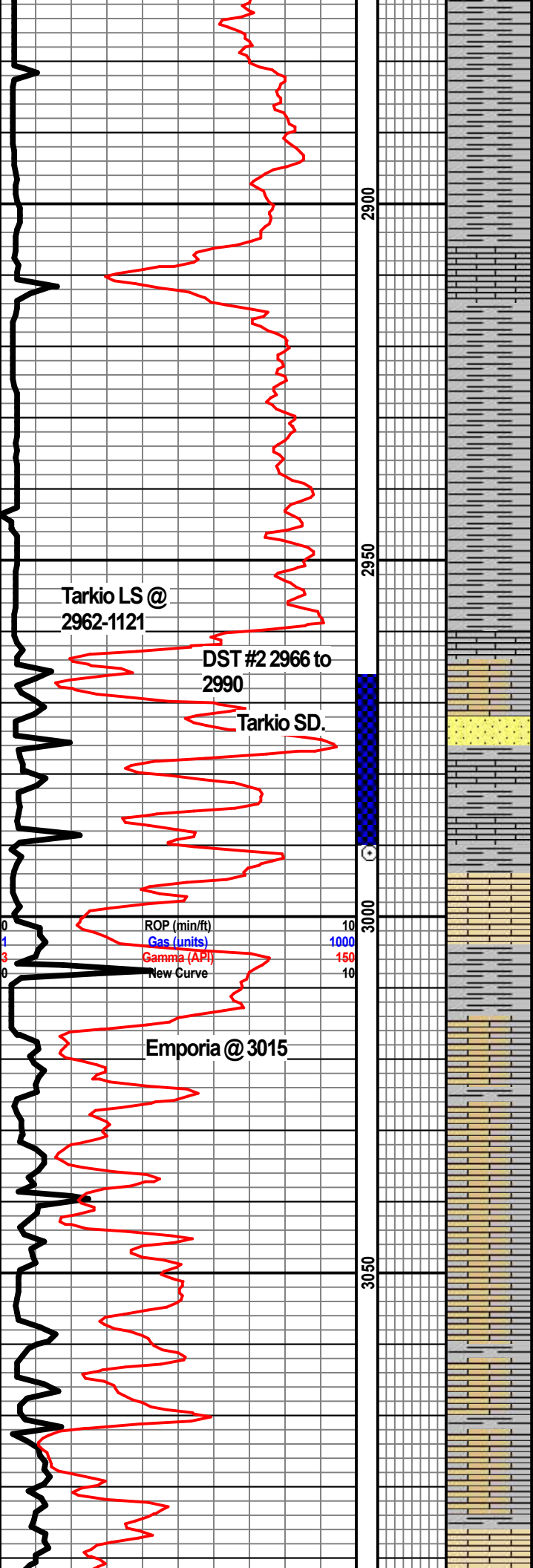
2817 40 min: SD. STN: light gray, fine grain, micaceous, random gas bubbles, no fluorecence, friable, with black shale streaks

2881 flood of LS: gray, to dark gray to medium gray, and or light cream/gray, friable.

gas cu
unlagg

g, C1-C5

gas curve
unlagged



2912 LS: LS: gray, to dark gray to medium gray, and or light cream/gray, friable. Shale gray massive, dense. LS: dark gray, dense, microxyln, dense, plattey

2944 Shale gray, silty, gray to dark gray, LS: dark gray/brown, micoxyln, wakestone, dense, platey

gas curve unlagged

Shale: gray

2990 LS: gray, microxyln, dense, no viable porosity, LS: buff, microxyln slight mottled, random pinpoint porosity, poor interxyln porosity, no show, Shale: gray, dense

2992 20 min: Shale: dark gray, dense blocky, LS: gray, microxyln, dense, LS: cream to buff, slight moldic porosity, poor internxyln porosity, Siltstone, light gray, micaceous, platey,

2992 40 min: SD. STN/Siltstone: light gray, fine grain, small amount of chlorite, friable in part, scattered gas bubbles when chrushed, micaceous, shaley in part, poor intergrainular porosity in part.

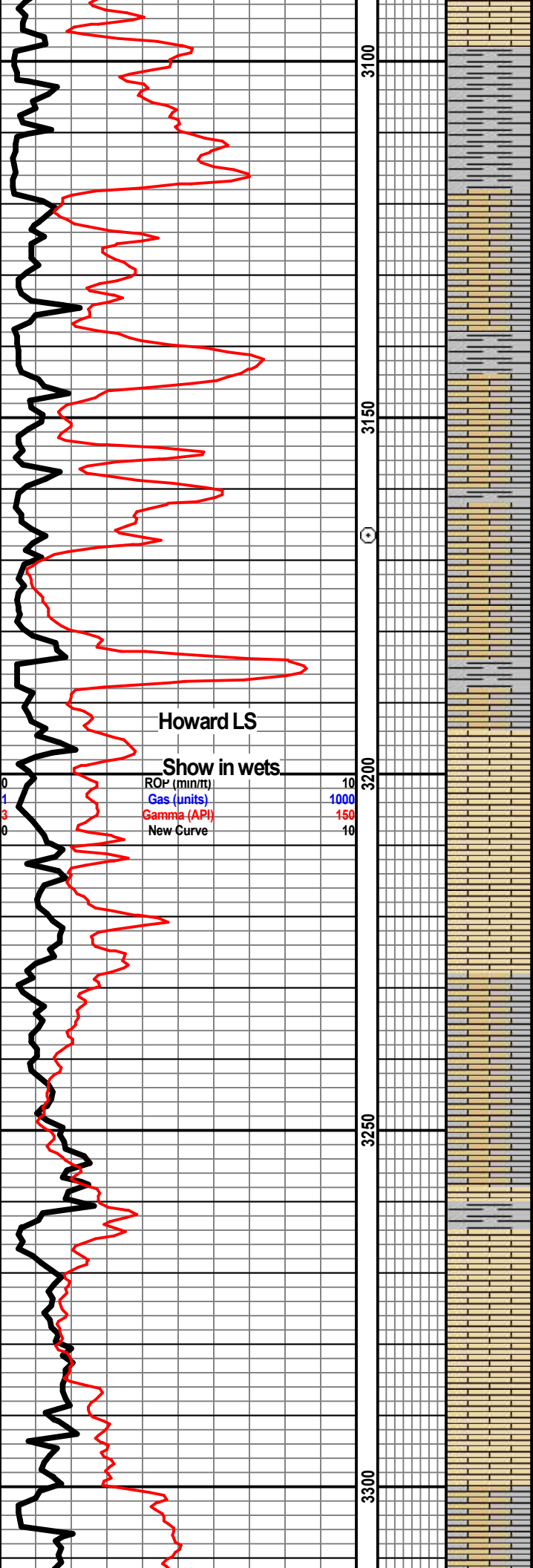
3039 LS: cream, finxlyn, no visable porosity, Shale: gray,

3071: LS: gray/cream, finexyln, no visable porosity, LS: dark brown, finexyln, mottled, Shale: gray to gray/green, mottled in part.

3103 LS: brown, micoxyln, dense, LS: gray, medium to finexyln, dense, no visable porosity, LS: cream, cryptoxyln, no visable porosity, Shale: gray, blocky

ROP (min/ft) 10
Gas (units) 1000
Gamma (API) 150
New Curve 10

TG C1-C5
1 10



3134 LS: cream to buff, finexyln, mudstone, with fossile fragments, no visable porosity, Shale: gray to dark gray, LS: white/cream, mudstone, wtih bright florescence,

3166 LS: buff to gray/ buff, finexyln, fossiliferous packstone in part, no visable porosity to very slight visable porosity, Shale: gray, LS: light gray, microxyln, dense, no show.

gas curve unlagged

3166 20 min.: LS: cream/gray, finexyln, poor interxyln porosity, 1 piece with medium fluorensce, slight stain, no stain in the dry samples, scattered LS: cream, finexyln, pinpoint porosity, questionable stain, no odor from the sample. LS: gray slight visable porosity, with even brown stain, no show of free oil dull florescence.

3166 40 min.: LS: gray, slight visable porosity, broke fair show of free oil, LS: cream, fair pin point moldic porosity, fair interxyln porosity, no stain in dries, 1 piece with lazey oil show, fossile moldic porosity

Howard LS

Show in wets

ROF (minwt)	10
Gas (units)	1000
Gamma (API)	150
New Curve	10

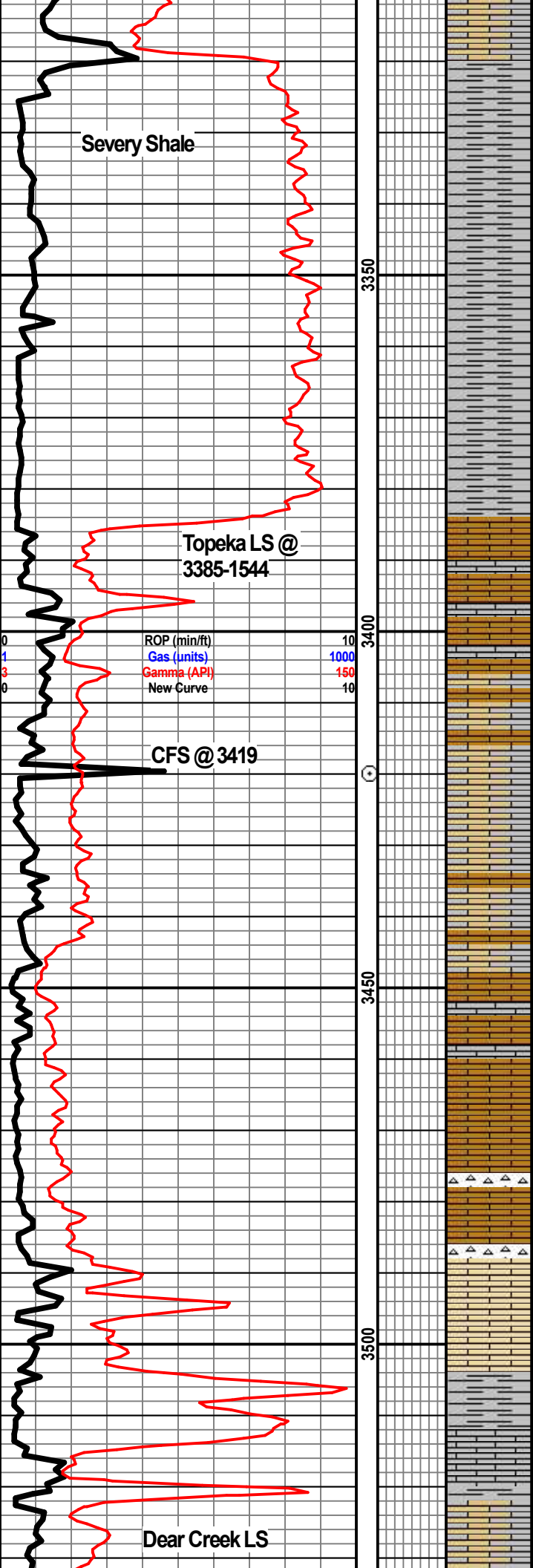
3228: LS: fine grain, slight visable porosity, fair stain, Shale: gray, with LS: white to off white, mudstone, scattered slight visable porosity, firm poor interxyln porosity, brecciated in part.

3261: LS: gray/brown, microxyln, dense, LS: cream/buff, finexyln, no visable porosity, poor interxyln porosity, no show, no florescence, mottled in part, Shale: gray

3293: LS: cream to gray/cream, fiexlyln, poor interxyln porosity, 1 piece of oolitic packstone, fair visable porosity, no show, no florescence. LS: cream/gray/buff, finexlyln, mudstone, Shale: gray

3324 LS: gray to cream/gray, microxyln, no visable porosity, LS: light brown, microxyln, fossiliferous

Dis
sy



fragments, no visible porosity, Shale: gray

Shale: gray, sample mostly sluff

Shale: gray, silty, LS: brown, microxyln, dense-sluff

3387 Shale: gray, silty, LS: dark brown, platy, microxyln, dense

3419 Shale: gray, silty, LS: brown, microxyln, dense

3419 20 min: Shale: gray, silty, LS: brownish gray, mottled no visible porosity, poor interxyln porosity, dense, no show

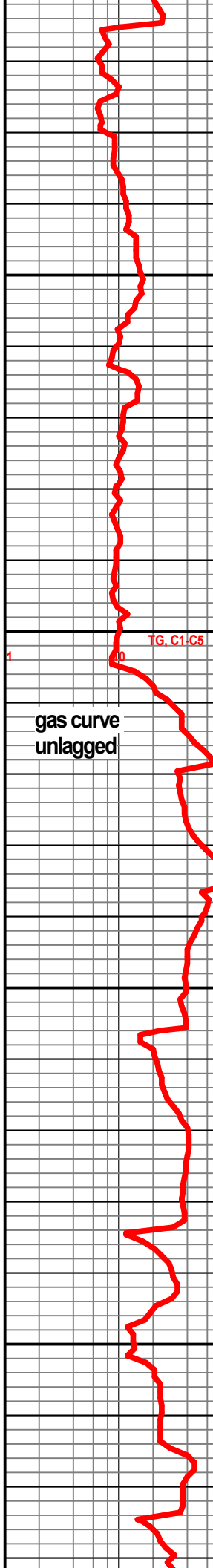
3451 LS: gray/cream, finexyln, subchky, mottled in part, Shale: gray, LS: brown, microxyln, dense

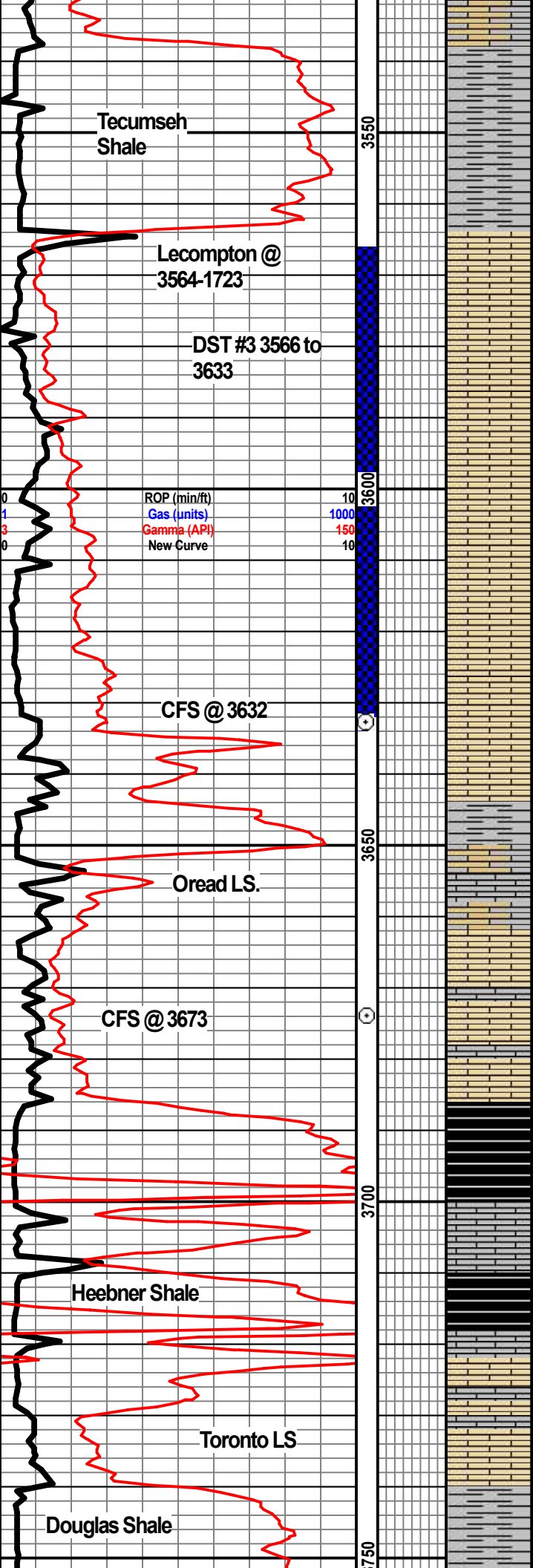
3482: LS: brown to dark gray/brown, blocky, microxyln, dense no visible porosity, streaks of cryptoxyln.

3500 LS: brown, finexyln, friable, fair interxyln porosity, Chert: brownish/gray, mottled, LS: brown, microxyln, very dense.

3520 LS: white, chky, LS: cream to cream/brown, microxyln, no visible porosity, streaks of cryptoxyln, no show

3540 LS: dark gray to light gray, microxyln, no visible porosity, mottled, dense. Shale: black, fossiliferous, LS: cream fossiliferous, mottled gray, to gray bluff, to cream, microxyln packstone, poor visible porosity. Shale: gray





3560 Shale: black, LS: cream to buff, cryptoxyn,

3580 Shale: gray, LS: dark brown, foss, no visible porosity, brecciated microxyn. Shale: black, gassey

3600 Shale: gray, laminated with streaks of carboniferous shale, LS: cream/brown, very cryptoxyn in part, with crystalline porosity, LS: gray, finexyn, pelletiod

3620 LS: cream, soft, friable, fair florescence, broke slight show of free oil, very light oil, LS: cream slight visible porosity, whit light brown stain, slight show of free oil when chrused that pops and then disappears, no odor when chrused

3630 LS: light gray brown, microxyn, void crystalline porosity, with slight stain fair cut, slight florescence.

3632 20 min: no odor LS: gray to cream, finexyn, broke fair stain, fair florescence.

3632 50 min: Dolomite: coarsexyn, rhombic, no show clear crystals with light brown, streaks of cryptoxyn, LS: cream to buff, finexyn, no visible porosity, LS: white chky, sct black stain, LS: light gray with random voids with stain, streaks of brown coarsexyn, LS: cream to buff, finexyn, chky in part, no odor.

3660 Shale: gray LS: buff, finexyn, poor interxyn porosity, no visible porosity, poor interxyn porosity

3673 Shale: gray, LS: dark gray, finexyn, no visible porosity, dense mudstone.

3673 20 min: Black to gray shale. LS: white chky, LS: buff, finexyn, cryptoxyn, no visible porosity, LS: dirty gray brown,

3673 40 min. Chert: light gray/white, LS: buff, finexyn, fraible, LS: white chky, Shale: dark gray to black

3700: LS: cream to buff, finexyn, friable, poor florescence, LS: white chky,

3720 LS: cream to buff to buff/gray, firmxyn, no visible porosity

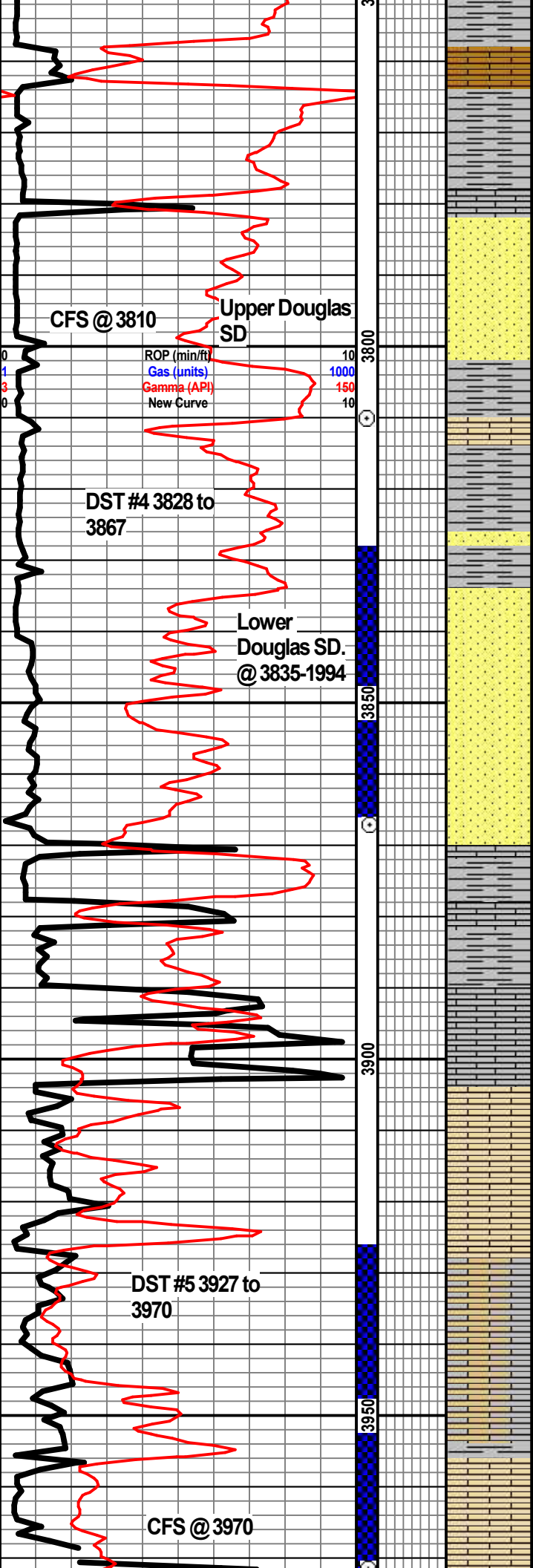
3740 Shale: black to gray carboniferous in part. LS: dark gray to gray, microxyn, dense, mottled in part LS: brown, dense,

3760LS: dark gray, microxyn, dense, silty, LS: cream to buff, dense

3780Shale: grya to black, Shale: gray/green, LS: light gray, platey,

gas curve unlagged

TG, C, C5



3800 LS: cream, finxyln, friable, LS: gray finexyln to microxyln, dense LS: dark brown, microxyln, mottled, Shale: gray to black, silty in part

3810 30 min Siltstone: dirty gray, shaley, friable, no show, shaley in part, dense in part, no show no florescence.

3810 45 min: Shale: dark gray, Siltstone: light gray, micaceous, dense, no show of gas bubbles no gas increase.

3840 Siltstone: gray, micaceous, friable, LS: buff, microxyln, dense, Shale: dark gray

3860 Shale: gray, slick, SD.STN/Siltstone: dirty gray, micaceous, dense clusters in part, laminar, shaley in part, rare gas bubble

3867 20 min: SD. STN: fine grain, fair florescence, light brown stain,

3867 40 min: slight odor from the sample, SD.STN: fine grain, light gray, micaceous, friable in part with light brown stain, fair even florescence, no cut, even stain in part

3900 Shale: gray, LS: dark gray, fossil hash, dense, no visalbe porosity, sample mostly sluff

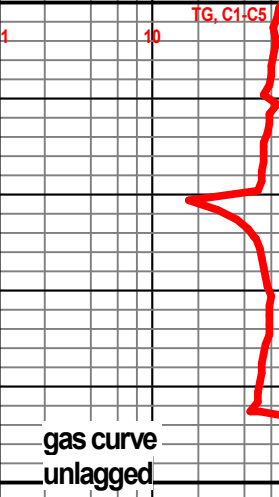
3920 LS: cream to buff, finexyln to microxyln mudstone, LS: gray, microxyln, dense.

3940 LS: gray/brown, microxyln, no visable poristy, LS: cream to buff, finexyln, LS: gray/brown, microxyln, dense, random spotty edge florescence-very rare.

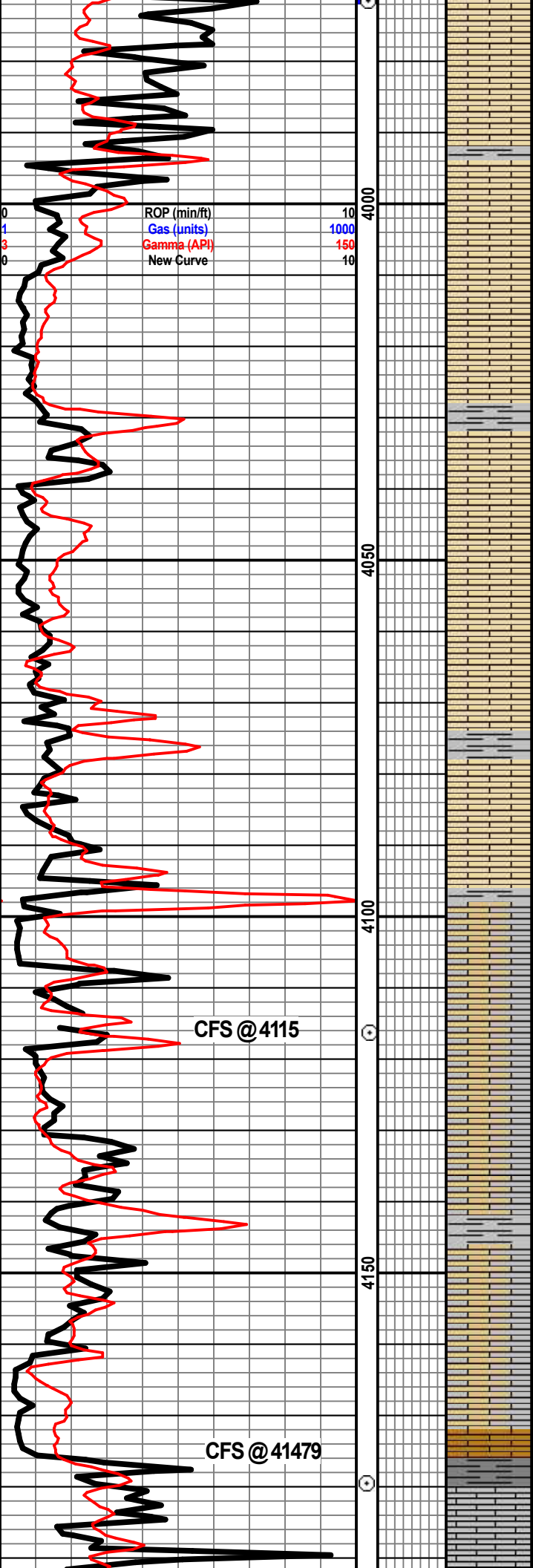
3960 scattered fluorescence, slight odor from the sample, LS: cream to gray/cream to cream, scattered black spotty stain, broke slight odor, slight florescence.

3970 slight odor, LS: white, with spotty edge staining, questionable cut-fleating hard to see, LS: light brown, broke fair stain with fair florescence

3970 20min: strong odor, no increase in fluorescence Dolomite: fine granular ghost onlite



gas curve unlagged



3970 40 min: LS: coarsexyln, with dead oil stain, no florescence, LS: cream, finexyln, poor interexyln porosity.

3970 40 min: LS: coarsexyln, with dead oil stain, no florescence, LS: cream, finexyln, poor interexyln porosity.

4020 LS: buff to cream, finexyln, friable, sluff

4040: LS: cream, finexyln, friable, white, chky in part, LS: blond, finexln, poor interxyln porosity, random moldic porosity, no florescence, no show

4060: LS: white, chky, LS: buff, finexyln, scattered fine moldic porosity, cryptoxyln in part, no florescence.

4080: LS: light brown, fair visible oolmoldic porosity, mineral florescence, questionable cut, fair interxyln porosity, no show, LS: white chkyt, LS: buff, finexyln, cryptoxyln,

4100: LS: cream, finexlyn, no visible porosity, LS: gray, silty in part, finexyln, no visible porosity, LS: gray, microxyln, dense

4115: No florescence from the sample, LS: gray/buff, oolitic, slight visible oolmoldic porosity, chky in part, Shale: gray

4115 20 min: LS: gray/buff, oolitic packstone, with slight visible oolmoldic porosity, no show, no florescence, sct gas bubbles when chrushed, chky in part

4140: LS: gray/buff, microxyln, dense, no visible porosity, poor interxyln porosity, Shale: black, LS: gray, oolitic packstone,

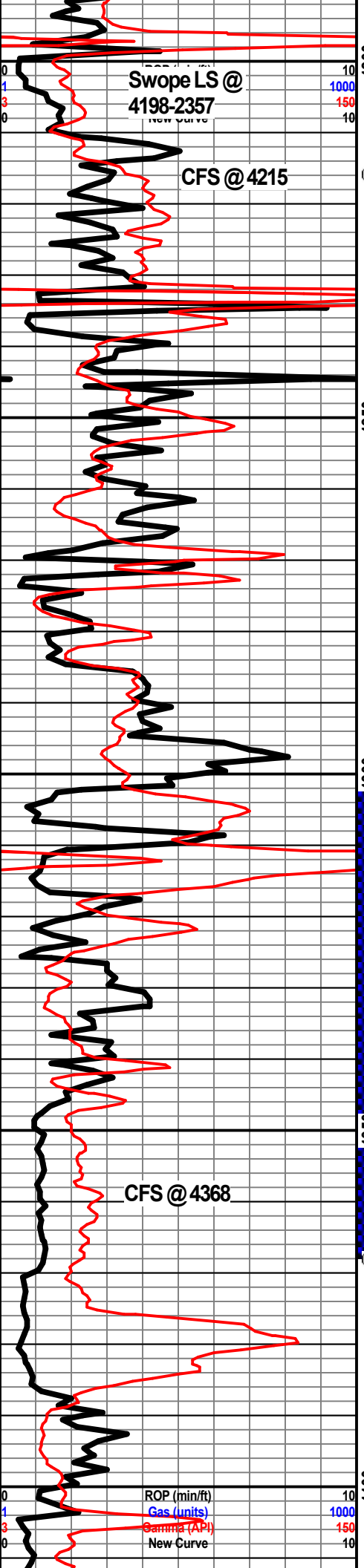
4160: LS: cream to buff, finexyln, friable and chky in part with Chert: gray, fossiliferous, sharp, Shale: gray, with limestone contact

4179:LS: gray/cream, finexyln, no visible porosity, LSL dark gray fossile fragments, LS: brown, microxyln, dense, Chert: gray/white, Shale: gray

4179 20 min: slight odor, LS: cream, broke fair, fair florescence, LS: white, chky, LS: buff finexyln, firm to dense, Shale: black, LS: brown fine oolitic packstone.

4179 40 min: odor from the sample. chky LS, no florescence, fossile hash in part oolitic LS with good visible inter oolitic porosity, slight stain when chrushed. LS: gray, microxyln, slight visible moldic

TG, C1-C5



porosity, poor interxlyn porosity, LS: dark gray/brown, with black shale contact.

4215: Shale: black, LS: brown, micro oolitic packstone, poor interxlyn porosity, Chert: brown, glassey, LS: gray/brown, microxlyn, dense

4215 20 min: LS: brown, oolitic packstone, scattered good florescence, poor interexyln porosity, no visible porosity to poor visible porosity, broke slight stain, no show of free oil, LS: cream/buff, finexyln to cream/gray, poor visible porosity.

4220: LS: cream to cream/gray, finexyln, friable in part, LS: gray/brown, microxlyn, dense, questionable odor, scatter spotty florescence, no stain,

4240 Shale: black, LS: gray/brown, microxlyn, dense, Chert: semi clear to brown, no show from the tray. Chert: semi clear

4260 Shale: black, Chert: semi clear to brown,

4280: LS: cream, finexyln, no visible porosity, LS: darkblack/brown, microxlyn, LS: gray/cream, microxlyn, dense, Shale: black. slight odor from the sample

4300: LS: gray/brown, microxlyn, dense, mostly LS: cream to buff, finexlyn, friable in part, LS: cream, pinpoint, dead oil stain-swope rocks sluff

4320 LS: cream to buff, finexly, no show no odor from this sample

4340: Shale: black, LS: heavy dark brown, stain, fluted coral. fair florescence, random.

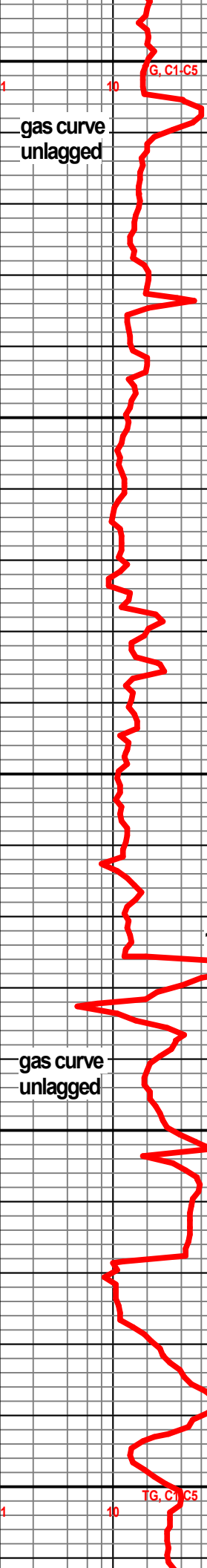
4360: LS: buff, finxlyn, with edge stain, slight visible porosity, fair florescence, scattered heavy dark brown stain, dull florescence, Shale: green gray, Chert: semi clear, shale: red

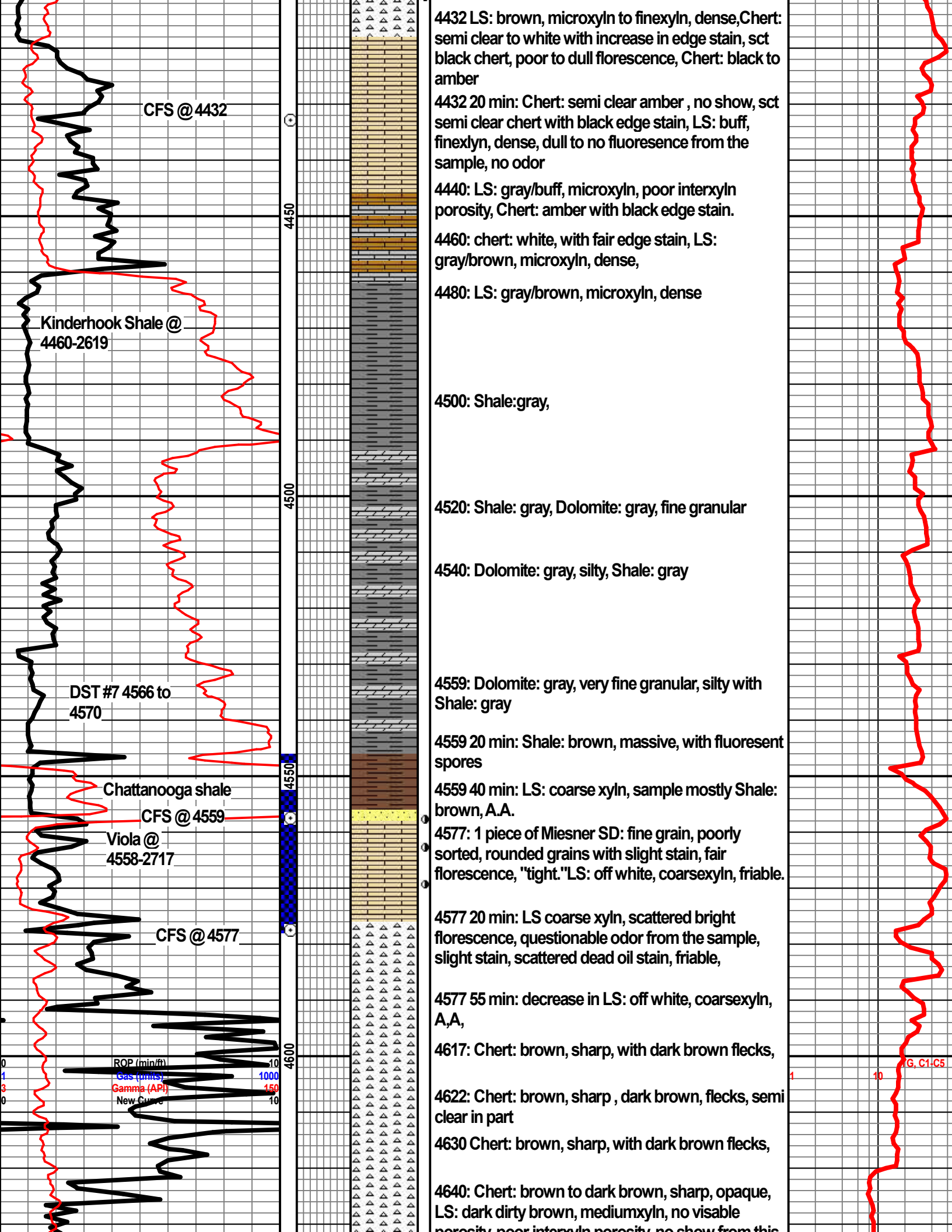
4368 20 min Chert: white, with even brown stain, slightly tripolitic, fractured edge stain, rare show of free oil even fair florescence from the sample tray.

4368 40 min. Chert: fresh, sharp with edge stain and tripolitic edge porosity, even florescence from the tray. rare show of brown free oil,

4400 Chert: black, with heavy stain, random edge stain, white in part, Shale: gray

4420: Ls: brown, microxlyn, dense, Chert: white, scattered tripolitic edge and on voids with black to dark brown stain





CFS @ 4432

4432 LS: brown, microxylite to finexylite, dense, Chert: semi clear to white with increase in edge stain, sct black chert, poor to dull fluorescence, Chert: black to amber

4432 20 min: Chert: semi clear amber, no show, sct semi clear chert with black edge stain, LS: buff, finexylite, dense, dull to no fluorescence from the sample, no odor

4440: LS: gray/buff, microxylite, poor interxylite porosity, Chert: amber with black edge stain.

4460: chert: white, with fair edge stain, LS: gray/brown, microxylite, dense,

4480: LS: gray/brown, microxylite, dense

Kinderhook Shale @
4460-2619

4500: Shale: gray,

4520: Shale: gray, Dolomite: gray, fine granular

4540: Dolomite: gray, silty, Shale: gray

DST #7 4566 to
4570

4559: Dolomite: gray, very fine granular, silty with Shale: gray

4559 20 min: Shale: brown, massive, with fluorescent spores

Chattanooga shale

4559 40 min: LS: coarse xylite, sample mostly Shale: brown, A.A.

CFS @ 4559

4577: 1 piece of Miesner SD: fine grain, poorly sorted, rounded grains with slight stain, fair fluorescence, "tight." LS: off white, coarse xylite, friable.

Viola @
4558-2717

4577 20 min: LS coarse xylite, scattered bright fluorescence, questionable odor from the sample, slight stain, scattered dead oil stain, friable,

CFS @ 4577

4577 55 min: decrease in LS: off white, coarse xylite, A.A,

ROP (min/ft)

Gas (pms)

Gamma (API)

New Curve

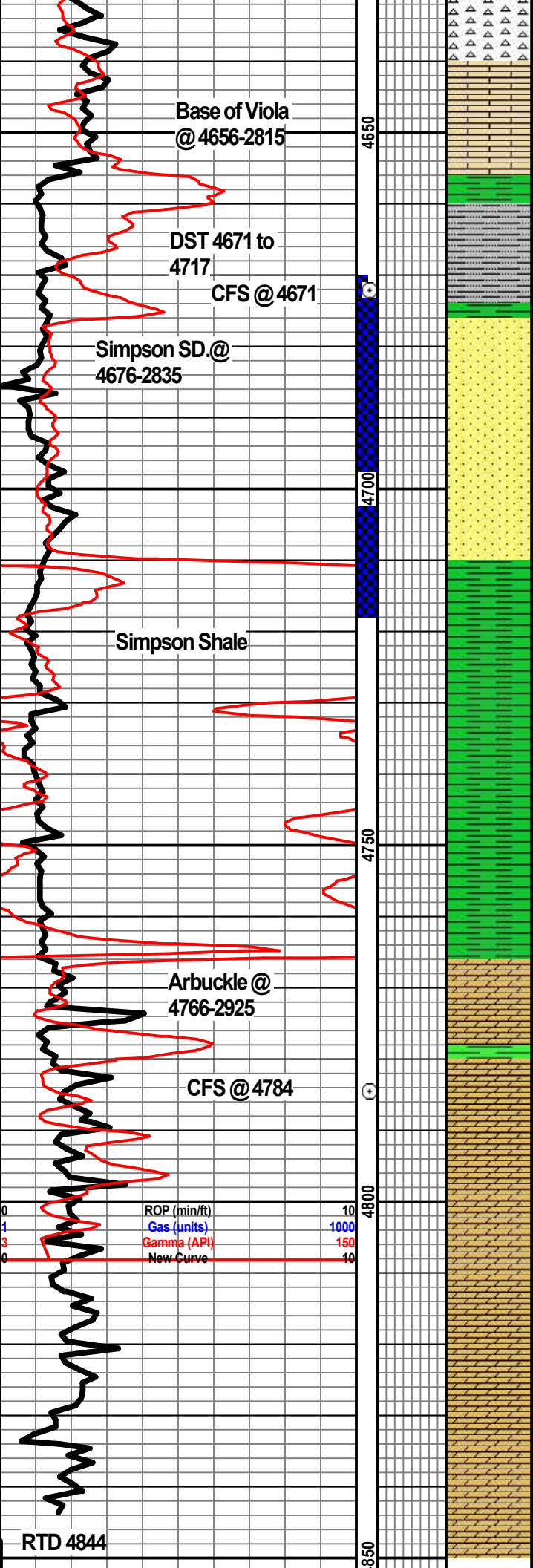
4617: Chert: brown, sharp, with dark brown flecks,

4622: Chert: brown, sharp, dark brown, flecks, semi clear in part

4630 Chert: brown, sharp, with dark brown flecks,

4640: Chert: brown to dark brown, sharp, opaque, LS: dark dirty brown, medium xylite, no visible porosity, poor interxylite porosity, no show from this

10 G, C1-C5



porosity, poor interxyn porosity, no show from this interval,

4650: Chert: brown A.A., LS: dark dirty brown, mediumxyn, no visable porosity, poor interxyn porosity, no show from this interval,Shale: dirty brown, loose crynode stem with green shale.

4660: LS: dirty brown/gray, coarsexyn, sub chky in part, no show.

4670: LS: dirty brown/gray, coarsexyn, sub chky to chky , no show. no florescence, Shale: green

4671 20 min: SD. STN: dirty gray/green, fine grain, shaley, sct gas bubbles when chrushed, poorly sorted, shaley, no florescence, loose fine grains in tray no show other than the gas bubbles.

4671 60 min: SD. STN: dirty gray/green, fine grain, shaley, sct gas bubbles when chrushed, poorly sorted, shaley, no florescence, loose fine grains in tray no show other than the gas bubbles add increase in friable sand and dolomite over growths on sand grains.

4690: SD. STN: fine grain to coarse grained, dolomitic cement, poorly sorted, poor intergranular porosity, questionable show, Shale: gray/green

4700: SD. STN: coarse grained questionable show.

4710: SD. STN: medium grained, rounded clear grained, fair florescence, broke oil show of free oil under black light.

4718: SD. STN: medium to coarse grained, rounded grains and poorly sorted, dull florescence, broke free oil under black light, dolomitic in part, fair show of free oil under black light.

4718 20 min: SD. STN: A. A. decrease in show, Shale: green to gray/green.

4730 Shale Green.

4740 Shale: green to gray/green

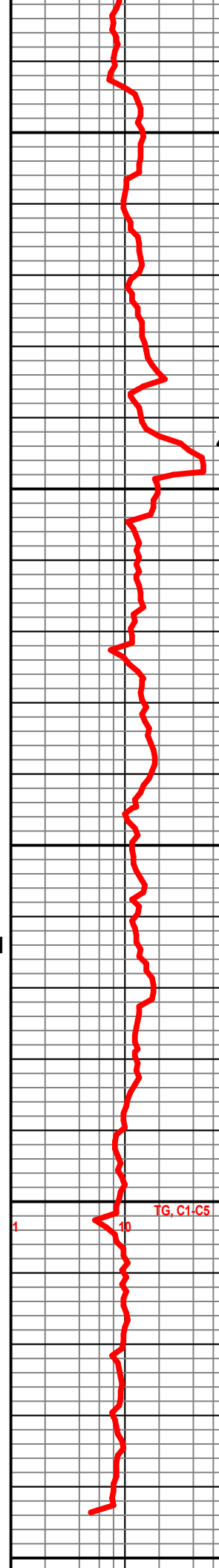
4750: Shale: green to green/gray

4760: Shale: green to dark green

4770: Shale: green to dark green with SD. STN: white fine grain, poor intergranular porosity.

4780: Shale: green waxey, sandy shale. SD. STN: white, fine grain, very dense, Dolomite: cream, fine granular, questionable stain.

4784 20 min: Dolomite: brown to tan, fine grainular, scattered oolmoldic porosity, broke slight show of free oil under the black light, sample mostly Dolomite: fine granular, with mineral florescence,





Customer	QUAIL OIL & GAS	Lease & Well #	KELLER 1-31	Date	10/8/2022
Service District	PRATT, KS.	County & State	BARBER, KS	Legals S/T/R	31-30S-12W
Job Type	2-STAGE	<input type="checkbox"/> PROD <input type="checkbox"/> INJ <input type="checkbox"/> SWD	New Well?	<input type="checkbox"/> YES <input type="checkbox"/> No	Job #
Equipment #	Driver	Ticket #			

936	LESLEY	<input type="checkbox"/> Hard hat	<input type="checkbox"/> Gloves	<input type="checkbox"/> Lockout/Tagout	<input type="checkbox"/> Warning Signs & Flagging
179-521	CLIFTON	<input type="checkbox"/> H2S Monitor	<input type="checkbox"/> Eye Protection	<input type="checkbox"/> Required Permits	<input type="checkbox"/> Fall Protection
182-534	TREVINO	<input type="checkbox"/> Safety Footwear	<input type="checkbox"/> Respiratory Protection	<input type="checkbox"/> Slip/Trip/Fall Hazards	<input type="checkbox"/> Specific Job Sequence/Expectations
523-533	JULLIAN	<input type="checkbox"/> FRC/Protective Clothing	<input type="checkbox"/> Additional Chemical/Acid PPE	<input type="checkbox"/> Overhead Hazards	<input type="checkbox"/> Muster Point/Medical Locations
		<input type="checkbox"/> Hearing Protection	<input type="checkbox"/> Fire Extinguisher	<input type="checkbox"/> Additional concerns or issues noted below	

Comments
5 1/2" 2-STAGE LONGSTRING

Product/ Service Code	Description	Unit of Measure	Quantity	Net Amount
CP032	HH-Long	sack	100.00	\$4,500.00
CP032	HH-Long	sack	300.00	\$13,500.00
CP055	H-Plug A	sack	50.00	\$700.00
CP155	Gas Block	lb	846.00	\$2,538.00
FE145	5 1/2" Float Shoe - AFU Flapper Type	ea	1.00	\$375.00
FE170	5 1/2" Latch Down Plug & Baffle	ea	1.00	\$350.00
FE150	5 1/2" DV Tool - 2 Stage	ea	1.00	\$5,000.00
FE135	5 1/2" Turbolizer	ea	24.00	\$3,000.00
CP170	Mud Flush	gal	500.00	\$500.00
M015	Light Equipment Mileage	mi	30.00	\$60.00
M010	Heavy Equipment Mileage	mi	90.00	\$360.00
M020	Ton Mileage	tm	627.00	\$940.50
C060	Cement Blending & Mixing Service	sack	450.00	\$630.00
D015	Depth Charge: 4001'-5000'	job	1.00	\$2,500.00
C015	Cement Pump Service	ea	1.00	\$1,500.00
C035	Cement Data Acquisition	job	1.00	\$250.00
C050	Cement Plug Container	job	1.00	\$250.00
R061	Service Supervisor	day	1.00	\$275.00

Customer Section: On the following scale how would you rate Hurricane Services Inc.?		Total Taxable	\$ -	Tax Rate:		Net:	\$37,228.50
Based on this job, how likely is it you would recommend HSI to a colleague?		State tax laws deem certain products and services used on new wells to be sales tax exempt. Hurricane Services relies on the customer provided well information above to make a determination if services and/or products are tax exempt.		Sale Tax:	\$ -	Total:	\$ 37,228.50
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Unlikely	1	2	3	4	5	6	7
							Extremely Likely
		HSI Representative: KEVEN LESLEY					

TERMS: Cash in advance unless Hurricane Services Inc. (HSI) has approved credit prior to sale. Credit terms of sale for approved accounts are total invoice due on or before the 30th day from the date of invoice. Past due accounts shall pay interest on the balance past due at the rate of 1 1/4% per month or the maximum allowable by applicable state or federal laws. In the event it is necessary to employ an agency and/or attorney to affect the collection, Customer hereby agrees to pay all fees directly or indirectly incurred for such collection. In the event that Customer's account with HSI becomes delinquent, HSI has the right to revoke any discounts previously applied in arriving at net invoice price. Upon revocation, the full invoice price without discount is immediately due and subject to collection. Prices quoted are estimates only and are good for 30 days from the date of issue. Pricing does not include federal, state, or local taxes, or royalties and stated price adjustments. Actual charges may vary depending upon time, equipment, and material ultimately required to perform these services. Any discount is based on 30 days net payment terms or cash. **DISCLAIMER NOTICE:** Technical data is presented in good faith, but no warranty is stated or implied. HSI assumes no liability for advice or recommendations made concerning the results from the use of any product or service. The information presented is a best estimate of the actual results that may be achieved and should be used for comparison purposes and HSI makes no guarantee of future production performance. Customer represents and warrants that well and all associated equipment in acceptable condition to receive services by HSI. Likewise, the customer guarantees proper operational care of all customer owned equipment and property while HSI is on location performing services. The authorization below acknowledges the receipt and acceptance of all terms/conditions stated above, and Hurricane has been provided accurate well information in determining taxable services.

X _____ **CUSTOMER AUTHORIZATION SIGNATURE**



CEMENT TREATMENT REPORT

Customer:	QUAIL OIL & GAS	Well:	KELLER 1-31	Ticket:	WP 3480
City, State:		County:	BARBER, KS	Date:	10/8/2022
Field Rep:		S-T-R:	31-30S-12W	Service:	2-STAGE

Downhole Information		MIXED	Calculated Slurry - Lead		Calculated Slurry - Tail	
Hole Size:	7 7/8 in		Blend:		Blend:	HH-LONG
Hole Depth:	4844 ft		Weight:	ppg	Weight:	15 ppg
Casing Size:	5 1/2 in		Water / Sx:	gal / sx	Water / Sx:	6.0 gal / sx
Casing Depth:	4820 ft		Yield:	ft ³ / sx	Yield:	1.42 ft ³ / sx
Tubing / Liner:	in		Annular Bbls / Ft.:	bbs / ft.	Annular Bbls / Ft.:	bbs / ft.
Depth:	ft		Depth:	ft	Depth:	ft
Tool / Packer:	DV TOOL		Annular Volume:	0.0 bbls	Annular Volume:	0 bbls
Tool Depth:	4002 ft		Excess:		Excess:	
Displacement:	113.0 bbls		Total Slurry:	0.0 bbls	Total Slurry:	25.0 bbls
		Total Sacks:	0 sx	Total Sacks:	100 sx	

TIME	RATE	PSI	STAGE BBLs	TOTAL BBLs	REMARKS
2:30AM			-	-	ON LOCATION- SPOT EQUIPMENT
///////			-	-	RUN 117 JTS 5 1/5" X 15.5#, 17#, 14# CASING 17#= 2276' 15.5#= 688' 14#= 1876'
///////			-	-	TURBOLIZERS-2,3,5,6,8,9,10,11,12,13,19,21,23,24,25,26,30,31,32,48,49,50,51
///////			-	-	DV TOOL @ 4002'
8:40AM			-	-	CASING ON BOTTOM
8:50AM			-	-	HOOK UP - BREAK CIRCULATION WITH RIG PUMP AND MUDD
9:50AM	6.0	400.0	5.0	5.0	H2o AHEAD
9:53AM	6.0	400.0	12.0	17.0	MUDFLUSH
9:55AM	6.0	350.0	5.0	22.0	H2o SPACER
9:56AM	5.0	300.0	25.0	47.0	MIX 100 SKS HH-LONG CEMENT @ 15 PPG
10:02AM				47.0	SHUT DOWN - CLEAR PUMP AND LINES - DROP LD PLUG
10:05AM	6.0	-	-		START DISPLACEMENT
10:13AM	5.0	300.0	85.0		LIFT PRESSURE
10:27AM	4.0	700.0	110.0		SLOW RATE
10:28AM	3.0	1,500.0	113.0		PLUG DOWN- HELD
10:45AM					DROP DV BOMB AND OPEN DV TOOL
					CIRCULATE FOR 2 HRS
			7.0		PLUG RATHOLE
			5.0		PLUG MOUSEHOLE THEN WASH UP PUMP TRUCK
					TOP STAGE ON NEXT TREATMENT REPORT -----

CREW		UNIT	SUMMARY		
Cementer:	LESLEY	936	Average Rate	Average Pressure	Total Fluid
Pump Operator:	CLIFTON	179-521	5.1 bpm	494 psi	367 bbls
Bulk #1:	TREVINO	182-534			
Bulk #2:	JULLIAN	523-533			



Customer	Quail Oil & Gas	Lease & Well #	Keller 1-31	Date	9/26/2022
Service District	Pratt Kansas	County & State	Barber, Kansas	Legals S/T/R	
Job Type	Surface	<input checked="" type="checkbox"/> PROD	<input type="checkbox"/> INJ	<input type="checkbox"/> SWD	Job #
Equipment #	Driver	New Well?			Ticket #
		<input checked="" type="checkbox"/> YES			
		<input type="checkbox"/> No			wp 3424

Job Safety Analysis - A Discussion of Hazards & Safety Procedures					
916	M Brungardt	<input checked="" type="checkbox"/> Hard hat	<input checked="" type="checkbox"/> Gloves	<input type="checkbox"/> Lockout/Tagout	<input type="checkbox"/> Warning Signs & Flagging
179/521	A Clifton	<input type="checkbox"/> H2S Monitor	<input checked="" type="checkbox"/> Eye Protection	<input type="checkbox"/> Required Permits	<input type="checkbox"/> Fall Protection
182534	R Julian	<input checked="" type="checkbox"/> Safety Footwear	<input type="checkbox"/> Respiratory Protection	<input checked="" type="checkbox"/> Slip/Trip/Fall Hazards	<input type="checkbox"/> Specific Job Sequence/Expectations
	J Triveno	<input checked="" type="checkbox"/> FRC/Protective Clothing	<input type="checkbox"/> Additional Chemical/Acid PPE	<input checked="" type="checkbox"/> Overhead Hazards	<input checked="" type="checkbox"/> Muster Point/Medical Locations
		<input type="checkbox"/> Hearing Protection	<input checked="" type="checkbox"/> Fire Extinguisher	<input type="checkbox"/> Additional concerns or issues noted below	

Comments

Product/ Service Code	Description	Unit of Measure	Quantity	Net Amount
cp070	60/40/2 Pozmix A	sack	225.00	\$3,375.00
cp100	Calcium Chloride	lb	582.00	\$436.50
cp120	Cello-flake	lb	57.00	\$99.75
m015	Light Equipment Mileage	mi	30.00	\$60.00
m010	Heavy Equipment Mileage	mi	60.00	\$240.00
m020	Ton Mileage	tm	291.00	\$436.50
c060	Cement Blending & Mixing Service	sack	225.00	\$315.00
d010	Depth Charge: 0'-500'	job	1.00	\$1,000.00
c035	Cement Data Acquisition	job	1.00	\$250.00
r061	Service Supervisor	day	1.00	\$275.00
fe255	8 5/8" Cement Basket	ea	1.00	\$500.00
fe250	8 5/8" Centralizer	ea	3.00	\$270.00

Customer Section: On the following scale how would you rate Hurricane Services Inc.?

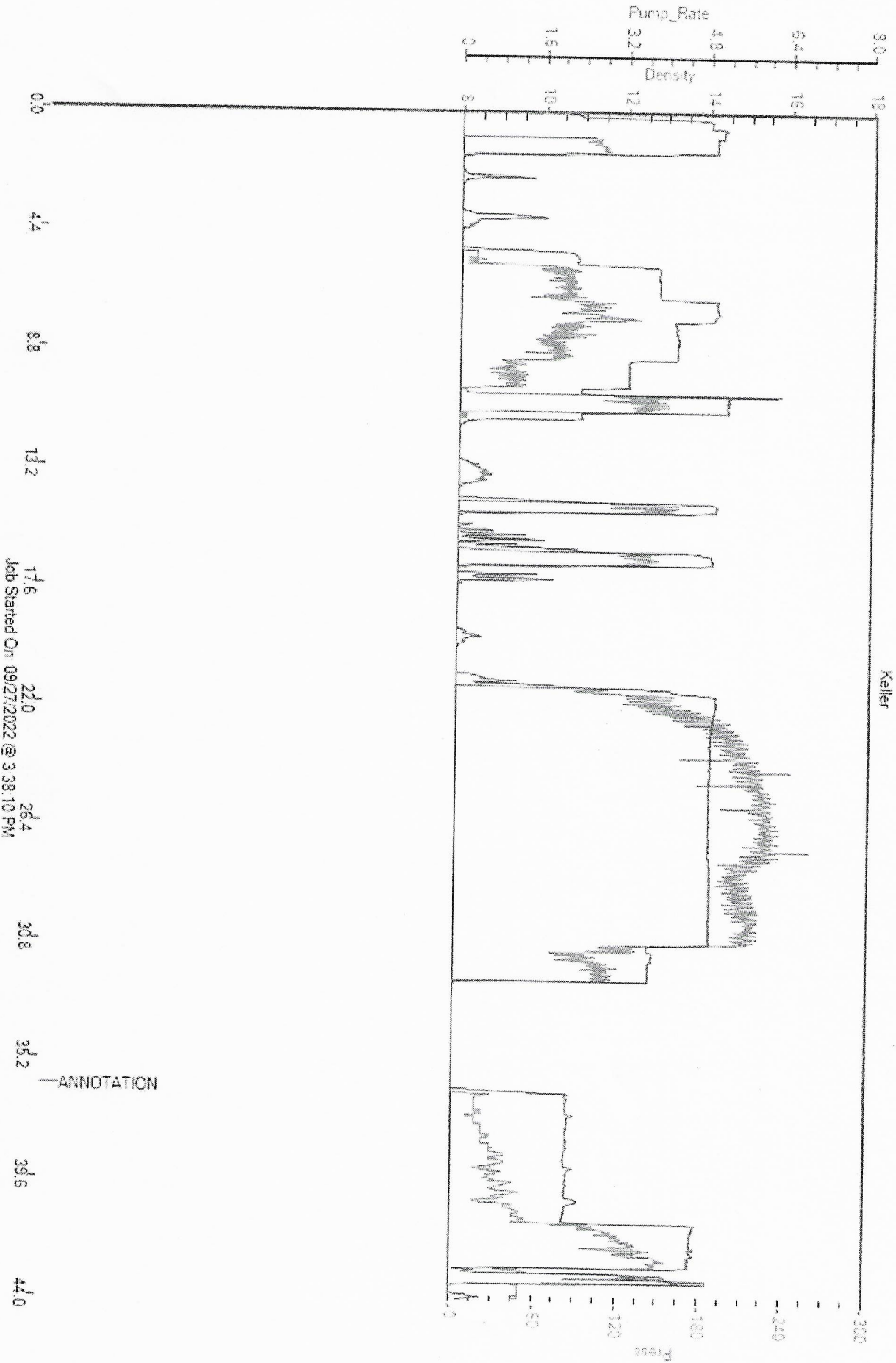
Based on this job, how likely is it you would recommend HSI to a colleague?		Total Taxable	\$ -	Tax Rate:		Net:	\$7,257.75
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Unlikely	1	2	3	4	5	6	7
	8	9	10	Extremely Likely	State tax laws deem certain products and services used on new wells to be sales tax exempt. Hurricane Services relies on the customer provided well information above to make a determination if services and/or products are tax exempt.		
						Sale Tax:	\$ -
						Total:	\$ 7,257.75
						HSI Representative: <i>Mark Brungardt</i>	

TERMS: Cash in advance unless Hurricane Services Inc. (HSI) has approved credit prior to sale. Credit terms of sale for approved accounts are total invoice due on or before the 30th day from the date of invoice. Past due accounts shall pay interest on the balance past due at the rate of 1 1/2% per month or the maximum allowable by applicable state or federal laws. In the event it is necessary to employ an agency and/or attorney to affect the collection, Customer hereby agrees to pay all fees directly or indirectly incurred for such collection. In the event that Customer's account with HSI becomes delinquent, HSI has the right to revoke any discounts previously applied in arriving at net invoice price. Upon revocation, the full invoice price without discount is immediately due and subject to collection. Prices quoted are estimates only and are good for 30 days from the date of issue. Pricing does not include federal, state, or local taxes, or royalties and stated price adjustments. Actual charges may vary depending upon time, equipment, and material ultimately required to perform these services. Any discount is based on 30 days net payment terms or cash. **DISCLAIMER NOTICE:** Technical data is presented in good faith, but no warranty is stated or implied. HSI assumes no liability for advice or recommendations made concerning the results from the use of any product or service. Customer represents and warrants that well and all associated equipment in acceptable condition to receive services by HSI. Likewise, the customer guarantees proper operational care of all customer owned equipment and property while HSI is on location performing services. The authorization below acknowledges the receipt and acceptance of all terms/conditions stated above, and Hurricane has been provided accurate well information in determining taxable services.

X

CUSTOMER AUTHORIZATION SIGNATURE

Quail
Keller



Job Started On 09/27/2022 @ 3:38:10 PM