

Form	ACO1 - Well Completion
Operator	Briscoe Petroleum, LLC
Well Name	TAMMY 1
Doc ID	1522834

All Electric Logs Run

Sonic
DIL
Micro
DUCP

Form	ACO1 - Well Completion
Operator	Briscoe Petroleum, LLC
Well Name	TAMMY 1
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Tops

Name	Top	Datum
Heebner	3821	-2228
Douglas	3904	-2311
Lansing	4008	-2415
Stark	4456	-2863
Hushpuck	4480	-2887
BKC	4534	-2941
Pawnee	4626	-3033
Mississippi	4702	-3109
Kinderhook	4952	-3359
Viola	5068	-3475
Simpson Sst	5178	-3585
Wilcox Sst	5208	-3615

Form	ACO1 - Well Completion
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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	23	237	Class A	150	CC
Production	7.875	4.50	11.5	5298	HAA2/Hpl ug	175	Kol Seal



HURRICANE SERVICES INC

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

Customer:

BRISCOE PETROLEUM LLC
PO BOX 6690
SHERIDAN, WY 82801

Invoice Date: 6/21/2020
Invoice #: 0347972
Lease Name: Tammy
Well #: 1 (New)
County: Barber, Ks
Job Number: ICT3720
District: Medicine Lodge

Date/Description	HRS/QTY	Rate	Total
8 5/8" Surface	0.000	0.000	0.00
Cement Class A	150.000	13.770	2,065.50
Calcium Chloride	282.000	0.608	171.32
Cello-Flake	38.000	1.418	53.87
8 5/8" Centralizer x 12 1/4"	5.000	72.900	364.50
8 5/8" Stop Ring	1.000	36.450	36.45
Light Eq Mileage	10.000	1.620	16.20
Heavy Eq Mileage	10.000	3.240	32.40
Ton Mileage Minimum	1.000	243.000	243.00
Cement Pump Service	1.000	607.500	607.50

Cement
Surface Casing

Tammy No.1
BCP Hdc
OK RDR
6/30/20

Total 3,590.74

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!

[illegible]

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. 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 Tim Quill

CUSTOMER AUTHORIZATION SIGNATURE

CEMENT TREATMENT REPORT



HURRICANE SERVICES INC

Customer BRISCOE PETROLEUM		Lease & Well # TRACY 1		Date 6/29/2020	
Service District MEDICINE LODGE KS		County & State BARBER KS		Legals S/T/R 35-33S-12W	
Job Type 4 1/2 LONGSTRING [®] PROD ☐ INJ ☐ SWD		New Well? ☒ YES ☐ No		Job #	
Equipment # 912		Driver MATTAL		Ticket # ICT3743	

Job Safety Analysis - A Discussion of Hazards & Safety Procedures			
☒ Hard hat ☒ H2S Monitor ☒ Safety Footwear ☒ FRC/Protective Clothing ☒ Hearing Protection	☒ Gloves ☒ Eye Protection ☒ Respiratory Protection ☒ Additional Chemical/Acid PPE ☒ Fire Extinguisher	☒ Lockout/Tagout ☒ Required Permits ☒ Slip/Trip/Fall Hazards ☒ Overhead Hazards ☒ Additional concerns or issues noted below	☒ Warning Signs & Flagging ☒ Fall Protection ☒ Specific Job Sequence/Expectations ☒ Muster Point/Medical Locations
Comments			

Product/ Service Code	Description	Unit of Measure	Quantity	Net Amount
CP046	HAA2	sack	175.00	\$2,887.50
CP055	H-Plug	sack	100.00	\$975.00
CP105	GYPSSUM	LBS	825.00	\$618.75
CP110	Kol Seal	lb	1,052.00	\$591.75
CP120	Cello-flake	lb	44.00	\$57.75
CP132	Cement Fluid Loss 2	lb	83.00	\$933.75
CP135	Defoamer Powder	lb	83.00	\$249.00
CP155	Gas Block	lb	495.00	\$1,113.75
FE070	4 1/2" Float Shoe - AFU Flapper Type	ea	1.00	\$262.50
FE095	4 1/2" Latch Down Plug & Baffle	ea	1.00	\$206.25
FE050	4 1/2" Turbolizers	ea	8.00	\$420.00
FE111	4 1/2" Cement Cable Scratcher	ea	14.00	\$630.00
FE046	4 1/2 STOP RING	ea	1.00	\$22.50
AF055	Liquid KCL Substitute	gal	4.00	\$90.00
M015	Light Equipment Mileage	mi	10.00	\$15.00
M010	Heavy Equipment Mileage	mi	10.00	\$30.00
M020	Ton Mileage	tm	125.00	\$187.50
C050	Cement Plug Container	job	1.00	\$187.50
C015	Cement Pump Service	ea	1.00	\$1,125.00
				\$ 14,194.75

Customer Section: On the following scale how would you rate Hurricane Services Inc.?		Total Taxable \$ -		Tax Rate:		Net: \$10,009.50	
Based on this job, how likely is it you would recommend HSI to a colleague? ☐ 1 Unlikely ☐ 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: \$ 10,603.50	

HSI Representative: Mike Mattal	
--	--

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X

CUSTOMER AUTHORIZATION SIGNATURE



STEVEN P. MURPHY, P.G.

Petroleum Geologist (KS #228)

Cell 620.639.3030

Fax 785.387.2400

RR#1, Box 69

Otis, Kansas 67565

geomurphy@gbta.net

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

Well Name: Tracy #1

API: 15-007-24368-00-00

Location: Barber County

License Number: 35714

Spud Date: 6/21/2020

Region: Kansas

Drilling Completed: 6/28/2020

Surface Coordinates: 2310' FNL & 330' FWL (Approx. SW SW NW)

Section 35-T33S-12W

Bottom Hole As above w/min deviation

Coordinates:

Ground Elevation (ft): 1580'

K.B. Elevation (ft): 1593'

Logged Interval (ft): 3500'

To: TD

Total Depth (ft): RTD-5320' LTD-5319'

Formation: Kansas City to Simpson Group

Type of Drilling Fluid: Chemical - Mudco

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

OPERATOR

Company: Briscoe Petroleum, LLC

Address: P.O. Box 6690

Sheridan, WY 82801

GEOLOGIST

Name: Steven P. Murphy, PG (KS License #228)

Company: Consulting Petroleum Geologist

Address: 2501 Zarah Drive

Great Bend, KS 67530

REMARKS

Moved Duke Rig #7 & rig up on 6/19/20, spud on 6/21/20, 8-5/8" surface casing set @ 237' w/150 sx. Drilled 7-7/8 hole w/PDC bit from under surface to 4300', button bit from 4300' to 4455', PDC from 4455' to 5000', button bit from 5000' to 5100', PDC from 5100' to TD @ 5320'.

Set up Bluestem gas detector @ 3550'.

LITHOLOGY

Anhy

Bent

Brec

Cht

Clyst

Coal

Congl

Dol

Gyp

Igne

Lmst

Meta

Mrlst

Salt

Shale

Shcol

Shgy

Sltst

Ss

Till

Sltstn

Shale

Sandylms

Lms

Gry sh

Dtd

Dol

Carb sh

pipesymbol

unknown lith

Red shale

FOSSIL

Oomoldic

Fuss

Algae

MINERAL

Sltly

Sand

Dol

Chlorite

Anhy

Arggrn

Arg

Bent

Bit

Brecfrag

Calc

Carb

Chtdk

Chtlt

Dol

ROCK TYPES

Amph

Belm

Bioclst

Brach

Bryozoa

Cephal

Coral

Crin

Echin

Fish

Foram

Fossil

Gastro

Oolite

Ostra

Pelec

Pellet

Pisolite

Plant

Strom

STRINGER

Red shale

Sh

Sandylms

Lms

Gryslt

Grysh

Dol

Clystn

Carbsh

Anhy

Arg

Bent

Coal

Dol

Gyp

Ls

Mrst

Feldspar

Ferrpel

Ferr

Glau

Gyp

Hvymin

Kaol

Marl

Minxl

Nodule

Phos

Pyr

Salt

Sandy

Silt

Sil

Sulphur

Tuff

Sltstrg

Ssstrg

TEXTURE

Boundst

Chalky

Cryxln

Earthy

Finexln

Grainst

Lithogr

Microxln

Mudst

Packst

Wackest

OIL SHOW

Gas show

Good

Fair

Poor

Dead

INTERVAL

Dst

Core

Dst

Straddle test tail pip

EVENT

Rft

Sidewall

Dst

Open hole

Perforations

DSTs

Testing performed by Jimmy Rickets w/Trilotite Testing:

DST #1 5070-5100

30:30:60:60

Recovery: 180' GIP,

10' SOCM (5% O, 95% M)

IHP: 2564 FHP: 2394

IFP: 20-17 ISIP: 127

FFP: 15-18 FSIP: 341

BHT: 127 F

COMMENTS

Misner absent in this well, DST #1 covered the Viola not Misner. The Mississippian looks productive on the logs. The Simpson & Wilcox did not develop in this well. I recommend that casing be set to produce the Mississpian in the top 20'.

Logging was performed by Pioneer Energy Services. The following are log tops w/associated datums:

Heebner - 3821 (-2228)

Douglas - 3904 (-2311)

Lansing - 4008 (-2415)

Stark - 4456 (-2863)

Hushpuckney - 4480 (-

BKC - 4534 (-2941)

Pawnee - 4626 (-3033)

Mississippian - 4702 (-3109)

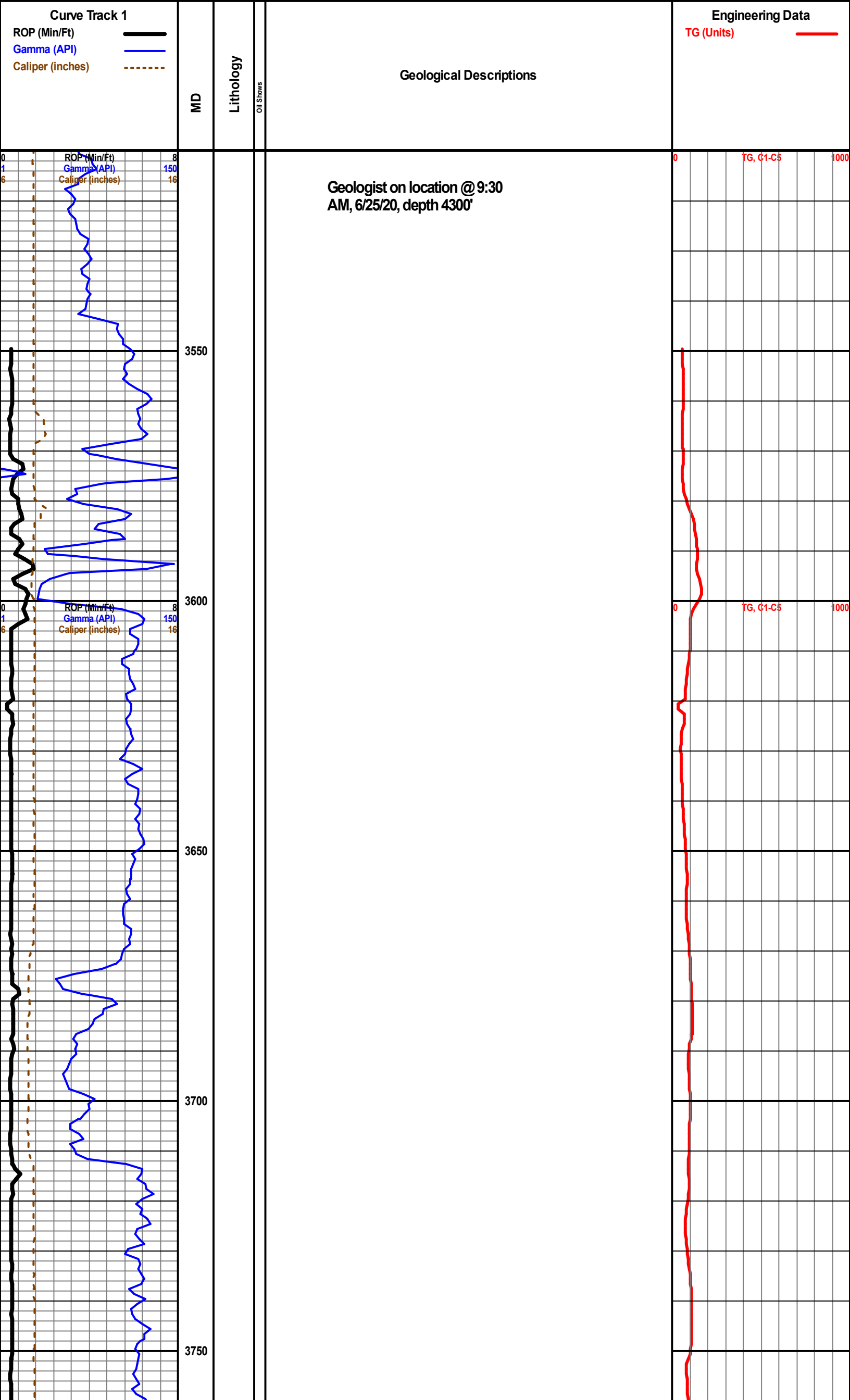
Kinderhook - 4952 (-3359)

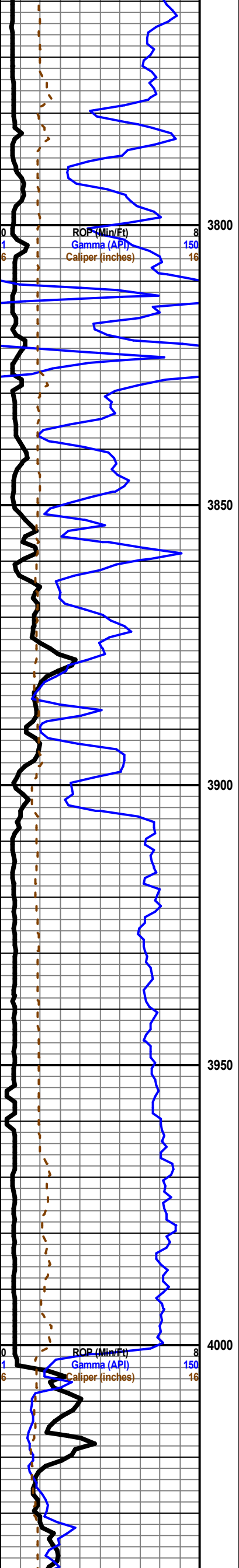
Misner - Absent

Viola - 5068 (-3475)

Simpson Sst - 5178 (-3585)

Wilcox Sst - 5208 (-3615)

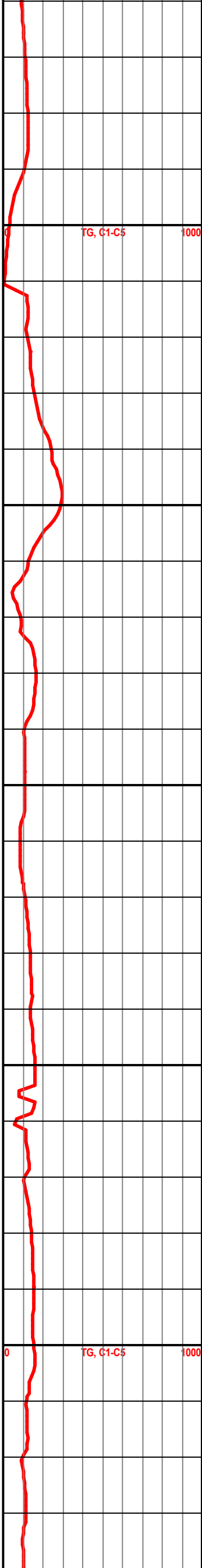


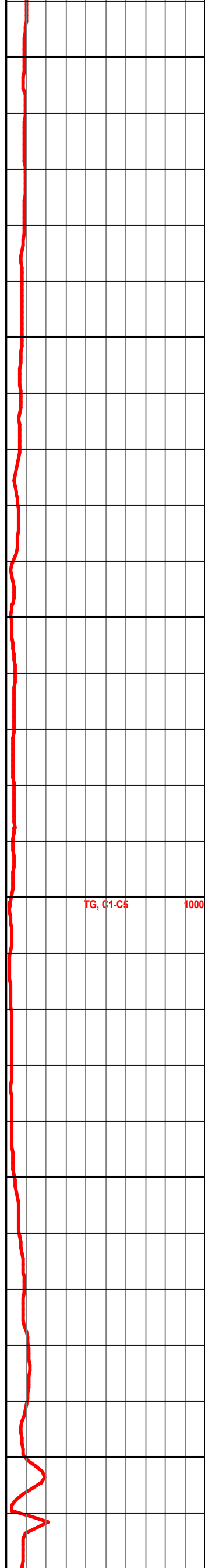
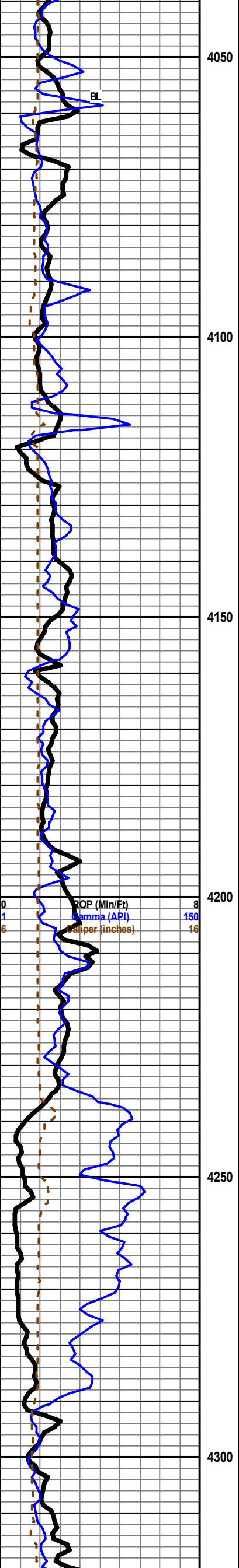


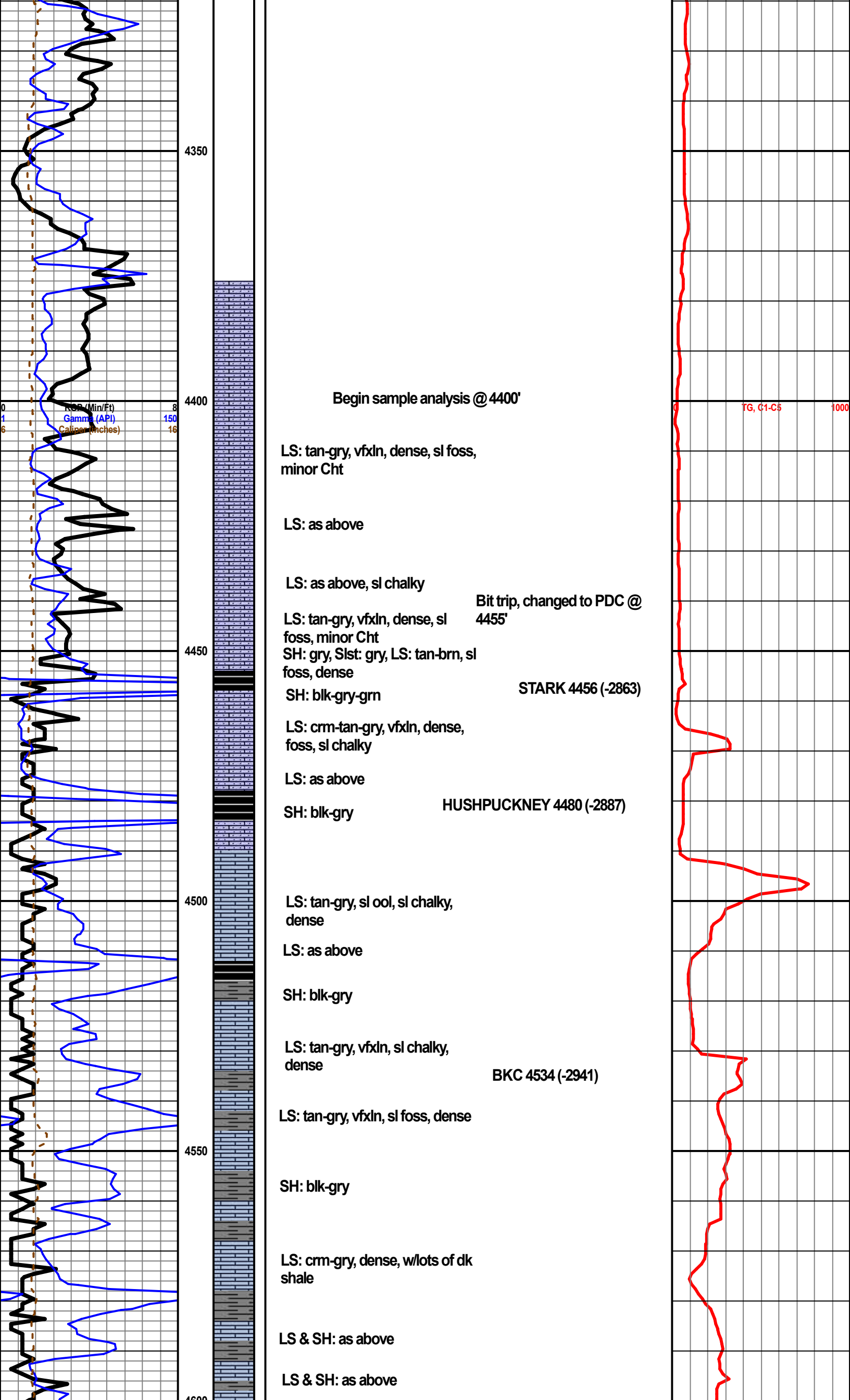
HEEBNER 3821 (-2228)

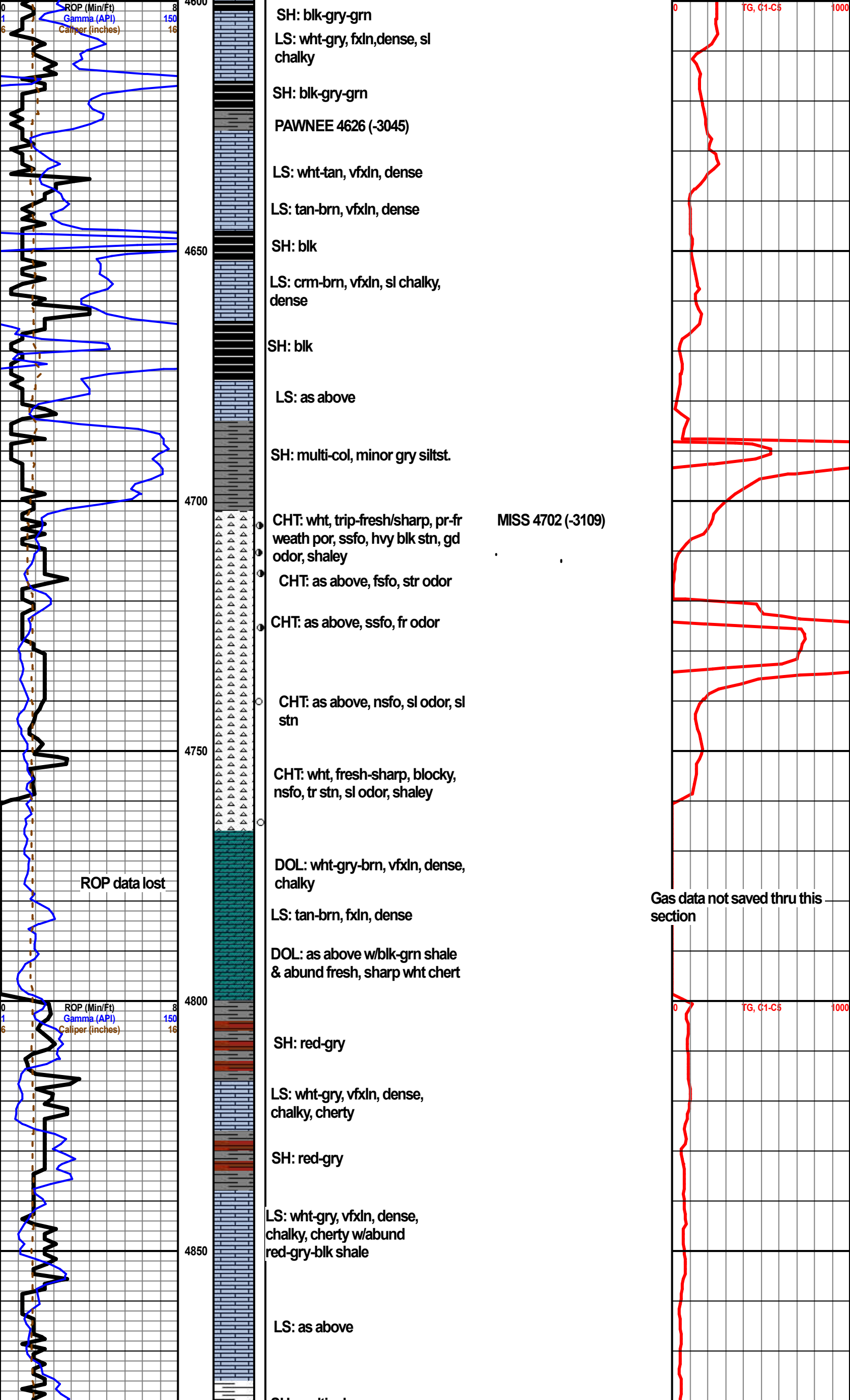
DOUGLAS 3906 (-2311)

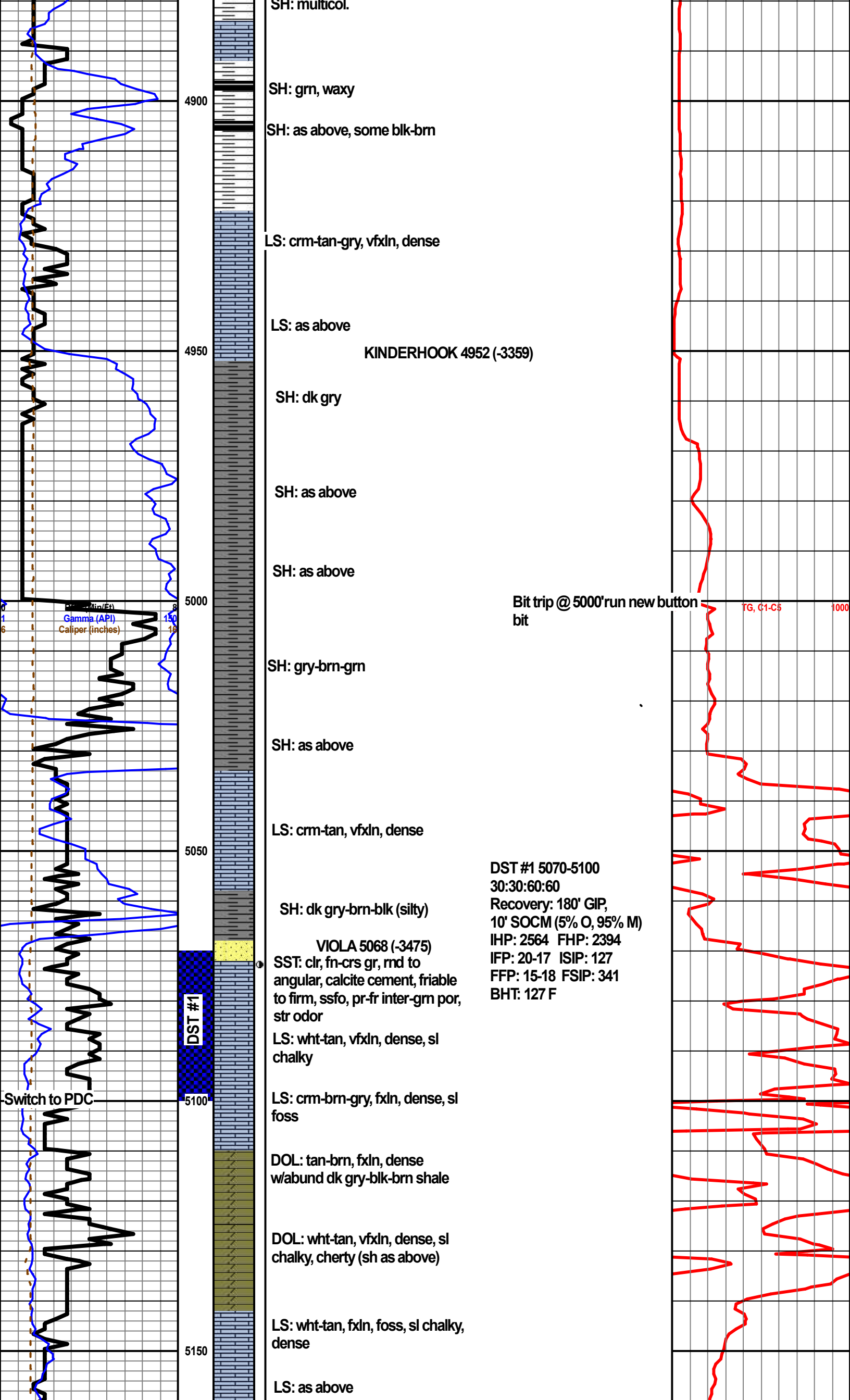
LANSING 4008 (-2415)

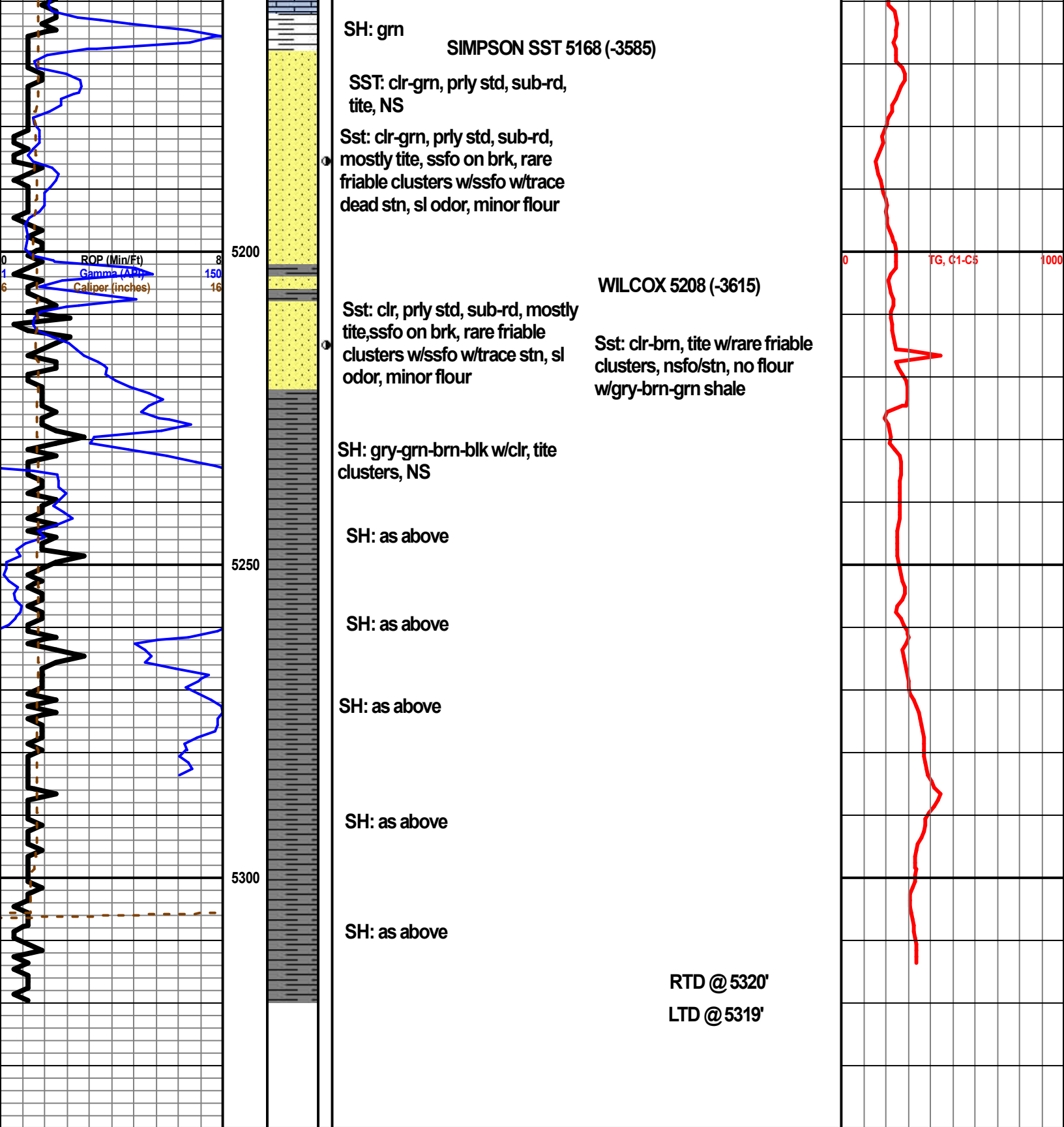


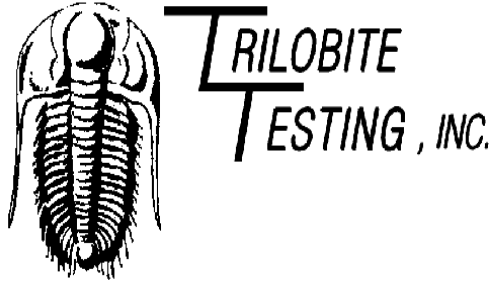












DRILL STEM TEST REPORT

Prepared For: **Briscoe Petroleum, LLC**

P.O. Box 6690
Sheridan, Wy
82801

ATTN: Rick Briscoe/Steve M

Tammy #1

35/33S/12W Barber, KS

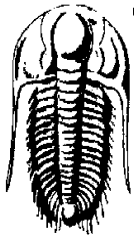
Start Date: 2020.06.27 @ 09:15:01

End Date: 2020.06.27 @ 16:21:30

Job Ticket #: 66604 DST #: 1

Trilobite Testing, Inc
1515 Commerce Parkway Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2020.06.29 @ 14:55:39



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Briscoe Petroleum, LLC

35/33S/12W Barber, KS

P.O. Box 6690

Sheridan, WY

82801

ATTN: Rick Briscoe/Steve M

Tammy #1

Job Ticket: 66604

DST#: 1

Test Start: 2020.06.27 @ 09:15:01

GENERAL INFORMATION:

Formation: **Misner**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 11:26:00

Time Test Ended: 16:21:30

Test Type: Conventional Bottom Hole (Initial)

Tester: Jimmy Ricketts

Unit No: 80

Interval: **5070.00 ft (KB) To 5100.00 ft (KB) (TVD)**

Total Depth: 5100.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 1593.00 ft (KB)

1580.00 ft (CF)

KB to GR/CF: 13.00 ft

Serial #: 8369 Outside

Press@RunDepth: 17.78 psig @ 5071.00 ft (KB)

Start Date: 2020.06.27

End Date:

2020.06.27

Start Time: 09:15:01

End Time:

16:21:30

Capacity: 8000.00 psig

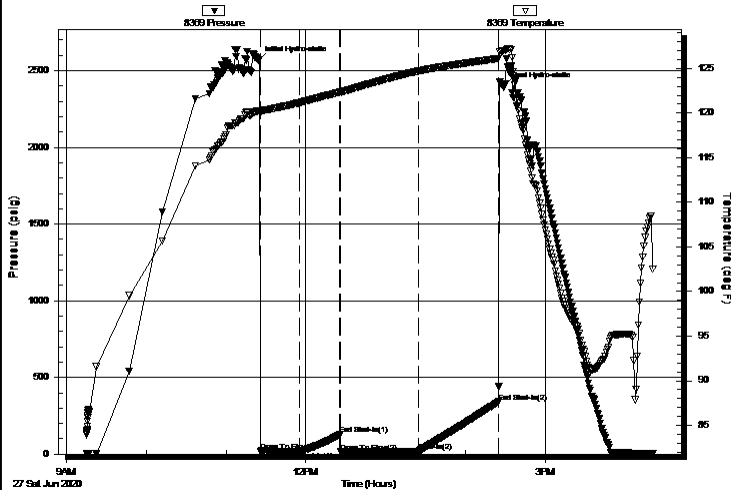
Last Calib.: 2020.06.29

Time On Btm: 2020.06.27 @ 11:24:10

Time Off Btm: 2020.06.27 @ 14:28:50

TEST COMMENT: IF - Weak blow building to 2"
FF - Weak blow building to 11"

Pressure vs. Time



PRESSURE SUMMARY

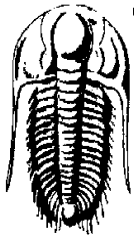
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2563.84	120.24	Initial Hydro-static
2	19.82	120.15	Open To Flow (1)
31	17.39	121.17	Shut-In (1)
62	127.06	122.34	End Shut-In (1)
62	14.58	122.32	Open To Flow (2)
121	17.78	124.72	Shut-In (2)
181	340.63	126.13	End Shut-In (2)
185	2393.61	127.00	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	VSOCM 5%O & 95%M	0.14
0.00	180' GIP 100%G	0.00

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Briscoe Petroleum, LLC

35/33S/12W Barber, KS

P.O. Box 6690

Sheridan, WY

82801

ATTN: Rick Briscoe/Steve M

Tammy #1

Job Ticket: 66604

DST#: 1

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Test Type: Conventional Bottom Hole (Initial)

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Total Depth: 5100.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 1593.00 ft (KB)

1580.00 ft (CF)

KB to GR/CF: 13.00 ft

Serial #: 8846 Inside

Press@RunDepth: psig @ 5071.00 ft (KB)

Start Date: 2020.06.27

End Date:

2020.06.27

Start Time: 09:15:01

End Time:

16:21:40

Capacity: 8000.00 psig

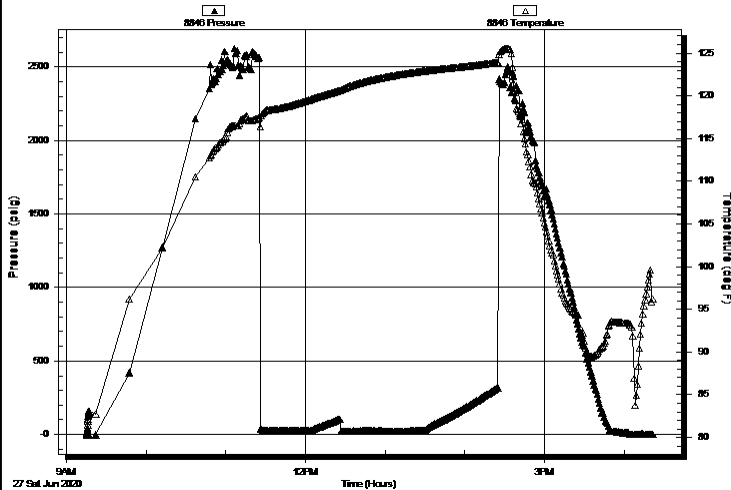
Last Calib.: 1899.12.30

Time On Btm:

Time Off Btm:

TEST COMMENT: IF - Weak blow building to 2"
FF - Weak blow building to 11"

Pressure vs. Time



PRESSURE SUMMARY

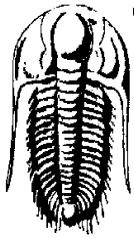
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
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Recovery

Length (ft)	Description	Volume (bbl)
10.00	VSOCM 5%O & 95%M	0.14
0.00	180' GIP 100%G	0.00

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Briscoe Petroleum, LLC

35/33S/12W Barber, KS

P.O. Box 6690

Sheridan, Wy

82801

ATTN: Rick Briscoe/Steve M

Tammy #1

Job Ticket: 66604

DST#: 1

Test Start: 2020.06.27 @ 09:15:01

Tool Information

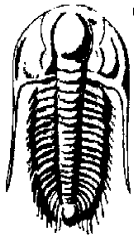
Drill Pipe:	Length:	5074.00 ft	Diameter:	3.80 inches	Volume:	71.17 bbl	Tool Weight:	2500.00 lb
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	inches	Volume:	0.00 bbl	Weight set on Packer:	25000.00 lb
Drill Collar:	Length:	0.00 ft	Diameter:	2.25 inches	Volume:	0.00 bbl	Weight to Pull Loose:	71000.00 lb
					Total Volume:	71.17 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:		32.00 ft					String Weight: Initial	63000.00 lb
Depth to Top Packer:		5070.00 ft					Final	64000.00 lb
Depth to Bottom Packer:		ft						
Interval between Packers:		30.00 ft						
Tool Length:		58.00 ft						
Number of Packers:		2	Diameter:	6.75 inches				
Tool Comments:								

Tool Description

Length (ft) Serial No. Position Depth (ft) Accum. Lengths

Change Over Sub	1.00			5043.00		
Shut In Tool	5.00			5048.00		
Hydraulic tool	5.00			5053.00		
Jars	5.00			5058.00		
Safety Joint	3.00			5061.00		
Packer	5.00			5066.00	28.00	Bottom Of Top Packer
Packer	4.00			5070.00		
Stubb	1.00			5071.00		
Recorder	0.00	8369	Outside	5071.00		
Recorder	0.00	8846	Inside	5071.00		
Perforations	24.00			5095.00		
Bullnose	5.00			5100.00	30.00	Bottom Packers & Anchor

Total Tool Length: 58.00



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Briscoe Petroleum, LLC

35/33S/12W Barber, KS

P.O. Box 6690

Sheridan, Wy

82801

ATTN: Rick Briscoe/Steve M

Tammy #1

Job Ticket: 66604

DST#: 1

Test Start: 2020.06.27 @ 09:15:01

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 53.00 sec/qt

Water Loss: 9.36 in³

Resistivity: ohm.m

Salinity: 4000.00 ppm

Filter Cake: inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

ft

bbl

psig

Oil API:

Water Salinity:

deg API

ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	VSOCM 5%O & 95%M	0.140
0.00	180' GIP 100%G	0.000

Total Length: 10.00 ft

Total Volume: 0.140 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

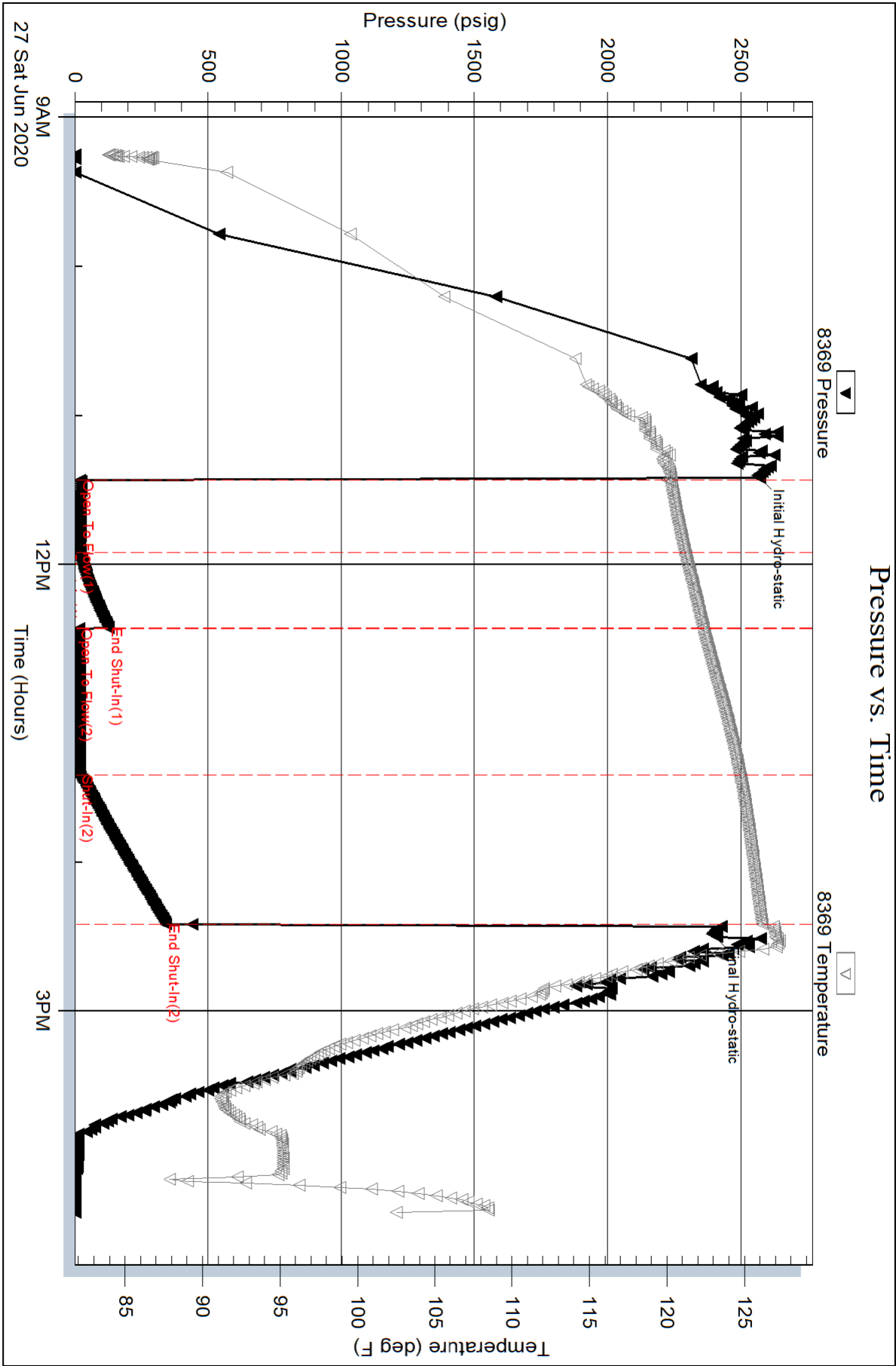
Recovery Comments:

Serial #: 8369

Outside Briscoe Petroleum, LLC

Tammy #1

DST Test Number: 1



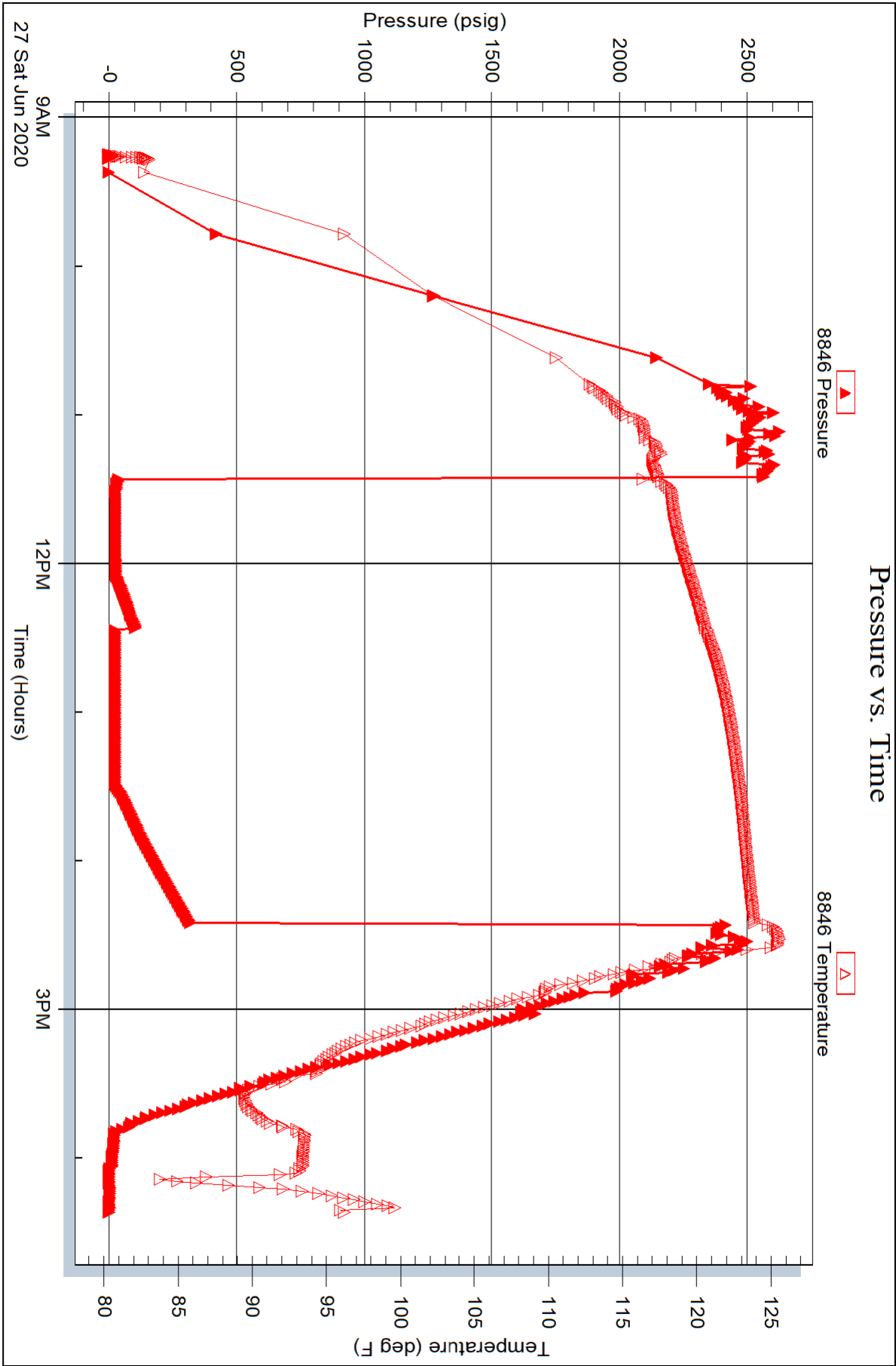
Serial #: 8846

Inside

Briscoe Petroleum, LLC

Tammy #1

DST Test Number: 1





TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. ~~61753~~
66604

Well Name & No. Tammy #1 Test No. 1 Date 6/27/20
Company Briscoe Petroleum Elevation 1580 KB 1593 GL
Address PO Box 4690 Sheridan, WY 82801
Co. Rep / Geo. Rick Briscoe / Steve Murphy Rig Duke #7
Location: Sec. 35 Twp. 33S Rge. 12W Co. Barber State KS

Interval Tested 5070 - 5100 Zone Tested Misner
Anchor Length 30 Drill Pipe Run 5074 Mud Wt. 9.3
Top Packer Depth 5075 5065 Drill Collars Run — Vis 53
Bottom Packer Depth 5070 Wt. Pipe Run — WL 9.37
Total Depth 5100 Chlorides 4000 ppm System LCM
Blow Description IF - weak blow built to 2"

FF - weak blow built to 11"

Rec	Feet of	%gas	%oil	%water	%mud
<u>10</u>	<u>VSOCM</u>	<u>5</u>		<u>95</u>	
	<u>180' GIP</u>				

Rec Total 10 BHT 126 Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

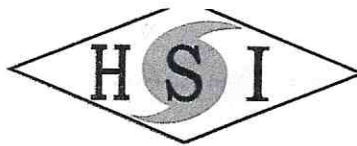
(A) Initial Hydrostatic 2564
(B) First Initial Flow 20
(C) First Final Flow 17
(D) Initial Shut-In 127
(E) Second Initial Flow 15
(F) Second Final Flow 18
(G) Final Shut-In 340
(H) Final Hydrostatic 2394

☒ Test 1400
☒ Jars 250
☒ Safety Joint 75
☐ Circ Sub
☐ Hourly Standby
☒ Mileage 92rt X 3
☐ Sampler
☐ Straddle
☐ Shale Packer
☐ Extra Packer
☐ Extra Recorder
☐ Day Standby
☐ Accessibility
Sub Total 2001

T-On Location _____
T-Started 9:15
T-Open 11:26
T-Pulled 14:26
T-Out 16:21
Comments loaded tools 6/28 13:00
called out before log 6/28 7:00
☐ Ruined Shale Packer
☐ Ruined Packer
☐ Extra Copies
Sub Total 0
Total 2001
MP/DST Disc't _____

Initial Open 30
Initial Shut-In 30
Final Flow 60
Final Shut-In 60

Approved By _____ Our Representative _____
Trilobite Testing Inc. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.



EMENT TREATMENT REPORT

Customer: BRISCOE PETROLEUM

City, State: MEDICINE LODGE KS

Field Rep: RICK BRISCOE

Well: TRACY 1

County: BARBER KS

S-T-R: 35-33S-12W

Ticket: ICT3743

Date: 6/29/2020

Service: 4 1/2 LONGSTRING

Downhole Information

Hole Size: 7 7/8 in

Hole Depth: 5319 ft

Casing Size: 4 1/2 in

Casing Depth: 5297 ft

Tubing / Liner: in

Depth: ft

Tool / Packer:

Tool Depth: ft

Displacement: 81.7 bbls

Calculated Slurry - Lead

Blend: H-PLUG

Weight: 13.8 ppg

Water / Sx: 6.9 gal / sx

Yield: 1.43 ft³ / sx

Annular Bbls / Ft.: bbs / ft.

Depth: ft

Annular Volume: 0.0 bbls

Excess:

Total Slurry: 25.0 bbls

Total Sacks: 100 sx

Calculated Slurry - Tail

Blend: HAA2

Weight: 15 ppg

Water / Sx: 5.9 gal / sx

Yield: 1.49 ft³ / sx

Annular Bbls / Ft.: bbs / ft.

Depth: ft

Annular Volume: 0 bbls

Excess:

Total Slurry: 46.0 bbls

Total Sacks: 175 sx

TIME RATE PSI STAGE BBLs TOTAL BBLs REMARKS

9:35 PM			-	-	ON LOCATION/SAFETY MEETING
11:05 PM			-	-	RUN 4 1/2" CASING WITH SCRATCHERS- 2 ON JT6 2 ON JT 7 2 ON JT 15 4ON JT 16 4 ON JT 17
			-	-	STOP RING MIDDLE OF JT 1 TURBOLIZERS ON STOP RING, 3,6,9,12,15,18,21
1:35 AM			-	-	CASING ON BOTTOM
1:45 AM			-	-	HOOK TO CASING, BREAK CIRC WITH RIG, RECIPRICATE CASING
3:05 AM	1.0	50.0	7.0	7.0	PLUG RAT HOLE WITH 30 SKS H-PLUG
3:10 AM	1.0	50.0	5.0	12.0	PLUG MOUSE HOLE WITH 20 SKS H-PLUG
3:17 AM	5.0	150.0	13.0	25.0	MIX 50 SKS H-PLUG AS SCAVENGER
3:21 AM	5.0	150.0	46.0	71.0	MIX 175 SKS HAA2
3:35 AM	3.0		4.0	75.0	WASH PUMP AND LINE, DROP PLUG
3:41 AM	5.7	150.0		75.0	START 2% KCL DISPLACEMENT
3:51 AM	5.7	200.0	50.0	125.0	LIFT PRESSURE
3:55 AM	3.5	800.0	71.0	196.0	SLOW RATE
4:00 AM			81.7	277.7	PLUG DOWN, RELEASED AND HELD
				277.7	CIRCULATION THROUGH JOB
				277.7	
				277.7	
				277.7	
				277.7	
				277.7	
				277.7	
				277.7	JOB COMPLETE, THANK YOU!
				277.7	MIKE MATTAL
				277.7	MIKE&E.J.
				277.7	
				277.7	
				277.7	

CREW

UNIT

SUMMARY

Cementer: MATTAL

912

Pump Operator: MCGRAW

521/526

Bulk #1: EJMCGRAW

181/532

Bulk #2:

Average Rate

Average Pressure

Total Fluid

3.7 bpm

221 psi

278 bbls