

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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Form	ACO1 - Well Completion
Operator	Murfin Drilling Co., Inc.
Well Name	HELENE 1-10
Doc ID	1574066

All Electric Logs Run

DIL
DUCP
MEL
BHCS



CEMENT TREATMENT REPORT

Customer:	Murfin Drilling	Well:	Helene 1-10	Ticket:	WP1223
City, State:		County:	Cheyenne / KS	Date:	3/17/2021
Field Rep:	Fennis Garduno	S.T.R.:	10-3S-39W	Service:	8.625" Surface

Downhole Information

Hole Size:	12.25 in
Hole Depth:	297 ft
Casing Size:	8 5/8 in
Casing Depth:	298.68 ft
Tubing / Liner:	in
Depth:	ft
Tool / Packers:	
Tool Depth:	ft
Displacement:	10.0 bbls

Calculated Slurry - Lead

Blend:	H-325
Weight:	14.8 ppg
Water / Sx:	6.9 gal / sx
Yield:	1.41 ft ³ / sx
Annular Bbls / Ft.:	0.0735 bbs / ft.
Depth:	298.68 ft
Annular Volume:	22.0 bbls
Excess:	100%
Total Slurry:	75.4 bbls
Total Sacks:	300 sx

Calculated Slurry - Tail

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

TIME	RATE	PSI	BBLs	TOTAL BBLs	REMARKS
1:15 PM			-	-	Journey management meeting
1:30 PM				-	Convoy to location
3:00 PM				-	Arrive on location
3:05 PM				-	Safety meeting
3:20 PM				-	Spot in / rig up equipment
5:50 PM	350.0			-	Rig land casing, casing ran to 298.68'. Total pipe with landing joint 305.60'. Rig circulate
6:00 PM	300.0	5.0	5.0	5.0	Hook cement pump to casing pump fresh water ahead
6:03 PM	4.5	300.0	75.4	80.4	Mix 300 sx H-325 @ 14.8 ppg yield- 1.41 ft ³ /sk water req- 6.89 gal/sk
6:20 PM	2.5	350.0		80.4	Start fresh water displacement
6:22 PM	4.0	150.0	8.0	88.4	Saw good cement @ 13 bbls into displacement
6:28 PM	4.0	200.0	18.0	106.4	End displacement S/D shut in casing with 200 psi on casing
6:45 PM					Rig down
7:15 PM					Leave location
					Circulated 5 bbls cement to the pit
					HOC- 298.68' TOC - surface
					Displaced cement to 285.68' leaving a 20' shoe

CREW		UNIT	SUMMARY		
Cementer:	Fennis	78	Average Rate	Average Pressure	Total Fluid
Pump Operator:	Mike	230	3.8 bpm	275 psi	106 bbls
Bulk #1:	Jimmie	205			
Bulk #2:					

MDCI
 Helene #1-10
 500' FNL 660' FEL
 Sec. 10-T3S-R39W
 3404' KB

Formation	Sample top	Datum	Ref	Log Top	Datum	Ref
Anhydrite	3265	+139	+3	3263	+141	+5
B/Anhydrite	3294	+110	Flat	3289	+115	+5
Topeka	4098	-694	-19	4084	-680	-5
Oread	4232	-828	-11	4220	-816	+1
Lansing	4294	-890	-4	4294	-890	-4
Stark	4528	-1124	-1	4529	-1125	-2
Mound City	4602	-1198	-12	4587	-1183	+3
Ft Scott	4736	-1332	-11	4717	-1313	+8
Oakley	4798	-1394	+8	4799	-1395	+7
Mississippi	5104	-1700	---	5099	-1695	----
RTD	5200	-1796				
LTD				5196	-1792	

Saman Sharifaie

Petroleum Geologist

GEOLOGIST'S REPORT

DRILLING TIME AND SAMPLE LOG

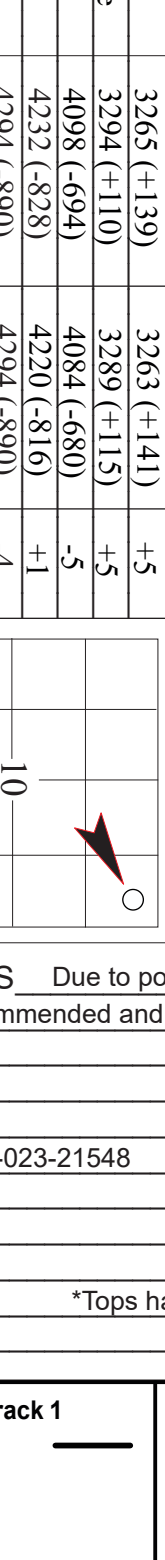
COMPANY: **Martin Drilling Co., Inc.**
LEASE: **Wellcat #1-10**
FIELD: **Wellcat**
LOCATION: **500' FNL & 660' FEL**
SEC: **10** TWP: **3S** RGE: **30W**
COUNTY: **Cheyenne** STATE: **Kansas**
CONTRACTOR: **Martin Drilling #3**
RTPD: **03/17/21** COMP: **03/27/21**
SPUD: **3200'** LTD: **5196'**
MUD UP: **3550'** TYPE MUD: **Chemical**

SAMPLES SAVED FROM: **3980'** TO RTD
DRILLING TIME KEPT FROM: **3900'** TO RTD
SAMPLES EXAMINED FROM: **3980'** TO RTD
GEOLOGICAL SUPERVISION FROM: **3680'**
REFERENCE WELL: **MJCI - Jessie Martin #1**

ELEVATIONS
KB: **3404'**
DF: _____
GL: **3399'**
Measurements Are All From Kelly Bushing
CASING
CONDUCTOR: _____
SURFACE: **8-5/8"** at **305'**
PRODUCTION: **N/A**

ELECTRICAL
SLEEVES
CND: **DIL. MEL. Somic**
MIDWEST IZ/IZ/IZ

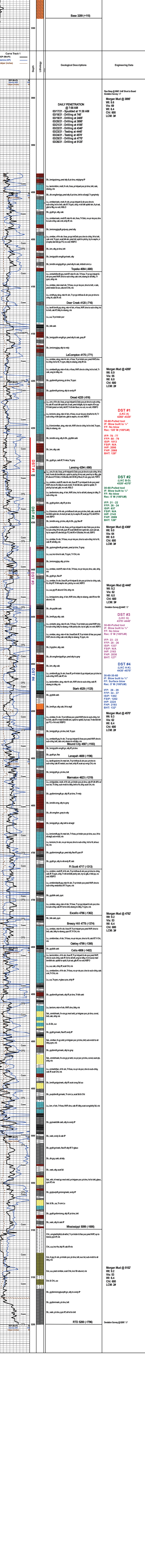
Formation	Sample Tops	E-log Tops	Strat Pos.
Amblydrite	3263 (+139)	3299 (+141)	+5
Base Amblydrite	3294 (+110)	3299 (+141)	+5
Topok	4089 (-694)	4084 (-680)	-5
Topok	4323 (-428)	4270 (-816)	+1
Landing	4294 (-490)	4294 (-816)	+1
Round City	4042 (-1198)	4357 (-183)	+3
FT Scott	4736 (-1332)	4717 (-1313)	+8
Oakley	4799 (-1394)	4799 (-1395)	+7
Mississippi	5104 (-1700)	5099 (-1695)	+7



REMARKS Due to poor shows of oil in several potential pay zones and negative DST results, it is recommended and agreed upon by all parties that this well be plugged and abandoned.

Respectfully Submitted,
Saman Sharifaie
Petroleum Geologist

*Tops have been adjusted to electric logs





DRILL STEM TEST REPORT

Prepared For: **Murfin Drilling Co Inc**

250 N. Water STE 300
Wichita, KS 67202

ATTN: Saman Sharifaie

Helene #1-10

10-3s-39w Cheyenne,KS

Start Date: 2021.03.21 @ 19:52:00

End Date: 2021.03.22 @ 02:24:00

Job Ticket #: 66686 DST #: 1

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

Printed: 2021.03.26 @ 14:01:49



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Murfin Drilling Co Inc

10-3s-39w Cheyenne,KS

250 N. Water STE 300
Wichita, KS 67202

Helene #1-10

Job Ticket: 66686

DST#: 1

ATTN: Saman Sharifaie

Test Start: 2021.03.21 @ 19:52:00

GENERAL INFORMATION:

Formation: **LKC " A "**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 22:38:20

Time Test Ended: 02:24:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Ryan Nichols

Unit No: 71

Interval: 4260.00 ft (KB) To 4320.00 ft (KB) (TVD)

Reference Elevations: 3404.00 ft (KB)

Total Depth: 4320.00 ft (KB) (TVD)

3399.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 5.00 ft

Serial #: 8676 Outside

Press@RunDepth: 77.45 psig @ 4261.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2021.03.21

End Date:

2021.03.22

Last Calib.:

2021.03.22

Start Time: 19:52:01

End Time:

02:24:00

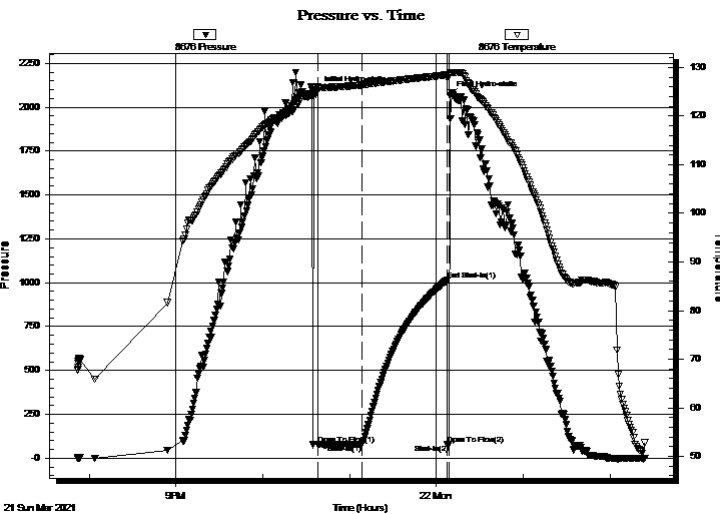
Time On Btm:

2021.03.21 @ 22:38:00

Time Off Btm:

2021.03.22 @ 00:09:20

TEST COMMENT: 30 IF - Opened tool going through bridge 10' off bottom, reset tool/bucket, 1/4" blow died back to surface
60 ISI - No return
FF - No blow pulled test



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2095.40	126.04	Initial Hydro-static
1	78.09	125.55	Open To Flow (1)
31	77.45	126.38	Shut-In(1)
90	1012.93	128.47	End Shut-In(1)
90	80.03	127.96	Open To Flow (2)
91	79.35	128.27	Shut-In(2)
92	2067.56	128.65	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
120.00	Mud 100%M	0.59

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Murfin Drilling Co Inc

10-3s-39w Cheyenne,KS

250 N. Water STE 300
Wichita, KS 67202

Helene #1-10

Job Ticket: 66686

DST#: 1

ATTN: Saman Sharifaie

Test Start: 2021.03.21 @ 19:52:00

Tool Information

Drill Pipe:	Length: 4082.00 ft	Diameter: 3.80 inches	Volume: 57.26 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 177.00 ft	Diameter: 2.25 inches	Volume: 0.87 bbl	Weight to Pull Loose: 80000.00 lb
			<u>Total Volume: 58.13 bbl</u>	Tool Chased 10.00 ft
Drill Pipe Above KB:	27.00 ft			String Weight: Initial 64000.00 lb
Depth to Top Packer:	4260.00 ft			Final 64000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	60.00 ft			
Tool Length:	88.00 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			4237.00	
Hydraulic tool	5.00			4242.00	
Jars	5.00			4247.00	
Safety Joint	3.00			4250.00	
Packer	5.00			4255.00	28.00 Bottom Of Top Packer
Packer	5.00			4260.00	
Stubb	1.00			4261.00	
Recorder	0.00	8353	Inside	4261.00	
Recorder	0.00	8676	Outside	4261.00	
Perforations	21.00			4282.00	
Blank Spacing	33.00			4315.00	
Perforations	2.00			4317.00	
Bullnose	3.00			4320.00	60.00 Bottom Packers & Anchor

Total Tool Length: 88.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Murfin Drilling Co Inc

10-3s-39w Cheyenne,KS

250 N. Water STE 300
Wichita, KS 67202

Helene #1-10

Job Ticket: 66686

DST#: 1

ATTN: Saman Sharifaie

Test Start: 2021.03.21 @ 19:52:00

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: 55.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.78 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 600.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
120.00	Mud 100%M	0.590

Total Length: 120.00 ft Total Volume: 0.590 bbl

Num Fluid Samples: 0

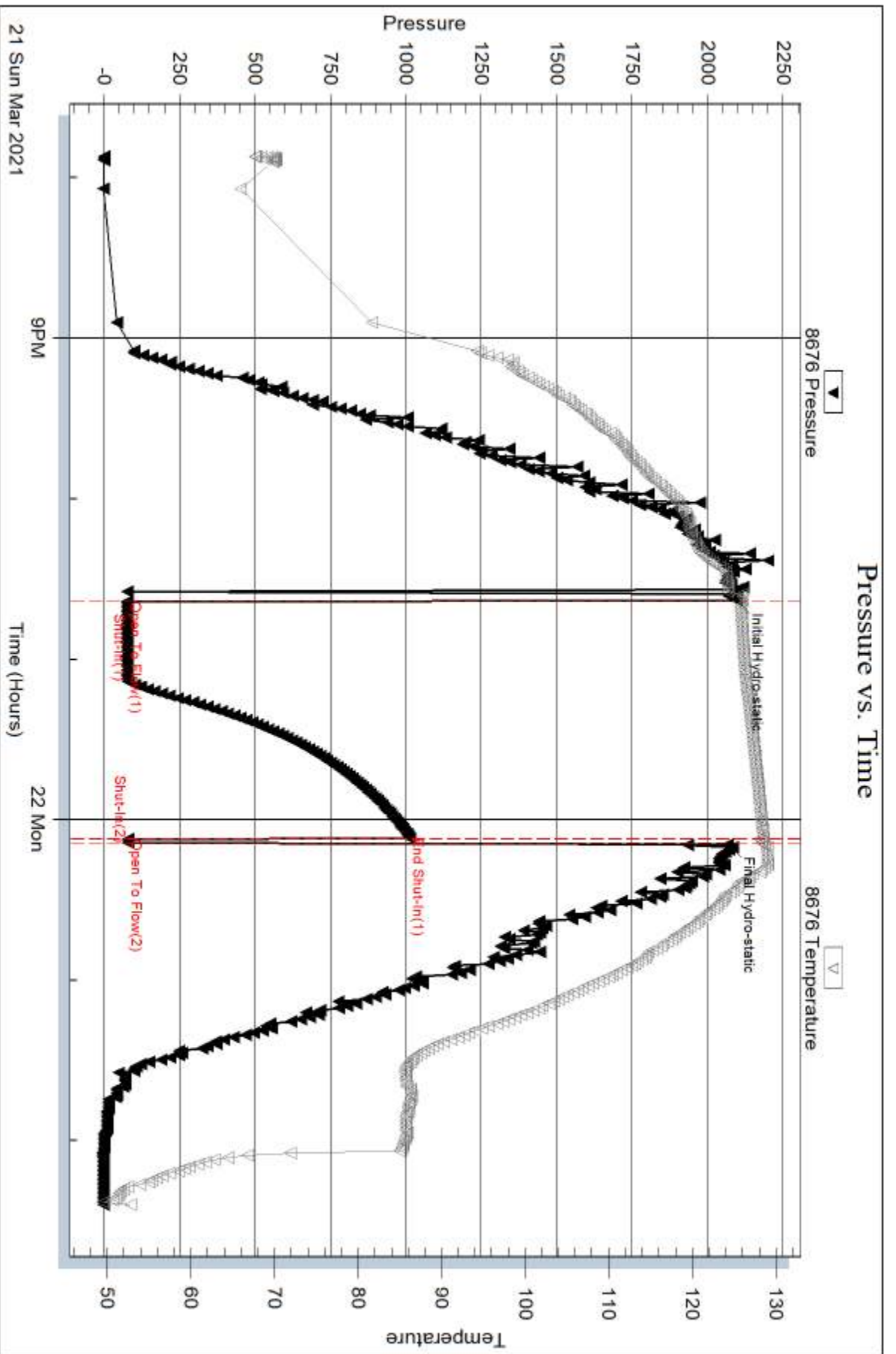
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





DRILL STEM TEST REPORT

Prepared For: **Murfin Drilling Co Inc**

250 N. Water STE 300
Wichita, KS 67202

ATTN: Saman Sharifaie

Helene #1-10

10-3s-39w Cheyenne,KS

Start Date: 2021.03.22 @ 11:38:00

End Date: 2021.03.22 @ 17:29:50

Job Ticket #: 66687 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620

Printed: 2021.03.26 @ 14:01:17



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Murfin Drilling Co Inc

10-3s-39w Cheyenne,KS

250 N. Water STE 300
Wichita, KS 67202

Helene #1-10

Job Ticket: 66687

DST#: 2

ATTN: Saman Sharifaie

Test Start: 2021.03.22 @ 11:38:00

GENERAL INFORMATION:

Formation: **LKC "B - D"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 14:02:30

Time Test Ended: 17:29:50

Test Type: Conventional Bottom Hole (Reset)

Tester: Ryan Nichols

Unit No: 71

Interval: 4320.00 ft (KB) To 4370.00 ft (KB) (TVD)

Reference Elevations: 3404.00 ft (KB)

Total Depth: 4370.00 ft (KB) (TVD)

3399.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 5.00 ft

Serial #: 8676 Outside

Press@RunDepth: 21.65 psig @ 4321.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2021.03.22

End Date:

2021.03.22

Last Calib.:

2021.03.22

Start Time: 11:38:01

End Time:

17:29:50

Time On Btm:

2021.03.22 @ 14:02:20

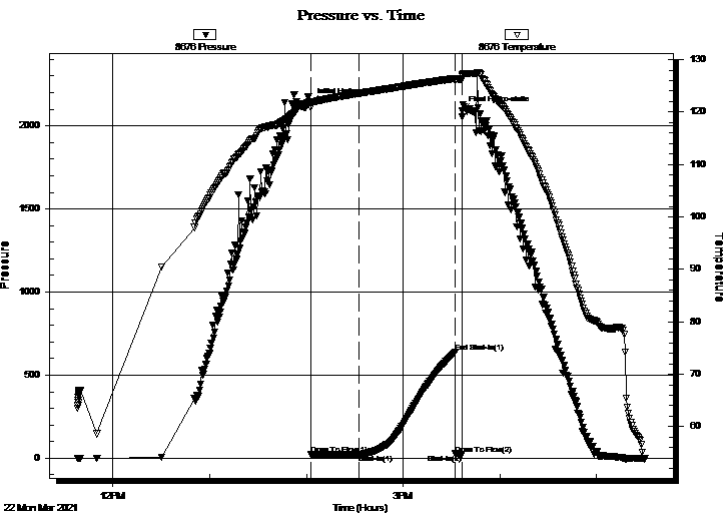
Time Off Btm:

2021.03.22 @ 15:36:30

TEST COMMENT: 30 IF - Surface blow built to 1/2"

60 ISI - No return

FF - No blow pulled test



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2142.77	122.04	Initial Hydro-static
1	21.38	120.85	Open To Flow (1)
31	21.65	123.57	Shut-In(1)
90	637.17	126.40	End Shut-In(1)
90	26.14	125.96	Open To Flow (2)
94	24.41	126.29	Shut-In(2)
95	2089.31	126.91	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	Mud 100%M	0.02

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Murfin Drilling Co Inc

10-3s-39w Cheyenne,KS

250 N. Water STE 300
Wichita, KS 67202

Helene #1-10

Job Ticket: 66687

DST#: 2

ATTN: Saman Sharifaie

Test Start: 2021.03.22 @ 11:38:00

Tool Information

Drill Pipe:	Length: 4143.00 ft	Diameter: 3.80 inches	Volume: 58.12 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 177.00 ft	Diameter: 2.25 inches	Volume: 0.87 bbl	Weight to Pull Loose: 75000.00 lb
			<u>Total Volume: 58.99 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	28.00 ft			String Weight: Initial 64000.00 lb
Depth to Top Packer:	4320.00 ft			Final 64000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	50.00 ft			
Tool Length:	78.00 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			4297.00	
Hydraulic tool	5.00			4302.00	
Jars	5.00			4307.00	
Safety Joint	3.00			4310.00	
Packer	5.00			4315.00	28.00 Bottom Of Top Packer
Packer	5.00			4320.00	
Stubb	1.00			4321.00	
Recorder	0.00	8353	Inside	4321.00	
Recorder	0.00	8676	Outside	4321.00	
Perforations	11.00			4332.00	
Blank Spacing	33.00			4365.00	
Perforations	2.00			4367.00	
Bullnose	3.00			4370.00	50.00 Bottom Packers & Anchor

Total Tool Length: 78.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Murfin Drilling Co Inc

10-3s-39w Cheyenne,KS

250 N. Water STE 300
Wichita, KS 67202

Helene #1-10

Job Ticket: 66687

DST#: 2

ATTN: Saman Sharifaie

Test Start: 2021.03.22 @ 11:38:00

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: 64.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 5.98 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 600.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	Mud 100%M	0.025

Total Length: 5.00 ft Total Volume: 0.025 bbl

Num Fluid Samples: 0

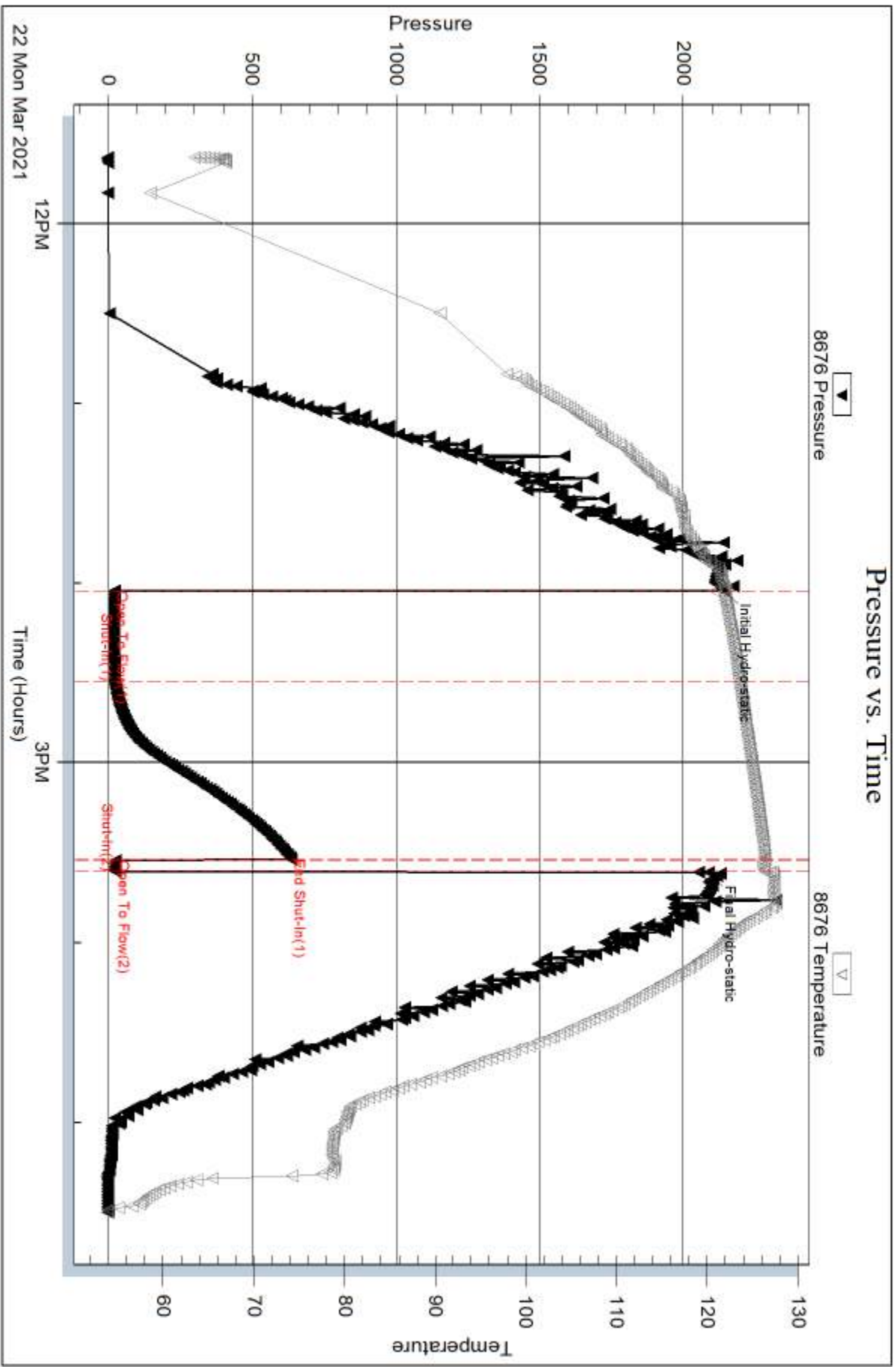
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



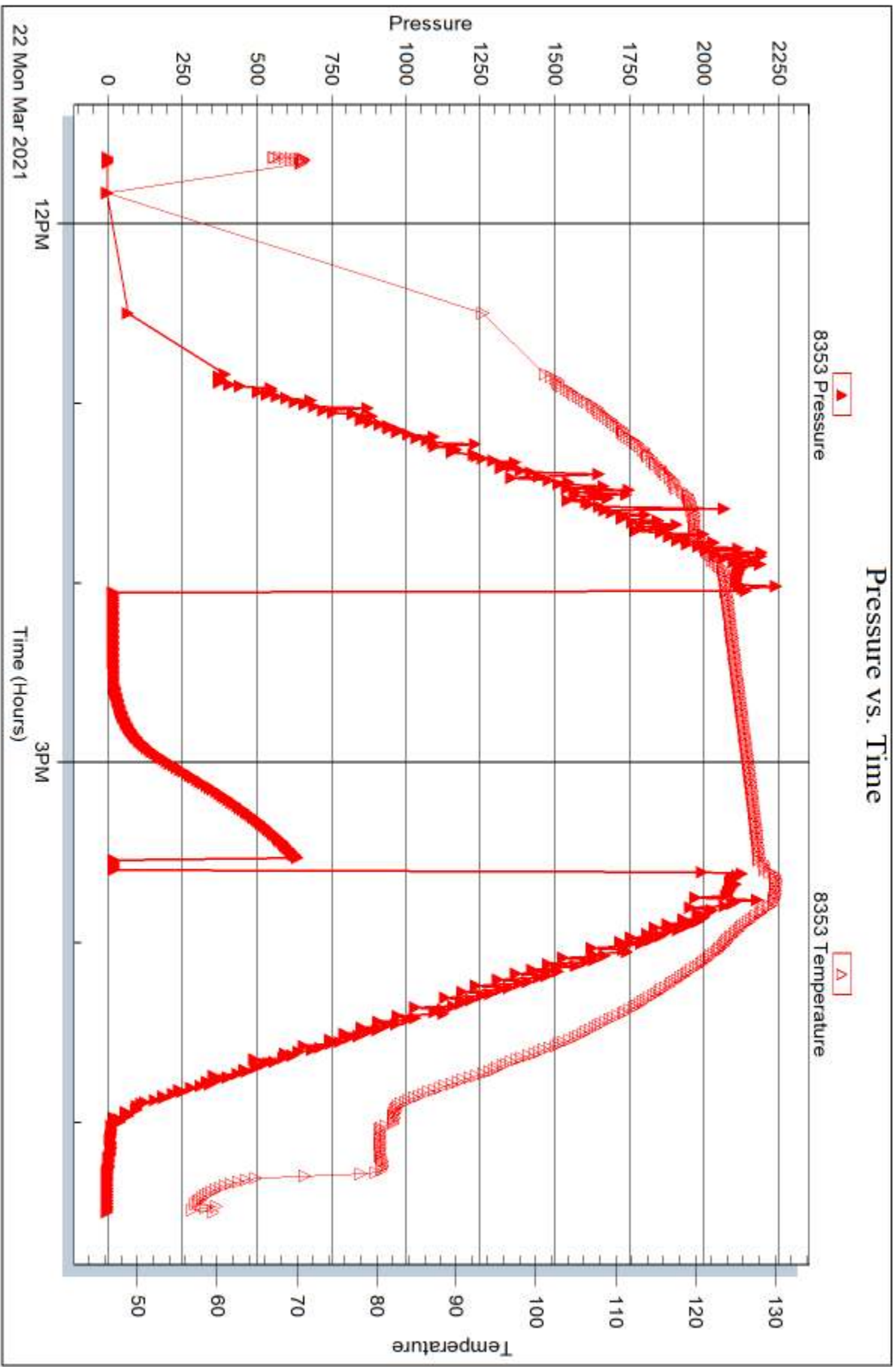
Serial #: 8353

Inside

Murfin Drilling Co Inc

Helene #1-10

DST Test Number: 2



Trilobite Testing, Inc

Ref. No: 66687

Printed: 2021.03.26 @ 14:01:18



DRILL STEM TEST REPORT

Prepared For: **Murfin Drilling Co Inc**

250 N. Water STE 300
Wichita, KS 67202

ATTN: Saman Sharifaie

Helene #1-10

10-3s-39w Cheyenne,KS

Start Date: 2021.03.23 @ 05:35:00

End Date: 2021.03.23 @ 11:52:39

Job Ticket #: 66688 DST #: 3

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

Printed: 2021.03.26 @ 14:00:42



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Murfin Drilling Co Inc

10-3s-39w Cheyenne,KS

250 N. Water STE 300
Wichita, KS 67202

Helene #1-10

Job Ticket: 66688

DST#: 3

ATTN: Saman Sharifaie

Test Start: 2021.03.23 @ 05:35:00

GENERAL INFORMATION:

Formation: **LKC " G "**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 08:05:40

Time Test Ended: 11:52:39

Test Type: Conventional Bottom Hole (Reset)

Tester: Ryan Nichols

Unit No: 71

Interval: 4376.00 ft (KB) To 4440.00 ft (KB) (TVD)

Reference Elevations: 3404.00 ft (KB)

Total Depth: 4440.00 ft (KB) (TVD)

3399.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 5.00 ft

Serial #: 8676 Outside

Press@RunDepth: 23.32 psig @ 4377.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2021.03.23

End Date:

2021.03.23

Last Calib.:

2021.03.23

Start Time: 05:35:01

End Time:

11:52:40

Time On Btm:

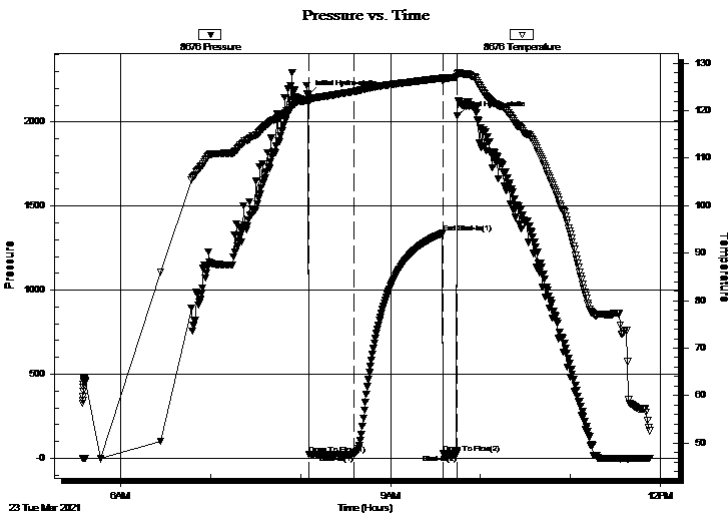
2021.03.23 @ 08:05:30

Time Off Btm:

2021.03.23 @ 09:44:40

TEST COMMENT: 30 IF - 1/2" blow built to 3/4" died back to 1/2"
60 ISI - No return
FF - No blow pulled test

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2163.18	122.39	Initial Hydro-static
1	22.94	121.76	Open To Flow (1)
31	23.32	124.01	Shut-In(1)
90	1337.21	126.85	End Shut-In(1)
90	27.71	126.09	Open To Flow (2)
99	25.66	127.06	Shut-In(2)
100	2038.31	127.69	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	Mud 100%M	0.02

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Murfin Drilling Co Inc

10-3s-39w Cheyenne,KS

250 N. Water STE 300
Wichita, KS 67202

Helene #1-10

Job Ticket: 66688

DST#: 3

ATTN: Saman Sharifaie

Test Start: 2021.03.23 @ 05:35:00

Tool Information

Drill Pipe:	Length: 4176.00 ft	Diameter: 3.80 inches	Volume: 58.58 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 2000.00 lb
Drill Collar:	Length: 177.00 ft	Diameter: 2.25 inches	Volume: 0.87 bbl	Weight to Pull Loose: 70000.00 lb
			<u>Total Volume: 59.45 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	5.00 ft			String Weight: Initial 64000.00 lb
Depth to Top Packer:	4376.00 ft			Final 64000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	64.00 ft			
Tool Length:	92.00 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			4353.00	
Hydraulic tool	5.00			4358.00	
Jars	5.00			4363.00	
Safety Joint	3.00			4366.00	
Packer	5.00			4371.00	28.00 Bottom Of Top Packer
Packer	5.00			4376.00	
Stubb	1.00			4377.00	
Recorder	0.00	8353	Inside	4377.00	
Recorder	0.00	8676	Outside	4377.00	
Perforations	25.00			4402.00	
Blank Spacing	33.00			4435.00	
Perforations	2.00			4437.00	
Bullnose	3.00			4440.00	64.00 Bottom Packers & Anchor

Total Tool Length: 92.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Murfin Drilling Co Inc

10-3s-39w Cheyenne,KS

250 N. Water STE 300
Wichita, KS 67202

Helene #1-10

Job Ticket: 66688

DST#: 3

ATTN: Saman Sharifaie

Test Start: 2021.03.23 @ 05:35:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 10.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 62.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 5.99 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 600.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	Mud 100%M	0.025

Total Length: 5.00 ft Total Volume: 0.025 bbl

Num Fluid Samples: 0

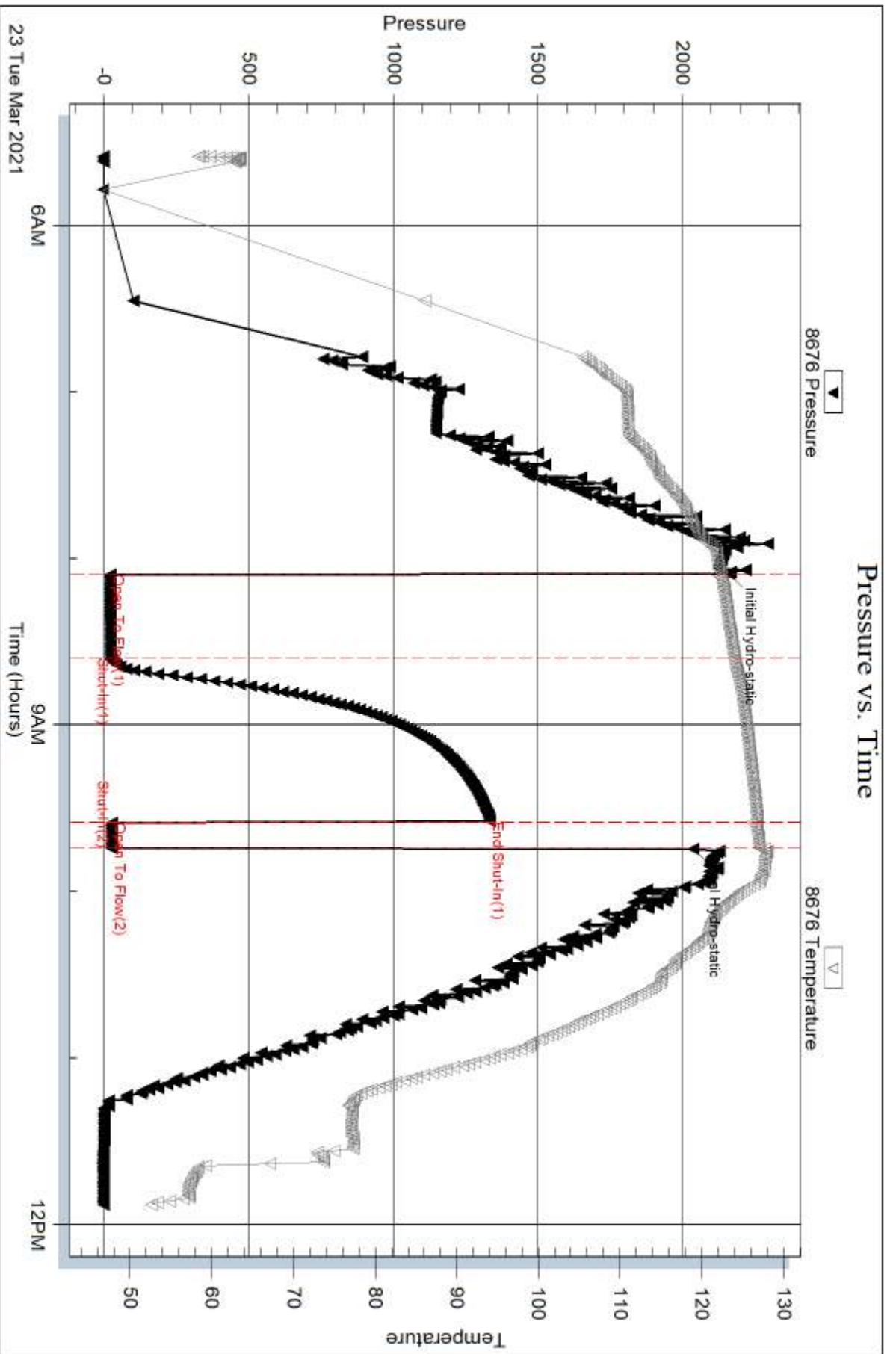
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



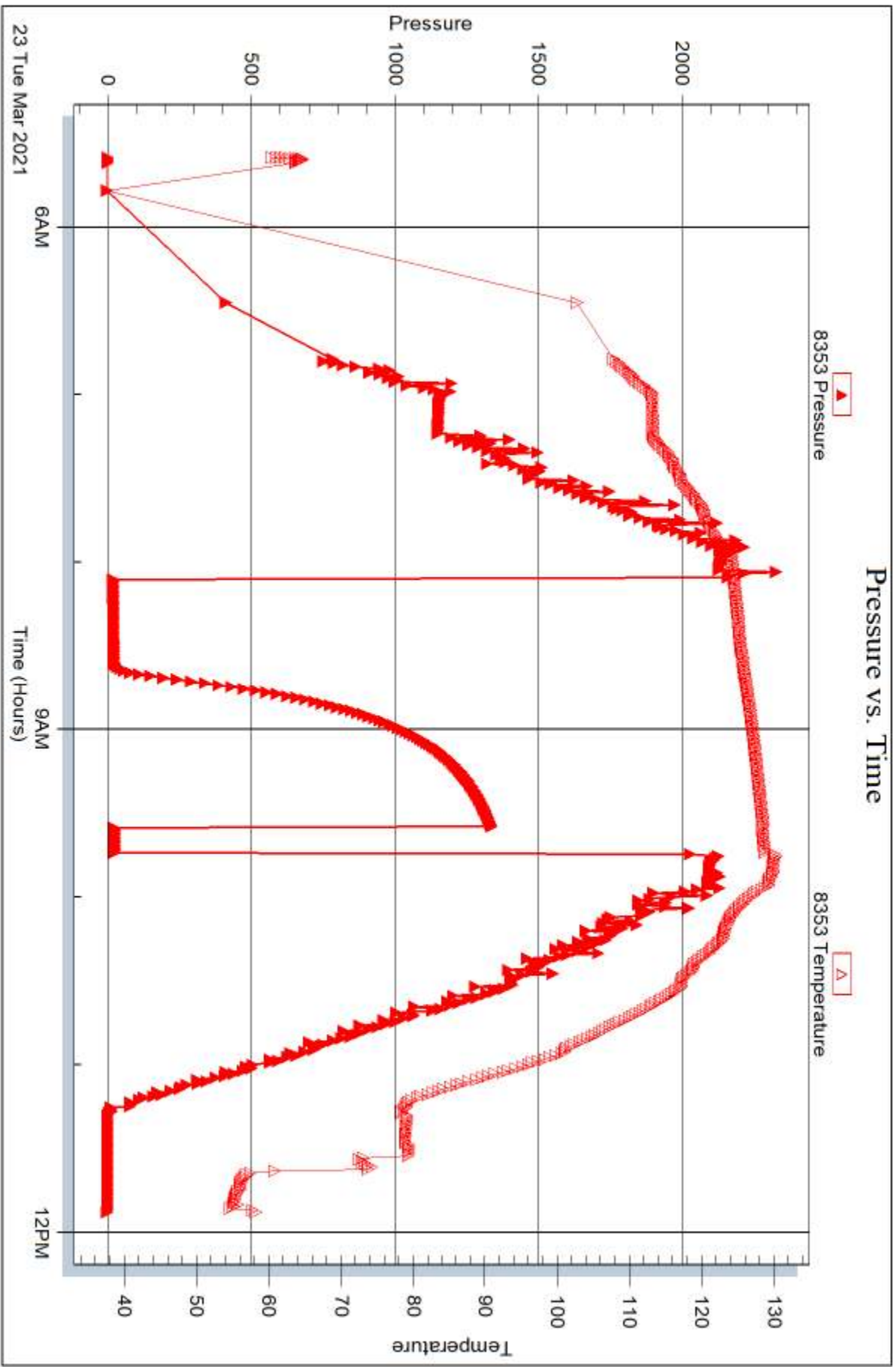
Serial #: 8353

Inside

Murfin Drilling Co Inc

Helene #1-10

DST Test Number: 3





DRILL STEM TEST REPORT

Prepared For: **Murfin Drilling Co Inc**

250 N. Water STE 300
Wichita, KS 67202

ATTN: Saman Sharifaie

Helene #1-10

10-3s-39w Cheyenne,KS

Start Date: 2021.03.24 @ 04:28:00

End Date: 2021.03.24 @ 12:13:30

Job Ticket #: 66689 DST #: 4

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

Printed: 2021.03.26 @ 14:00:08

Murfin Drilling Co Inc
10-3s-39w Cheyenne,KS
Helene #1-10
DST # 4
LKC " H - K "
2021.03.24



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Murfin Drilling Co Inc

10-3s-39w Cheyenne,KS

250 N. Water STE 300
Wichita, KS 67202

Helene #1-10

Job Ticket: 66689

DST#: 4

ATTN: Saman Sharifaie

Test Start: 2021.03.24 @ 04:28:00

GENERAL INFORMATION:

Formation: **LKC " H - K "**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 07:06:40

Time Test Ended: 12:13:30

Test Type: Conventional Bottom Hole (Reset)

Tester: Ryan Nichols

Unit No: 71

Interval: 4438.00 ft (KB) To 4570.00 ft (KB) (TVD)

Reference Elevations: 3404.00 ft (KB)

Total Depth: 4570.00 ft (KB) (TVD)

3399.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 5.00 ft

Serial #: 8676 Outside

Press@RunDepth: 37.25 psig @ 4439.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2021.03.24

End Date:

2021.03.24

Last Calib.:

2021.03.24

Start Time: 04:28:01

End Time:

12:13:30

Time On Btm:

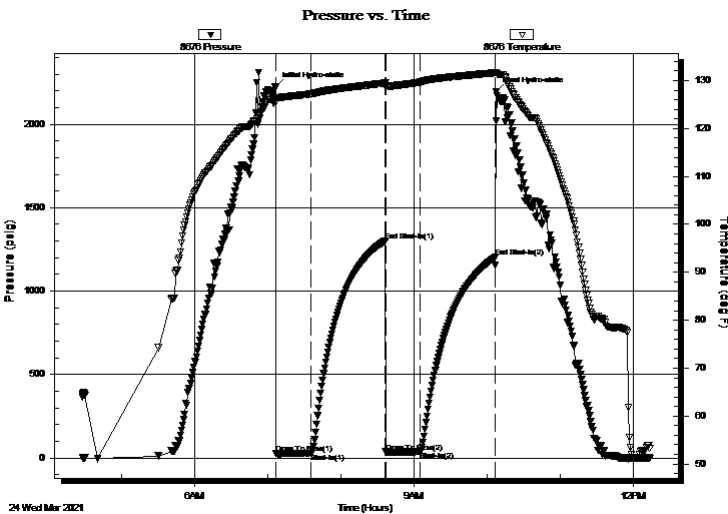
2021.03.24 @ 07:06:30

Time Off Btm:

2021.03.24 @ 10:07:00

TEST COMMENT: 30 IF - 3/4" blow died back to 1/2"
60 ISI - No return
30 FF - Surface blow died @ 5 mins
60 FSI - No return

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2223.80	126.41	Initial Hydro-static
1	25.51	125.63	Open To Flow (1)
29	28.80	127.20	Shut-In(1)
90	1302.29	129.46	End Shut-In(1)
91	34.03	129.00	Open To Flow (2)
119	37.25	129.68	Shut-In(2)
180	1202.05	131.62	End Shut-In(2)
181	2192.96	131.70	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	Mud 100%	0.02

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Murfin Drilling Co Inc

10-3s-39w Cheyenne,KS

250 N. Water STE 300
Wichita, KS 67202

Helene #1-10

Job Ticket: 66689

DST#: 4

ATTN: Saman Sharifaie

Test Start: 2021.03.24 @ 04:28:00

Tool Information

Drill Pipe:	Length: 4239.00 ft	Diameter: 3.80 inches	Volume: 59.46 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 177.00 ft	Diameter: 2.25 inches	Volume: 0.87 bbl	Weight to Pull Loose: 80000.00 lb
			<u>Total Volume: 60.33 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	6.00 ft			String Weight: Initial 64000.00 lb
Depth to Top Packer:	4438.00 ft			Final 64000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	132.00 ft			
Tool Length:	160.00 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			4415.00	
Hydraulic tool	5.00			4420.00	
Jars	5.00			4425.00	
Safety Joint	3.00			4428.00	
Packer	5.00			4433.00	28.00 Bottom Of Top Packer
Packer	5.00			4438.00	
Stubb	1.00			4439.00	
Recorder	0.00	8353	Inside	4439.00	
Recorder	0.00	8676	Outside	4439.00	
Perforations	30.00			4469.00	
Blank Spacing	96.00			4565.00	
Perforations	2.00			4567.00	
Bullnose	3.00			4570.00	132.00 Bottom Packers & Anchor

Total Tool Length: 160.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Murfin Drilling Co Inc

10-3s-39w Cheyenne,KS

250 N. Water STE 300
Wichita, KS 67202

Helene #1-10

Job Ticket: 66689

DST#: 4

ATTN: Saman Sharifaie

Test Start: 2021.03.24 @ 04:28:00

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: 62.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.39 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 600.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	Mud 100%	0.025

Total Length: 5.00 ft Total Volume: 0.025 bbl

Num Fluid Samples: 0

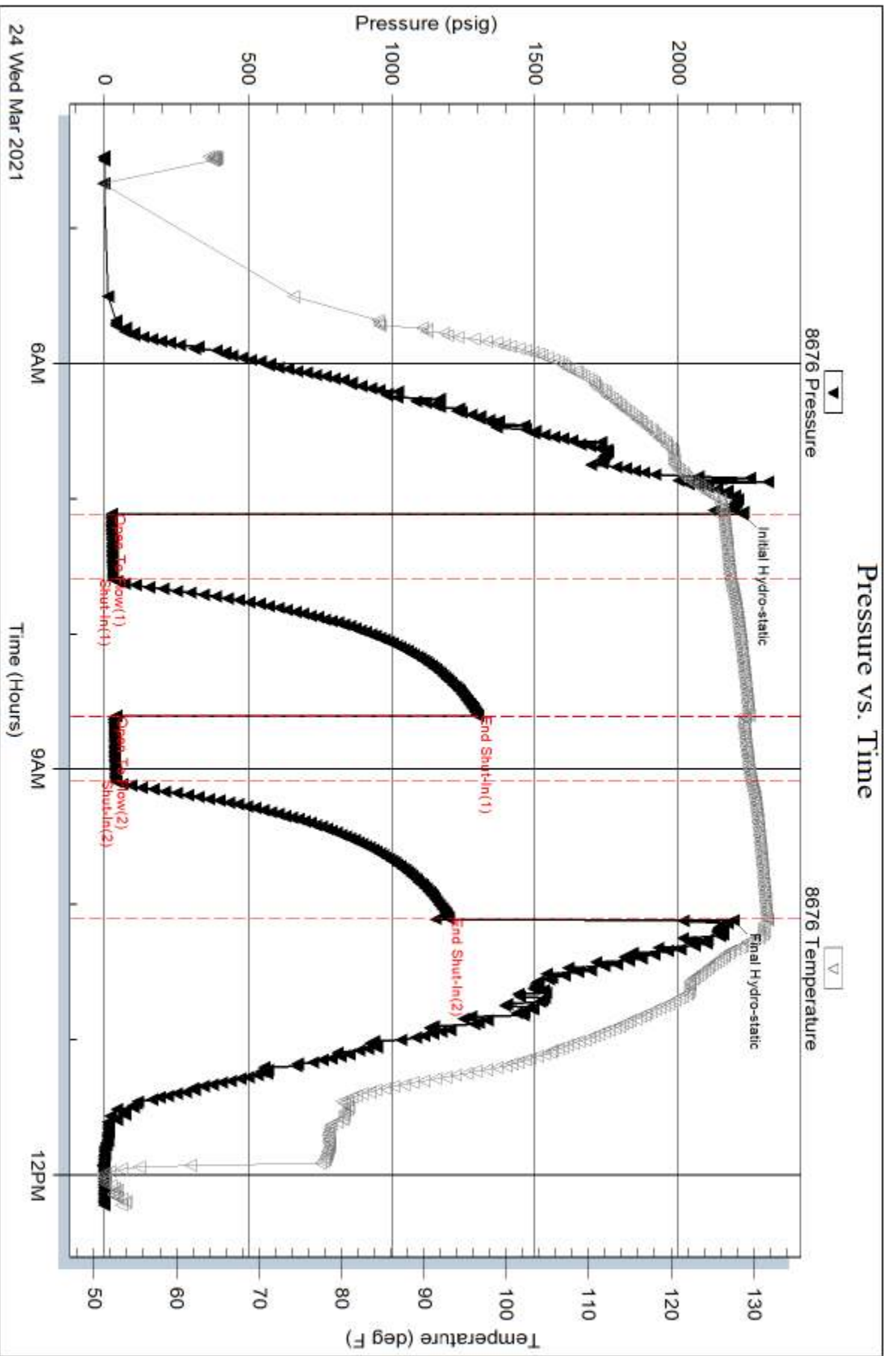
Num Gas Bombs: 0

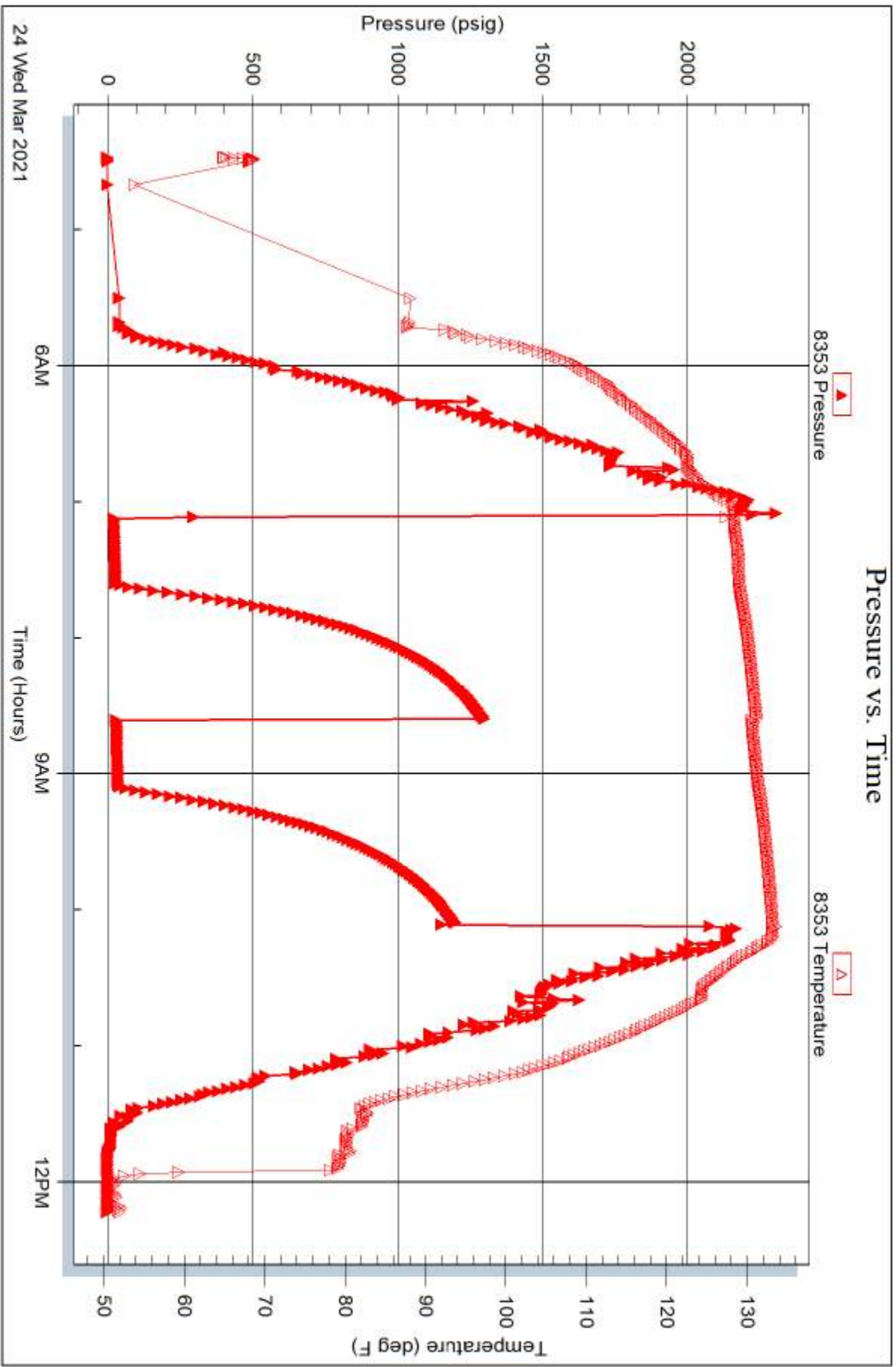
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:







TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket 66686

NO.

Well Name & No. Helene # 1-10 Test No. 1 Date 3/21/21
 Company Murkin Drilling Co. Inc. Elevation 3404 KB 3399 GL
 Address 250 N. Water STE 300 Wichita KS 67202
 Co. Rep / Geo. Samir Sharifiae Rig Murkin # 3
 Location: Sec. 10 Twp 30S Rge. 39 W Co. Cheyenne State KS

Interval Tested 4260 - 4320 Zone Tested LKC "A"
 Anchor Length 60' Drill Pipe Run 4082' Mud Wt. 8.9
 Top Packer Depth 4255 Drill Collars Run 177' Vis 55
 Bottom Packer Depth 4260 Wt. Pipe Run 0' WL 6.8
 Total Depth 4320 Chlorides 600 ppm System LCM 2
 Blow Description 30 IF - Opened tool going through bridge 10' off bottom, reset tool & bucket, 1/4" blow died back to surface
60 ISI - No return

FF - No blow, pulled test

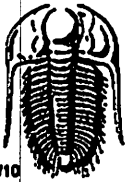
Rec	Feet of	%gas	%oil	%water	%mud
<u>120'</u>	<u>Mud</u>			<u>100</u>	
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 120' BHT 128" Gravity _____ API RW _____ @ _____ F Chlorides _____ ppm

(A) Initial Hydrostatic <u>2095</u>	<input checked="" type="checkbox"/> Test <u>1300</u>	T-On Location <u>19:15</u>
(B) First Initial Flow <u>78</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>19:52</u>
(C) First Final Flow <u>77</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>22:38</u>
(D) Initial Shut-In <u>1013</u>	<input type="checkbox"/> Circ Sub _____	T-Pulled <u>00:08</u>
(E) Second Initial Flow <u>80</u>	<input type="checkbox"/> Hourly Standby _____	T-Out <u>02:15</u>
(F) Second Final Flow <u>79</u>	<input checked="" type="checkbox"/> Mileage <u>144 RT</u> 180	Comments _____
(G) Final Shut-In _____	<input type="checkbox"/> Sampler _____	
(H) Final Hydrostatic <u>2068</u>	<input type="checkbox"/> Straddle _____	<input checked="" type="checkbox"/> EM Tool <u>350</u>
Initial Open <u>30</u>	<input type="checkbox"/> Shale Packer _____	<input type="checkbox"/> Ruined Shale Packer _____
Initial Shut-In <u>60</u>	<input type="checkbox"/> Extra Packer _____	<input type="checkbox"/> Ruined Packer _____
Final Flow _____	<input type="checkbox"/> Extra Recorder _____	<input type="checkbox"/> Extra Copies _____
Final Shut-In _____	<input type="checkbox"/> Day Standby _____	Sub Total <u>0</u>
	<input type="checkbox"/> Accessibility _____	Total <u>1805</u>
	Sub Total <u>1805</u>	MP/DST Disc't _____

Approved By _____ Our Representative [Signature]

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TRIOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket 66687

NO.

Well Name & No. Helene #1-10 Test No. 2 Date 3/22/21
 Company Martin Drilling Co. Inc. Elevation 3404 KB 7399 GL
 Address 250 N. Water STE 300 Wichita KS 67202
 Co. Rep / Geo. Saman Sharifair Rig Martin #3
 Location: Sec. 10 Twp 3S Rge. 39W Co. Cheyenne State KS

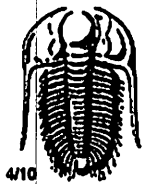
Interval Tested 4320 - 4370 Zone Tested LKC "B-D"
 Anchor Length 50' Drill Pipe Run 4143' Mud Wt. 9.0
 Top Packer Depth 4315 Drill Collars Run 177' Vis 64
 Bottom Packer Depth 4320 Wt. Pipe Run 0' WL 6.0
 Total Depth 4370 Chlorides 600 ppm System LCM 3
 Blow Description 30 IF - Surface blow built to 1/2"
60 ISF - No return
FF - No blow pulled test

Rec	Feet of	%gas	%oil	%water	%mud
<u>5'</u>	<u>Mud</u>			<u>100%</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 Total 5' BHT 126° Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic <u>2143</u>	<input checked="" type="checkbox"/> Test 1300	T-On Location <u>11:00</u>
(B) First Initial Flow <u>21</u>	<input checked="" type="checkbox"/> Jars 250	T-Started <u>11:38</u>
(C) First Final Flow <u>22</u>	<input checked="" type="checkbox"/> Safety Joint 75	T-Open <u>14:02</u>
(D) Initial Shut-In <u>637</u>	<input type="checkbox"/> Circ Sub	T-Pulled <u>15:32</u>
(E) Second Initial Flow <u>26</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>17:30</u>
(F) Second Final Flow <u>24</u>	<input checked="" type="checkbox"/> Mileage 180 <u>144 RT</u>	Comments _____
(G) Final Shut-In _____	<input type="checkbox"/> Sampler	_____
(H) Final Hydrostatic <u>2089</u>	<input type="checkbox"/> Straddle	<input checked="" type="checkbox"/> EM Tool 350
Initial Open <u>30</u>	<input type="checkbox"/> Shale Packer	<input type="checkbox"/> Ruined Shale Packer
Initial Shut-In <u>60</u>	<input type="checkbox"/> Extra Packer	<input type="checkbox"/> Ruined Packer
Final Flow _____	<input type="checkbox"/> Extra Recorder	<input type="checkbox"/> Extra Copies
Final Shut-In _____	<input type="checkbox"/> Day Standby	Sub Total <u>0</u>
	<input type="checkbox"/> Accessibility	Total <u>1805</u>
	Sub Total <u>1805</u>	MP/DST Disc't _____

Approved By _____ Our Representative [Signature]
 Triobite 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.



TRIOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket 66688

NO.

Well Name & No. Helene #1-10 Test No. 3 Date 3/23/21
 Company Murfin Drilling Co. Inc. Elevation 3404 KB 3399 GL
 Address 250 N. Water STE 300 Wichita KS 67202
 Co. Rep / Geo. Saman Sharifaie Rig Murfin #3
 Location: Sec. 10 Twp 3S Rge. 39W Co. Cheyenne State KS

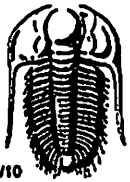
Interval Tested 4376 - 4440 Zone Tested LKC "G"
 Anchor Length 84' Drill Pipe Run 4176' Mud Wt. 9.6
 Top Packer Depth 4371 Drill Collars Run 177' Vis 62
 Bottom Packer Depth 4376 Wt. Pipe Run 0' WL 6.0
 Total Depth 4440 Chlorides 600 ppm System LCM 2
 Blow Description 30 IF - 1/2" blow built to 3/4" died back to 1/2"
60 ISI - No return
FF - No blow pulled test

Rec	Feet of	%gas	%oil	%water	%mud
<u>5</u>	<u>Mud</u>			<u>100</u>	
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 127 Gravity — API RW — @ — F Chlorides — ppm

(A) Initial Hydrostatic <u>2163</u>	<input checked="" type="checkbox"/> Test <u>1300</u>	T-On Location <u>05:00</u>
(B) First Initial Flow <u>23</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>05:35</u>
(C) First Final Flow <u>23</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>08:05</u>
(D) Initial Shut-In <u>1337</u>	<input type="checkbox"/> Circ Sub	T-Pulled <u>09:35</u>
(E) Second Initial Flow <u>28</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>11:45</u>
(F) Second Final Flow <u>26</u>	<input checked="" type="checkbox"/> Mileage <u>144 RT</u> 180	Comments
(G) Final Shut-In	<input type="checkbox"/> Sampler	
(H) Final Hydrostatic <u>2038</u>	<input type="checkbox"/> Straddle	<input checked="" type="checkbox"/> EM Tool <u>350</u>
Initial Open <u>30</u>	<input type="checkbox"/> Shale Packer	<input type="checkbox"/> Ruined Shale Packer
Initial Shut-In <u>60</u>	<input type="checkbox"/> Extra Packer	<input type="checkbox"/> Ruined Packer
Final Flow	<input type="checkbox"/> Extra Recorder	<input type="checkbox"/> Extra Copies
Final Shut-In	<input type="checkbox"/> Day Standby	Sub Total <u>0</u>
	<input type="checkbox"/> Accessibility	Total <u>1805</u>
	Sub Total <u>1805</u>	MP/DST Disc't

Approved By _____ Our Representative [Signature]
 Triobite 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.



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket 66689

NO.

Well Name & No. Helene # 1-10 Test No. 4 Date 3/24/21
 Company Murkin Drilling Co. Inc. Elevation 3404 KB 3399 GL
 Address 250 N. Water STE 300 Wichita KS 67202
 Co. Rep / Geo. Saman Sharifai Rig Murkin # 3
 Location: Sec. 10 Twp 3E Rge. 39W Co. Cheyenne State KS

Interval Tested 4438-4570 Zone Tested LKC "H-K"
 Anchor Length 132' Drill Pipe Run 4239' Mud Wt. 9.3
 Top Packer Depth 4433 Drill Collars Run 177' Vis 62
 Bottom Packer Depth 4438 Wt. Pipe Run 0' WL 6.4
 Total Depth 4570 Chlorides 600 ppm System LCM 2
 Blow Description 30 IF - 3/4" blow died back to 1/2"
60 ISI - No return
30 FF - Surface blow died @ 5 mins
60 FSI - No return

Rec	Feet of	%gas	%oil	%water	%mud
<u>5'</u>	<u>Mud</u>			<u>100%</u>	
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 132° Gravity — API RW — @ — ° F Chlorides — ppm

(A) Initial Hydrostatic <u>2224</u>	<input checked="" type="checkbox"/> Test <u>1300</u>	T-On Location <u>04:00</u>
(B) First Initial Flow <u>26</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>04:28</u>
(C) First Final Flow <u>29</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>07:06</u>
(D) Initial Shut-In <u>1302</u>	<input type="checkbox"/> Circ Sub	T-Pulled <u>10:06</u>
(E) Second Initial Flow <u>34</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>12:15</u>
(F) Second Final Flow <u>37</u>	<input checked="" type="checkbox"/> Mileage <u>360/44 RT X 2</u>	Comments <u>loaded tools @ 12:00 3/26/21</u>
(G) Final Shut-In <u>1202</u>	<input type="checkbox"/> Sampler	
(H) Final Hydrostatic <u>2193</u>	<input type="checkbox"/> Straddle	<input checked="" type="checkbox"/> EM Tool <u>350 NS</u>
Initial Open <u>30</u>	<input type="checkbox"/> Shale Packer	<input type="checkbox"/> Ruined Shale Packer
Initial Shut-In <u>10</u>	<input type="checkbox"/> Extra Packer	<input type="checkbox"/> Ruined Packer
Final Flow <u>30</u>	<input type="checkbox"/> Extra Recorder	<input type="checkbox"/> Extra Copies
Final Shut-In <u>60</u>	<input type="checkbox"/> Day Standby	Sub Total <u>0</u>
	<input type="checkbox"/> Accessibility	Total <u>1985</u>
	Sub Total <u>1985</u>	MP/DST Disc't

Approved By _____ Our Representative Ry 2 Thub

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