

Confidentiality Requested:

☐ Yes ☒ NoKANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1

January 2018

Form must be Typed
Form must be Signed
All blanks must be FilledWELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 35920
 Name: NEC Operating - Kansas, LLC
 Address 1: 538 SILICON DR
 Address 2: _____
 City: SOUTHLAKE State: TX Zip: 76092 + 7516
 Contact Person: Lonnie Lumpkins
 Phone: (817) 600-4246
 CONTRACTOR: License # 5929
 Name: Duke Drilling Co., Inc.
 Wellsite Geologist: Keaton Jones
 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 #: _____

6/6/2024 6/14/2024 06/25/2024
 Spud Date or Date Reached TD Completion Date or
 Recompletion Date Recompletion Date

API No.: 15-145-21895-00-00

Spot Description: _____

SW-SE-NE-SW Sec. 8 Twp. 23 S. R. 17 ☐ East ☒ West
1426 Feet from ☐ North / ☒ South Line of Section
2145 Feet from ☐ East / ☒ West Line of Section

Footages Calculated from Nearest Outside Section Corner:

☐ NE ☐ NW ☐ SE ☒ SWGPS Location: Lat: _____, Long: _____
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)Datum: ☐ NAD27 ☐ NAD83 ☐ WGS84County: PawneeLease Name: GAMBLE Well #: 2

Field Name: _____

Producing Formation: CHEROKEE/MISSElevation: Ground: 2094 Kelly Bushing: 2107Total Vertical Depth: 4628 Plug Back Total Depth: _____Amount of Surface Pipe Set and Cemented at: 815 FeetMultiple 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 DistributionALT ☒ I ☐ II ☐ III Approved by: Kelsey Cox Date: 02/03/2025

Operator Name: NEC Operating - Kansas, LLC Lease Name: GAMBLE Well #: 2
 Sec. 8 Twp. 23 S. R. 17 ☐ East ☒ West County: Pawnee

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 (Attach Additional Sheets)	☒ Yes ☐ No	☒ Log	Formation (Top), Depth and Datum	☐ Sample
Samples Sent to Geological Survey	☒ Yes ☐ No	Name Attached	Top Attached	Datum Attached
Cores Taken	☐ Yes ☒ No			
Electric Log Run	☒ Yes ☐ No			
Geologist Report / Mud Logs	☒ Yes ☐ No			
List All E. Logs Run:				
Attached				

CASING RECORD ☒ New ☐ 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
Surface	12.25	8.625	23	815	CLASS A	235	3% calcium chloride + 2% bentonite + 0.2
Production	7.875	5.5	15.5	4617	CLASS A	225	5% gypsum + 10% salt + 0.6% fluid loss

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
☐ Perforate				
☐ Protect Casing	-			
☐ Plug Back TD				
☐ 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: <u>07/05/2024</u>		Producing Method: ☐ Flowing ☒ Pumping ☐ Gas Lift ☐ Other (Explain) _____			
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

DISPOSITION OF GAS:		METHOD OF COMPLETION:			PRODUCTION INTERVAL:	
☐ Vented	☐ Sold	☐ Open Hole	☒ Perf.	☐ Dually Comp.	Top	Bottom
(If vented, Submit ACO-18.)		(Submit ACO-5)			4233	4258
		(Submit ACO-4)				

Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At	Acid, Fracture, Shot, Cementing Squeeze Record (Amount and Kind of Material Used)
	4248	4258			
	4233	4238			
TUBING RECORD: Size: Set At: Packer At:					

Form	ACO1 - Well Completion
Operator	NEC Operating - Kansas, LLC
Well Name	GAMBLE 2
Doc ID	1812214

All Electric Logs Run

bhv
COM
DIL
MEL
PE

Form	ACO1 - Well Completion
Operator	NEC Operating - Kansas, LLC
Well Name	GAMBLE 2
Doc ID	1812214

Tops

Name	Top	Datum
HEEBNER	3548	-1441
TORONTO	3694	-1587
LKC	3787	-1680
CHEROKEE	4208	-2101
MISS	4246	-2139
MISENER	4313	-2206
VIOLA	4332	-2225
ARBUCKLE	4536	-2429

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Operator	NEC Operating - Kansas, LLC
Well Name	GAMBLE 2
Doc ID	1812214

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	815	CLASS A	235	3% calcium chloride + 2% bentonite + 0.25 pps celloflake
Production	7.875	5.5	15.5	4617	CLASS A	225	5% gypsum + 10% salt + 0.6% fluid loss + 0.2% defoamer + 5 pps Kol-Seal + 0.25 pps celloflake

Gamble #2

WellSight Systems

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

Well Name: Gamble #2
API: 15-145-21895
Location: 1426' FSL, 2145' FWL SW1/4 Sec. 8, T23S, R17W
License Number: Region: Pawnee County
Spud Date: 6/6/2024 Drilling Completed: 6/13/2024
Surface Coordinates: 38.061902, -99.215447 (NAD27)

Bottom Hole Same As Surface
Coordinates:
Ground Elevation (ft): 2094 K.B. Elevation (ft): 2107
Logged Interval (ft): 3000 To: RTD Total Depth (ft): 4628 LTD
Formation: Arbuckle @ RTD
Type of Drilling Fluid: Chemical (Andys Mud)

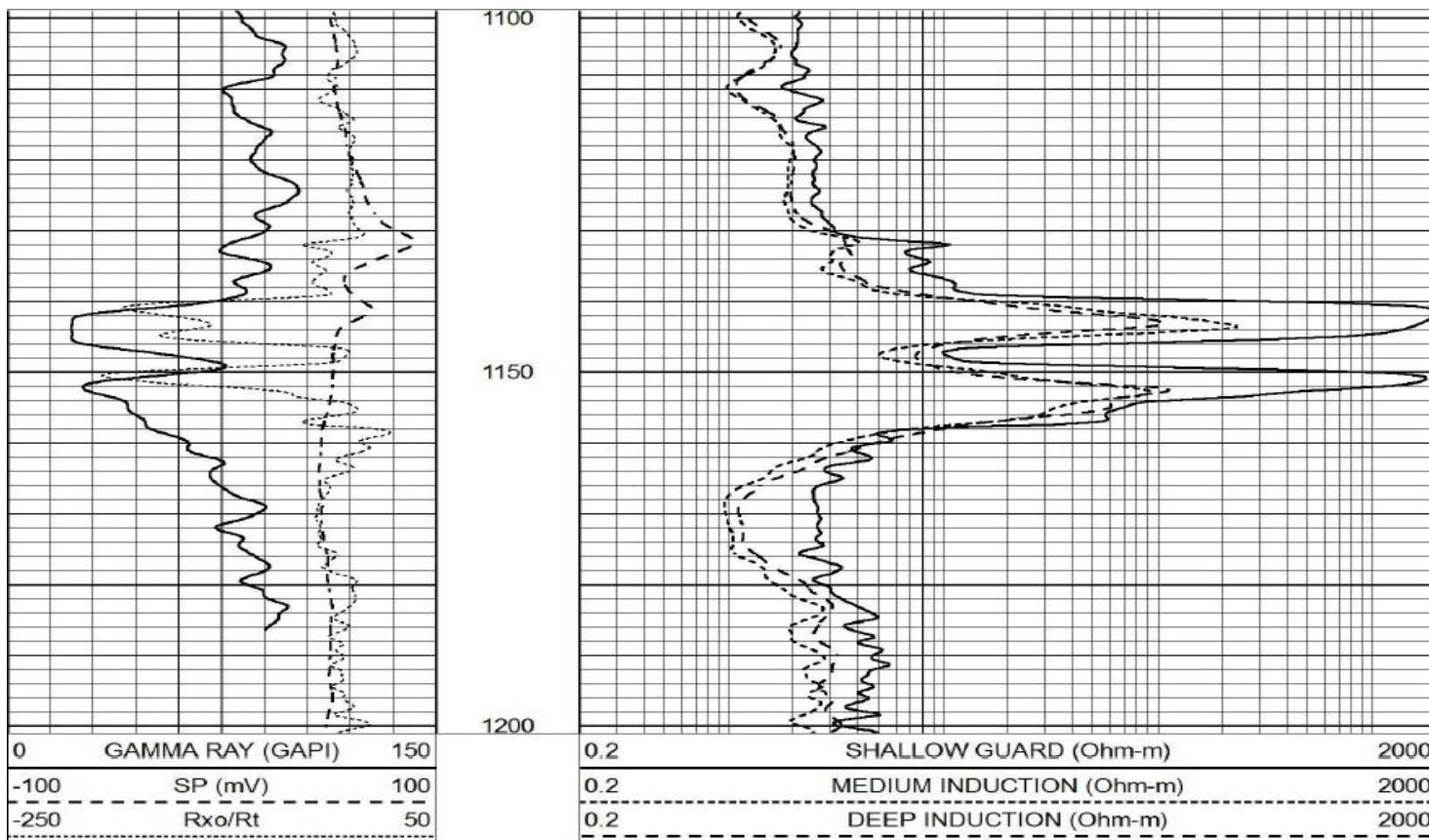
Printed by MudLog from WellSight Systems 1-800-447-1534 www.WellSight.com

OPERATOR

Company: NEC Operating Kansas
Address: 542 Silicon Dr Suite 100
South Lake TX 67092

GEOLOGIST

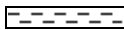
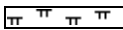
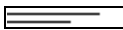
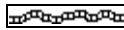
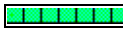
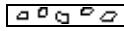
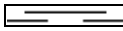
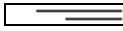
Name: Keaton Jones
Company: Rockhound Petroleum, LLC
Address: 255 NE 30th
St. John KS 67576



Wellsite Comparison

Lease: Gamble #2				Lease: Gamble #1				Lease: Marie Antoinette A-1		
---in Comparison To---				Compared to Gamble 1						
Formation	K.B	2107	Strat	Formation	K.B	2090	Strat	Formation	K.B	2071
Depth:	Datum	Comp		Depth:	Datum	Comp		Depth:	Datum	
Anhy		2107	17	Anhy		2090	1150	Anhy	1114	957
QH	3548	-1441	4	QH	3535	-1445	8	QH	3520	-1449
heebner	3674	-1567	0	heebner	3657	-1567	2	heebner	3640	-1569
Toronto	3694	-1587	-1	Toronto	3676	-1586	1	Toronto	3659	-1588
Douglas	3703	-1596	1	Douglas	3687	-1597	1	Douglas	3668	-1597
B.L	3780	-1673	-1	B.L	3762	-1672	-2	B.L	3742	-1671
LKC	3787	-1680	-1	LKC	3769	-1679	-1	LKC	3750	-1679
LKC "B"	3818	-1711	0	LKC "B"	3801	-1711	8	LKC "B"	3790	-1719
LKC "F"	3861	-1754	6	LKC "F"	3850	-1760	1	LKC "F"	3826	-1755
LKC "G"	3884	-1777	3	LKC "G"	3870	-1780	6	LKC "G"	3854	-1783
LKC "H"	3928	-1821	0	LKC "H"	3911	-1821	3	LKC "H"	3895	-1824
LKC "J"	3970	-1863	9	LKC "J"	3962	-1872	14	LKC "J"	3948	-1877
Stark	3997	-1890	7	Stark	3987	-1897	11	Stark	3972	-1901
LKC "K"	4004	-1897	4	LKC "K"	3991	-1901	10	LKC "K"	3978	-1907
Hush	4033	-1926	4	Hush	4020	-1930	11	Hush	4008	-1937
BKC	4069	-1962	5	BKC	4057	-1967	11	BKC	4044	-1973
Chero	4208	-2101	5	Chero	4196	-2106	10	Chero	4182	-2111
miss	4246	-2139	9	miss	4238	-2148	36	miss	4246	-2175
misener	4313	-2206	-4	misener	4292	-2202	#VALUE!	misener	N/A	N/A
viola	4332	-2225	7	viola	4322	-2232	38	viola	4334	-2263
Simp SH	4489	-2382	5	Simp SH	4477	-2387	18	Simp SH	4471	-2400
arbuckle	4536	-2429	5	arbuckle	4524	-2434	10	arbuckle	4510	-2439

ROCK TYPES

	Anhy		Clyst		Gyp		Mrlst		Shgy
	Bent		Coal		Igne		Salt		Sltst
	Brec		Congl		Lmst		Shale		Ss
	Cht		Dol		Meta		Shcol		Till

ACCESSORIES

MINERAL		FOSSIL		STRINGER		TEXTURE	
	Anhy		Algae		Anhy		Boundst
	Arggrn		Amph		Pelec		Cryxln
	Arg		Belm		Pellet		Earthy
	Bent		Bioclst		Pisolite		Finexln
	Bit		Brach		Plant		Grainst
	Brecfrag		Bryozoa		Strom		Lithogr
	Calc		Cephal	STRINGER			Microxln
	Carb		Coral				Mudst
	Chtdk		Crin				Packst
	Chtlt		Echin				Wackest
	Dol		Fish				
	Feldspar		Foram		Anhy		
	Ferrpel		Fossil		Arg		
	Ferr		Gastro		Bent		
	Glau		Oolite		Coal		
					Dol		
					Gyp		
					Ls		
					Mrst		

	Earthy
	Fenest
	Fracture
	Inter
	Moldic
	Organic
	Pinpoint

Vuggy

☐ Well
☐ Moderate
☐ Poor

	Rounded
	Subrond
	Subang
	Angular

OIL SHOW
 **Even**

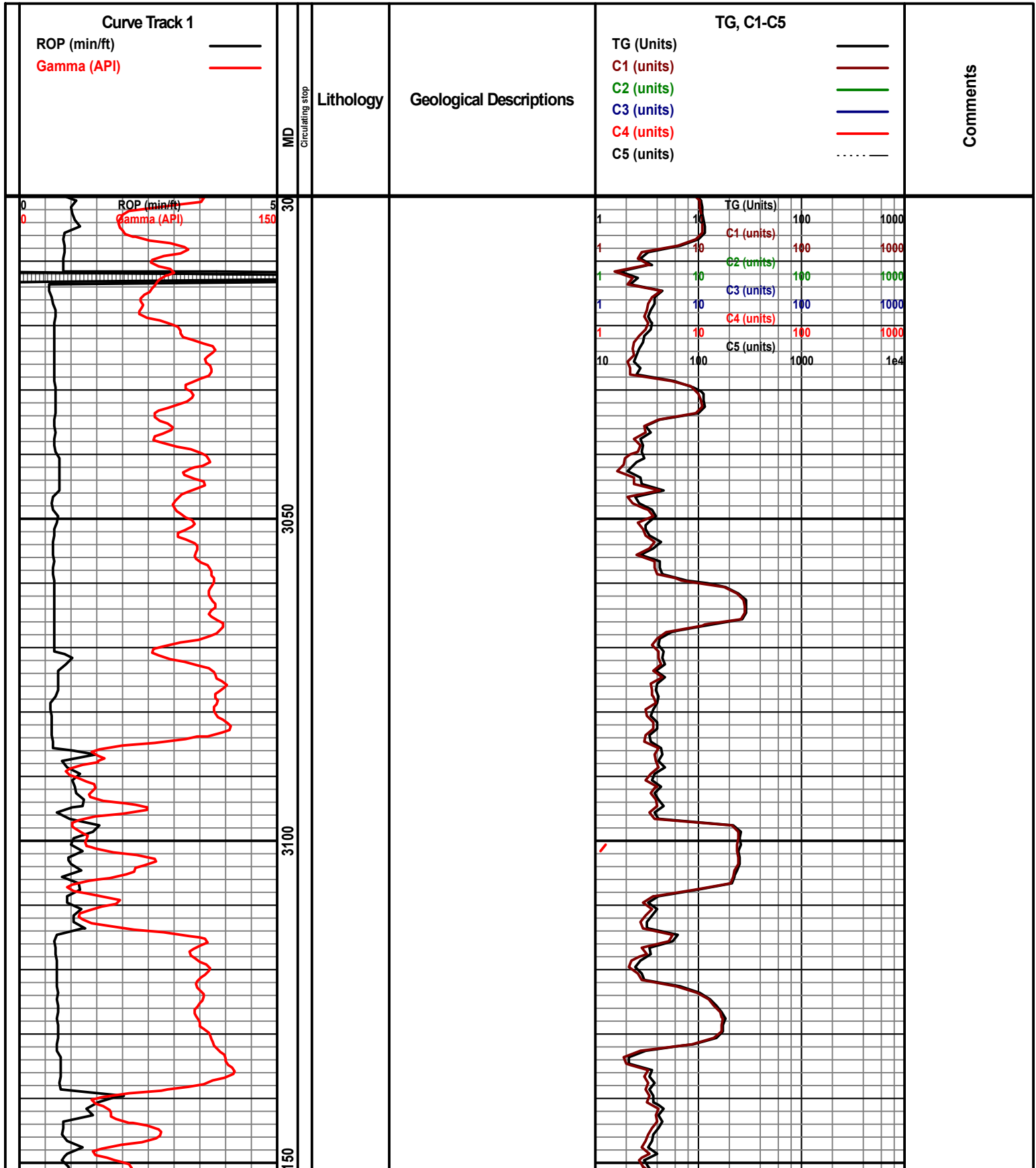
**Spotted
Ques
Dead**

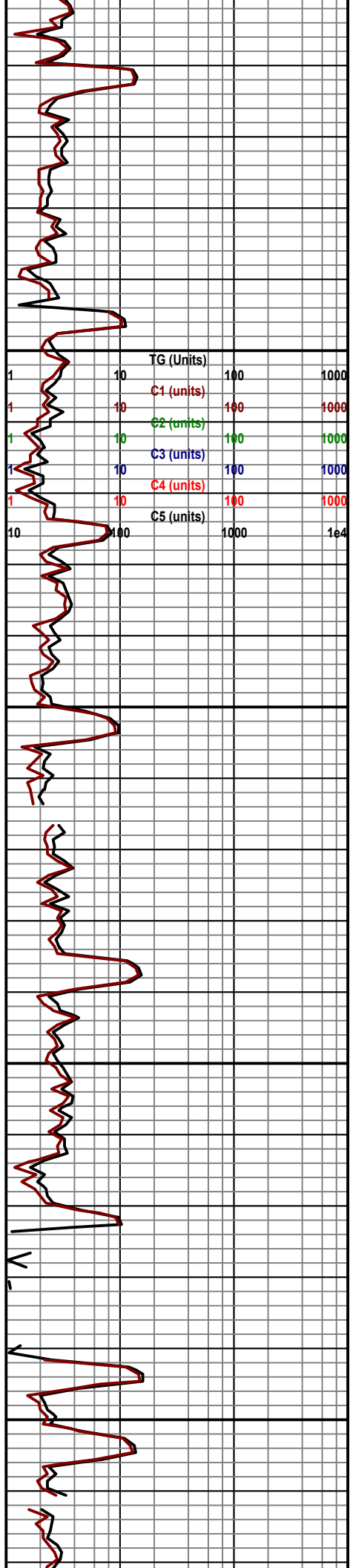
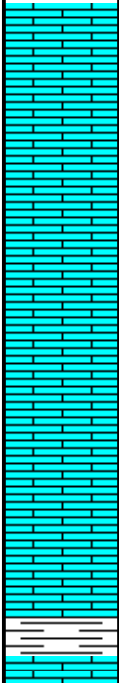
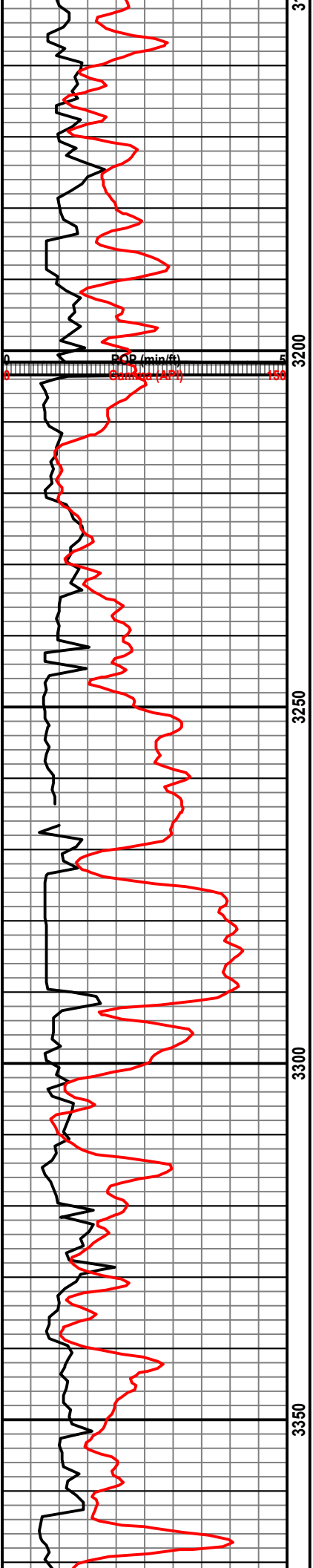
INTERVAL

	Core
	Dst 2
	Dst 4

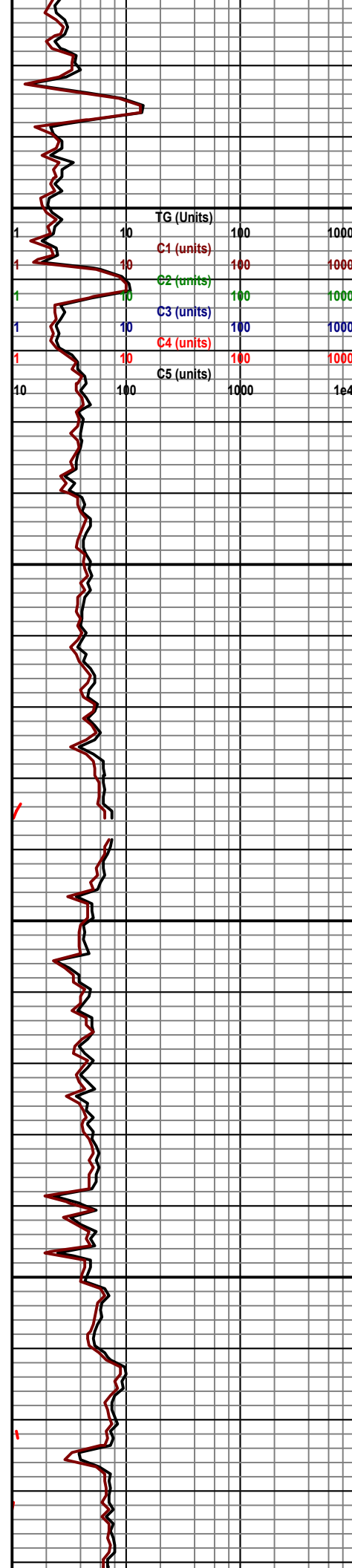
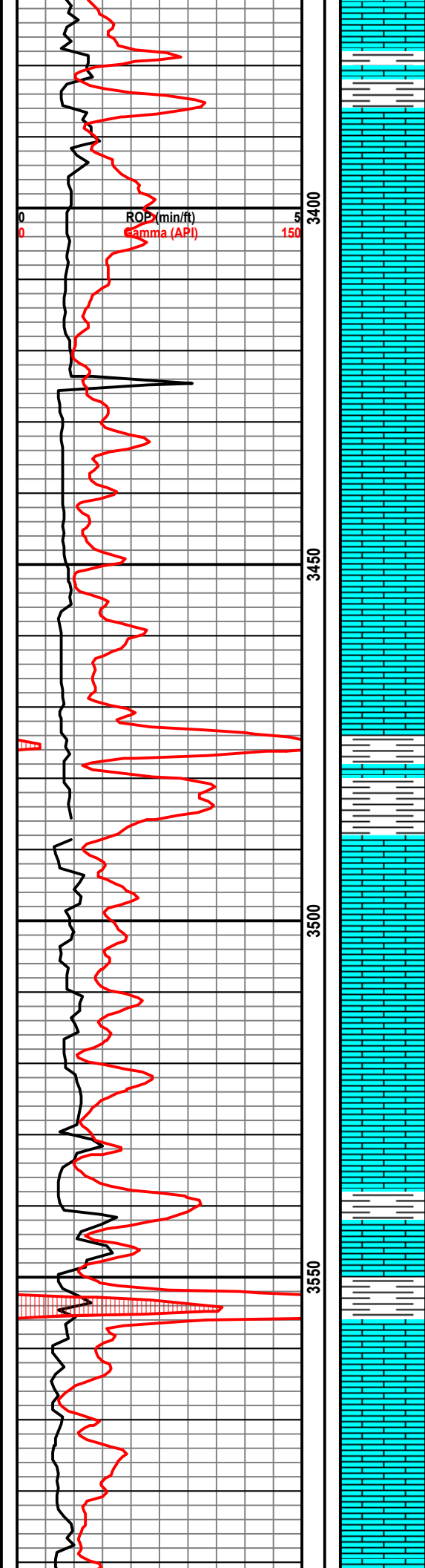
Dst 3
Dst

Rft
Sidewall





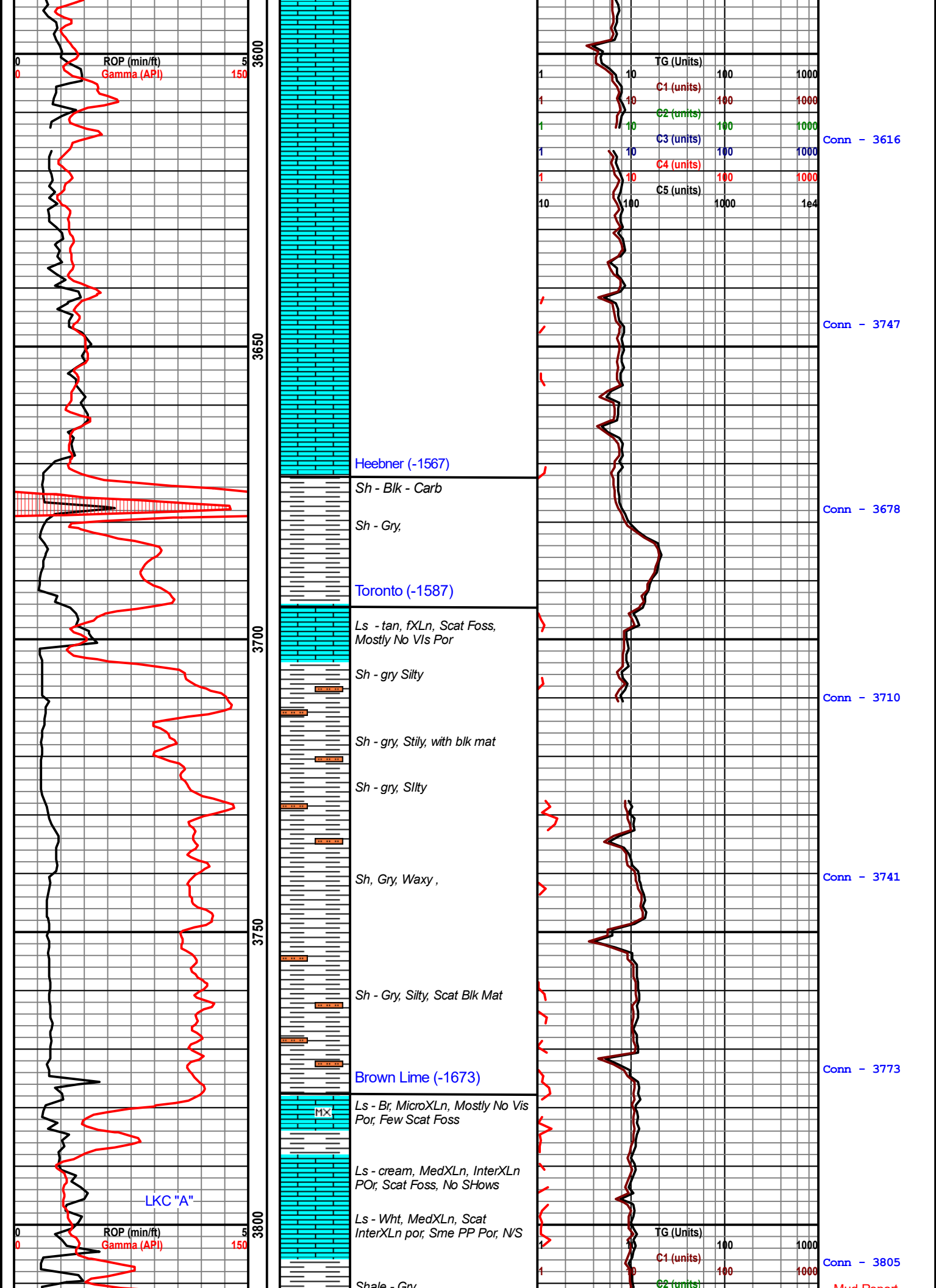
TG (Units)			
1	10	100	1000
1	10	100	1000
1	10	100	1000
1	10	100	1000
1	10	100	1000
10	100	1000	1e4

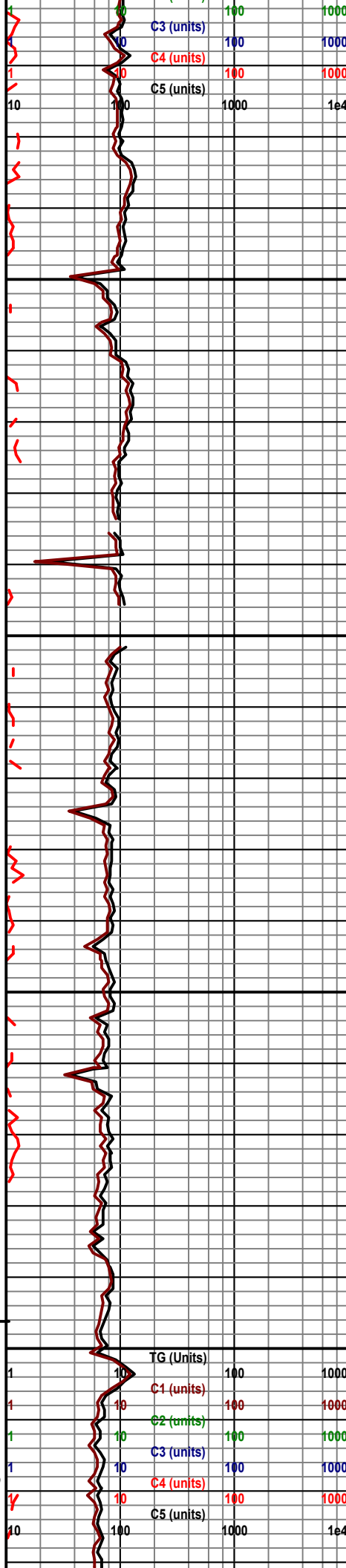
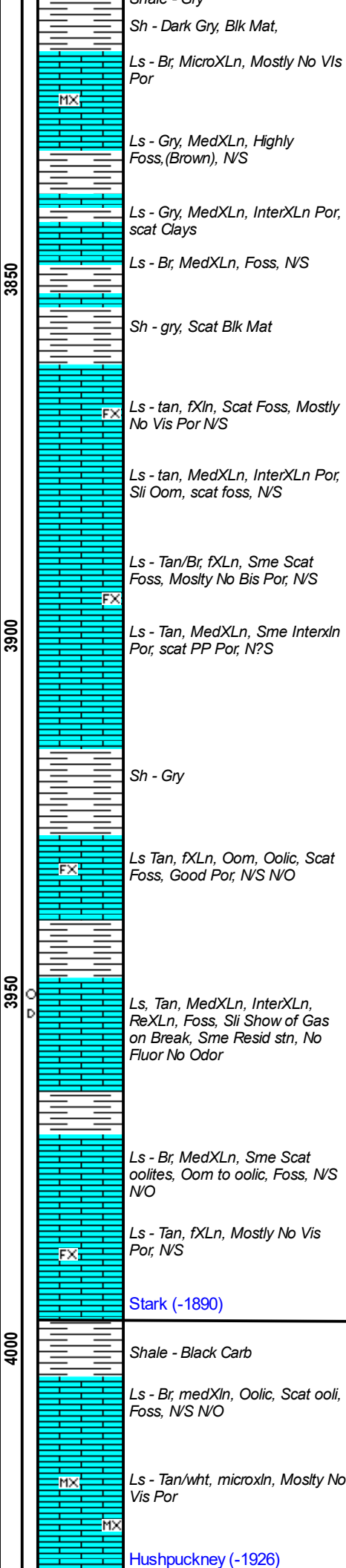
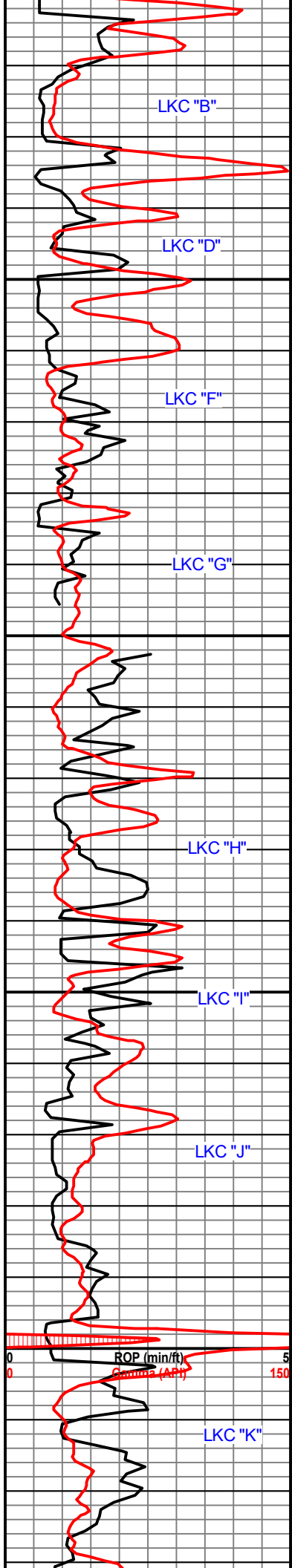


Conn - 3520

Conn - 3552

Conn - 3584





- Mud Report -
Depth: 3820
Wt: 8.9
Vis: 50
Fil: 7.2
Chl: 5,000
Lcm: 2#

Conn - 3837

Conn - 3869

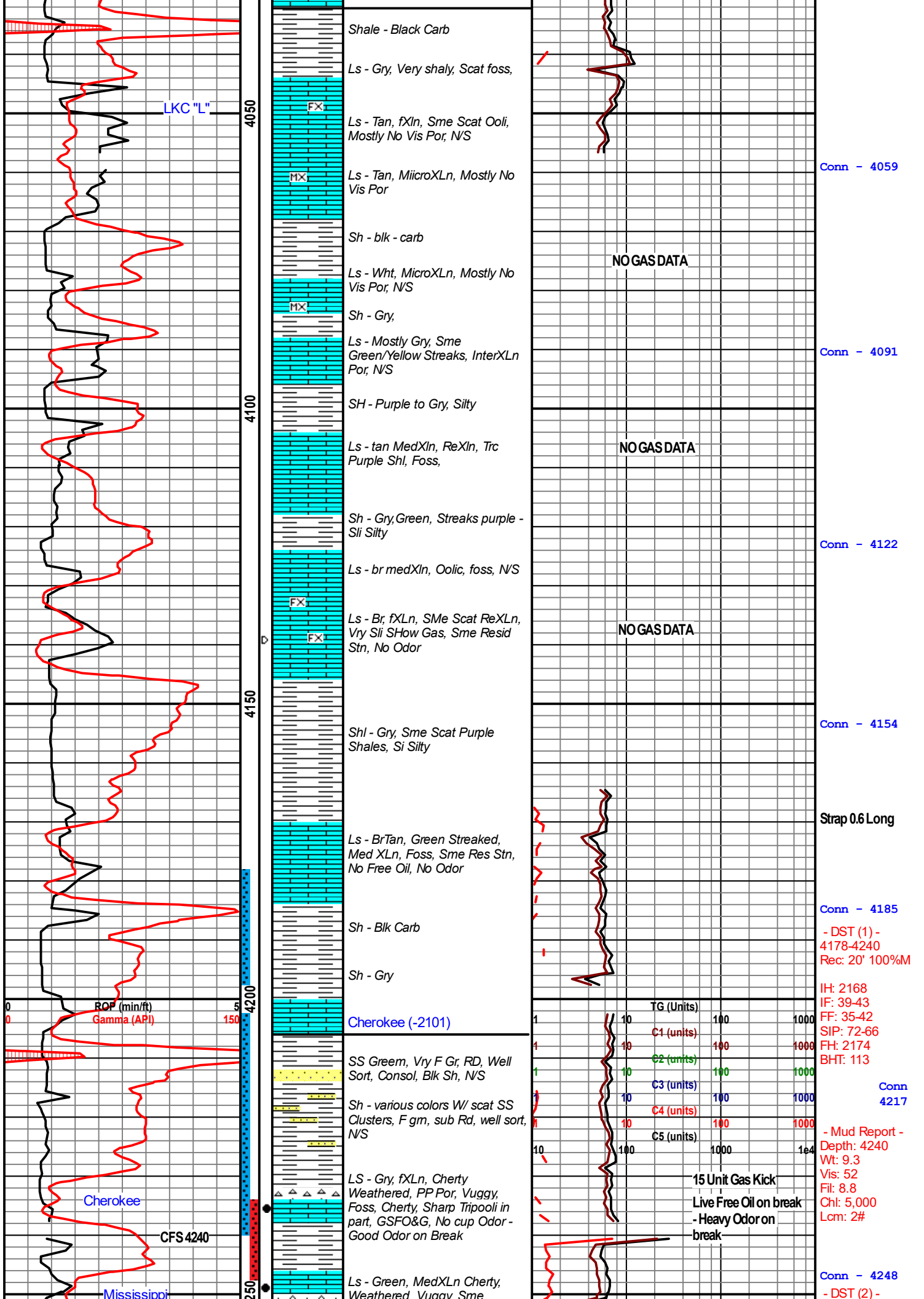
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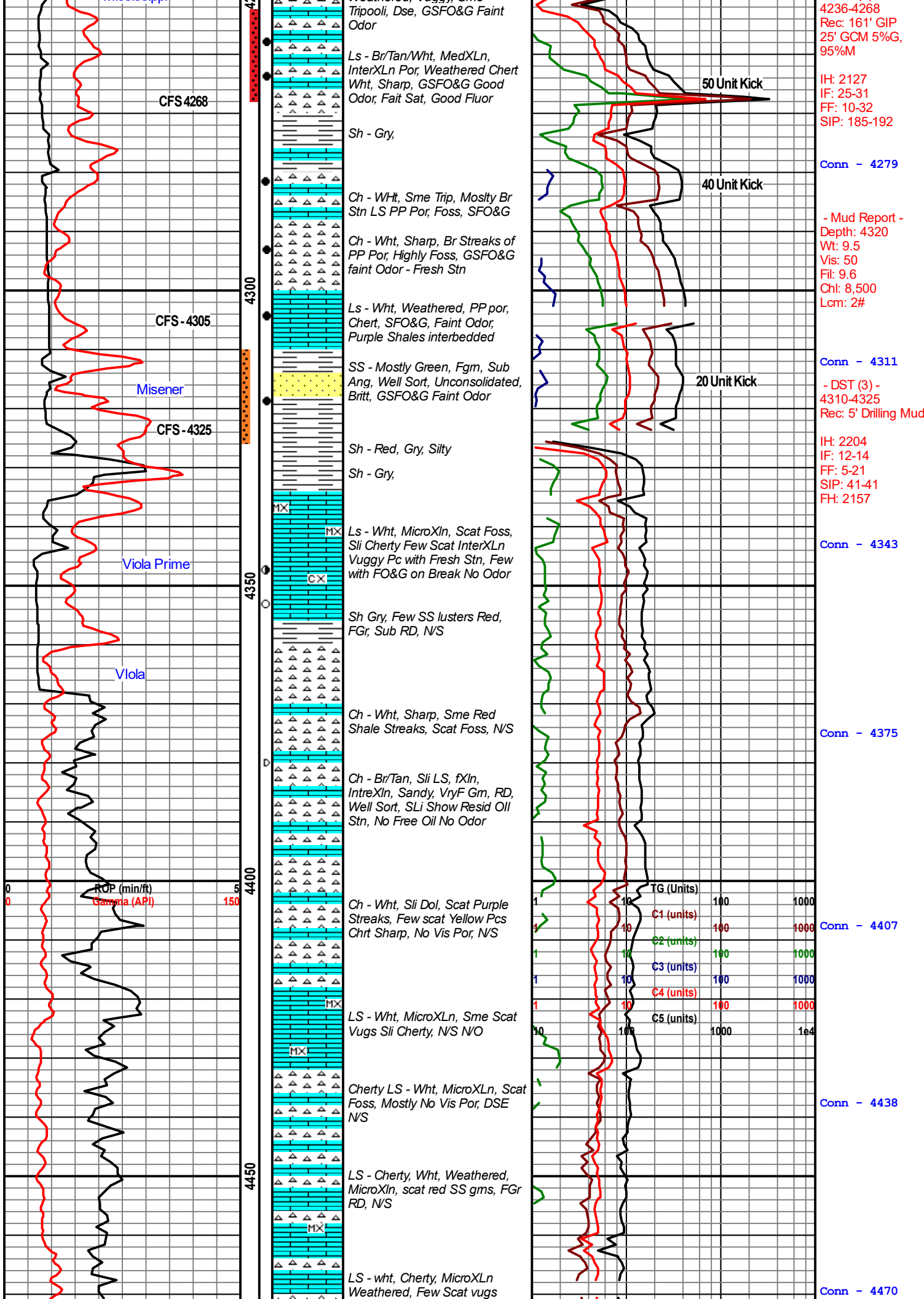
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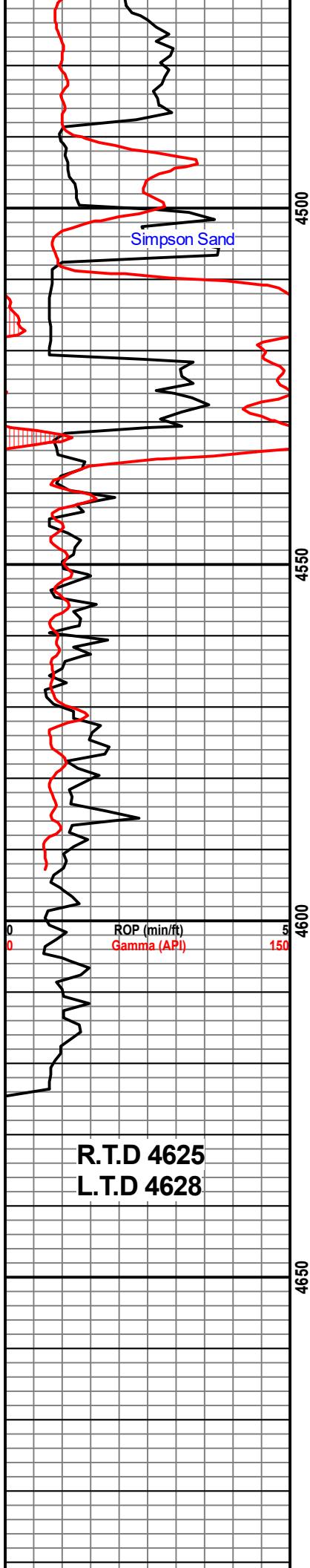
Conn - 3964

Conn - 3996

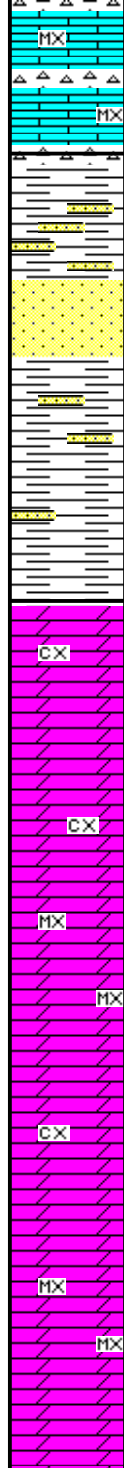
Conn - 4027







R.T.D 4625
L.T.D 4628



mostly no Vis por, Vry Dse, N/S

Simpson Shale (-2382)

Sh - Gm Waxy, Interbed SS, fGm, SubRd, Well Sort,

SS - medGr, SubRd, Well Sort, Scat clays, Green Matrix, N/S

Sh - Green, Sli SS

Arbuckle (-2429)

Dol - Tan, MedXLn, Sucrosic, N/S

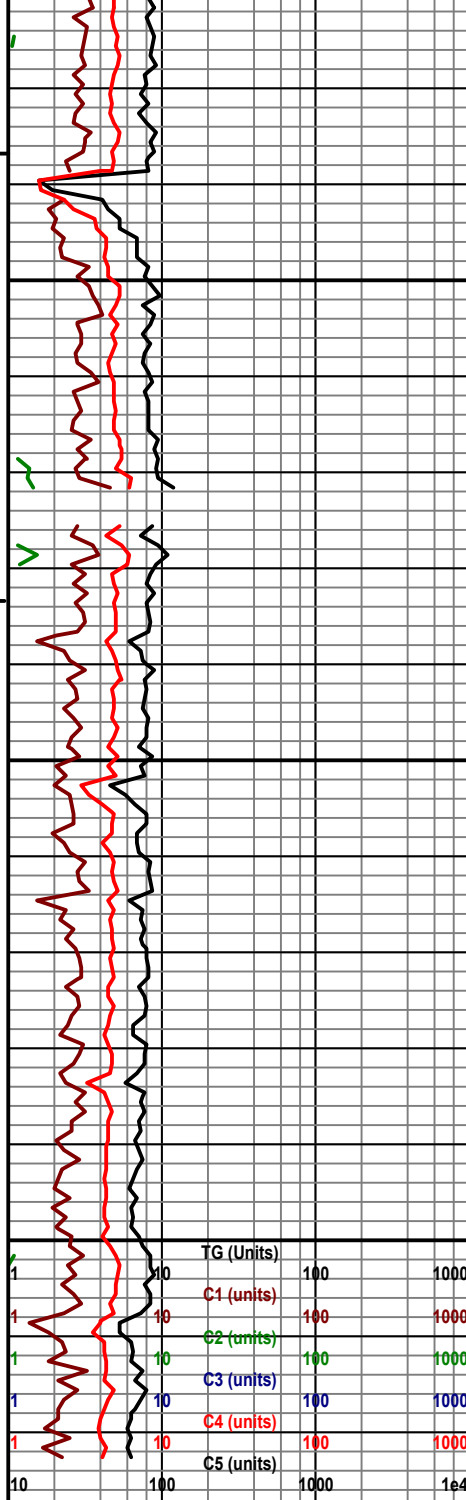
Dol - Tan with Pinkish tint, MedXLn, Vuggy, scat ooli, N/S

Dol - Pink, MedXLn Suco, InterXLn Por N/S

Dol - Cream, Buff, MicroXLn, PP Por, Sme Scat interXLn Por N/S

Dol - Tan, MedXLn, InterXln por, Sli Suco W sme PP Por, Weathered W few Scat Vugs N/S

Dol - Tan, MicroXLn Mostly No Vis Por N/S



Conn - 4501

Conn - 4533

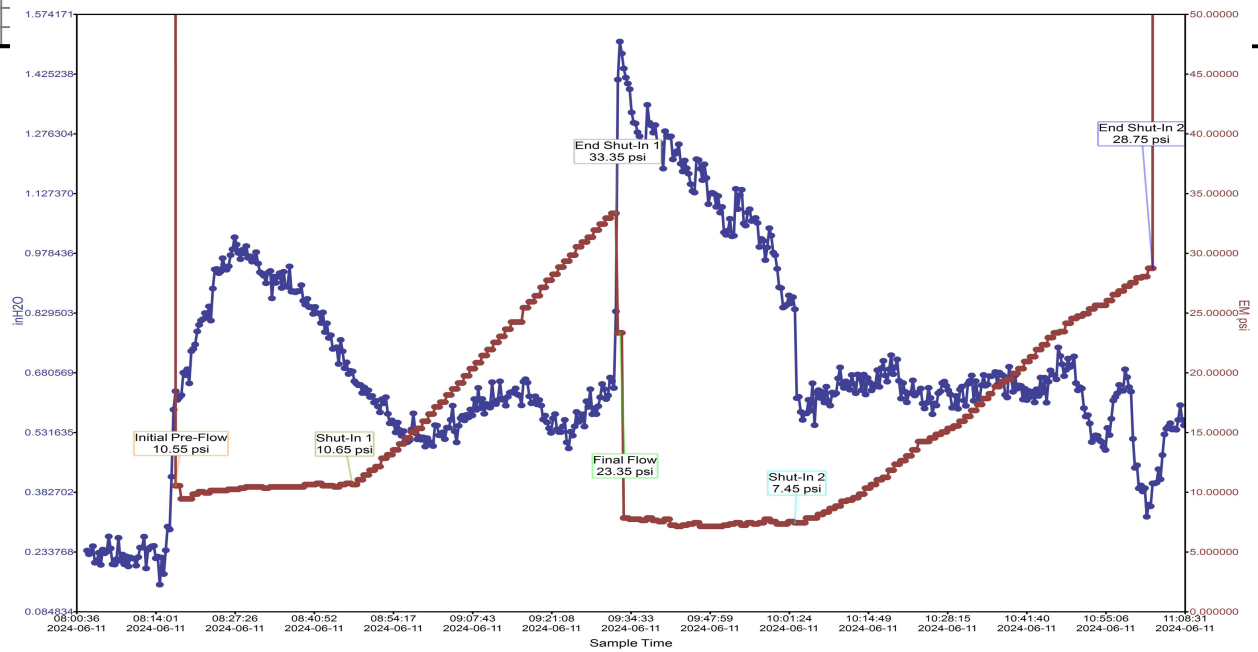
Conn - 4564

Conn - 4596

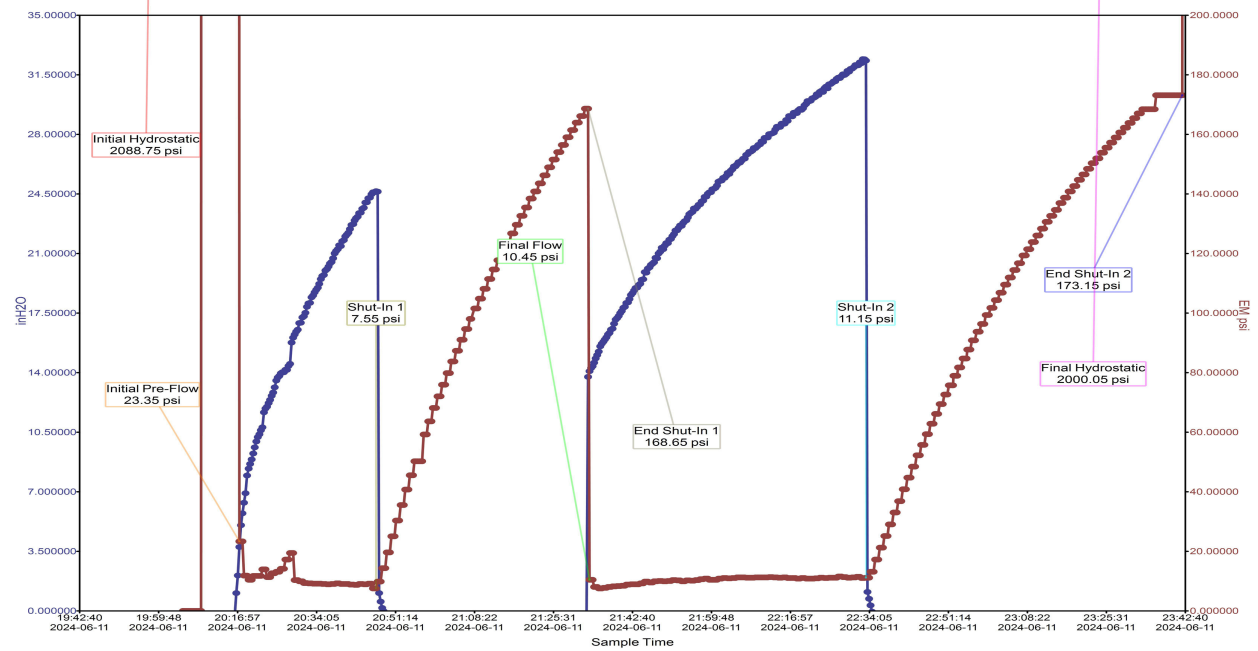
- Mud Report -
Depth: 4625
Wt: 9.4
Vis: 53
Fil: 8.2
Chl: 7,000
Lcm: 4#

Survey 2
Degrees

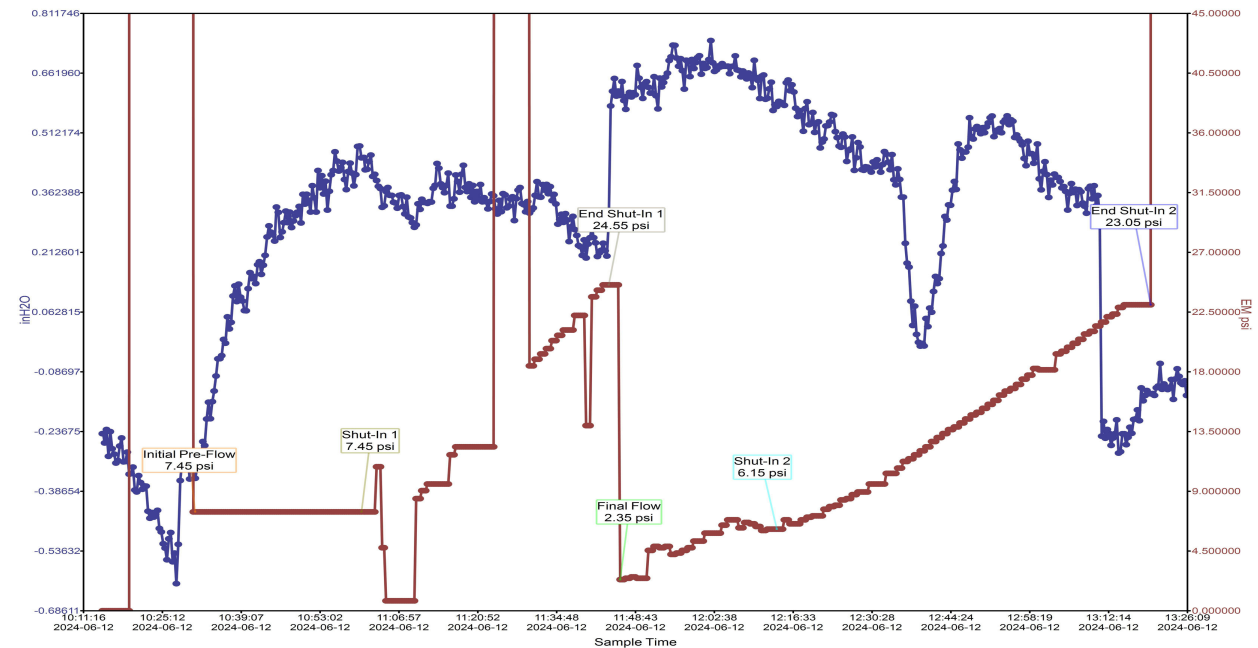
NEC Operating - Kansas, LLC - Gamble 2 - DST 1



NEC Operating - Kansas, LLC - Gamble 2 - DST 2



NEC Operating - Kansas, LLC - Gamble 2 - DST 3





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.

ftv: 7-2020/11/30
mplv: 449-2024/05/10



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.

ftv: 15-2021/01/25
mplv: 453-2024/05/20

**CEMENT TREATMENT REPORT**

Customer: NEC Operating Kansas LLC

Well: Gamble 2

Ticket: wp 5491

City, State: Garfield Kansas

County: Pawnee Kansas

Date: 6/13/2024

Field Rep: Mr Keaton Jones

S-T-R: 8-23w-17w

Service: Longstring

Downhole Information

Hole Size: 7 7/8 in
Hole Depth: 4625 ft
Casing Size: 5 1/2 in
Casing Depth: 4603 ft
Tubing / Liner: in
Depth: ft
Tool / Packer:
Tool Depth: ft
Displacement: 110.5 bbls

Calculated Slurry - Lead

Blend: H-Long
Weight: 15.0 ppg
Water / Sx: 6.0 gal / sx
Yield: 1.43 ft³ / sx
Annular Bbls / Ft.: bbs / ft.
Depth: ft
Annular Volume: 0.0 bbls
Excess:
Total Slurry: 57.3 bbls
Total Sacks: 225 sx

Calculated Slurry - Tail

Blend: H-Plug
Weight: 13.7 ppg
Water / Sx: 6.9 gal / sx
Yield: 1.43 ft³ / sx
Annular Bbls / Ft.: bbs / ft.
Depth: ft
Annular Volume: 0 bbls
Excess:
Total Slurry: 12.7 bbls
Total Sacks: 50 sx

STAGE TOTAL

TIME RATE PSI BBLs BBLs REMARKS

9:00 PM			-	-	on location job and safety
1:58 PM			-	-	spot trucks and rig up
			-	-	turbolizers 1,3,5,7,9,11,13,15,17,19
			-	-	Basket bottom of joint 3
9:51 PM			-	-	start casing in the hole
12:15 AM			-	-	casing on bottom and circulate
1:00 AM			-	-	start flush
	4.0	400.0	12.0	12.0	500 gallon mud flush
	4.0	300.0	20.0	32.0	2% kcl water
1:10 AM					mud flush in and shut down
1:15 AM	2.0	-	12.7	12.7	plug rat hole 30 sacks H-plug plug mouse hole 20 sacks h-plug
1:25 AM					start cement down hole
	5.0	300.0	57.3		mix 225 sacks of H-Long at 15 ppg
1:45 AM					cement in and shut down
					close in the manifold
					wash pump and lines and release the plug
1:50 AM					open top valve and start displacement
	5.5	170.0	20.0		
	5.5	170.0	40.0		
	5.5	170.0	60.0		
	5.5	370.0	80.0		increase in pressure
	5.0	680.0	100.0		
	3.5	700.0	110.0		
2:15 PM		1,400.0	110.5		plug down took pressure from 700 to 1450
					release pressure and float did hold

CREW**UNIT****SUMMARY**

Cementer:	M Brungardt	916	Average Rate	Average Pressure	Total Fluid
Pump Operator:	M McGraw	271	4.6 bpm	424 psi	623 bbls
Bulk #1:	K Julian	181/534			
Bulk #2:					



DRILL STEM TEST REPORT

Prepared For: **NEC Operating**

538 Silicon Dr
Southlake, TX 76092

ATTN: Keaton Jones

Gamble #2

8-23S-17W Pawnee,KS

Start Date: 2024.06.11 @ 06:30:00

End Date: 2024.06.11 @ 12:46:02

Job Ticket #: 71401 DST #: 1

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2024.06.17 @ 11:52:41



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

NEC Operating

538 Silicon Dr
Southlake, TX 76092

ATTN: Keaton Jones

8-23S-17W Pawnee, KS

Gamble #2

Job Ticket: 71401

DST#: 1

Test Start: 2024.06.11 @ 06:30:00

GENERAL INFORMATION:

Formation: **Cherokee**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 08:19:17

Time Test Ended: 12:46:02

Test Type: Conventional Bottom Hole (Initial)

Tester: Leal Cason

Unit No: 72

Interval: **4178.00 ft (KB) To 4240.00 ft (KB) (TVD)**

Total Depth: 4240.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2112.00 ft (KB)

2099.00 ft (CF)

KB to GR/CF: 13.00 ft

Serial #: **8322** Inside

Press@RunDepth: 41.78 psig @ 4222.00 ft (KB)

Start Date: 2024.06.11

End Date:

2024.06.11

Start Time: 06:30:01

End Time:

12:46:02

Capacity: psig

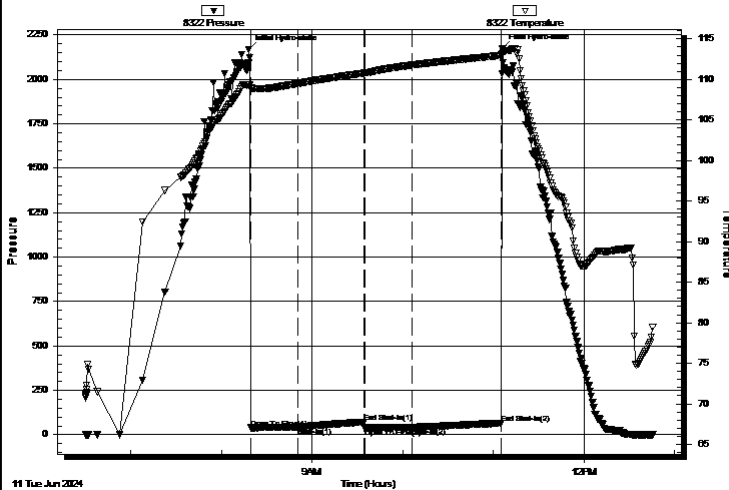
Last Calib.: 2024.06.11

Time On Btm: 2024.06.11 @ 08:18:02

Time Off Btm: 2024.06.11 @ 11:06:02

TEST COMMENT: IF: Weak 1" Blow , Died Off to .66"
IS: No Blow Back
FF: Weak 1.5" Blow , Died Off to .84"
FS: No Blow Back

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2168.19	109.32	Initial Hydro-static
2	39.23	108.81	Open To Flow (1)
33	43.16	109.49	Shut-In(1)
77	71.67	110.79	End Shut-In(1)
77	35.32	110.82	Open To Flow (2)
109	41.78	111.78	Shut-In(2)
167	66.19	112.99	End Shut-In(2)
168	2174.47	113.16	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
20.00	Mud	0.28

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
--	----------------	-----------------	------------------



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

NEC Operating

538 Silicon Dr
Southlake, TX 76092

ATTN: Keaton Jones

8-23S-17W Pawnee,KS

Gamble #2

Job Ticket: 71401

DST#: 1

Test Start: 2024.06.11 @ 06:30:00

GENERAL INFORMATION:

Formation: **Cherokee**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 08:19:17

Time Test Ended: 12:46:02

Test Type: Conventional Bottom Hole (Initial)

Tester: Leal Cason

Unit No: 72

Interval: 4178.00 ft (KB) To 4240.00 ft (KB) (TVD)

Total Depth: 4240.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2112.00 ft (KB)

2099.00 ft (CF)

KB to GR/CF: 13.00 ft

Serial #: 8159 Outside

Press@RunDepth: psig @ 4222.00 ft (KB)

Start Date: 2024.06.11

End Date:

2024.06.11

Start Time: 06:30:01

End Time:

12:46:02

Capacity: psig

Last Calib.:

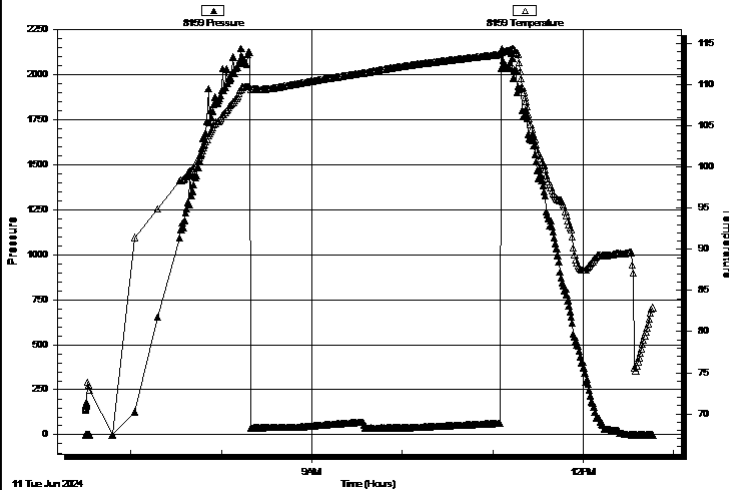
2024.06.11

Time On Btm:

Time Off Btm:

TEST COMMENT: IF: Weak 1" Blow , Died Off to .66"
IS: No Blow Back
FF: Weak 1.5" Blow , Died Off to .84"
FS: No Blow Back

Pressure vs. Time



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
20.00	Mud	0.28

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
--	----------------	-----------------	------------------



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

NEC Operating

8-23S-17W Pawnee,KS

538 Silicon Dr
Southlake, TX 76092

Gamble #2

Job Ticket: 71401

DST#: 1

ATTN: Keaton Jones

Test Start: 2024.06.11 @ 06:30:00

Tool Information

Drill Pipe:	Length:	4176.00 ft	Diameter:	3.80 inches	Volume:	58.58 bbl	Tool Weight:	2100.00 lb
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	0.00 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:	70000.00 lb
					Total Volume:	58.58 bbl	Tool Chased	ft
Drill Pipe Above KB:		27.00 ft					String Weight: Initial	60000.00 lb
Depth to Top Packer:		4178.00 ft					Final	60000.00 lb
Depth to Bottom Packer:		ft						
Interval between Packers:		62.00 ft						
Tool Length:		91.00 ft						
Number of Packers:		2	Diameter:	6.75 inches				
Tool Comments:								

Tool Description

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

Shut In Tool	5.00			4154.00		
Hydraulic tool	5.00			4159.00		
Jars	5.00			4164.00		
EM Tool	3.00			4167.00		
Safety Joint	2.00			4169.00		
Packer	5.00			4174.00	29.00	Bottom Of Top Packer
Packer	4.00			4178.00		
Stubb	1.00			4179.00		
Perforations	5.00			4184.00		
Change Over Sub	1.00			4185.00		
Drill Pipe	31.00			4216.00		
Change Over Sub	1.00			4217.00		
Handling Sub	5.00			4222.00		
Recorder	0.00	8322	Inside	4222.00		
Recorder	0.00	8159	Outside	4222.00		
perforations	15.00			4237.00		
Bullnose	3.00			4240.00	62.00	Bottom Packers & Anchor
Total Tool Length:	91.00					



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

NEC Operating

8-23S-17W Pawnee,KS

538 Silicon Dr
Southlake, TX 76092

Gamble #2

Job Ticket: 71401

DST#: 1

ATTN: Keaton Jones

Test Start: 2024.06.11 @ 06:30:00

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 50.00 sec/qt

Water Loss: 7.18 in³

Resistivity: ohm.m

Salinity: 5000.00 ppm

Filter Cake: 0.02 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
20.00	Mud	0.281

Total Length: 20.00 ft

Total Volume: 0.281 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 8322

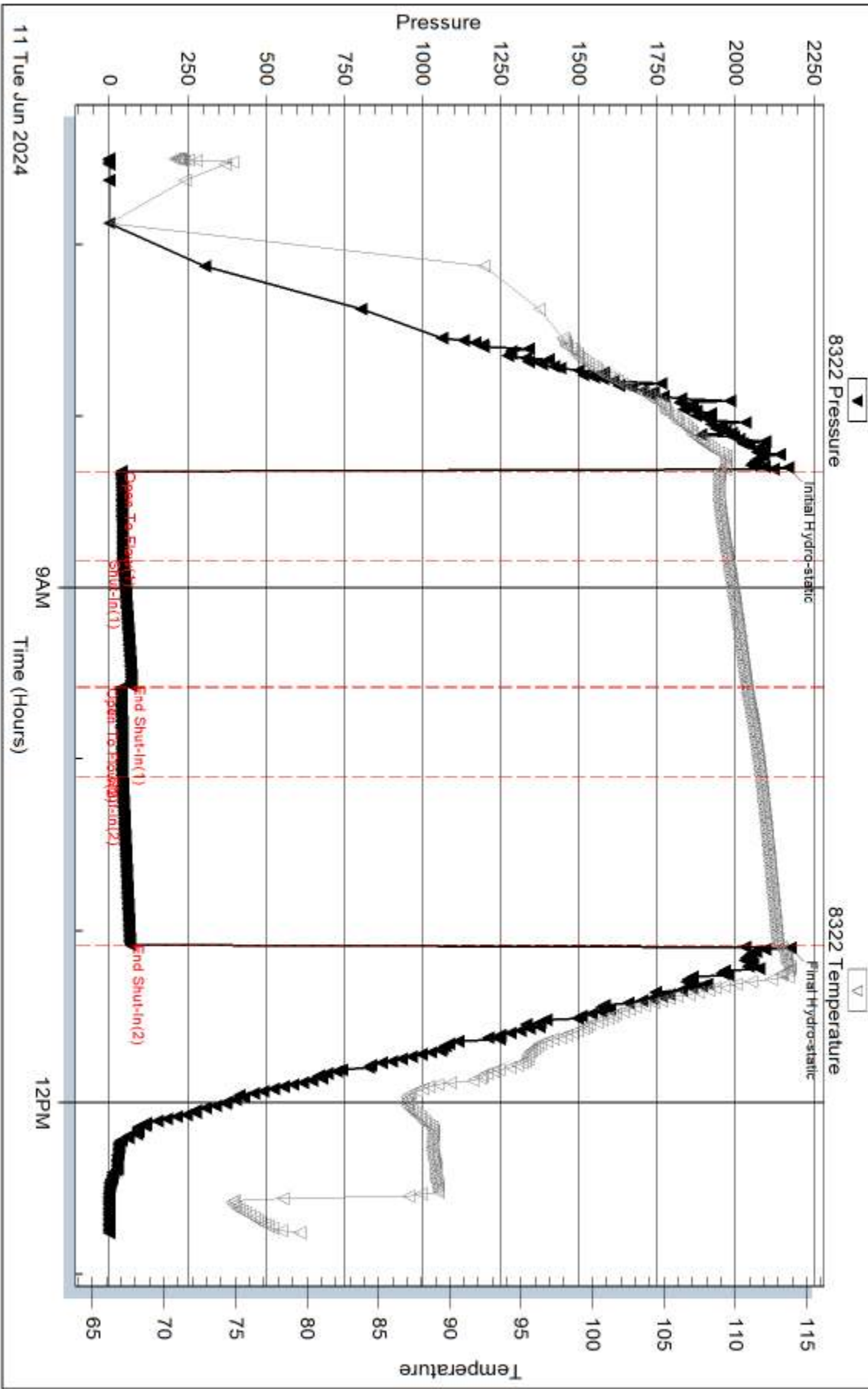
Inside

NEC Operating

Gamble #2

DST Test Number: 1

Pressure vs. Time

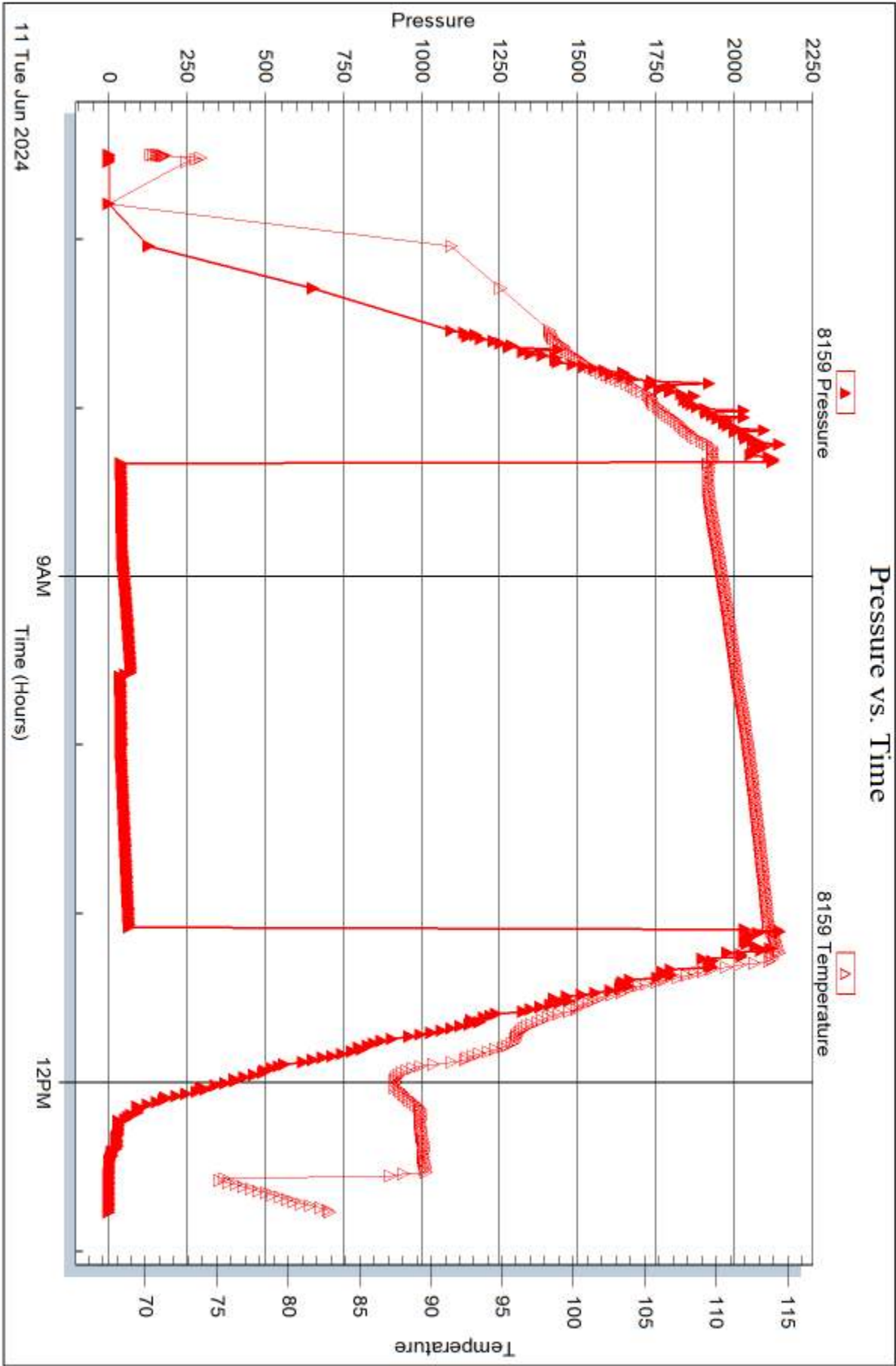


Serial #: 8159

Outside NEC Operating

Gamble #2

DST Test Number: 1





DRILL STEM TEST REPORT

Prepared For: **NEC Operating**

538 Silicon Dr
Southlake, TX 76092

ATTN: Keaton Jones

Gamble #2

8-23S-17W Pawnee,KS

Start Date: 2024.06.11 @ 18:30:00

End Date: 2024.06.12 @ 01:06:02

Job Ticket #: 71402 DST #: 2

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2024.06.17 @ 11:51:41



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

NEC Operating

8-23S-17W Pawnee, KS

538 Silicon Dr
Southlake, TX 76092

Gamble #2

Job Ticket: 71402

DST#: 2

ATTN: Keaton Jones

Test Start: 2024.06.11 @ 18:30:00

GENERAL INFORMATION:

Formation: **Mississippi**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 20:09:02

Time Test Ended: 01:06:02

Test Type: Conventional Bottom Hole (Reset)

Tester: Leal Cason

Unit No: 72

Interval: **4236.00 ft (KB) To 4268.00 ft (KB) (TVD)**

Total Depth: 4268.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2112.00 ft (KB)

2099.00 ft (CF)

KB to GR/CF: 13.00 ft

Serial #: **8322** Inside

Press@RunDepth: 32.18 psig @ 4242.00 ft (KB)

Start Date: 2024.06.11

End Date:

2024.06.12

Start Time: 18:30:01

End Time:

01:06:02

Capacity: psig

Last Calib.: 2024.06.12

Time On Btm: 2024.06.11 @ 20:07:32

Time Off Btm: 2024.06.11 @ 23:31:47

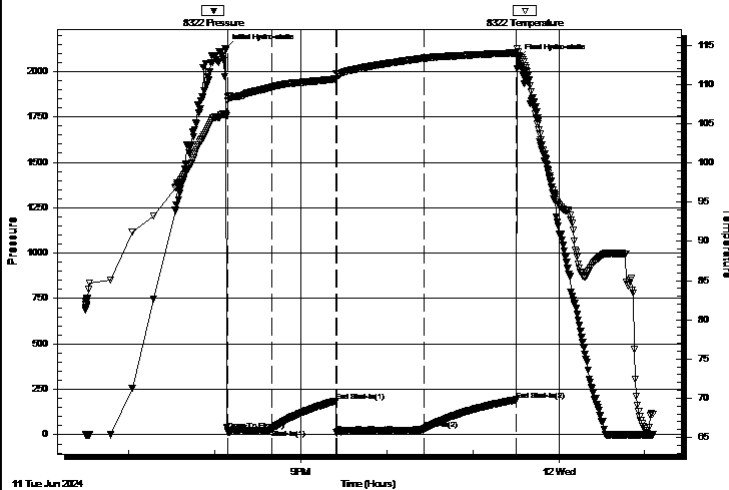
TEST COMMENT: IF: Strong Blow , BOB in 7 minutes, Built to 24.66"

IS: No Blow Back

FF: Strong Blow , BOB Immediate, BOB in 32.42"

FS: No Blow Back

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2127.16	106.22	Initial Hydro-static
2	25.70	107.96	Open To Flow (1)
33	31.88	109.66	Shut-In(1)
77	185.90	110.70	End Shut-In(1)
78	10.32	111.38	Open To Flow (2)
139	32.18	113.34	Shut-In(2)
203	192.98	114.06	End Shut-In(2)
205	2070.55	114.14	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	161' GIP	0.00
25.00	SGCM 6%G 94%M	0.35

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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* Recovery from multiple tests



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

NEC Operating

538 Silicon Dr
Southlake, TX 76092

ATTN: Keaton Jones

8-23S-17W Pawnee,KS

Gamble #2

Job Ticket: 71402

DST#: 2

Test Start: 2024.06.11 @ 18:30:00

GENERAL INFORMATION:

Formation: **Mississippi**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 20:09:02

Time Test Ended: 01:06:02

Test Type: Conventional Bottom Hole (Reset)

Tester: Leal Cason

Unit No: 72

Interval: 4236.00 ft (KB) To 4268.00 ft (KB) (TVD)

Total Depth: 4268.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2112.00 ft (KB)

2099.00 ft (CF)

KB to GR/CF: 13.00 ft

Serial #: 8159 Outside

Press@RunDepth: psig @ 4242.00 ft (KB)

Start Date: 2024.06.11

End Date:

2024.06.12

Start Time: 18:30:01

End Time:

01:06:02

Capacity: psig

Last Calib.:

2024.06.12

Time On Btm:

Time Off Btm:

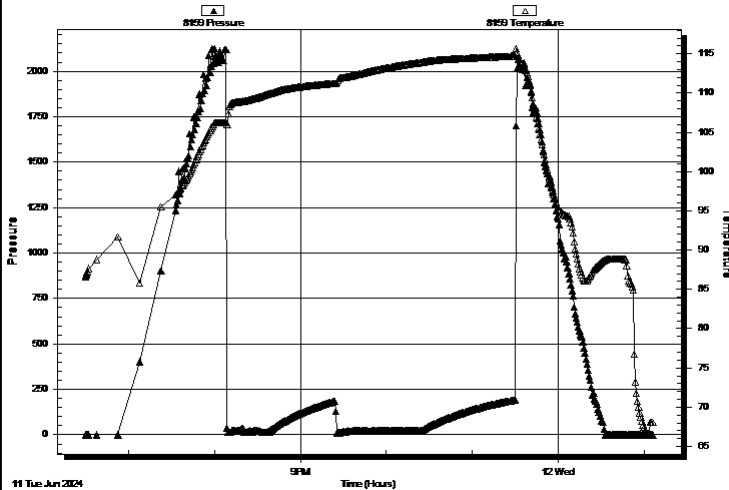
TEST COMMENT: IF: Strong Blow , BOB in 7 minutes, Built to 24.66"

IS: No Blow Back

FF: Strong Blow , BOB Immediate, BOB in 32.42"

FS: No Blow Back

Pressure vs. Time



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
0.00	161' GIP	0.00
25.00	SGCM 6%G 94%M	0.35

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
--	----------------	-----------------	------------------

* Recovery from multiple tests



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

NEC Operating

8-23S-17W Pawnee,KS

538 Silicon Dr
Southlake, TX 76092

Gamble #2

Job Ticket: 71402

DST#: 2

ATTN: Keaton Jones

Test Start: 2024.06.11 @ 18:30:00

Tool Information

Drill Pipe:	Length:	4238.00 ft	Diameter:	3.80 inches	Volume:	59.45 bbl	Tool Weight:	2100.00 lb
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	0.00 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:	70000.00 lb
					Total Volume:	59.45 bbl	Tool Chased	ft
Drill Pipe Above KB:		31.00 ft					String Weight: Initial	60000.00 lb
Depth to Top Packer:		4236.00 ft					Final	60000.00 lb
Depth to Bottom Packer:		ft						
Interval between Packers:		32.00 ft						
Tool Length:		61.00 ft						
Number of Packers:		2	Diameter:	6.75 inches				
Tool Comments:								

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Shut In Tool	5.00			4212.00	
Hydraulic tool	5.00			4217.00	
Jars	5.00			4222.00	
EM Tool	3.00			4225.00	
Safety Joint	2.00			4227.00	
Packer	5.00			4232.00	29.00 Bottom Of Top Packer
Packer	4.00			4236.00	
Stubb	1.00			4237.00	
Handling Sub	5.00			4242.00	
Recorder	0.00	8322	Inside	4242.00	
Recorder	0.00	8159	Outside	4242.00	
Perforations	23.00			4265.00	
Bullnose	3.00			4268.00	32.00 Bottom Packers & Anchor

Total Tool Length: 61.00



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

NEC Operating

8-23S-17W Pawnee,KS

538 Silicon Dr
Southlake, TX 76092

Gamble #2

Job Ticket: 71402

DST#: 2

ATTN: Keaton Jones

Test Start: 2024.06.11 @ 18:30:00

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 52.00 sec/qt

Water Loss: 8.77 in³

Resistivity: ohm.m

Salinity: 5000.00 ppm

Filter Cake: 0.02 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
0.00	161' GIP	0.000
25.00	SGCM 6%G 94%M	0.351

Total Length: 25.00 ft

Total Volume: 0.351 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 8322

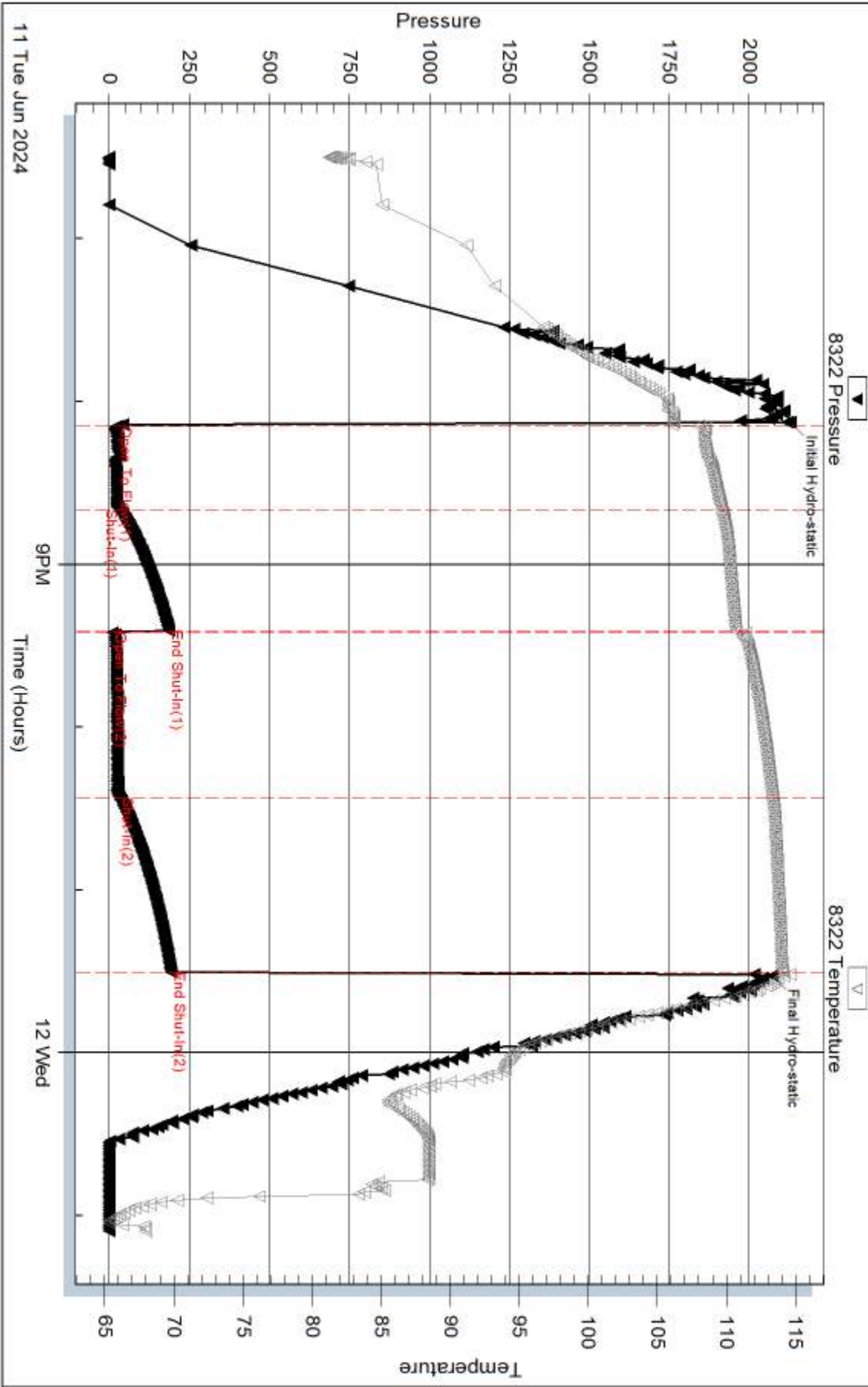
Inside

NEC Operating

Gamble #2

DST Test Number: 2

Pressure vs. Time

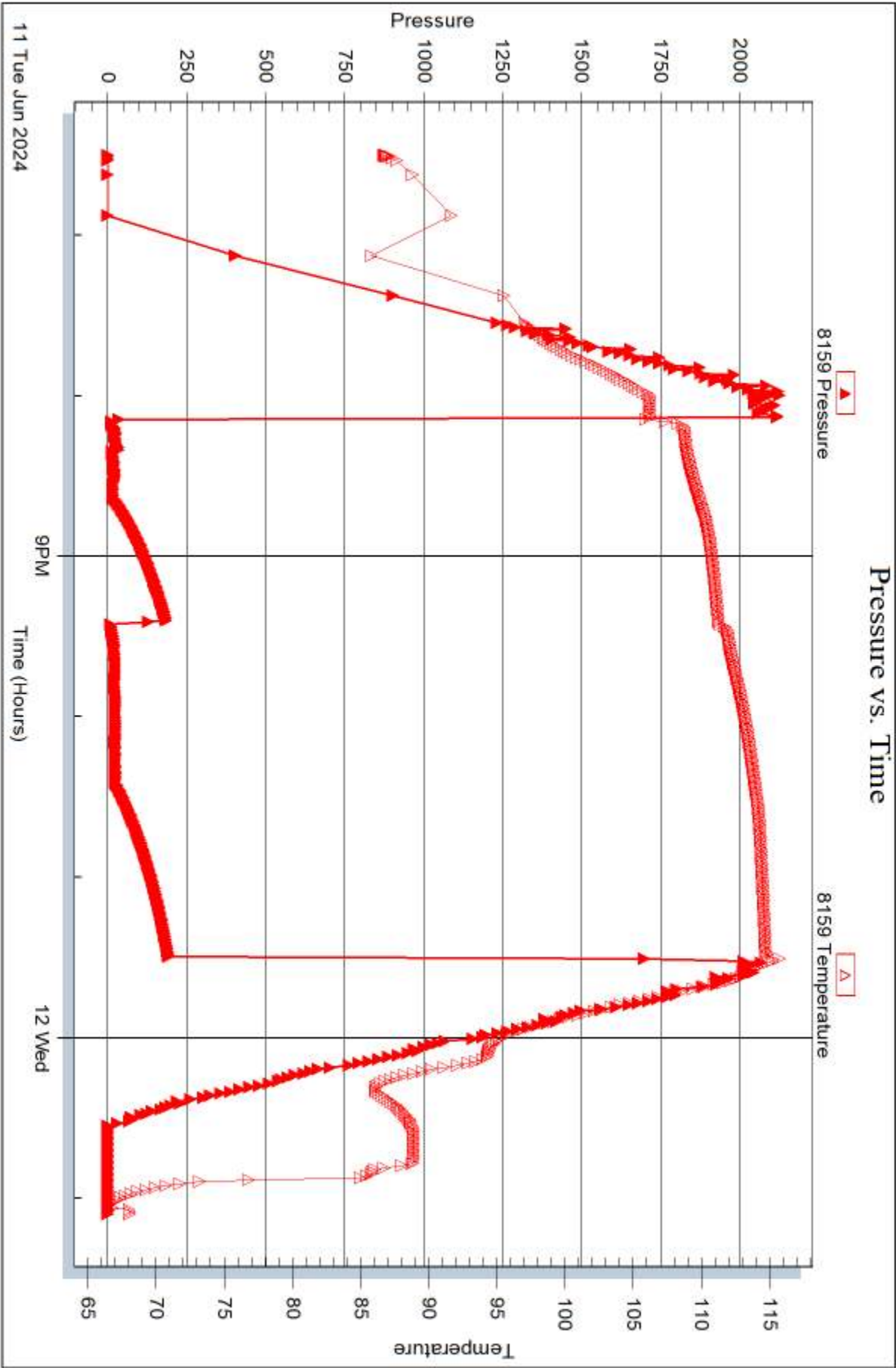


Serial #: 8159

Outside NEC Operating

Gamble #2

DST Test Number: 2





DRILL STEM TEST REPORT

Prepared For: **NEC Operating**

538 Silicon Dr
Southlake, TX 76092

ATTN: Keaton Jones

Gamble #2

8-23S-17W Pawnee,KS

Start Date: 2024.06.12 @ 08:58:00

End Date: 2024.06.12 @ 14:54:02

Job Ticket #: 71403 DST #: 3

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2024.06.17 @ 11:48:06



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

NEC Operating

538 Silicon Dr
Southlake, TX 76092

ATTN: Keaton Jones

8-23S-17W Pawnee, KS

Gamble #2

Job Ticket: 71403

DST#: 3

Test Start: 2024.06.12 @ 08:58:00

GENERAL INFORMATION:

Formation: **Misener**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 10:29:02

Time Test Ended: 14:54:02

Test Type: Conventional Bottom Hole (Reset)

Tester: Leal Cason

Unit No: 72

Interval: **4310.00 ft (KB) To 4325.00 ft (KB) (TVD)**

Total Depth: 4325.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2112.00 ft (KB)

2099.00 ft (CF)

KB to GR/CF: 13.00 ft

Serial #: **8322** Inside

Press@RunDepth: 21.39 psig @ 4316.00 ft (KB)

Start Date: 2024.06.12

End Date:

2024.06.12

Start Time: 08:58:01

End Time:

14:54:02

Capacity: psig

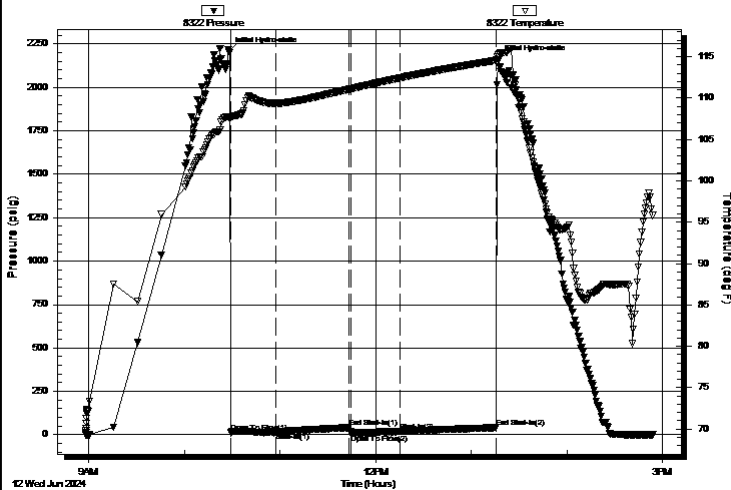
Last Calib.: 2024.06.12

Time On Btm: 2024.06.12 @ 10:27:47

Time Off Btm: 2024.06.12 @ 13:17:02

TEST COMMENT: IF: Weak Surface Blow
IS: No Blow Back
FF: Weak Surface Blow
FS: No Blow Back

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2204.83	107.70	Initial Hydro-static
2	12.12	107.66	Open To Flow (1)
30	14.78	109.36	Shut-In(1)
76	41.67	111.07	End Shut-In(1)
77	5.20	111.10	Open To Flow (2)
108	21.39	112.44	Shut-In(2)
168	41.48	114.60	End Shut-In(2)
170	2157.65	115.28	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	Mud	0.07

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
--	----------------	-----------------	------------------

* Recovery from multiple tests



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

NEC Operating

538 Silicon Dr
Southlake, TX 76092

ATTN: Keaton Jones

8-23S-17W Pawnee, KS

Gamble #2

Job Ticket: 71403

DST#: 3

Test Start: 2024.06.12 @ 08:58:00

GENERAL INFORMATION:

Formation: **Misener**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 10:29:02

Time Test Ended: 14:54:02

Test Type: Conventional Bottom Hole (Reset)

Tester: Leal Cason

Unit No: 72

Interval: 4310.00 ft (KB) To 4325.00 ft (KB) (TVD)

Total Depth: 4325.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2112.00 ft (KB)

2099.00 ft (CF)

KB to GR/CF: 13.00 ft

Serial #: 8159 Outside

Press@RunDepth: psig @ 4316.00 ft (KB)

Start Date: 2024.06.12

End Date:

2024.06.12

Start Time: 08:58:01

End Time:

14:54:02

Capacity: psig

Last Calib.:

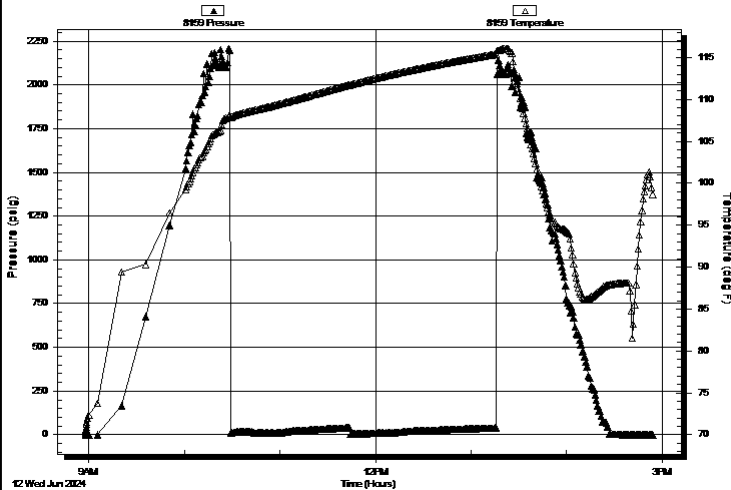
2024.06.12

Time On Btm:

Time Off Btm:

TEST COMMENT: IF: Weak Surface Blow
IS: No Blow Back
FF: Weak Surface Blow
FS: No Blow Back

Pressure vs. Time



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
5.00	Mud	0.07

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
--	----------------	-----------------	------------------

* Recovery from multiple tests



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

NEC Operating

8-23S-17W Pawnee,KS

538 Silicon Dr
Southlake, TX 76092

Gamble #2

Job Ticket: 71403

DST#: 3

ATTN: Keaton Jones

Test Start: 2024.06.12 @ 08:58:00

Tool Information

Drill Pipe:	Length:	4302.00 ft	Diameter:	3.80 inches	Volume:	60.35 bbl	Tool Weight:	2100.00 lb
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	0.00 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:	75000.00 lb
					Total Volume:	60.35 bbl	Tool Chased	ft
Drill Pipe Above KB:		21.00 ft					String Weight: Initial	60000.00 lb
Depth to Top Packer:		4310.00 ft					Final	60000.00 lb
Depth to Bottom Packer:		ft						
Interval between Packers:		15.00 ft						
Tool Length:		44.00 ft						
Number of Packers:		2	Diameter:	6.75 inches				
Tool Comments:								

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Shut In Tool	5.00			4286.00	
Hydraulic tool	5.00			4291.00	
Jars	5.00			4296.00	
EM Tool	3.00			4299.00	
Safety Joint	2.00			4301.00	
Packer	5.00			4306.00	29.00 Bottom Of Top Packer
Packer	4.00			4310.00	
Stubb	1.00			4311.00	
Handling Sub	5.00			4316.00	
Recorder	0.00	8322	Inside	4316.00	
Recorder	0.00	8159	Outside	4316.00	
Perforations	6.00			4322.00	
Bullnose	3.00			4325.00	15.00 Bottom Packers & Anchor

Total Tool Length: 44.00



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

NEC Operating

8-23S-17W Pawnee,KS

538 Silicon Dr
Southlake, TX 76092

Gamble #2

Job Ticket: 71403

DST#: 3

ATTN: Keaton Jones

Test Start: 2024.06.12 @ 08:58:00

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 52.00 sec/qt

Water Loss: 8.79 in³

Resistivity: ohm.m

Salinity: 5000.00 ppm

Filter Cake: 0.02 inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

Oil API:

Water Salinity:

deg API

ppm

ft

bbl

psig

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	Mud	0.070

Total Length: 5.00 ft

Total Volume: 0.070 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 8322

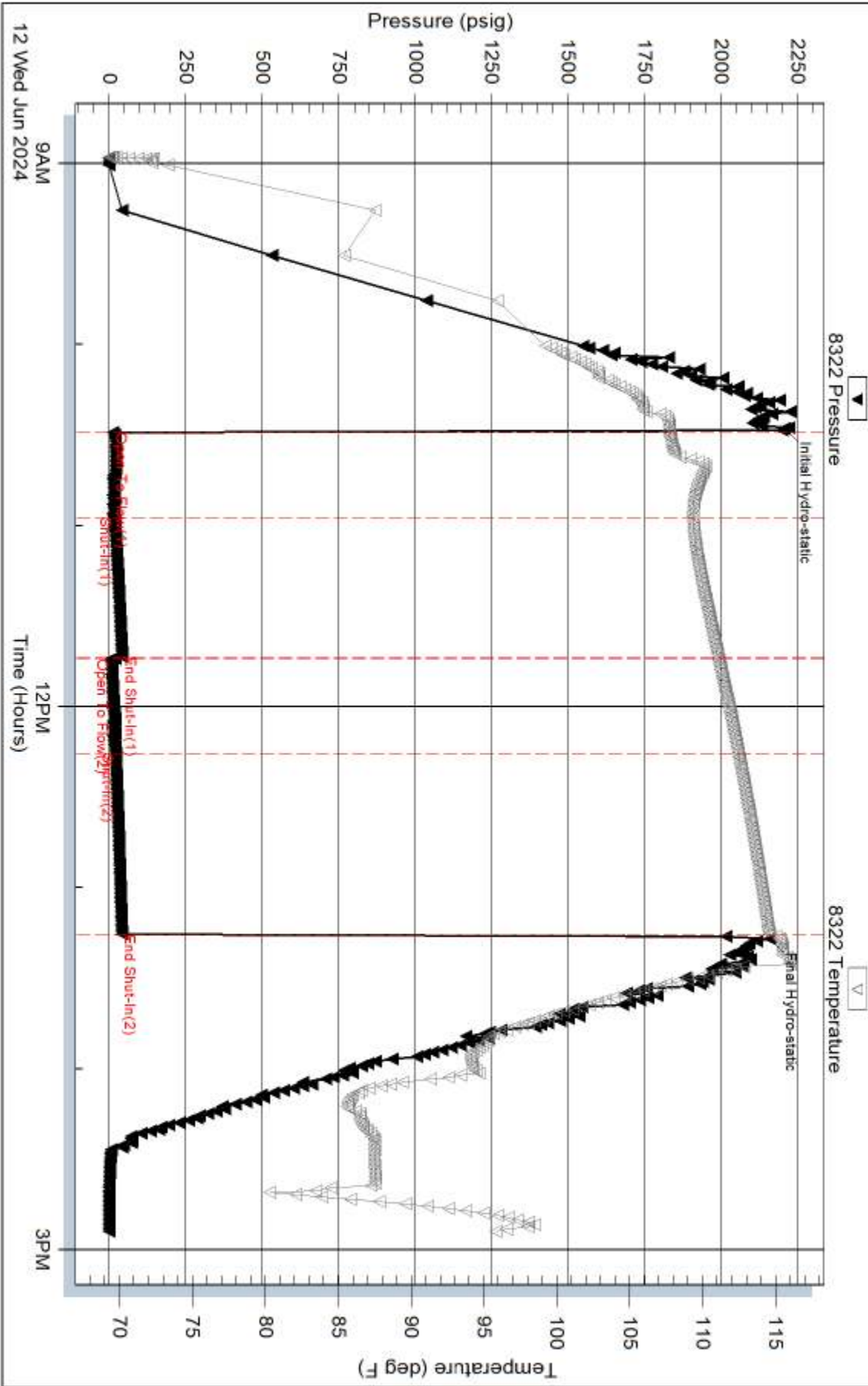
Inside

NEC Operating

Gamble #2

DST Test Number: 3

Pressure vs. Time

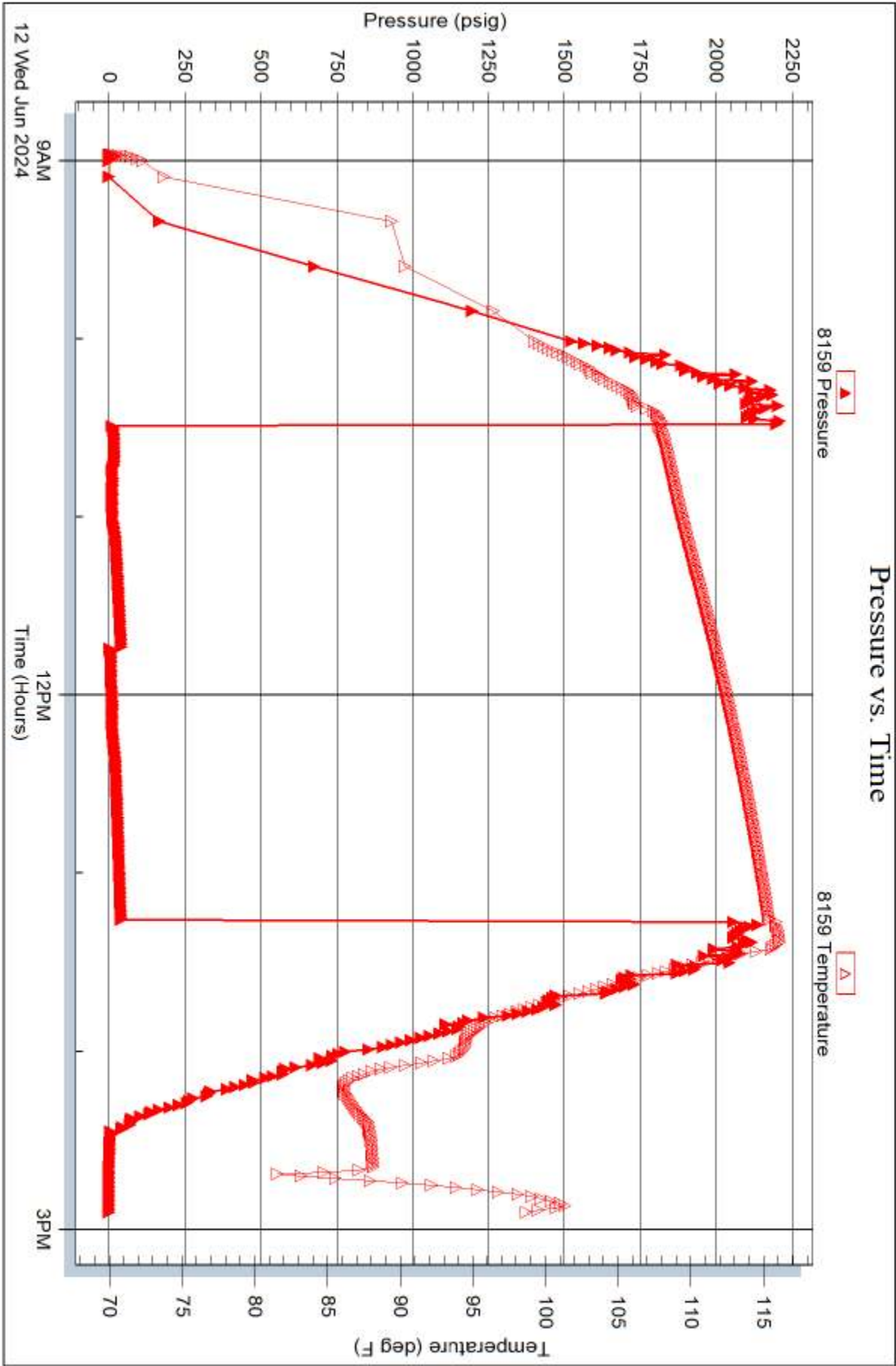


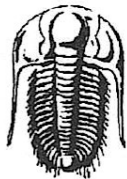
Serial #: 8159

Outside NEC Operating

Gamble #2

DST Test Number: 3





TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. **71401**

Well Name & No. Gamble 2 Test No. 1 Date 06/11/24
Company NEC operating Elevation 2112 KB 2099 GL
Address 538 Silicon Dr Southlake, TX 76092
Co. Rep / Geo Keaton Jones Rig Duke 7
Location: Sec. 8 Twp 23S Rge. 17W Co. Pawnee State KS

Interval Tested 4178 - 4240 Zone Tested Cherokee
Anchor Length 62 Drill Pipe Run 4176 Mud Wt. 8.9
Top Packer Depth 4173 Drill Collars Run 0 Vis 50
Bottom Packer Depth 4178 Wt. Pipe Run 0 WL 72
Total Depth 4240 Chlorides 5000 ppm System LCM 2

Blow Description IF: weak 1" Blow, Died off to .66"

ISI: NO Blow Back

FF: weak 1.5" Blow, Died off to .84"

FST: NO Blow Back

Rec	Feet of	%gas	%oil	%water	%mud
<u>20</u>	<u>mud</u>				

Rec Total 20 BHT 113 Gravity N/C API RW N/C @ N/C °F Chlorides N/C ppm

Initial Hydrostatic 2168 ☒ Test 1950 ☐ Ruined Shale Packer

Initial Flow 39 to 43 ☒ Jars 300 ☐ Ruined Packer

Initial Shut-In 72 ☐ Circ Sub ☐ Hotel

Final Flow 35 to 42 ☐ Hourly Standby ☐ EM Tool Successful

Final Shut-In 66 ☒ Mileage 110 192.50 ☐ Accessibility

Final Hydrostatic 2174 ☐ Sampler ☐ Gas Sample

T- On Location 04:45 ☐ Straddle ☐ Oversized Hole

Initial Flow 30 T-Started 06:30 ☐ Shale Packer ☐ Sub Total 0

Initial Shut-In 45 T-Open 07:19 ☐ Extra Packer ☐ Total 2442.50

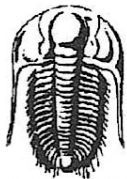
Final Flow 30 T-Pulled 11:05 ☐ Extra Recorder ☐ Tool Loaded @

Final Shut-In 60 T-Out 12:46 ☐ Day Standby ☐ MP/DST Disc't

Comments

Approved By _____ Our Representative [Signature]

TriLOBITE Testing Inc. shall not be liable for damage of any kind of 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.



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. **71402**

Well Name & No. Gamble 2 Test No. 2 Date 06/11/24
 Company NEC Operating Elevation 2112 KB 2099 GL
 Address 538 Silicon Dr Southlake, TX 76092
 Co. Rep / Geo Keaton Jones Rig Duke 7
 Location: Sec. 8 Twp 23S Rge. 17W Co. Pawnee State KS

Interval Tested 4236 - 4268 Zone Tested Mississippi
 Anchor Length 32 Drill Pipe Run 4238 Mud Wt. 9.3
 Top Packer Depth 4231 Drill Collars Run 0 Vis 52
 Bottom Packer Depth 4236 Wt. Pipe Run 0 WL 8.8
 Total Depth 4268 Chlorides 5060 ppm System LCM 2

Blow Description IF: Strong Blow, BOB in 7 minutes. Built to 24.66"

ISI: NO BLOW BACK

FF: Strong Blow, BOB immediate, Built to 32.42"

ESI: NO BLOW BACK

Rec <u>161</u>	Feet of <u>GFP</u>	%gas	%oil	%water	%mud
Rec <u>25</u>	Feet of <u>SGCM</u>	6 %gas	%oil	%water	94 %mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 25 BHT 115 Gravity NIC API RW NIC @ NIC F Chlorides NIC ppm

Initial Hydrostatic 2127 ☒ Test 1950 ☐ Ruined Shale Packer

Initial Flow 26 to 32 ☒ Jars 300 ☐ Ruined Packer

Initial Shut-In 186 ☐ Circ Sub ☐ Hotel

Final Flow 10 to 32 ☐ Hourly Standby ☐ EM Tool Successful

Final Shut-In 193 ☒ Mileage 1102 192.50 ☐ Accessibility

Final Hydrostatic 2070 ☐ Sampler ☐ Gas Sample

T- On Location 18:15 ☐ Straddle ☐ Oversized Hole

Initial Flow 30 T-Started 18:30 ☐ Shale Packer ☐ Sub Total 0

Initial Shut-In 45 T-Open 20:09 ☐ Extra Packer ☐ Total 2442.50

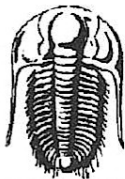
Final Flow 60 T-Pulled 23:30 ☐ Extra Recorder ☐ Tool Loaded @

Final Shut-In 60 T-Out 01:06 ☐ Day Standby ☐ MP/DST Disc't

Comments

Approved By _____ Our Representative [Signature]

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TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 71403

Well Name & No. Gambler 2 Test No. 3 Date 06/12/24
Company NEC Operating Elevation 2112 KB 2099 GL
Address 538 Silicon Dr Southlake, TX 76092
Co. Rep / Geo Kenton Jones Rig Duke 7
Location: Sec. 8 Twp 23S Rge. 17W Co. Pawnee State KS

Interval Tested 4310 - 4325 Zone Tested Misener
Anchor Length 15 Drill Pipe Run 4302 Mud Wt. 9.3
Top Packer Depth 4305 Drill Collars Run 0 Vis 52
Bottom Packer Depth 4310 Wt. Pipe Run 0 WL 8.8
Total Depth 4325 Chlorides 5000 ppm System LCM 2

Blow Description IF: Weak Surface Blow

IF: NO BLOW BACK

FF: Weak Surface Blow

FF: NO BLOW BACK

Rec. <u>5</u>	Feet of <u>mud</u>	%gas	%oil	%water	%mud
Rec. _____	Feet of _____	%gas	%oil	%water	%mud
Rec. _____	Feet of _____	%gas	%oil	%water	%mud
Rec. _____	Feet of _____	%gas	%oil	%water	%mud
Rec. _____	Feet of _____	%gas	%oil	%water	%mud
Rec. _____	Feet of _____	%gas	%oil	%water	%mud
Rec. _____	Feet of _____	%gas	%oil	%water	%mud

Rec Total 5 BHT 116 Gravity NIC API RW NIC @ NIC °F Chlorides NIC ppm

Initial Hydrostatic 2205 ☒ Test 1950 ☐ Ruined Shale Packer
Initial Flow 12 to 15 ☒ Jars 300 ☐ Ruined Packer
Initial Shut-In 42 ☐ Circ Sub ☐ Hotel
Final Flow 5 to 21 ☐ Hourly Standby ☐ EM Tool Successful
Final Shut-In 41 ☒ Mileage 110 192.50 ☐ Accessibility
Final Hydrostatic 2158 ☐ Sampler ☐ Gas Sample
T-On Location 08:30 ☐ Straddle ☐ Oversized Hole
Initial Flow 30 T-Started 08:58 ☐ Shale Packer ☐ Sub Total 0
Initial Shut-In 45 T-Open 10:29 ☐ Extra Packer ☐ Total 2442.50
Final Flow 30 T-Pulled 13:15 ☐ Extra Recorder ☒ Tool Loaded 06/13 @ 14:30
Final Shut-In 60 T-Out 14:54 ☐ Day Standby ☐ MP/DST Disc't

Comments _____

Approved By _____ Our Representative [Signature]

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