

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) (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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ANKS Oilfield Service

815 Main Street Victoria, KS 67671

◆ 24 Hour Phone (785) 639-7269

◆ Office Phone (785) 639-3949

◆ Email: franksoilfield@yahoo.com

TICKET NUMBER

1284

LOCATION

Victoria

FOREMAN

Tom W

FIELD TICKET & TREATMENT REPORT CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
7-21-21		Suppes		17	22 W	Ness
CUSTOMER Sangwire Resources LLC			TRUCK #			
MAILING ADDRESS			DRIVER			
CITY			TRUCK #			
STATE			DRIVER			
ZIP CODE						

JOB TYPE Surface HOLE SIZE 12 1/4 HOLE DEPTH 226 CASING SIZE & WEIGHT 8 5/8
 CASING DEPTH 226 DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT _____ SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING _____
 DISPLACEMENT _____ DISPLACEMENT PSI _____ MIX PSI _____ RATE _____

REMARKS: Safety Meeting, Set upon Double D; circulate mix
mix 150 ~~gk~~ surface cement, displaced 13.5 BBL, shut in after circulating
good cement

Cement did circulate

Thanks, Tom & Corner

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
PL002	1	PUMP CHARGE <u>Surface</u>	\$1150.00	\$1150.00
M001	53	MILEAGE	\$12.50	\$344.50
M002	7.35 tons	<u>Ton D</u>	1	\$600.00
CB004	150 gk	<u>Class A 3/ice 21.gel</u>	\$25.50	\$3,825.00
			sub total	\$5919.50
			less 5% disc.	\$295.98
			sub total	\$5623.52
			SALES TAX	236.19
			ESTIMATED TOTAL	5859.71

AUTHORIZATION

Bradford B. Hill

TITLE

DATE

ANKS Oilfield Service

ain Street Victoria, KS 67671 ♦ 24 Hour Phone (785) 639-7269
 Phone (785) 639-3949 ♦ Email: franksoilfield@yahoo.com

TICKET NUMBER 1291
 LOCATION Hoxie
 FOREMAN Jack

FIELD TICKET & TREATMENT REPORT CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
7-27	36107	Supers #1-14	14	17	22	Ness
CUSTOMER Sangline Resources, LLC			TRUCK #			
MAILING ADDRESS 2104 E 29th Street			DRIVER			
CITY Hays			TRUCK #			
STATE KS			DRIVER			
ZIP CODE 67601			TRUCK #			
			DRIVER			

JOB TYPE PTA HOLE SIZE _____ HOLE DEPTH _____ CASING SIZE & WEIGHT _____
 CASING DEPTH _____ DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT 138' SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING _____
 DISPLACEMENT _____ DISPLACEMENT PSI _____ MIX PSI _____ RATE _____

REMARKS: Safety meeting on DR. Set up & plugged as ordered.
1) 1100' 50SK
2) 800' 80SK
3) 400' 40SK
4) 60' 20SK MH 20SK RH 30SK
290SK total
 Thank you.

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
PC005	1	PUMP CHARGE <u>PTA</u>	\$1500 ⁰⁰	\$1500 ⁰⁰
M001	91	MILEAGE	\$1.00	\$91.00
M002	12.96 tons	ton mileage delivery	\$1760 ⁸⁵	\$2260 ⁸⁵
CB010	290SK	Class A 60/40 4 5/8 gal 1/4" # Flo Seal.	\$17 ³⁵	\$5031 ⁵⁰
FD055	1	8 3/4" ... cement plug	\$165 ⁰⁰	\$165 ⁰⁰
			sub total	\$7048 ⁸⁵
			less 5% disc	\$452 ⁴⁴
			sub total	\$8,596 ⁴¹
			SALES TAX	320.88
			ESTIMATED TOTAL	8917.29

AUTHORIZATION [Signature] TITLE _____ DATE 7-27-29

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form.



DRILL STEM TEST REPORT

Prepared For: **Sanguine Resources LLC.**

2604 E 23rd Street
Hays KS. 67601

ATTN: Sean Deenihan

Suppes #1-14

14-17S-22W Ness,KS

Start Date: 2024.07.26 @ 05:39:00

End Date: 2024.07.26 @ 05:39:00

Job Ticket #: 72203 DST #: 1

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

Printed: 2024.07.30 @ 17:03:41



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Sanguine Resources LLC.

14-17S-22W Ness,KS

2604 E 23rd Street
Hays KS. 67601

Suppes #1-14

Job Ticket: 72203

DST#: 1

ATTN: Sean Deenihan

Test Start: 2024.07.26 @ 05:39:00

GENERAL INFORMATION:

Formation: **Mississippi**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 07:41:45

Time Test Ended: 05:39:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Brad/Spencer

Unit No: 84

Interval: 4238.00 ft (KB) To 4325.00 ft (KB) (TVD)

Reference Elevations: 2312.00 ft (KB)

Total Depth: 4325.00 ft (KB) (TVD)

2304.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

Serial #: 8651

Inside

Press@RunDepth: 33.53 psig @ 4242.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2024.07.26

End Date:

2024.07.26

Last Calib.:

2024.07.26

Start Time: 05:39:01

End Time:

11:11:00

Time On Btm:

2024.07.26 @ 07:41:15

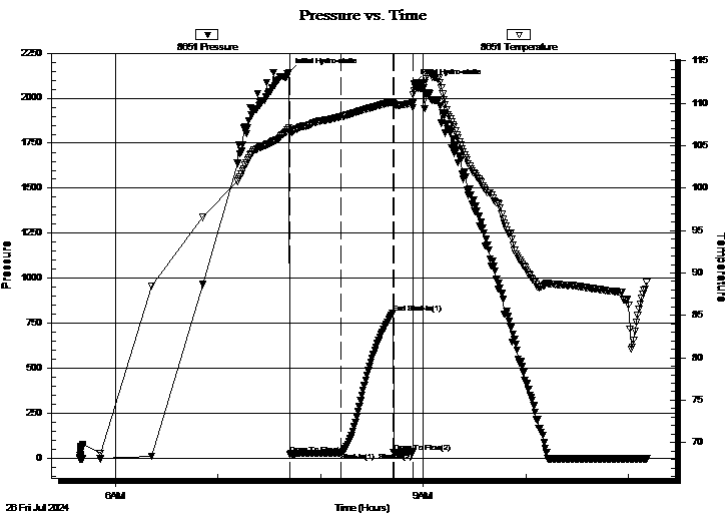
Time Off Btm:

2024.07.26 @ 08:54:45

TEST COMMENT: 30 Min IF Weak Surface Blow . Built to 8'

30 ISI No Return

15 Min FF No Blow .



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2142.85	107.11	Initial Hydro-static
1	25.28	106.50	Open To Flow (1)
31	33.53	108.44	Shut-In(1)
61	807.02	110.17	End Shut-In(1)
62	36.58	109.72	Open To Flow (2)
73	36.39	110.04	Shut-In(2)
74	2081.35	111.45	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
20.00	GSOCM 2%G 3%O 95%M	0.10

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (MMcf/d)



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Sanguine Resources LLC.

14-17S-22W Ness,KS

2604 E 23rd Street
Hays KS. 67601

Suppes #1-14

Job Ticket: 72203

DST#: 1

ATTN: Sean Deenihan

Test Start: 2024.07.26 @ 05:39:00

Tool Information

Drill Pipe:	Length: 4190.00 ft	Diameter: 3.80 inches	Volume: 58.77 bbl	Tool Weight:	2500.00 daN
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 3.25 inches	Volume: 0.00 bbl	Weight set on Packer:	25000.00 daN
Drill Collar:	Length: 30.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose:	110000.0 daN
			<u>Total Volume: 58.92 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	9.00 ft			String Weight: Initial	71000.00 daN
Depth to Top Packer:	4238.00 ft			Final	71000.00 daN
Depth to Bottom Packer:	ft				
Interval between Packers:	87.00 ft				
Tool Length:	114.00 ft				
Number of Packers:	2	Diameter: 6.75 inches			
Tool Comments:					

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4212.00	
Shut In Tool	5.00			4217.00	
Hydraulic tool	5.00			4222.00	
gap sub	4.00			4226.00	
Safety Joint	3.00			4229.00	
Packer	5.00			4234.00	27.00 Bottom Of Top Packer
Packer	4.00			4238.00	
Stubb	1.00			4239.00	
Perforations	2.00			4241.00	
Change Over Sub	1.00			4242.00	
Recorder	0.00	8651	Inside	4242.00	
Recorder	0.00	8650	Inside	4242.00	
Drill Pipe	64.00			4306.00	
Change Over Sub	1.00			4307.00	
Perforations	15.00			4322.00	
Bullnose	3.00			4325.00	87.00 Bottom Packers & Anchor
Total Tool Length:	114.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Sanguine Resources LLC.

14-17S-22W Ness,KS

2604 E 23rd Street
Hays KS. 67601

Suppes #1-14

Job Ticket: 72203

DST#: 1

ATTN: Sean Deenihan

Test Start: 2024.07.26 @ 05:39:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 63.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.58 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 7200.00 ppm

Filter Cake: 4.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
20.00	GSOCM 2%G 3%O 95%M	0.098

Total Length: 20.00 ft Total Volume: 0.098 bbl

Num Fluid Samples: 0

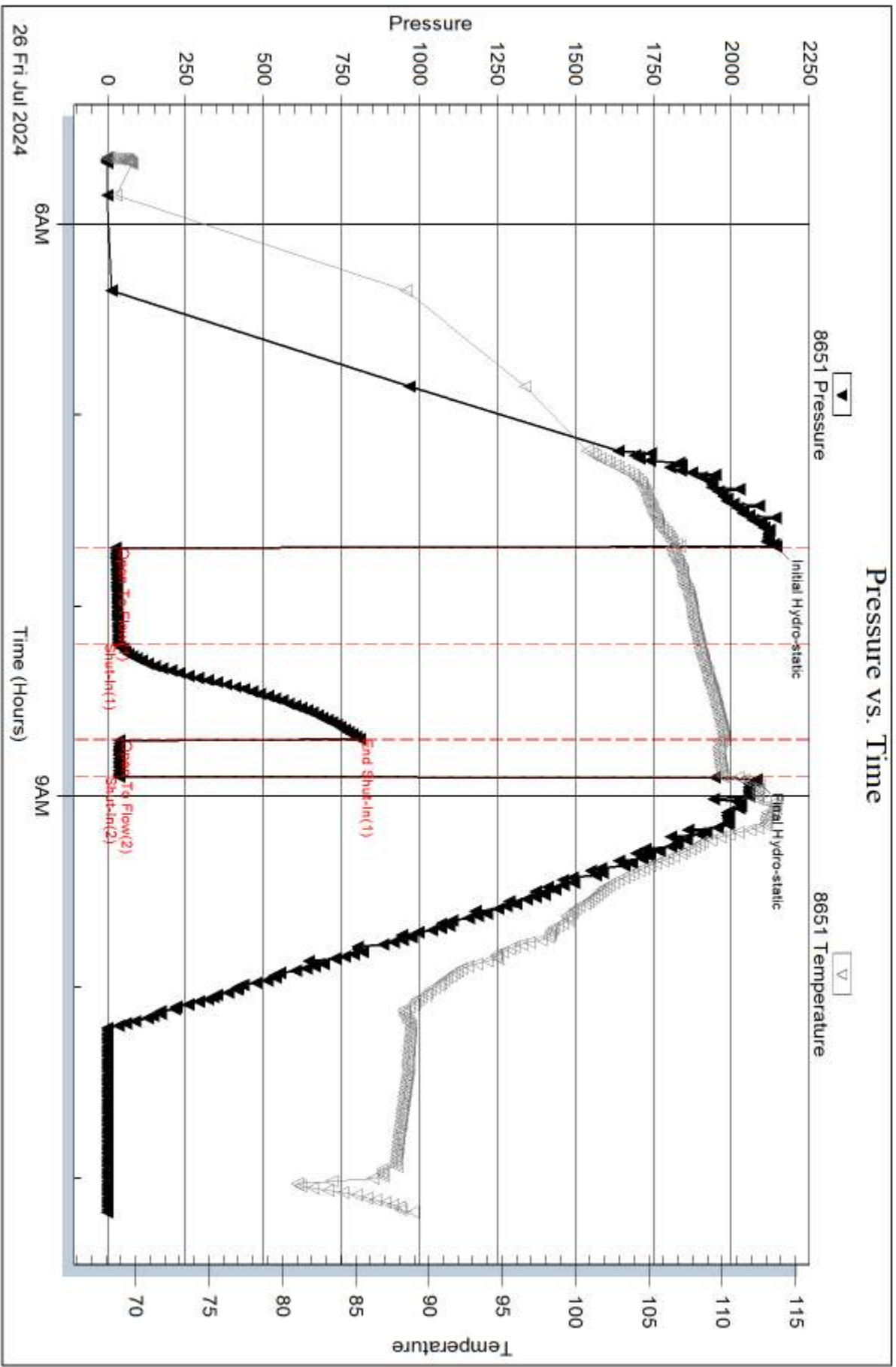
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



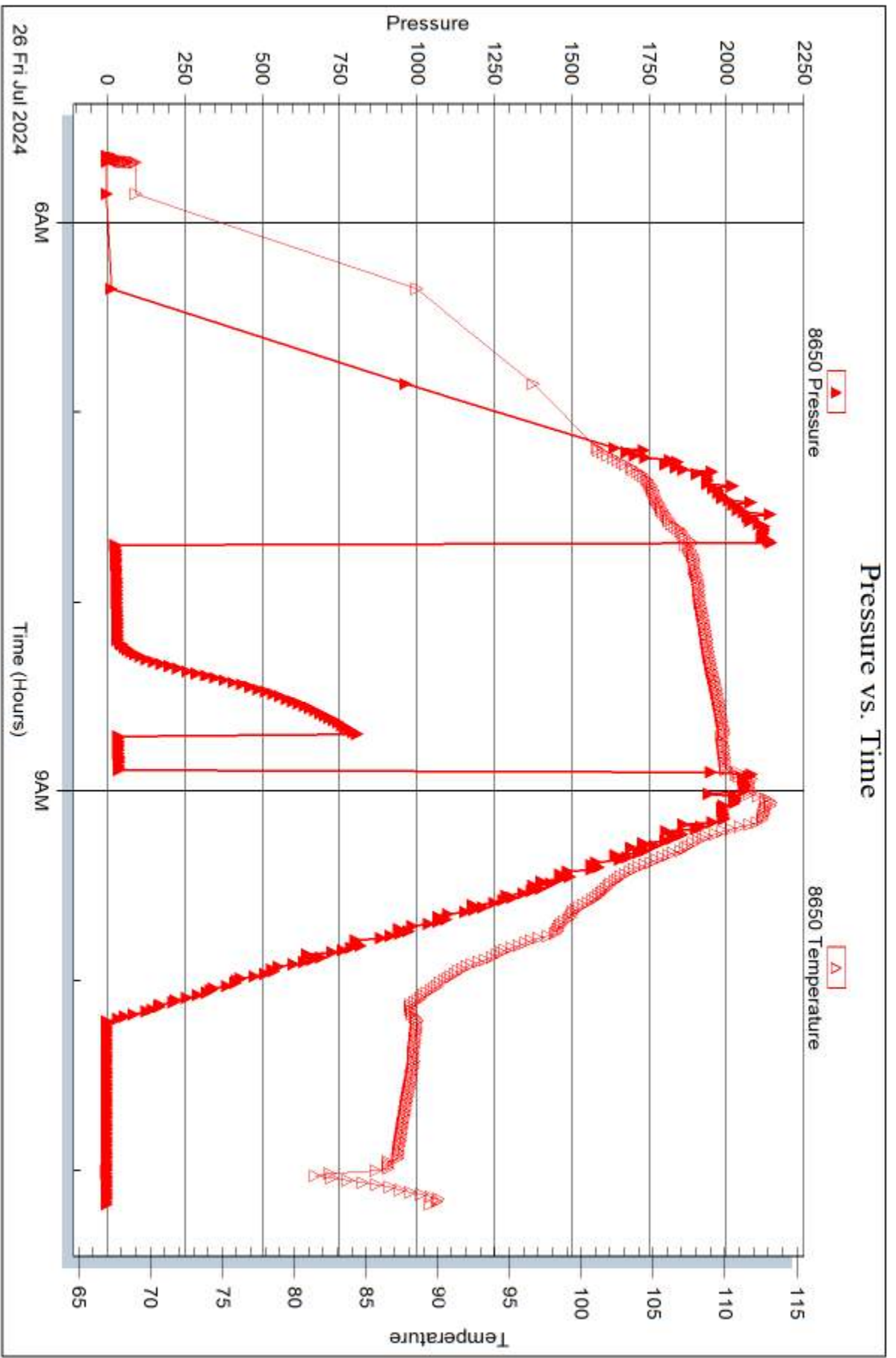
Serial #: 8650

Inside

Sanguine Resources LLC.

Supps #1-14

DST Test Number: 1





DRILL STEM TEST REPORT

Prepared For: **Sanguine Resources LLC.**

2604 E 23rd Street
Hays KS. 67601

ATTN: Sean Deenihan

Suppes #1-14

14-17S-22W Ness,KS

Start Date: 2024.07.26 @ 16:40:00

End Date: 2024.07.26 @ 22:43:15

Job Ticket #: 72204 DST #: 2

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

Printed: 2024.07.30 @ 08:41:20



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Sanguine Resources LLC.

14-17S-22W Ness,KS

2604 E 23rd Street
Hays KS. 67601

Suppes #1-14

Job Ticket: 72204

DST#: 2

ATTN: Sean Deenihan

Test Start: 2024.07.26 @ 16:40:00

GENERAL INFORMATION:

Formation: **Mississippi**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 18:25:45

Time Test Ended: 22:43:15

Test Type: Conventional Bottom Hole (Reset)

Tester: Brad/Spencer

Unit No: 84

Interval: 4323.00 ft (KB) To 4335.00 ft (KB) (TVD)

Reference Elevations: 2312.00 ft (KB)

Total Depth: 4335.00 ft (KB) (TVD)

2304.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

Serial #: 8651 Inside

Press@RunDepth: 76.62 psig @ 4324.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2024.07.26 End Date: 2024.07.26

Last Calib.: 2024.07.26

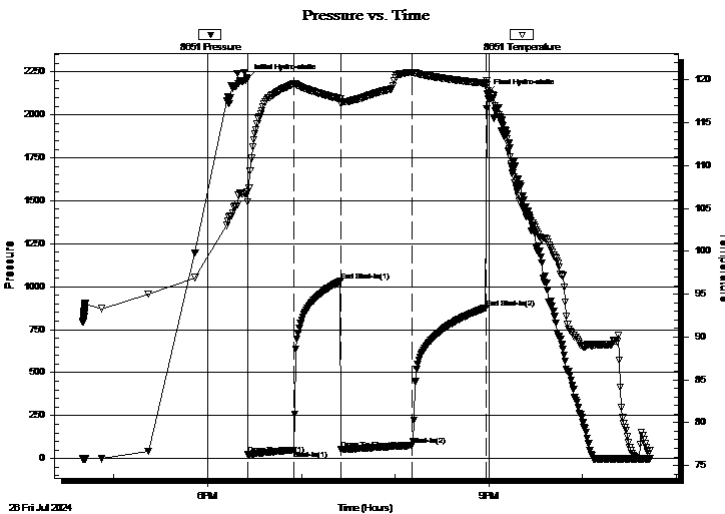
Start Time: 16:40:01 End Time: 22:43:15

Time On Btm: 2024.07.26 @ 18:25:30

Time Off Btm: 2024.07.26 @ 20:59:00

TEST COMMENT: 30 Min IF Surface Blow Built to 5.5in
30 Min ISI No Return
45 Min FF Weak Surface blow .
45 Min FSI No Return.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2208.77	106.97	Initial Hydro-static
1	22.34	105.77	Open To Flow (1)
30	49.92	119.54	Shut-In(1)
60	1032.24	117.80	End Shut-In(1)
60	53.09	117.19	Open To Flow (2)
106	76.62	120.88	Shut-In(2)
153	877.65	119.62	End Shut-In(2)
154	2123.96	119.45	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
150.00	MW 35% M 65%W	1.83

* Recovery from multiple tests

Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (MMcf/d)



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Sanguine Resources LLC.

14-17S-22W Ness,KS

2604 E 23rd Street
Hays KS. 67601

Suppes #1-14

Job Ticket: 72204

DST#: 2

ATTN: Sean Deenihan

Test Start: 2024.07.26 @ 16:40:00

Tool Information

Drill Pipe:	Length: 4286.00 ft	Diameter: 3.80 inches	Volume: 60.12 bbl	Tool Weight:	2500.00 daN
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 3.25 inches	Volume: 0.00 bbl	Weight set on Packer:	25000.00 daN
Drill Collar:	Length: 30.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose:	80000.00 daN
			<u>Total Volume: 60.27 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	20.00 ft			String Weight: Initial	72000.00 daN
Depth to Top Packer:	4323.00 ft			Final	73000.00 daN
Depth to Bottom Packer:	ft				
Interval between Packers:	12.00 ft				
Tool Length:	39.00 ft				
Number of Packers:	2	Diameter: 6.75 inches			

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4297.00	
Shut In Tool	5.00			4302.00	
Hydraulic tool	5.00			4307.00	
gap sub	4.00			4311.00	
Safety Joint	3.00			4314.00	
Packer	5.00			4319.00	27.00 Bottom Of Top Packer
Packer	4.00			4323.00	
Stubb	1.00			4324.00	
Recorder	0.00	8651	Inside	4324.00	
Recorder	0.00	8650	Inside	4324.00	
Perforations	8.00			4332.00	
Bullnose	3.00			4335.00	12.00 Bottom Packers & Anchor

Total Tool Length: 39.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Sanguine Resources LLC.

14-17S-22W Ness,KS

2604 E 23rd Street
Hays KS. 67601

Suppes #1-14

Job Ticket: 72204

DST#: 2

ATTN: Sean Deenihan

Test Start: 2024.07.26 @ 16:40:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 63.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.59 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 7200.00 ppm

Filter Cake: 4.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
150.00	MW 35% M 65%W	1.831

Total Length: 150.00 ft Total Volume: 1.831 bbl

Num Fluid Samples: 0

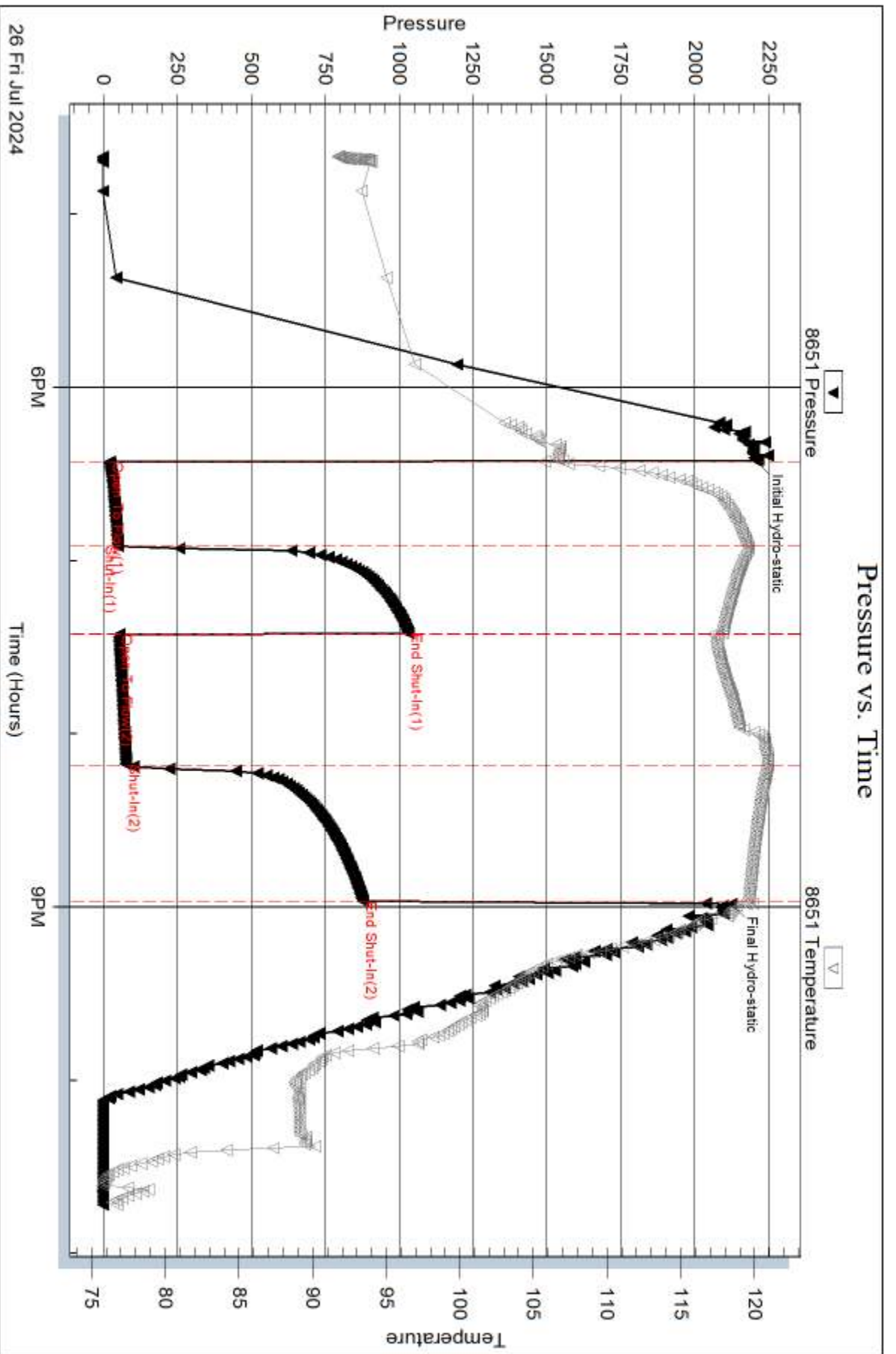
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW=.566@70F



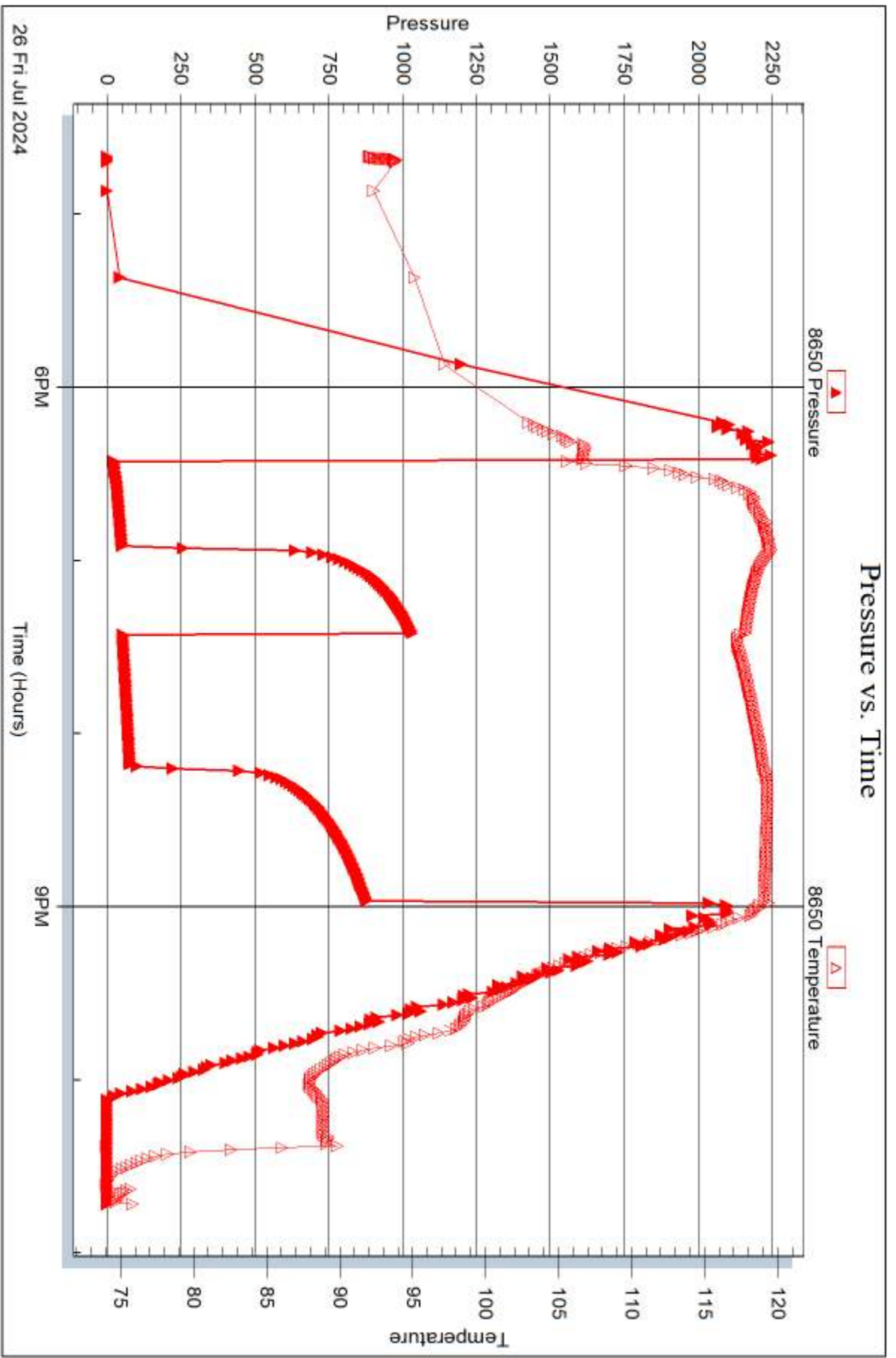
Serial #: 8650

Inside

Sanguine Resources LLC.

Suppes #1-14

DST Test Number: 2





DRILL STEM TEST REPORT

Prepared For: **Sanguine Resources LLC.**

2604 E 23rd Street
Hays KS. 67601

ATTN: Sean Deenihan

Suppes #1-14

14-17S-22W Ness,KS

Start Date: 2024.07.27 @ 02:40:00

End Date: 2024.07.27 @ 07:57:15

Job Ticket #: 72205 DST #: 3

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

Printed: 2024.07.29 @ 17:37:49

Sanguine Resources LLC.
14-17S-22W Ness,KS
Suppes #1-14
DST # 3
Ft Scott
2024.07.27



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Sanguine Resources LLC.

14-17S-22W Ness,KS

2604 E 23rd Street
Hays KS. 67601

Suppes #1-14

Job Ticket: 72205

DST#: 3

ATTN: Sean Deenihan

Test Start: 2024.07.27 @ 02:40:00

GENERAL INFORMATION:

Formation: **Ft Scott**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 04:21:15

Time Test Ended: 07:57:15

Test Type: Conventional Straddle (Reset)

Tester: Brad/Spencer

Unit No: 84

Interval: 4187.00 ft (KB) To 4230.00 ft (KB) (TVD)

Reference Elevations: 2312.00 ft (KB)

Total Depth: 4333.00 ft (KB) (TVD)

2304.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

Serial #: 8650 Outside

Press@RunDepth: 151.55 psig @ 4190.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2024.07.27

End Date:

2024.07.27

Last Calib.:

2024.07.27

Start Time: 02:40:01

End Time:

07:57:15

Time On Btm:

2024.07.27 @ 04:19:00

Time Off Btm:

2024.07.27 @ 05:54:15

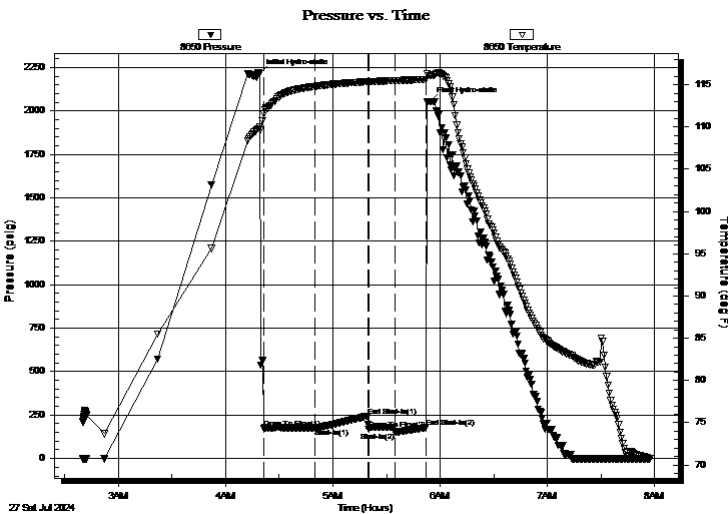
TEST COMMENT: 30-IF-BoB 30 secs Built to 28.5"

30-ISI-No Return

15-FF-No Blow

15-FSI-No Return

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2213.05	110.00	Initial Hydro-static
3	171.40	111.51	Open To Flow (1)
31	173.27	114.81	Shut-In(1)
61	244.80	115.37	End Shut-In(1)
61	168.81	115.35	Open To Flow (2)
76	151.55	115.49	Shut-In(2)
94	178.67	115.63	End Shut-In(2)
96	2052.66	116.10	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
350.00	GM 5%G 95%M	4.64

* Recovery from multiple tests

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (MMcf/d)



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Sanguine Resources LLC.

14-17S-22W Ness,KS

2604 E 23rd Street
Hays KS. 67601

Suppes #1-14

Job Ticket: 72205

DST#: 3

ATTN: Sean Deenihan

Test Start: 2024.07.27 @ 02:40:00

Tool Information

Drill Pipe:	Length: 4153.00 ft	Diameter: 3.80 inches	Volume: 58.26 bbl	Tool Weight: 2500.00 daN
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 3.25 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 daN
Drill Collar:	Length: 30.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose: 80000.00 daN
			<u>Total Volume: 58.41 bbl</u>	Tool Chased ft
Drill Pipe Above KB:	28.00 ft			String Weight: Initial 71000.00 daN
Depth to Top Packer:	4187.00 ft			Final 71000.00 daN
Depth to Bottom Packer:	4230.00 ft			
Interval between Packers:	43.00 ft			
Tool Length:	178.00 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			4156.00	
Shut In Tool	5.00			4161.00	
Hydraulic tool	5.00			4166.00	
Jars	5.00			4171.00	
Gap Sub	4.00			4175.00	
Safety Joint	3.00			4178.00	
Packer	5.00			4183.00	32.00 Bottom Of Top Packer
Packer	4.00			4187.00	
Stubb	1.00			4188.00	
Perforations	1.00			4189.00	
Change Over Sub	1.00			4190.00	
Recorder	0.00	8651	Inside	4190.00	
Recorder	0.00	8650	Outside	4190.00	
Drill Pipe	32.00			4222.00	
Change Over Sub	1.00			4223.00	
Perforations	2.00			4225.00	
Blank Off Sub	1.00			4226.00	
T Std Pkr	4.00			4230.00	43.00 Tool Interval
Packer	0.00			4230.00	
Stubb	1.00			4231.00	
Recorder	0.00	8017	Below	4231.00	
Perforations	1.00			4232.00	
Change Over Sub	1.00			4233.00	
Drill Pipe	96.00			4329.00	
Change Over Sub	1.00			4330.00	
Bullnose	3.00			4333.00	103.00 Bottom Packers & Anchor

Total Tool Length: 178.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Sanguine Resources LLC.

14-17S-22W Ness,KS

2604 E 23rd Street
Hays KS. 67601

Suppes #1-14

Job Ticket: 72205

DST#: 3

ATTN: Sean Deenihan

Test Start: 2024.07.27 @ 02:40:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 63.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.58 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 7200.00 ppm

Filter Cake: 4.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
350.00	GM 5%G 95%M	4.636

Total Length: 350.00 ft Total Volume: 4.636 bbl

Num Fluid Samples: 0

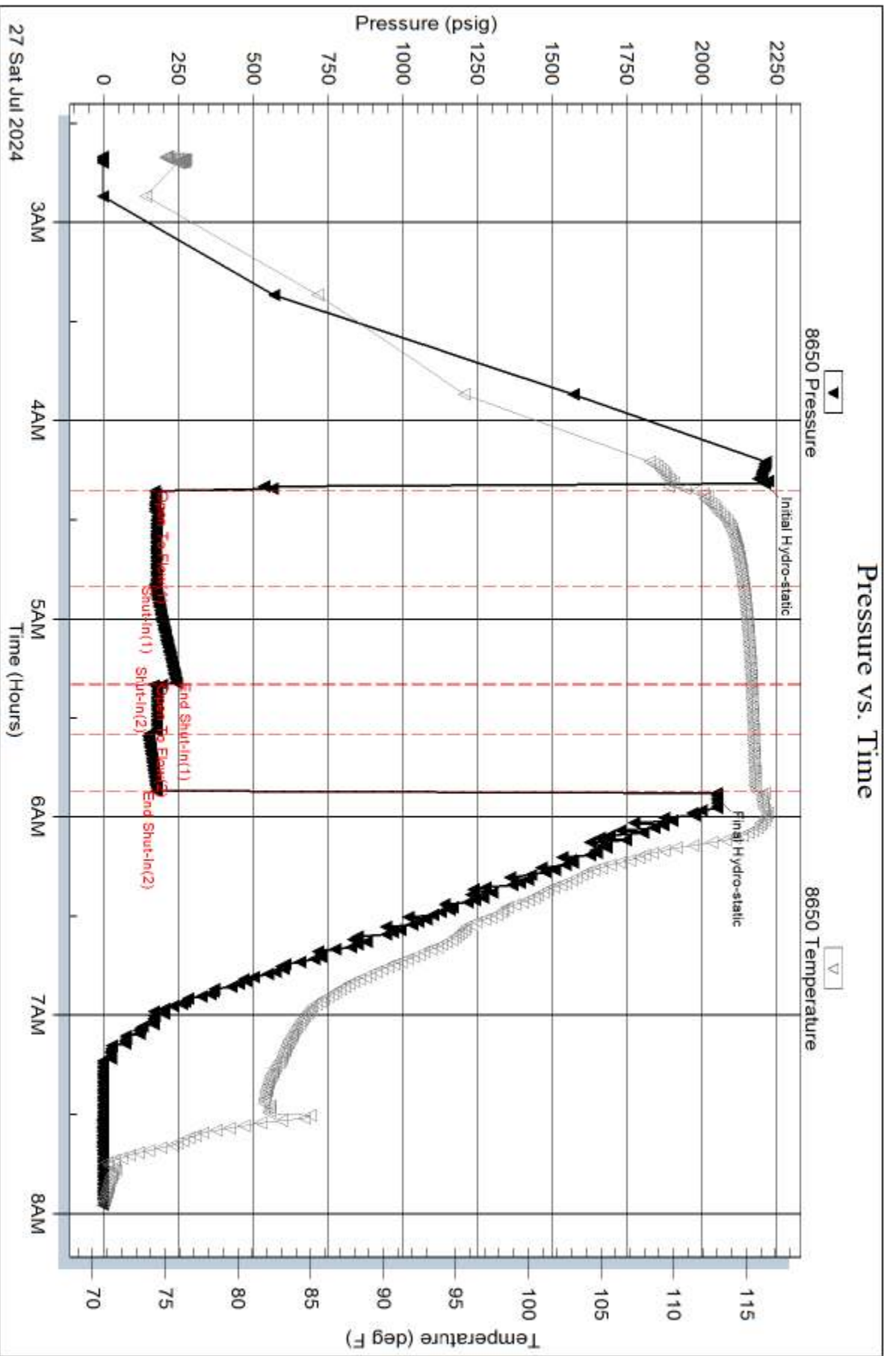
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



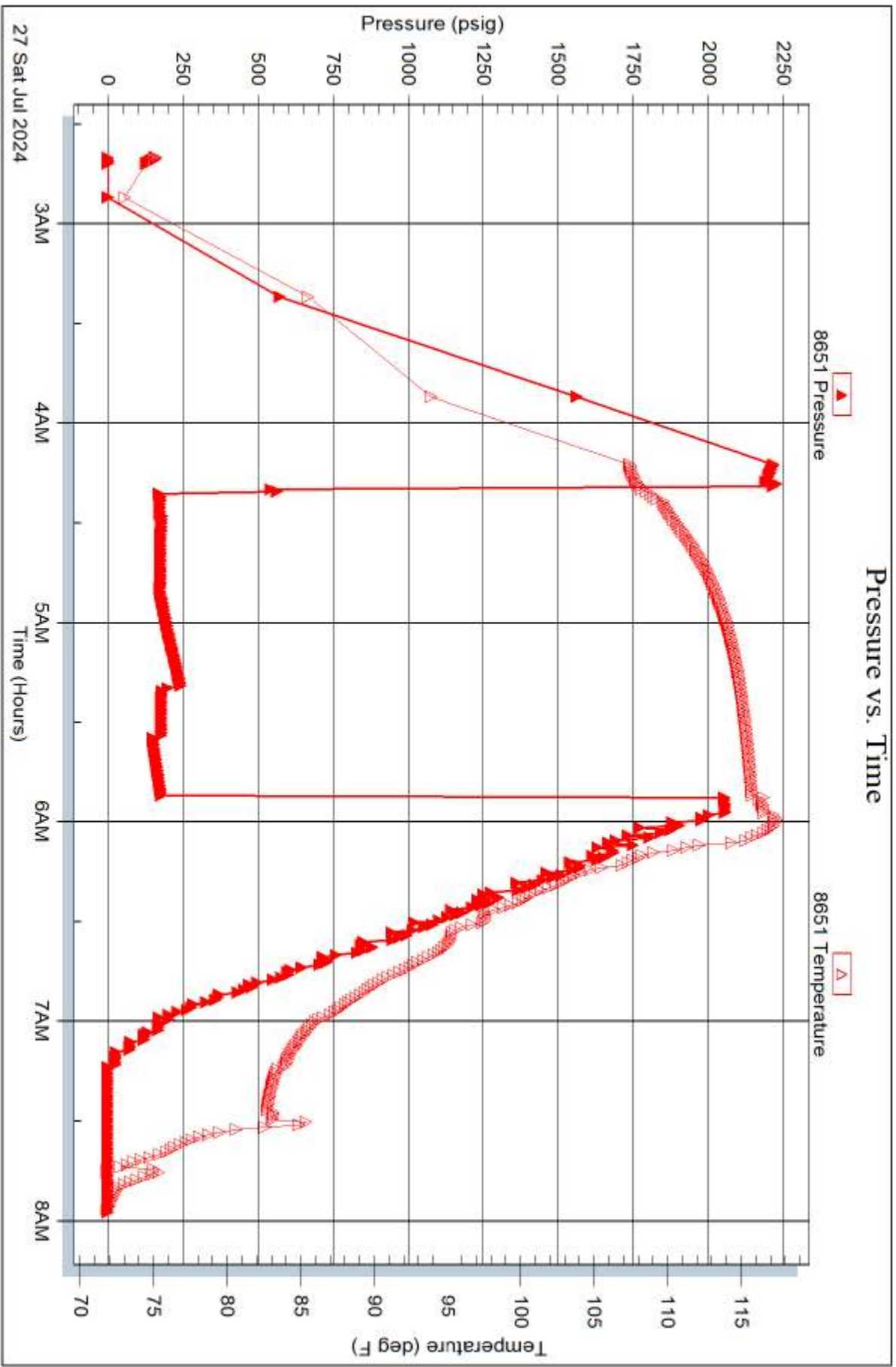
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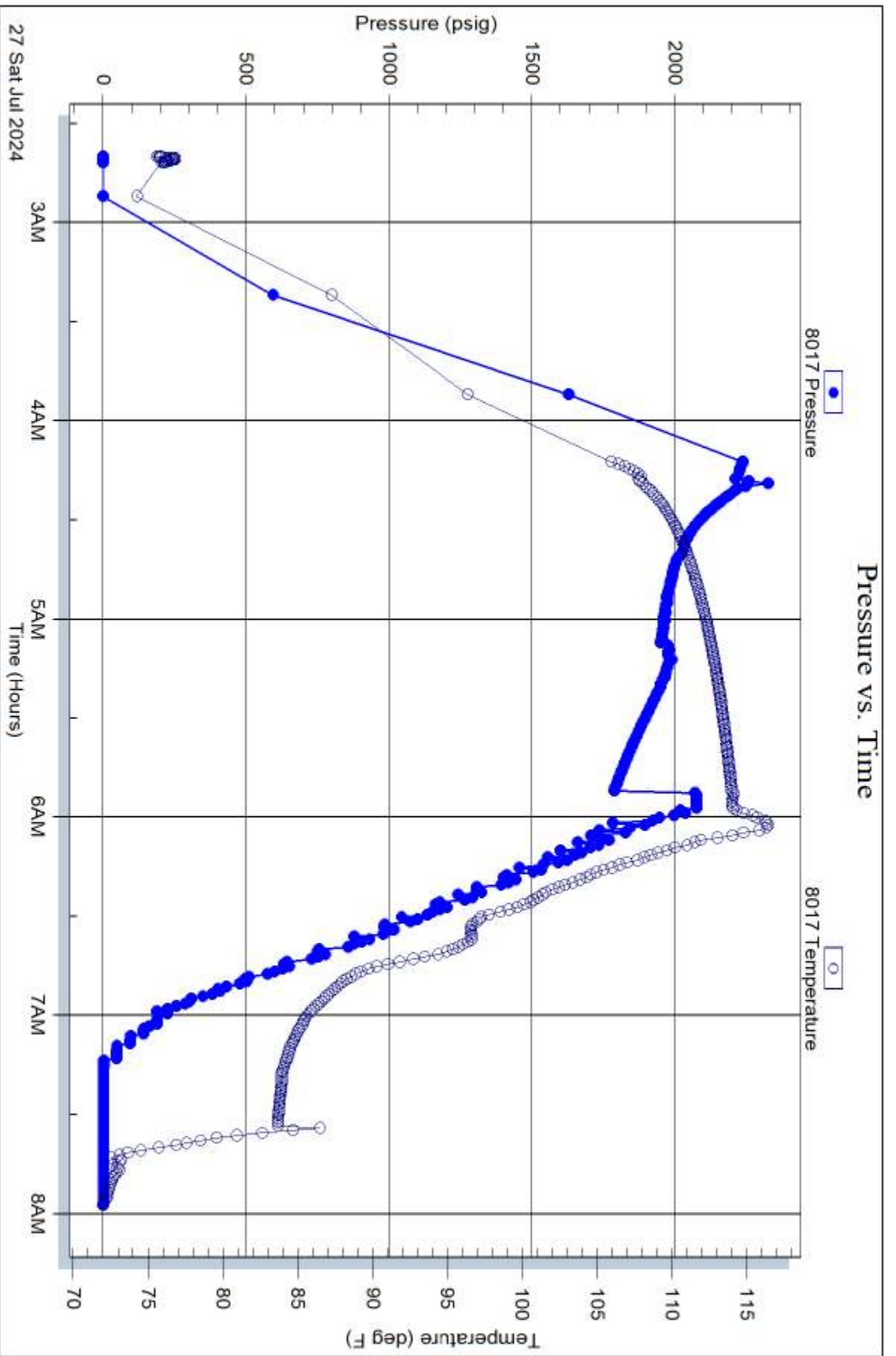
Inside

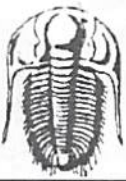
Sanguine Resources LLC.

Supps #1-14

DST Test Number: 3







TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. **72203**

Well Name & No. Suppes # 1-14 Test No. 1 Date 7-26
 Company Sungvine Resources LLC Elevation 2304 KB 2304 GL
 Address 2604 E. 23rd St. Hays, KS 67601
 Co. Rep / Geo Chad Geist / Shawn Peenik Rig Double D's
 Location: Sec. 14 Twp 17 S Rge. 22 W Co. Nes S State KS

Interval Tested 4238' - 4325' Zone Tested Mississippi
 Anchor Length 87' Drill Pipe Run _____ Mud Wt. 9.1
 Top Packer Depth 4233' Drill Collars Run 30' Vis 63
 Bottom Packer Depth 4238 Wt. Pipe Run 0 WL 7.6
 Total Depth 4325 Chlorides 7200 ppm System LCM 4

Blow Description 30M IF Weak surface blow built to 8 in.
30M IST NO RETURN
10M FE NO BLOW

Rec	Feet of	%gas	%oil	%water	%mud
<u>20 ft</u>	<u>60 SCM</u>	<u>2</u>	<u>3</u>	<u>95</u>	
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 20 ft BHT 110° Gravity _____ API RW _____ @ _____ *F Chlorides _____ ppm

Initial Hydrostatic 2146 Test 1950 Ruined Shale Packer _____
 Initial Flow 35 to 33 Jars 300 Ruined Packer _____
 Initial Shut-In 807 Circ Sub _____ Hotel _____
 Final Flow 36 to 36 Hourly Standby _____ EM Tool Successful -175
 Final Shut-In _____ Mileage 99 157.50 Accessibility _____
 Final Hydrostatic 2081 Sampler _____ Gas Sample _____
 T-On Location 0400 Straddle _____ Oversized Hole _____
 Initial Flow 30 T-Started 0539 Shale Packer _____ Sub Total -175
 Initial Shut-In 30 T-Open 0842 Extra Packer _____ Total 2232.50
 Final Flow 15 T-Pulled 0905 Extra Recorder _____ Tool Loaded _____ @ _____
 Final Shut-In _____ T-Out _____ Day Standby _____ MP/DST/Disc't _____

Comments _____

Approved By _____ Our Representative Brad Spencer

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. **72204**

Well Name & No. Suppes #1-14 Test No. 2 Date 7-26
 Company Engine Resources LLC Elevation 2312 KB 2304 GL
 Address 2604 E 23rd St. Hays KS. 67601
 Co. Rep / Geo Sean Deenihan Rig Double D's
 Location: Sec. 14 Twp 17S Rge. 22W Co. Ness State KS

Interval Tested 4323 - 4335 Zone Tested Mississippi
 Anchor Length 12 ff Drill Pipe Run 4286 Mud Wt. 9.1
 Top Packer Depth 4318 Drill Collars Run 30 Vis 63
 Bottom Packer Depth ~~4318~~ 4323 Wt. Pipe Run 0 WL 7.6
 Total Depth 4335 Chlorides 7200 ppm System LCM 4

Blow Description 30M TP Surface Blow built to S.S"
30M TST No Return
4530M FF Weak Surface Blow
45M FSI No Return

Rec	Feet of	%gas	%oil	%water	%mud
<u>150</u>	<u>MW</u>			<u>65</u>	<u>35</u>
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 150 BHT 119 Gravity N/A API RW 566 @ 70 °F Chlorides 11,000 ppm

Initial Hydrostatic 2208 Test 1950 Ruined Shale Packer
 Initial Flow 22 to 50 Jars 300 Ruined Packer
 Initial Shut-In 1032 Circ Sub Hotel
 Final Flow 53 to 76 Hourly Standby EM Tool Successful -175
 Final Shut-In 817 Mileage 90 157.50 Accessibility
 Final Hydrostatic 2124 Sampler Gas Sample
 T-On Location 1600 Straddle Oversized Hole
 Initial Flow 30 T-Started 1640 Shale Packer Sub Total -175
 Initial Shut-In 30 T-Open 1826 Extra Packer Total 2232.50
 Final Flow 4530 T-Pulled 2056 Extra Recorder Tool Loaded @
 Final Shut-In 45 T-Out 2220 Day Standby MP/DST Disc't

Comments _____

Approved By _____ Our Representative Brad / Spencer

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TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 72205

Well Name & No. Suppes # 1-14 Test No. 3 Date 7-27-24
 Company Sanguine Resources LLC Elevation 2312 KB 2304 GL
 Address 2604 E 23rd St Hays KS 67601
 Co. Rep / Geo Sean Deenihan
 Location: Sec. 14 Twp 17S Rge. 22W Rig Double D's Co. Ness State KS

Interval Tested 4187' - 4230' Zone Tested FT. Scott
 Anchor Length 43' 103' Drill Pipe Run 4153' Mud Wt. 9.1
 Top Packer Depth 4187' Drill Collars Run 30' Vis 63
 Bottom Packer Depth 4230' Wt. Pipe Run 0' WL 7.6
 Total Depth 4338' Chlorides 7200 ppm System LCM 4

Blow Description 30 M IF Hard Blow Bottom Df bucket in 30 sec. Built to 28.5"
30 M ISL NO Return
15 M FF NO Blow
15 M FSL NO Return

Rec	Feet of	%gas	%oil	%water	%mud
<u>350</u>	<u>6 M</u>			<u>95</u>	
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 350 BHT 115F Gravity NA API RW NA @ NA *F Chlorides NA ppm

Initial Hydrostatic 2213 Test 1950 Ruined Shale Packer
 Initial Flow 171 to 173 Jars 30 Ruined Packer
 Initial Shut-In 244 Circ Sub Hotel
 Final Flow 168 to 151 Hourly Standby EM Tool Successful Didn't Work
 Final Shut-In 178 Mileage 90 157.50 Accessibility -350
 Final Hydrostatic 2052 Sampler Gas Sample
 T- On Location 2400 Straddle 800 Oversized Hole

Initial Flow 30 T-Started 0240 Shale Packer 250 Sub Total -350
 Initial Shut-In 30 T-Open 0420 Extra Packer Total 3107.50
 Final Flow 15 T-Pulled 0550 Extra Recorder Tool Loaded @
 Final Shut-In 15 T-Out 0730 Day Standby MP/DST Disc't

Comments _____
 Approved By _____ Our Representative Brad Spencer

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