

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	Neal LaFon Realty Inc. dba Meridian Energy Inc.
Well Name	PEGGY SADDLER 1
Doc ID	1634249

Tops

Name	Top	Datum
Stone Corral	2688	
Topeka	3834	
Heebner	4026	
Lansing	4065	
BKC	4339	
Pleasanton	4348	
Marmaton	4363	
Altamont	4378	
Pawnee	4445	
Fort Scott	4510	
Cherokee	4540	
Mississippian	4642	



785-953-0222

TICKET NUMBER 1466 K-C
 LOCATION Hugo ton, Ks
 FOREMAN Walt Dunkel

**FIELD TICKET & TREATMENT REPORT
 CEMENT**

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
<u>-1-30-22</u>		<u>Peggy Sattler #1</u>	<u>21</u>	<u>8^S</u>	<u>32^W</u>	<u>Thomas</u>
CUSTOMER			TRUCK #	DRIVER	TRUCK #	DRIVER
<u>Meridian Energy, Inc.</u>			<u>103</u>	<u>Cory D</u>		
MAILING ADDRESS			<u>800-850</u>	<u>Jason A.</u>		
CITY	STATE	ZIP CODE				
		<u>1/2 W</u>				

JOB TYPE PTA HOLE SIZE 7 7/8 HOLE DEPTH 4670' CASING SIZE & WEIGHT _____
 CASING DEPTH _____ DRILL PIPE 4 1/2" TUBING _____ OTHER _____
 SLURRY WEIGHT 13.5 SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING _____
 DISPLACEMENT _____ DISPLACEMENT PSI _____ MIX PSI _____ RATE _____

REMARKS: Safety Meeting, Rig up on 2-D Dths, Plug as ordered

- 50 sks @ 2,700'
- 100 sks @ 1,800'
- 50 sks @ 350'
- 10 sks @ 40'
- 30 sks in R.H.

*Thank You
 Walt + crew*

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
	<u>1</u>	<u>PUMP CHARGE</u>	<u>1,500.00</u>	<u>1,500.00</u>
	<u>20</u>	<u>MILEAGE</u>	<u>7.15</u>	<u>143.00</u>
	<u>10.32</u>	<u>Ton Mileage Delivery</u>	<u>1.75</u>	<u>660.00</u>
	<u>240 sks</u>	<u>Lite-Weight Blend X</u>	<u>16.00</u>	<u>3,840.00</u>
	<u>60 #</u>	<u>Flo-Seal</u>	<u>3.00</u>	<u>180.00</u>
				<u>6,323.00</u>
		<u>Less 25% Disc</u>		<u>-1,580.75</u>
				<u>4,742.25</u>
			SALES TAX	
			ESTIMATED TOTAL	

AUTHORIZATION [Signature] TITLE _____ DATE _____

I acknowledge that the payments 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.



785-953-0222

TICKET NUMBER 1459 K-C
 LOCATION Hugoton 12
 FOREMAN Walt Dinkel

**FIELD TICKET & TREATMENT REPORT
 CEMENT**

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
1-17-22		Peggy-Saddler #1	21	8S	32W	Thomas
CUSTOMER Meridian Energy, Inc			Calkley North to Rd 0 2-West n into			
MAILING ADDRESS 1475 Ward Dr.			TRUCK # 103	DRIVER Cory D.	TRUCK #	DRIVER
CITY Franktown			800-850	Nathan S.		
STATE CO	ZIP CODE 80116					

JOB TYPE Surface HOLE SIZE 12 1/4" HOLE DEPTH 309' CASING SIZE & WEIGHT 85/8 - 23#
 CASING DEPTH 306' DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT 15.2 SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING 15' 20"
 DISPLACEMENT 18 1/4 DISPLACEMENT PSI _____ MIX PSI _____ RATE 4 BPM

REMARKS: Safety Meeting, Rig up on L-D Drls, Circ casing on bottom, mix 200 SKS com, 3% CC - 2% Cel, Displace 10 1/4 BBL H2O, Shut in

Cement Did Circ
Approx 3 BBL to RTF

Thank You
Walt Dinkel

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
	1	PUMP CHARGE	1,150.00	1,150.00
	20	MILEAGE	7.15	143.00
	9.4	Ton Mileage Delivery	1.25	660.00
	200 SKS	Surface Blend 11	24.00	4,800.00
				6,753.00
		Less 25% Disc	-	1,688.25
				5,064.75
			SALES TAX	
			ESTIMATED	
			TOTAL	

AUTHORIZATION Daniel R. Breaux TITLE _____ DATE _____

I acknowledge that the payments 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.



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Meridian Energy Inc

21-8s-32w Thomas Ks

1475 Ward Dr
Franktown Co 80116

Peggy Saddler #1

ATTN: Weston Lafon

Job Ticket: 68386

DST#: 1

Test Start: 2022.01.23 @ 20:20:30

GENERAL INFORMATION:

Formation: **Topeka**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 22:35:00

Time Test Ended: 03:05:30

Test Type: Conventional Bottom Hole (Initial)

Tester: Brandon Turley

Unit No: 79

Interval: 3920.00 ft (KB) To 3987.00 ft (KB) (TVD)

Reference Elevations: 3091.00 ft (KB)

Total Depth: 3987.00 ft (KB) (TVD)

3086.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 5.00 ft

Serial #: 8674 Outside

Press@RunDepth: 122.88 psig @ 3921.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2022.01.23

End Date:

2022.01.24

Last Calib.: 2022.01.24

Start Time: 20:20:35

End Time:

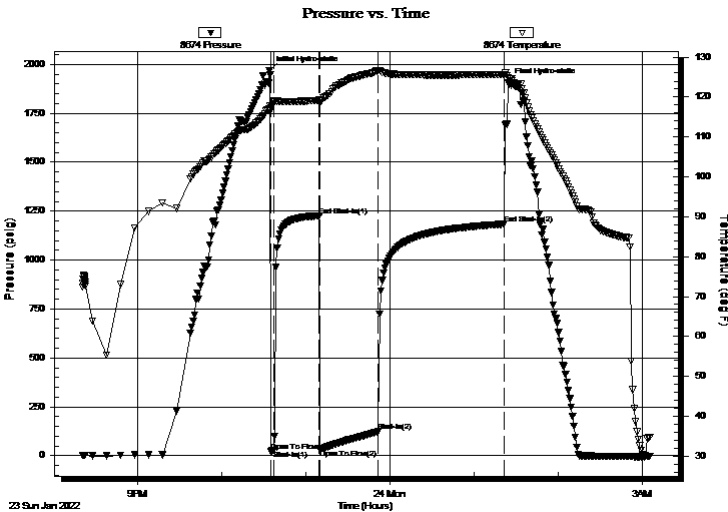
03:05:29

Time On Btm: 2022.01.23 @ 22:34:00

Time Off Btm: 2022.01.24 @ 01:24:30

TEST COMMENT: IF: 2" blow.
IS: No return.
FF: BOB in 30 mins. 13"
FS: No return. 2-30-45-90

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1969.45	116.95	Initial Hydro-static
1	23.53	116.53	Open To Flow (1)
3	27.65	118.77	Shut-In(1)
36	1226.37	119.20	End Shut-In(1)
36	31.22	118.66	Open To Flow (2)
78	122.88	126.61	Shut-In(2)
168	1183.90	125.66	End Shut-In(2)
171	1908.63	124.72	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
126.00	mcw 80%w 20%m	1.77
88.00	w cm 20%w 80%m	1.23

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Meridian Energy Inc

21-8s-32w Thomas Ks

1475 Ward Dr
Franktown Co 80116

Peggy Saddler #1

Job Ticket: 68386

DST#: 1

ATTN: Weston Lafon

Test Start: 2022.01.23 @ 20:20:30

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

29000 ppm

Viscosity: 49.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.20 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 2000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
126.00	mcw 80%w 20%m	1.767
88.00	w cm 20%w 80%m	1.234

Total Length: 214.00 ft Total Volume: 3.001 bbl

Num Fluid Samples: 0

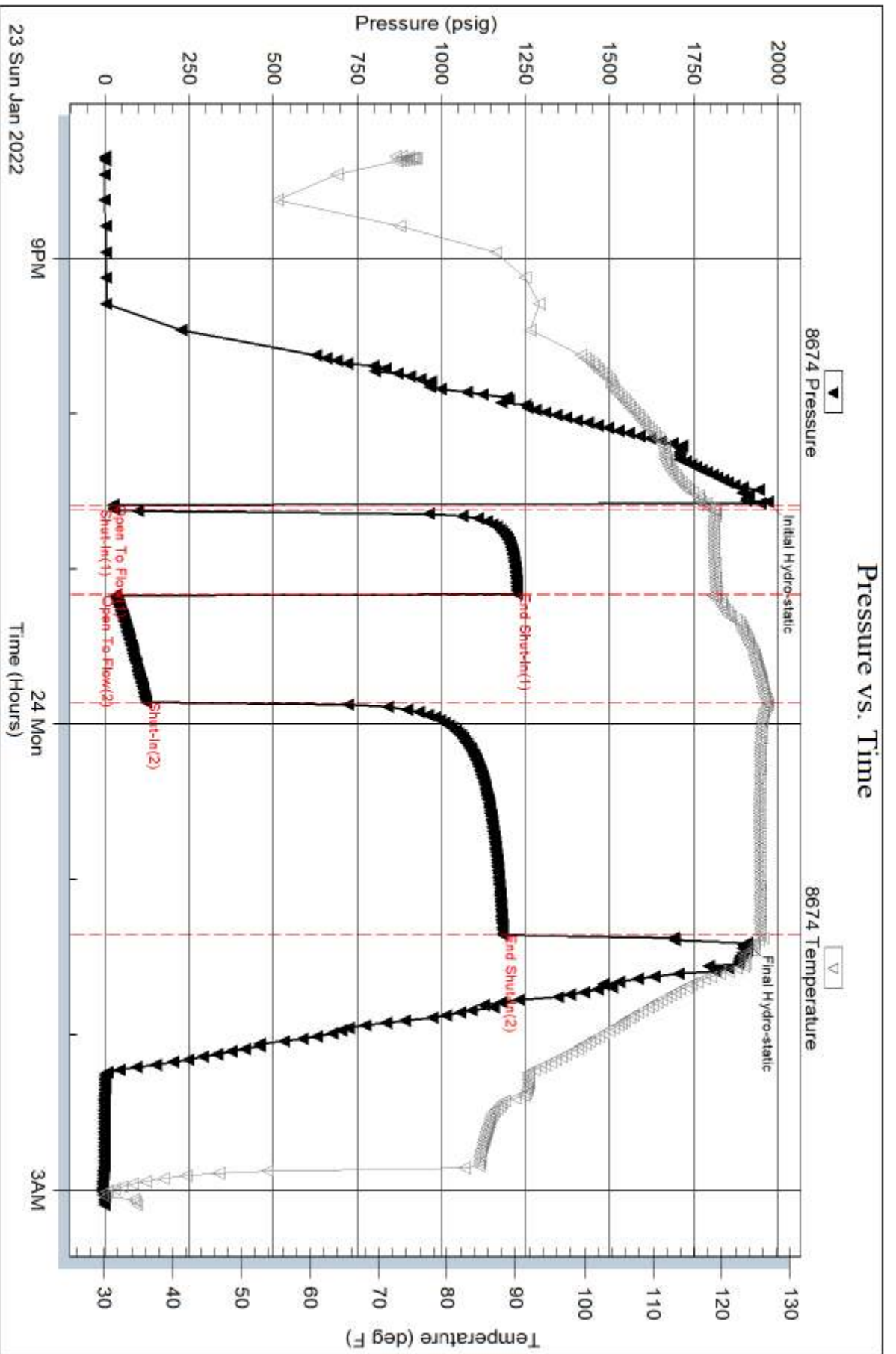
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: .55@30=29000



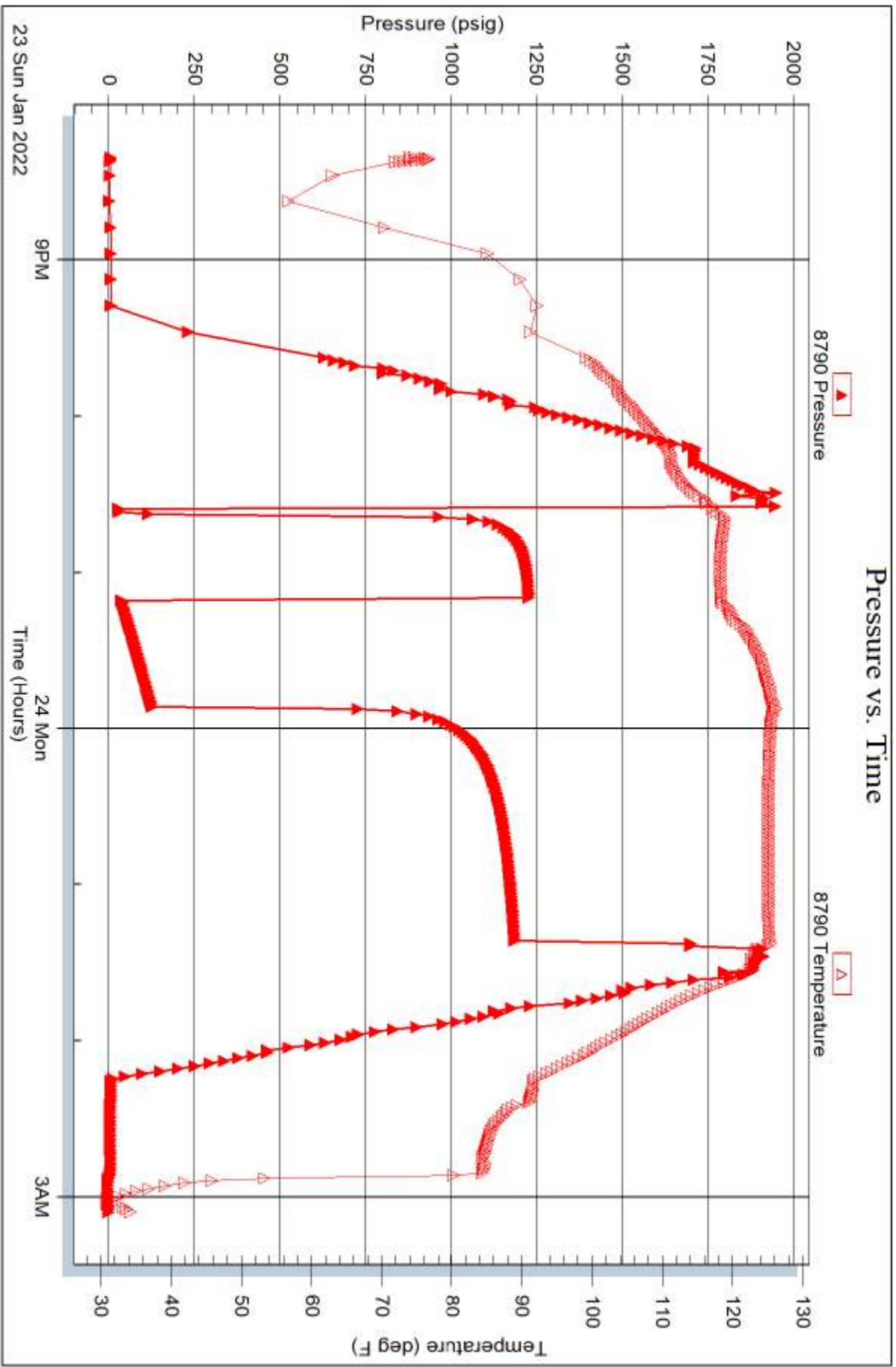
Serial #: 8790

Inside

Meridian Energy Inc

Peggy Saddle #1

DST Test Number: 1





**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Meridian Energy Inc

21-8s-32w Thomas Ks

1475 Ward Dr
Franktown Co 80116

Peggy Saddler #1

ATTN: Weston Lafon

Job Ticket: 68387

DST#: 2

Test Start: 2022.01.24 @ 21:25:53

GENERAL INFORMATION:

Formation: **LKC A-B**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 23:56:18

Time Test Ended: 04:54:47

Test Type: Conventional Bottom Hole (Reset)

Tester: Brandon Turley

Unit No: 79

Interval: 4055.00 ft (KB) To 4150.00 ft (KB) (TVD)

Reference Elevations: 3091.00 ft (KB)

Total Depth: 4150.00 ft (KB) (TVD)

3086.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 5.00 ft

Serial #: 8674 Outside

Press@RunDepth: 352.58 psig @ 4056.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2022.01.24

End Date:

2022.01.25

Last Calib.:

2022.01.25

Start Time: 21:25:53

End Time:

04:54:47

Time On Btm:

2022.01.24 @ 23:55:48

Time Off Btm:

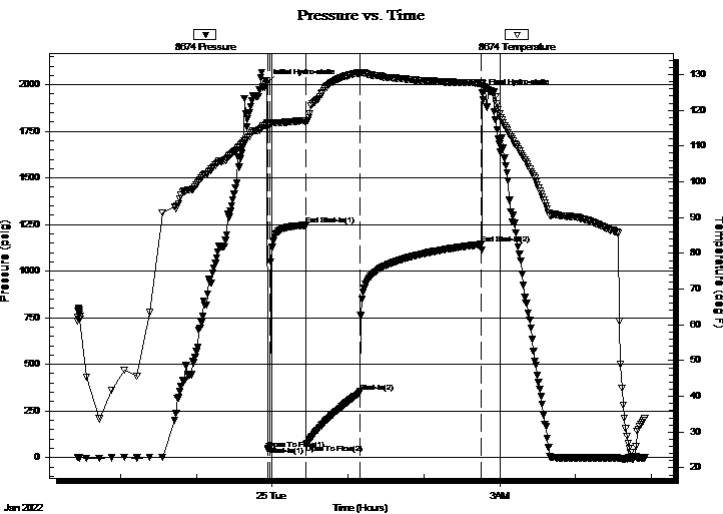
2022.01.25 @ 02:46:17

TEST COMMENT: IF: 5"

IS: No return.

FF: BBO in 7 mins. 60"

FS: No return. 2-30-45-90



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2006.51	116.47	Initial Hydro-static
1	44.59	116.07	Open To Flow (1)
2	58.20	116.24	Shut-In(1)
31	1246.51	117.18	End Shut-In(1)
31	71.94	116.53	Open To Flow (2)
74	352.58	130.46	Shut-In(2)
170	1143.56	127.60	End Shut-In(2)
171	1954.79	127.80	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
315.00	mcw 90%w 10%m	4.42
189.00	mcw 50%w 50%m	2.65
189.00	w cm 5%w 95%m	2.65

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Meridian Energy Inc

21-8s-32w Thomas Ks

1475 Ward Dr
Franktown Co 80116

Peggy Saddler #1

Job Ticket: 68387

DST#: 2

ATTN: Weston Lafon

Test Start: 2022.01.24 @ 21:25:53

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

52000 ppm

Viscosity: 53.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.58 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 2500.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
315.00	mcw 90%w 10%m	4.419
189.00	mcw 50%w 50%m	2.651
189.00	w cm 5%w 95%m	2.651

Total Length: 693.00 ft Total Volume: 9.721 bbl

Num Fluid Samples: 0

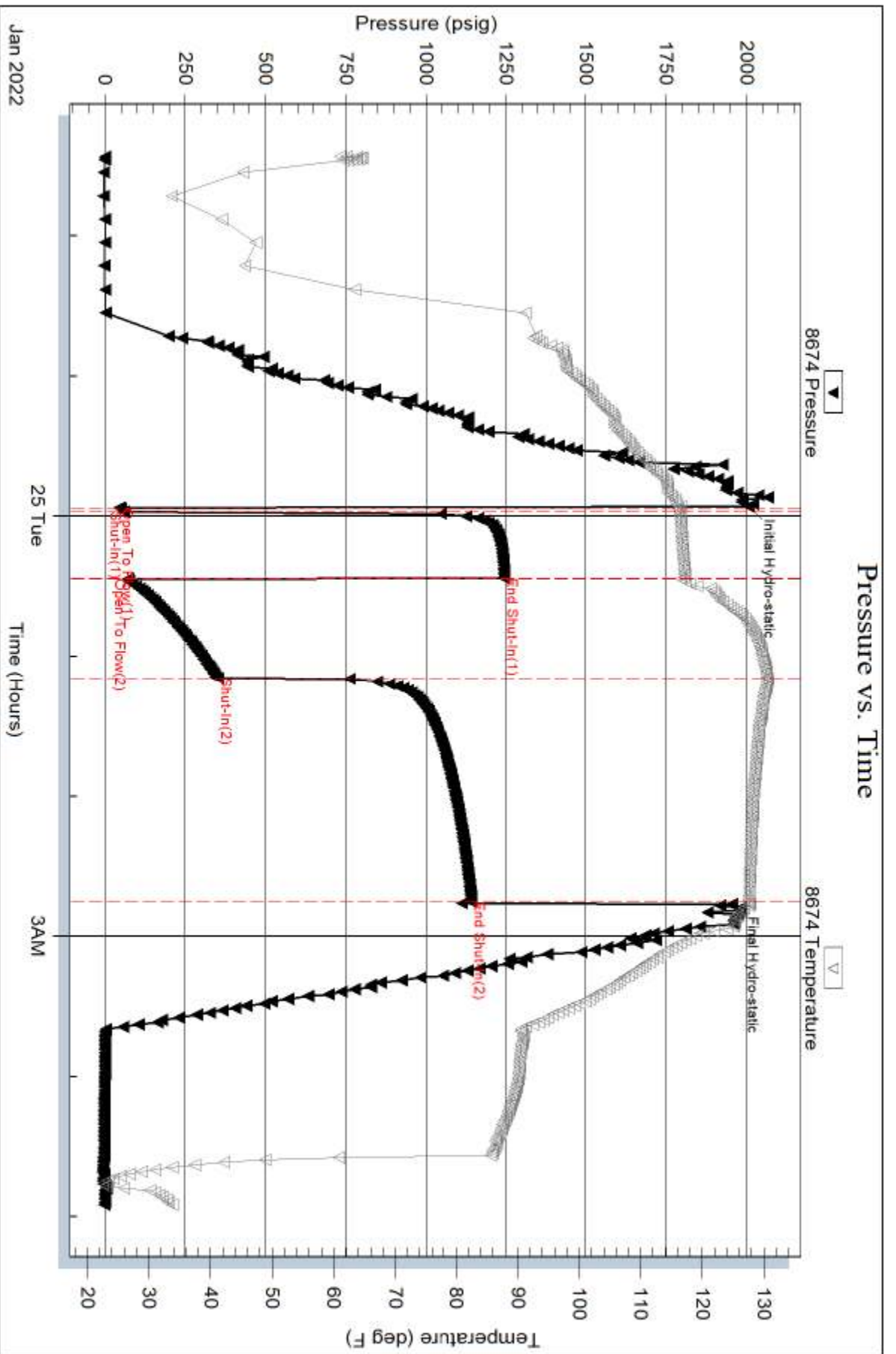
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: .53@20=52000



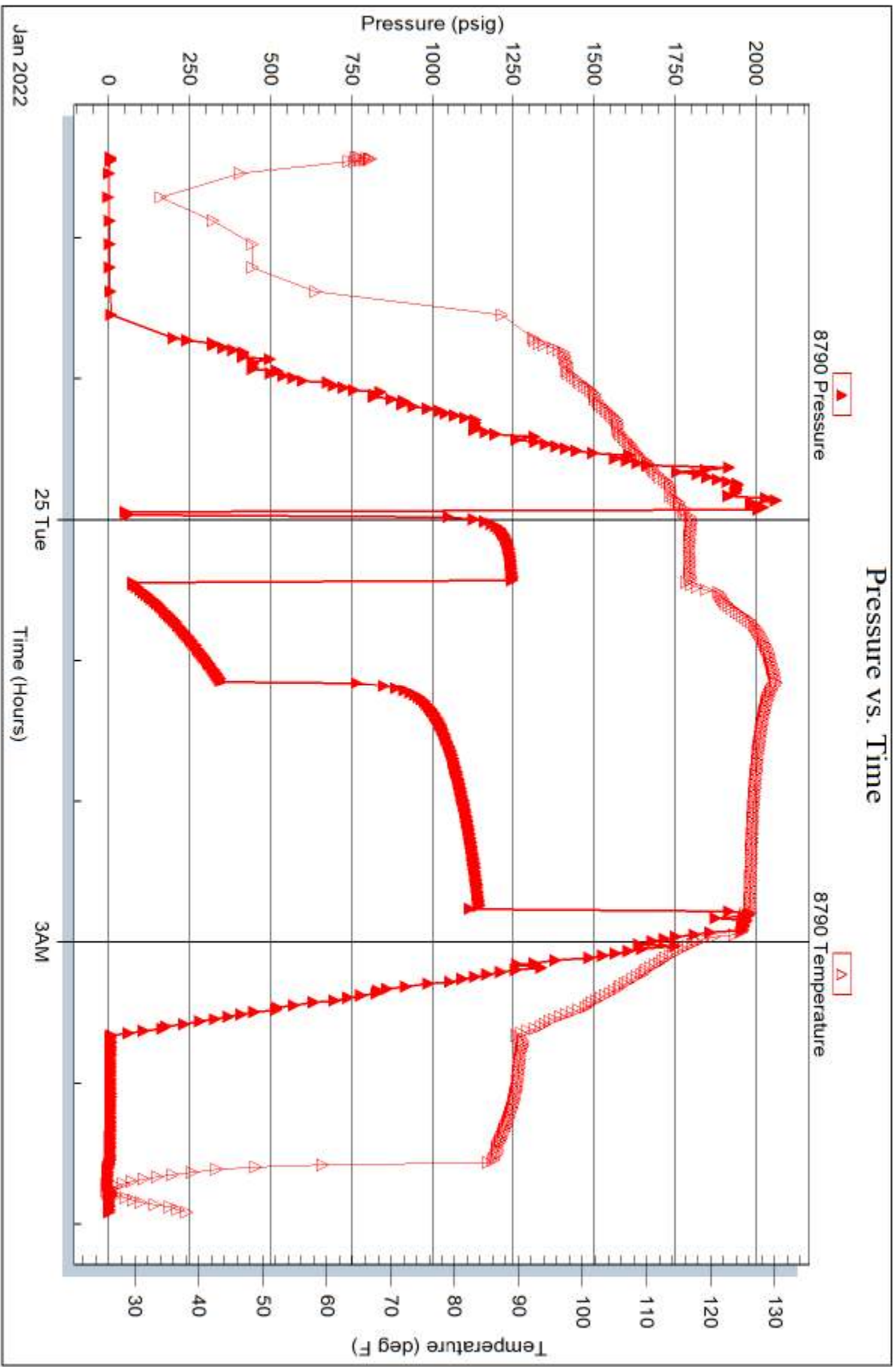
Serial #: 8790

Inside

Meridian Energy Inc

Peggy Saddle #1

DST Test Number: 2





**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Meridian Energy Inc

21-8s-32w Thomas Ks

1475 Ward Dr
Franktown Co 80116

Peggy Saddler #1

ATTN: Weston Lafon

Job Ticket: 68388

DST#: 3

Test Start: 2022.01.26 @ 02:00:17

GENERAL INFORMATION:

Formation: **BKC**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 04:16:17

Time Test Ended: 08:43:47

Test Type: Conventional Bottom Hole (Reset)

Tester: Brandon Turley

Unit No: 79

Interval: 4229.00 ft (KB) To 4325.00 ft (KB) (TVD)

Reference Elevations: 3091.00 ft (KB)

Total Depth: 4325.00 ft (KB) (TVD)

3086.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 5.00 ft

Serial #: 8674 Outside

Press@RunDepth: 28.14 psig @ 4230.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2022.01.26

End Date:

2022.01.26

Last Calib.:

2022.01.26

Start Time: 02:00:22

End Time:

08:43:46

Time On Btm:

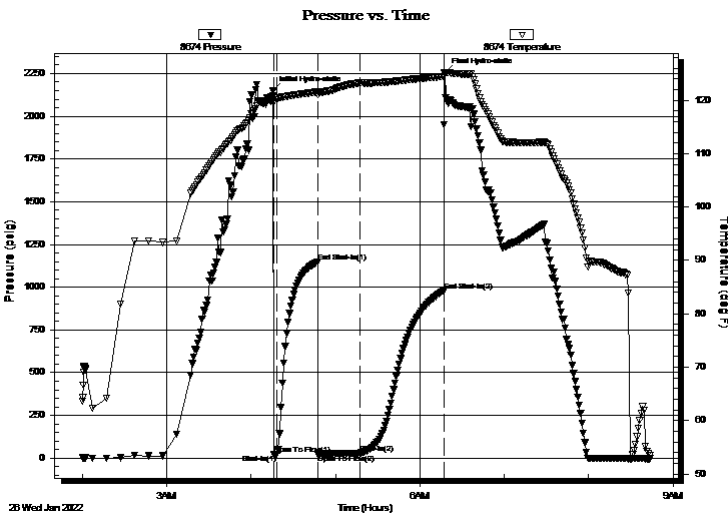
2022.01.26 @ 04:15:47

Time Off Btm:

2022.01.26 @ 06:17:47

TEST COMMENT: IF: Surface blow built to 1/4.
IS: No return.
FF: Surface blow built to 1/2.
FS: No return. 2-30-30-60

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2150.01	120.83	Initial Hydro-static
1	22.72	119.57	Open To Flow (1)
3	23.10	120.40	Shut-In(1)
32	1147.53	121.57	End Shut-In(1)
32	24.03	121.10	Open To Flow (2)
62	28.14	123.26	Shut-In(2)
121	978.89	124.48	End Shut-In(2)
122	2256.55	125.20	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
20.00	mud 100%m	0.28

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Meridian Energy Inc

21-8s-32w Thomas Ks

1475 Ward Dr
Franktown Co 80116

Peggy Saddler #1

Job Ticket: 68388

DST#: 3

ATTN: Weston Lafon

Test Start: 2022.01.26 @ 02:00:17

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 46.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.20 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 3400.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
20.00	mud 100%m	0.281

Total Length: 20.00 ft Total Volume: 0.281 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

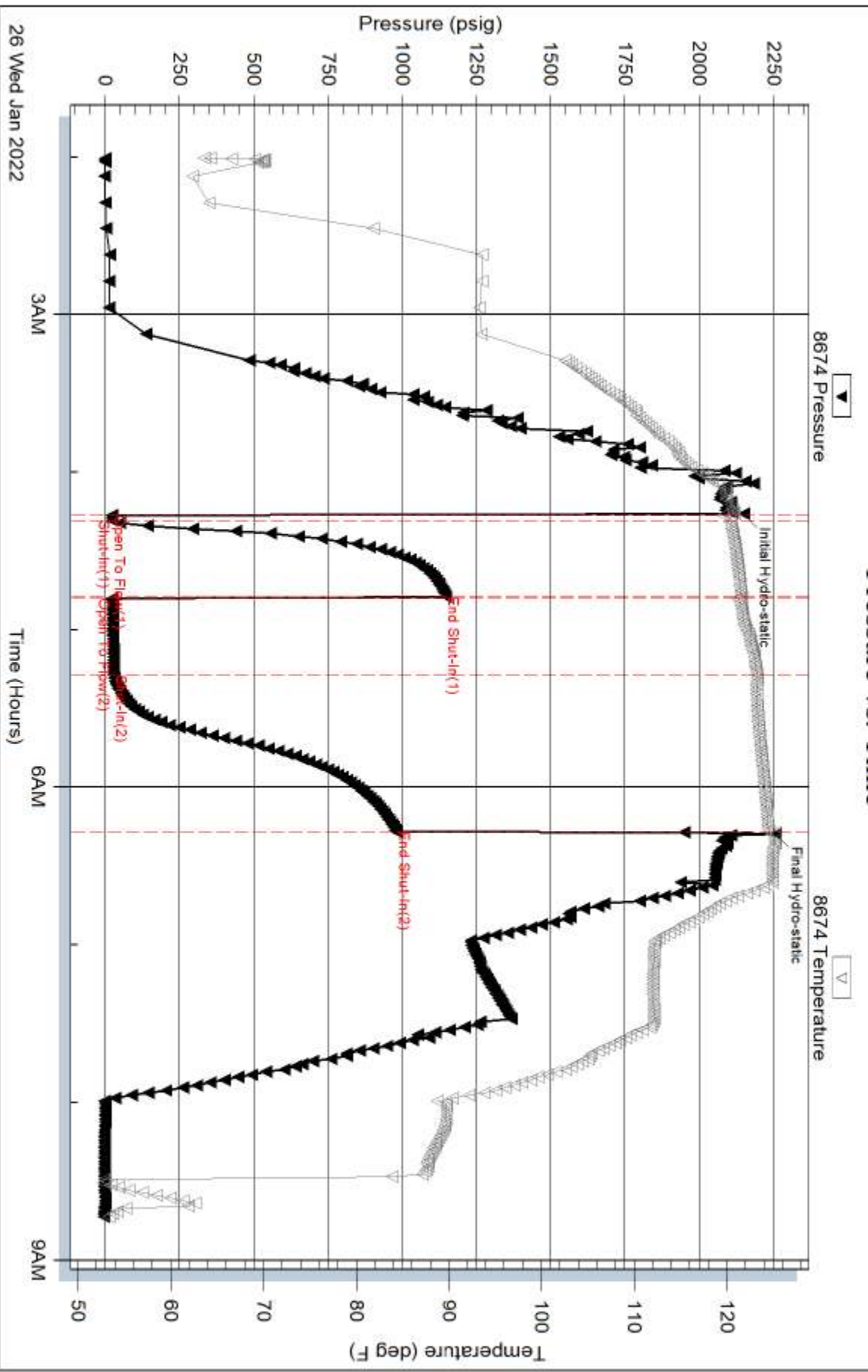
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time



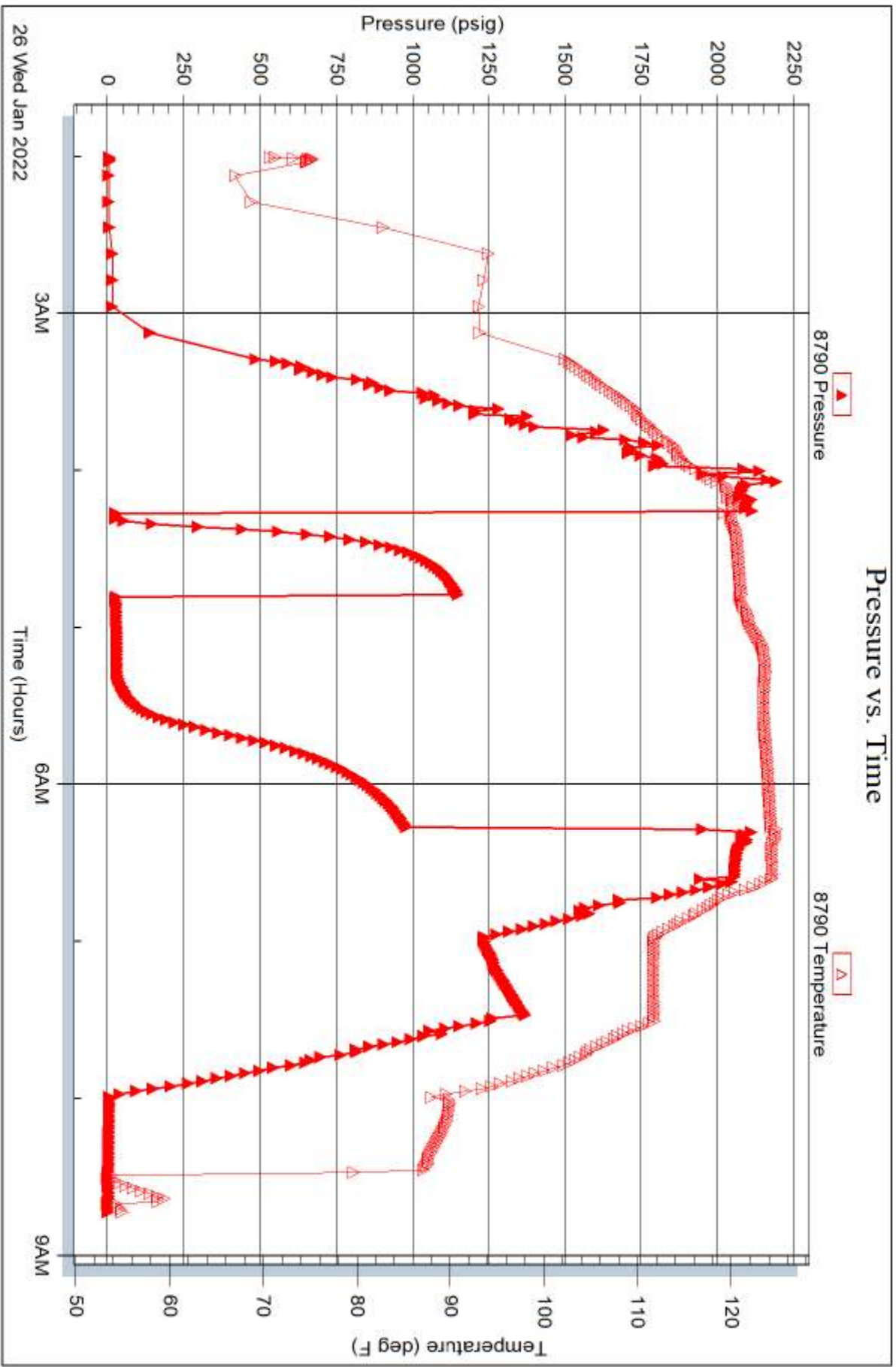
Serial #: 8790

Inside

Meridian Energy Inc

Peggy Saddle #1

DST Test Number: 3





**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Meridian Energy Inc

21-8s-32w Thomas Ks

1475 Ward Dr
Franktown Co 80116

Peggy Saddler #1

Job Ticket: 68389

DST#: 4

ATTN: Weston Lafon

Test Start: 2022.01.27 @ 01:48:35

GENERAL INFORMATION:

Formation: **Altamont**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 03:56:35

Time Test Ended: 09:34:35

Test Type: Conventional Bottom Hole (Reset)

Tester: Brandon Turley

Unit No: 79

Interval: 4362.00 ft (KB) To 4439.00 ft (KB) (TVD)

Reference Elevations: 3091.00 ft (KB)

Total Depth: 4439.00 ft (KB) (TVD)

3086.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 5.00 ft

Serial #: 8674 Outside

Press@RunDepth: 694.32 psig @ 4363.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2022.01.27

End Date: 2022.01.27

Last Calib.: 2022.01.27

Start Time: 01:48:40

End Time: 09:34:34

Time On Btm: 2022.01.27 @ 03:55:05

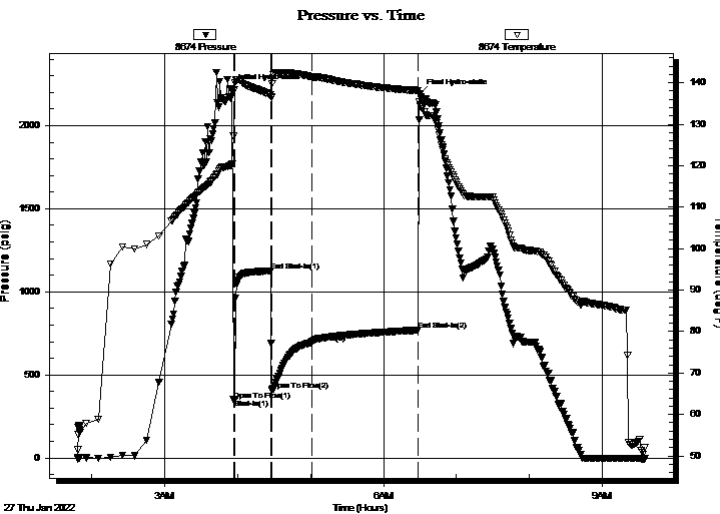
Time Off Btm: 2022.01.27 @ 06:30:05

TEST COMMENT: IF: 28"

IS: No return.

FF: BOB in 1 min. 106"

FS: No return. 2-30-30-90



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2222.17	120.14	Initial Hydro-static
2	350.77	127.13	Open To Flow (1)
3	355.10	139.97	Shut-In(1)
32	1125.25	137.11	End Shut-In(1)
33	410.40	136.38	Open To Flow (2)
66	694.32	141.42	Shut-In(2)
154	769.39	138.11	End Shut-In(2)
155	2189.78	134.39	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
882.00	water 100%w	12.37
315.00	mcw 90%w 10%m	4.42
252.00	w cm 30%w 70%m	3.53

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Meridian Energy Inc

21-8s-32w Thomas Ks

1475 Ward Dr
Franktown Co 80116

Peggy Saddler #1

Job Ticket: 68389

DST#: 4

ATTN: Weston Lafon

Test Start: 2022.01.27 @ 01:48:35

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

46000 ppm

Viscosity: 49.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.78 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 3300.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
882.00	water 100%w	12.372
315.00	mcw 90%w 10%m	4.419
252.00	w cm 30%w 70%m	3.535

Total Length: 1449.00 ft Total Volume: 20.326 bbl

Num Fluid Samples: 0

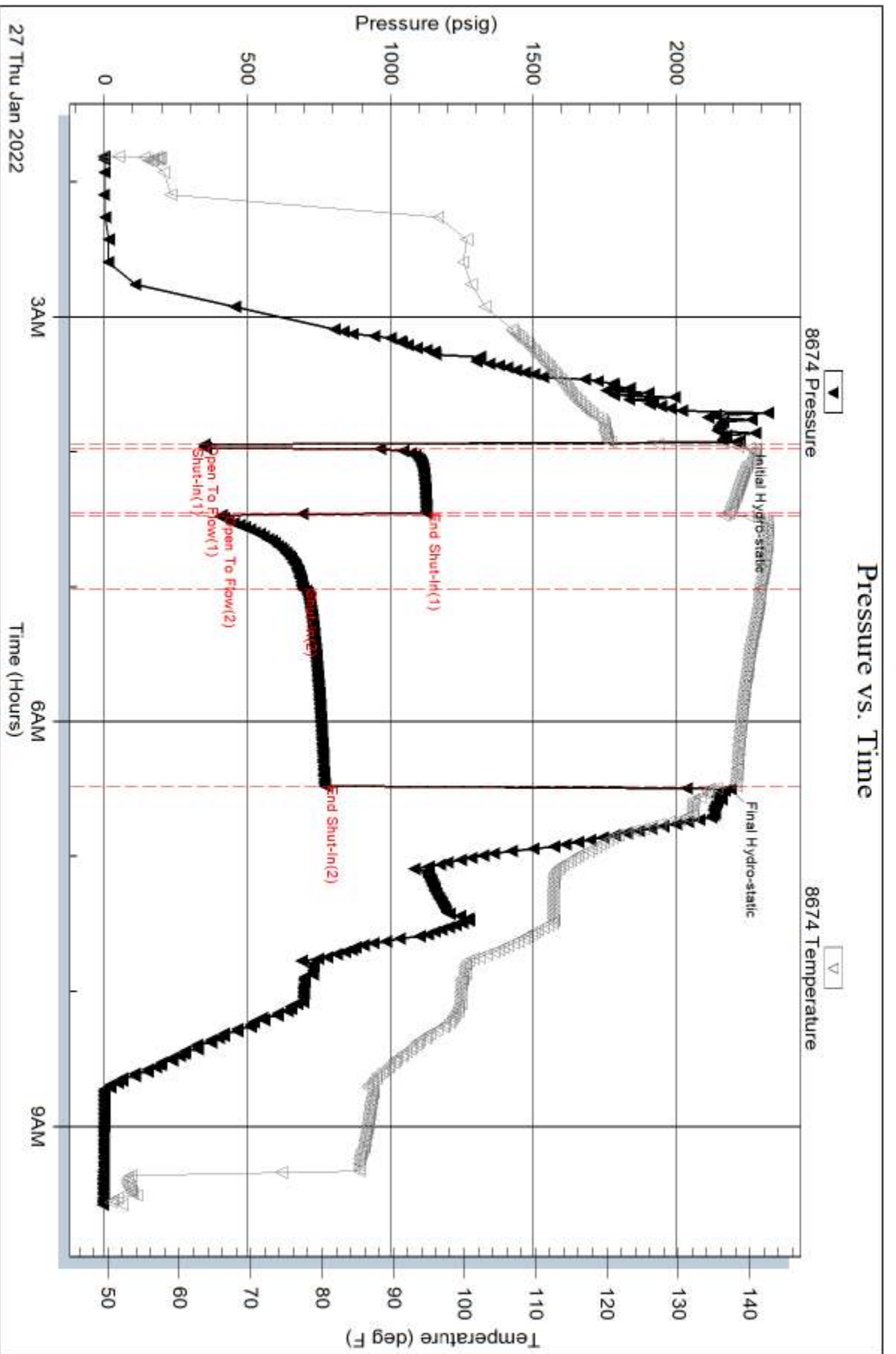
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: .25@46=46000



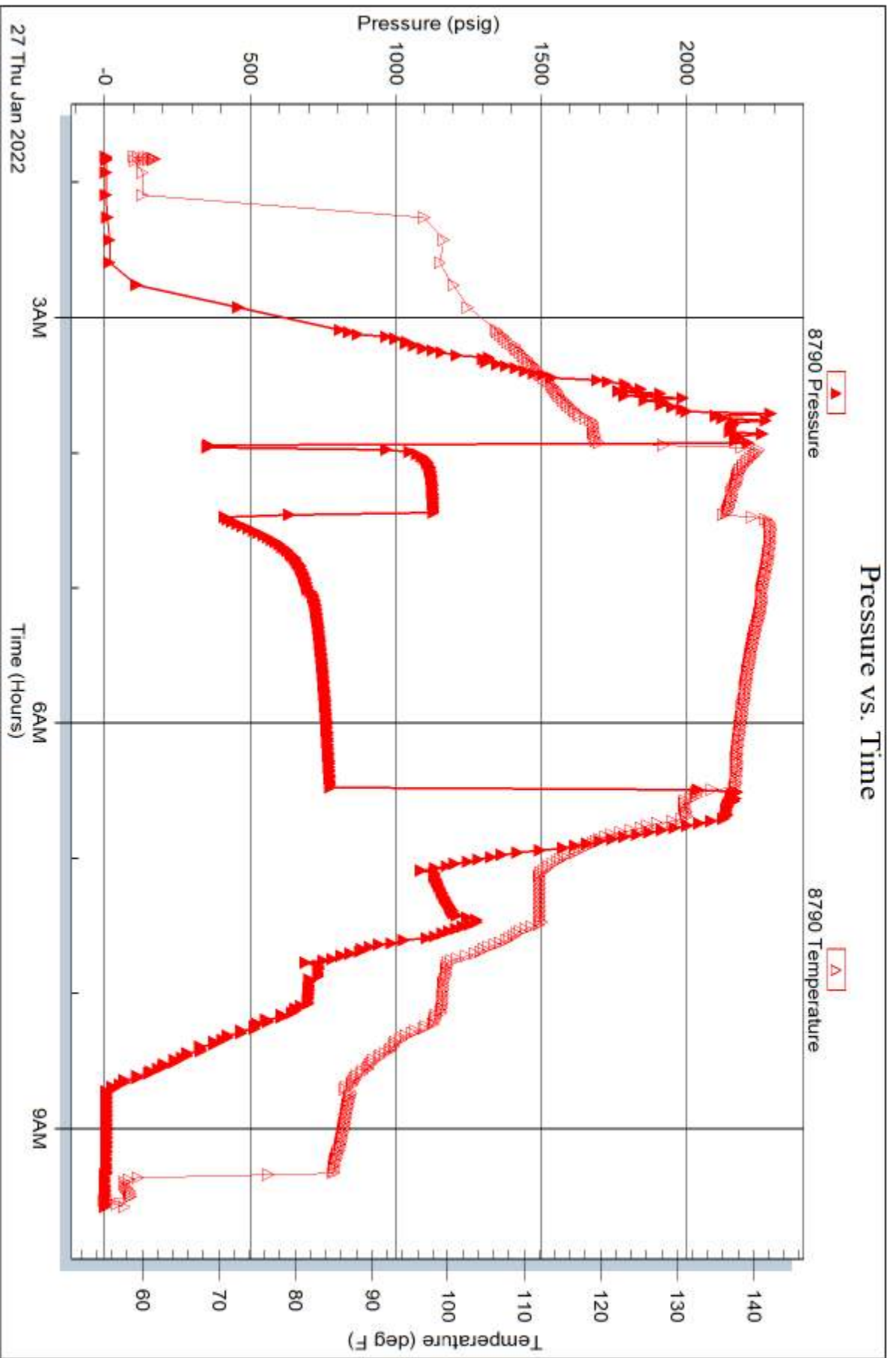
Serial #: 8790

Inside

Meridian Energy Inc

Peggy Saddle #1

DST Test Number: 4





**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Meridian Energy Inc

21-8s-32w Thomas Ks

1475 Ward Dr
Franktown Co 80116

Peggy Saddler #1

ATTN: Weston Lafon

Job Ticket: 68390

DST#: 5

Test Start: 2022.01.27 @ 20:40:59

GENERAL INFORMATION:

Formation: **Pawnee**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 23:03:59

Time Test Ended: 03:08:29

Test Type: Conventional Bottom Hole (Reset)

Tester: Brandon Turley

Unit No: 79

Interval: 4430.00 ft (KB) To 4505.00 ft (KB) (TVD)

Total Depth: 4505.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 3091.00 ft (KB)

3086.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 8674 Outside

Press@RunDepth: 23.42 psig @ 4431.00 ft (KB)

Start Date: 2022.01.27

End Date: 2022.01.28

Start Time: 20:41:04

End Time: 03:08:28

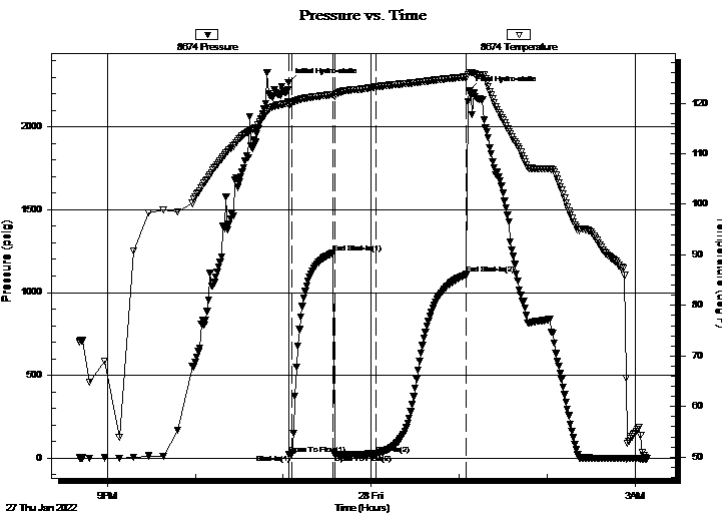
Capacity: 8000.00 psig

Last Calib.: 2022.01.28

Time On Btm: 2022.01.27 @ 23:03:29

Time Off Btm: 2022.01.28 @ 01:06:59

TEST COMMENT: IF: 1/2 blow
IS: No return.
FF: Surface blow built to 3/4.
FS: No return. 2-30-30-60



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2267.31	120.28	Initial Hydro-static
1	21.00	119.59	Open To Flow (1)
2	21.07	119.98	Shut-In(1)
31	1238.45	121.74	End Shut-In(1)
32	21.23	121.31	Open To Flow (2)
60	23.42	123.26	Shut-In(2)
122	1109.43	125.20	End Shut-In(2)
124	2218.00	126.10	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
15.00	mud oil spots 100%m	0.21

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Meridian Energy Inc

21-8s-32w Thomas Ks

1475 Ward Dr
Franktown Co 80116

Peggy Saddler #1

Job Ticket: 68390

DST#: 5

ATTN: Weston Lafon

Test Start: 2022.01.27 @ 20:40:59

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 53.00 sec/qt

Cushion Volume:

bbf

Water Loss: 9.59 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 4000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbf
15.00	mud oil spots 100%m	0.210

Total Length: 15.00 ft Total Volume: 0.210 bbf

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

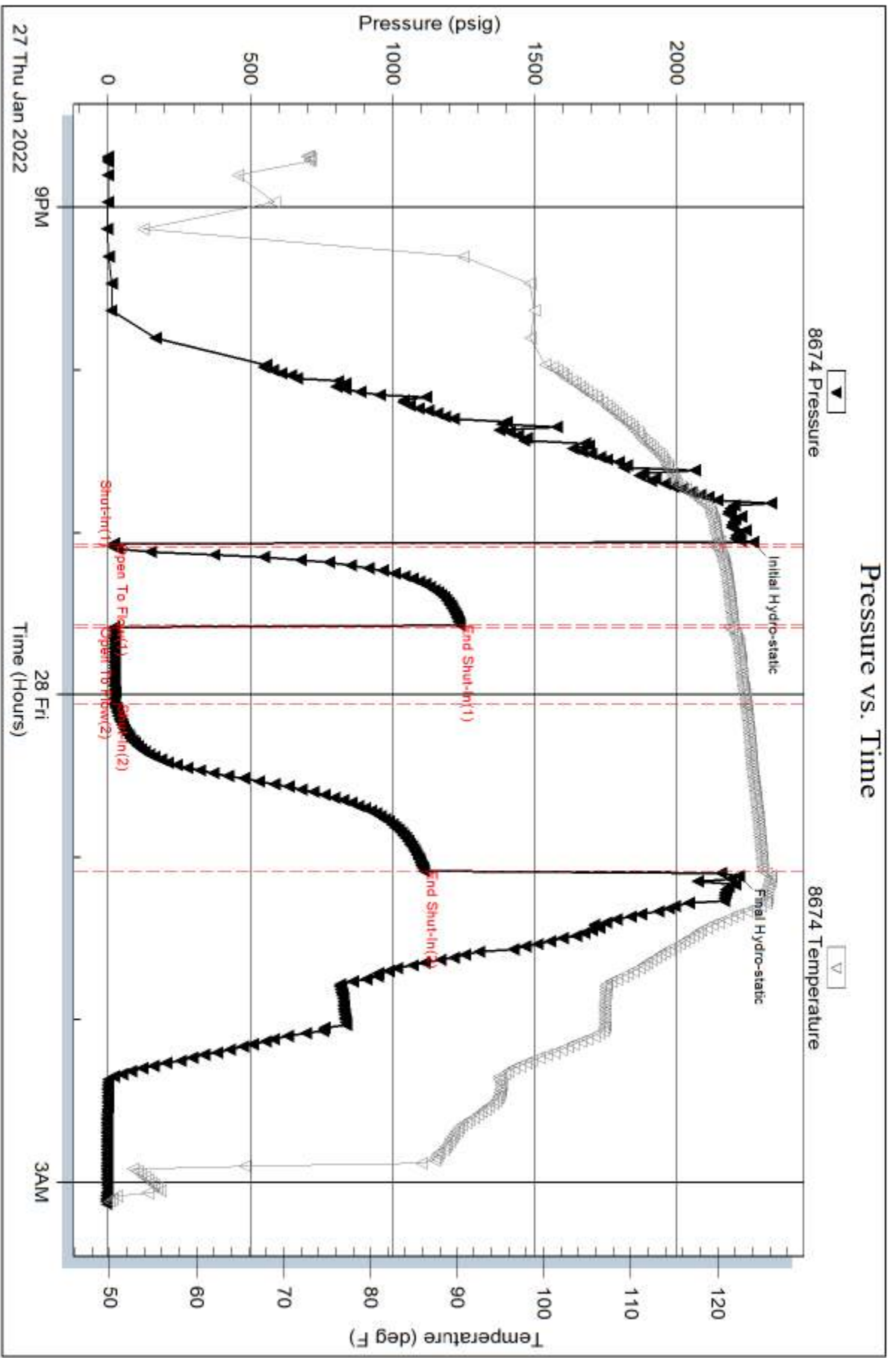
Recovery Comments:

Serial #: 8674

Outside Meridian Energy Inc

Peggy Saddle #1

DST Test Number: 5



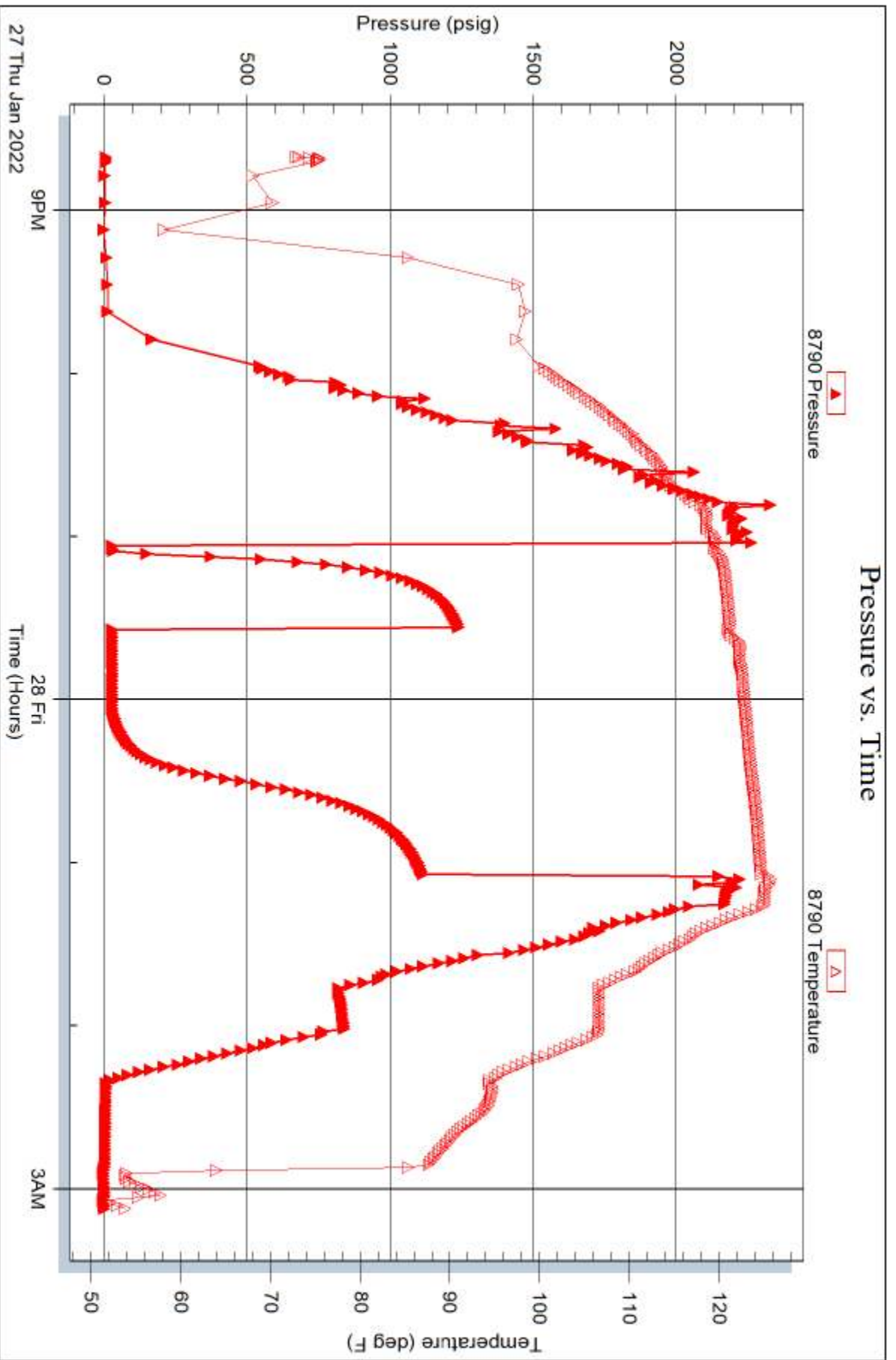
Serial #: 8790

Inside

Meridian Energy Inc

Peggy Saddle #1

DST Test Number: 5



Trilobite Testing, Inc

Ref. No: 68390

Printed: 2022.01.28 @ 07:33:50



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Meridian Energy Inc

21-8s-32w Thomas Ks

1475 Ward Dr
Franktown Co 80116

Peggy Saddler #1

ATTN: Weston Lafon

Job Ticket: 68391

DST#: 6

Test Start: 2022.01.28 @ 17:07:10

GENERAL INFORMATION:

Formation: **Cherokee**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 19:40:10

Time Test Ended: 01:01:10

Test Type: Conventional Bottom Hole (Reset)

Tester: Brandon Turley

Unit No: 79

Interval: 4502.00 ft (KB) To 4604.00 ft (KB) (TVD)

Reference Elevations: 3091.00 ft (KB)

Total Depth: 4502.00 ft (KB) (TVD)

3086.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 5.00 ft

Serial #: 8674 Outside

Press@RunDepth: 184.95 psig @ 4503.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2022.01.28

End Date:

2022.01.29

Last Calib.:

2022.01.29

Start Time: 17:07:15

End Time:

01:01:09

Time On Btm:

2022.01.28 @ 19:39:10

Time Off Btm:

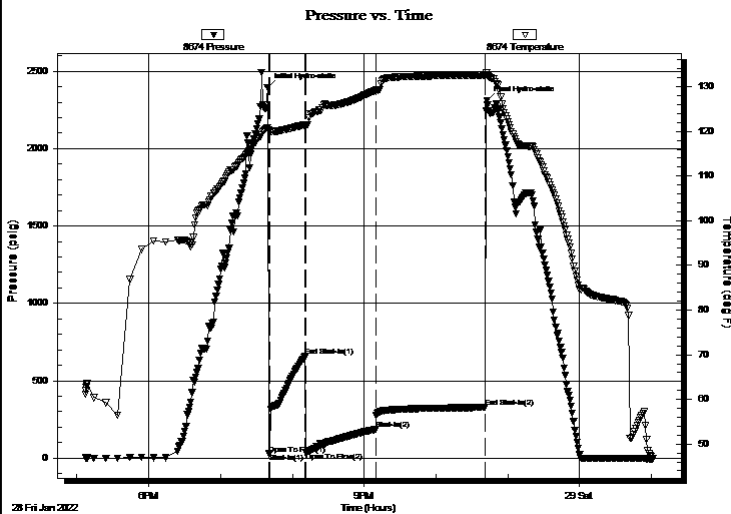
2022.01.28 @ 22:42:40

TEST COMMENT: IF: 1 1/2

IS: No return.

FF: BOB in 30 mins. 13 3/4.

FS: No return. 2-30-60-90



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2395.58	120.89	Initial Hydro-static
1	26.73	120.26	Open To Flow (1)
2	30.02	120.18	Shut-In(1)
32	655.37	121.50	End Shut-In(1)
32	34.25	121.15	Open To Flow (2)
91	184.95	129.19	Shut-In(2)
182	327.34	132.65	End Shut-In(2)
184	2310.05	132.72	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
63.00	mcw 90%w 10%m	0.88
126.00	w cm 40%w 60%m	1.77
141.00	mud 100%m	1.98

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Meridian Energy Inc

21-8s-32w Thomas Ks

1475 Ward Dr
Franktown Co 80116

Peggy Saddler #1

Job Ticket: 68391

DST#: 6

ATTN: Weston Lafon

Test Start: 2022.01.28 @ 17:07:10

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

52000 ppm

Viscosity: 52.00 sec/qt

Cushion Volume:

bbf

Water Loss: 9.59 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 4000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbf
63.00	mcw 90%w 10%m	0.884
126.00	w cm 40%w 60%m	1.767
141.00	mud 100%m	1.978

Total Length: 330.00 ft Total Volume: 4.629 bbf

Num Fluid Samples: 0

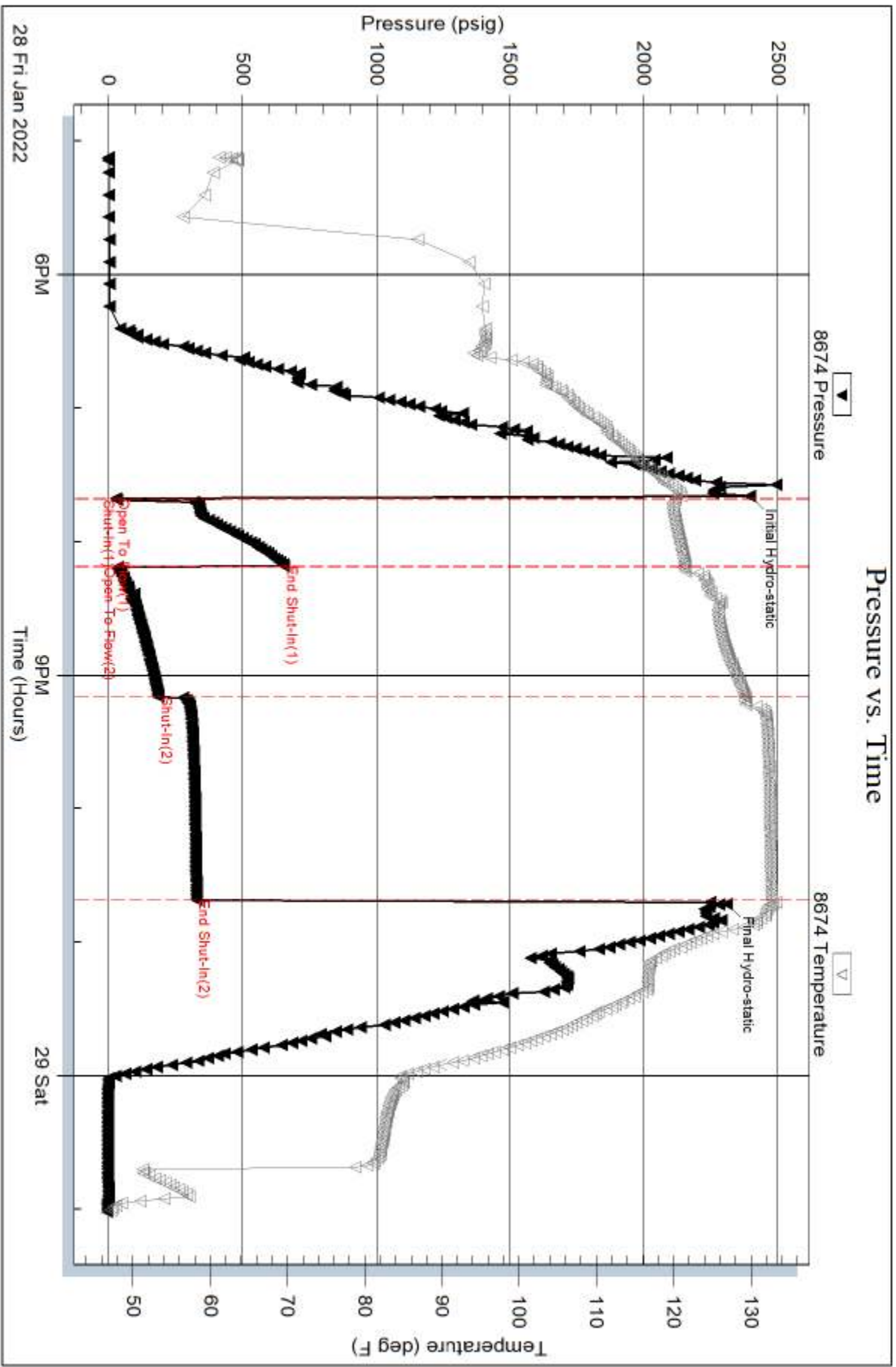
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: .26@40=52000



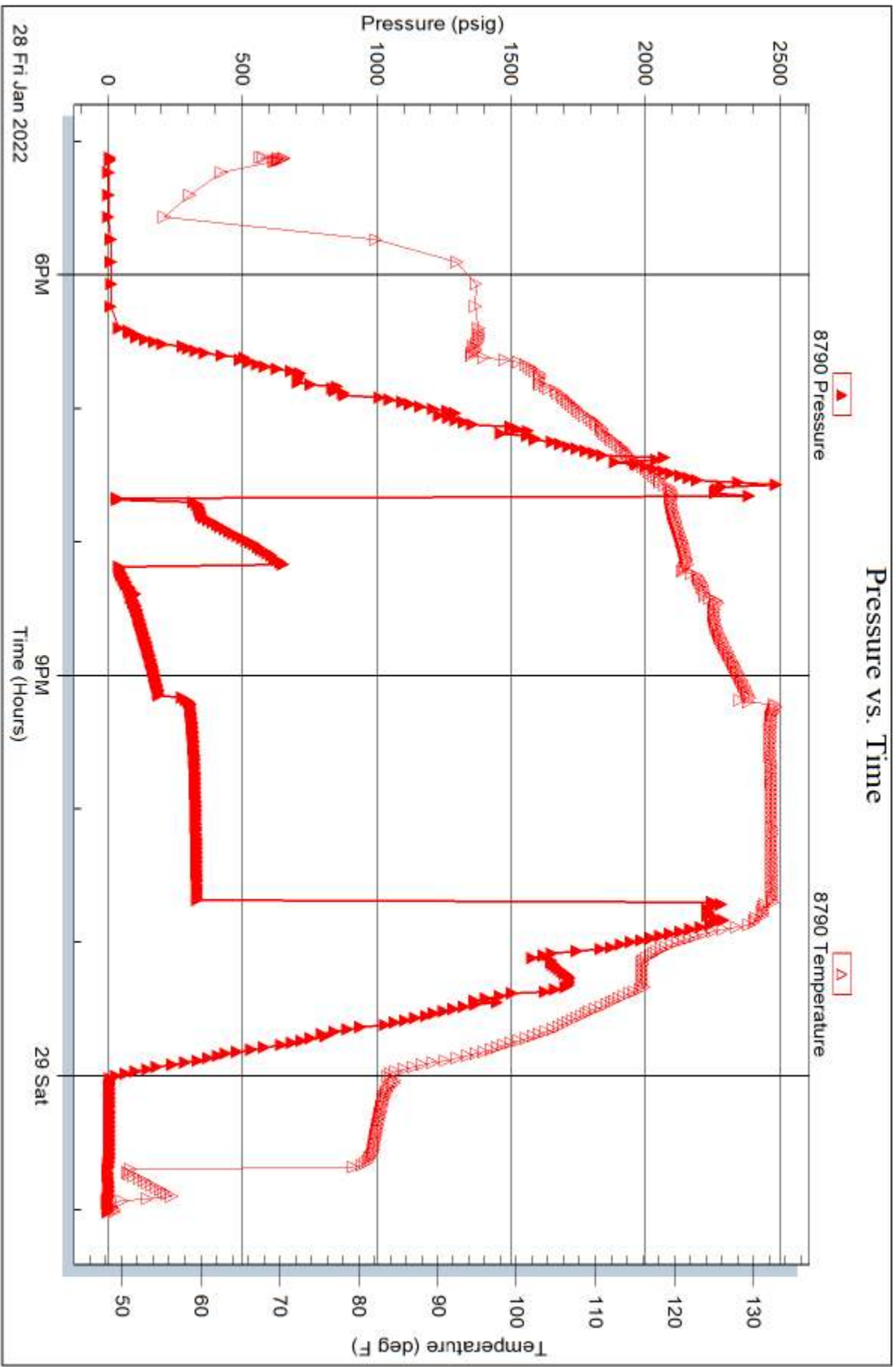
Serial #: 8790

Inside

Meridian Energy Inc

Peggy Saddler #1

DST Test Number: 6





TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Meridian Energy Inc

21-8s-32w Thomas Ks

1475 Ward Dr
Franktown Co 80116

Peggy Saddler #1

ATTN: Weston Lafon

Job Ticket: 68392

DST#: 7

Test Start: 2022.01.29 @ 16:35:52

GENERAL INFORMATION:

Formation: **Conglomerate Sand**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 19:06:22

Time Test Ended: 00:11:22

Test Type: Conventional Straddle (Reset)

Tester: Brandon Turley

Unit No: 79

Interval: 4595.00 ft (KB) To 4637.00 ft (KB) (TVD)

Reference Elevations: 3091.00 ft (KB)

Total Depth: 4670.00 ft (KB) (TVD)

3086.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 5.00 ft

Serial #: 8674 Outside

Press@RunDepth: 34.22 psig @ 4596.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2022.01.29

End Date:

2022.01.30

Last Calib.: 2022.01.30

Start Time: 16:35:57

End Time:

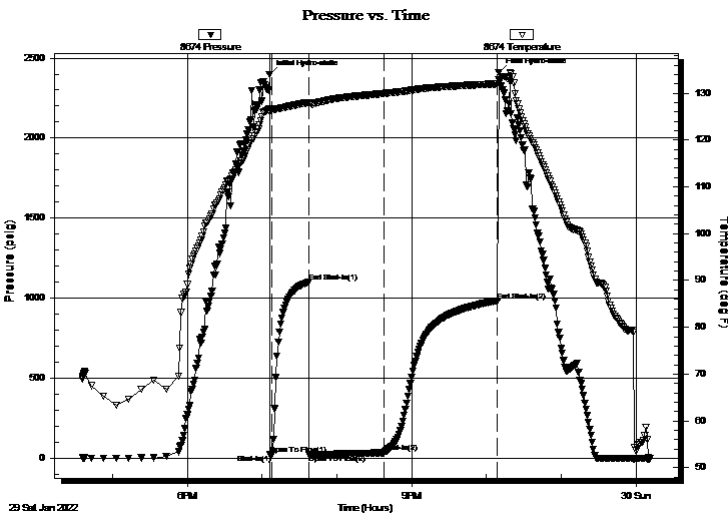
00:11:21

Time On Btm: 2022.01.29 @ 19:05:52

Time Off Btm: 2022.01.29 @ 22:09:52

TEST COMMENT: IF: 1/4 blow
IS: No return.
FF: Surface blow built to 3.
FS: No return. 2-30-60-90

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2396.97	126.67	Initial Hydro-static
1	22.10	126.11	Open To Flow (1)
2	21.48	126.57	Shut-In(1)
32	1100.20	128.02	End Shut-In(1)
32	22.89	127.71	Open To Flow (2)
92	34.22	129.93	Shut-In(2)
183	984.10	131.98	End Shut-In(2)
184	2410.26	132.94	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
45.00	ocm 20%o 80%m	0.63

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Meridian Energy Inc

21-8s-32w Thomas Ks

1475 Ward Dr
Franktown Co 80116

Peggy Saddler #1

Job Ticket: 68392

DST#: 7

ATTN: Weston Lafon

Test Start: 2022.01.29 @ 16:35:52

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 52.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.59 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 4000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
45.00	ocm 20% o 80% m	0.631

Total Length: 45.00 ft Total Volume: 0.631 bbl

Num Fluid Samples: 0

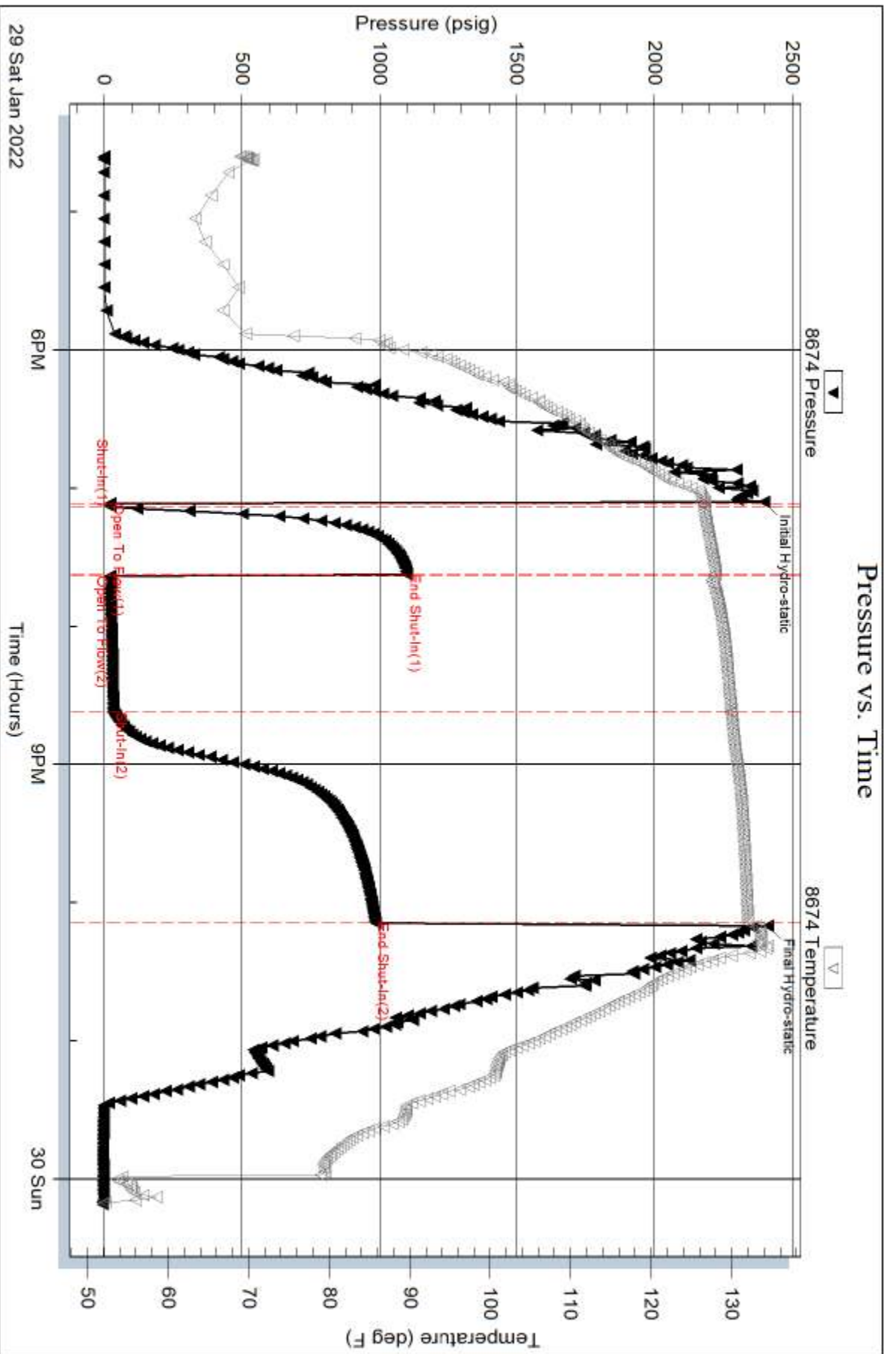
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



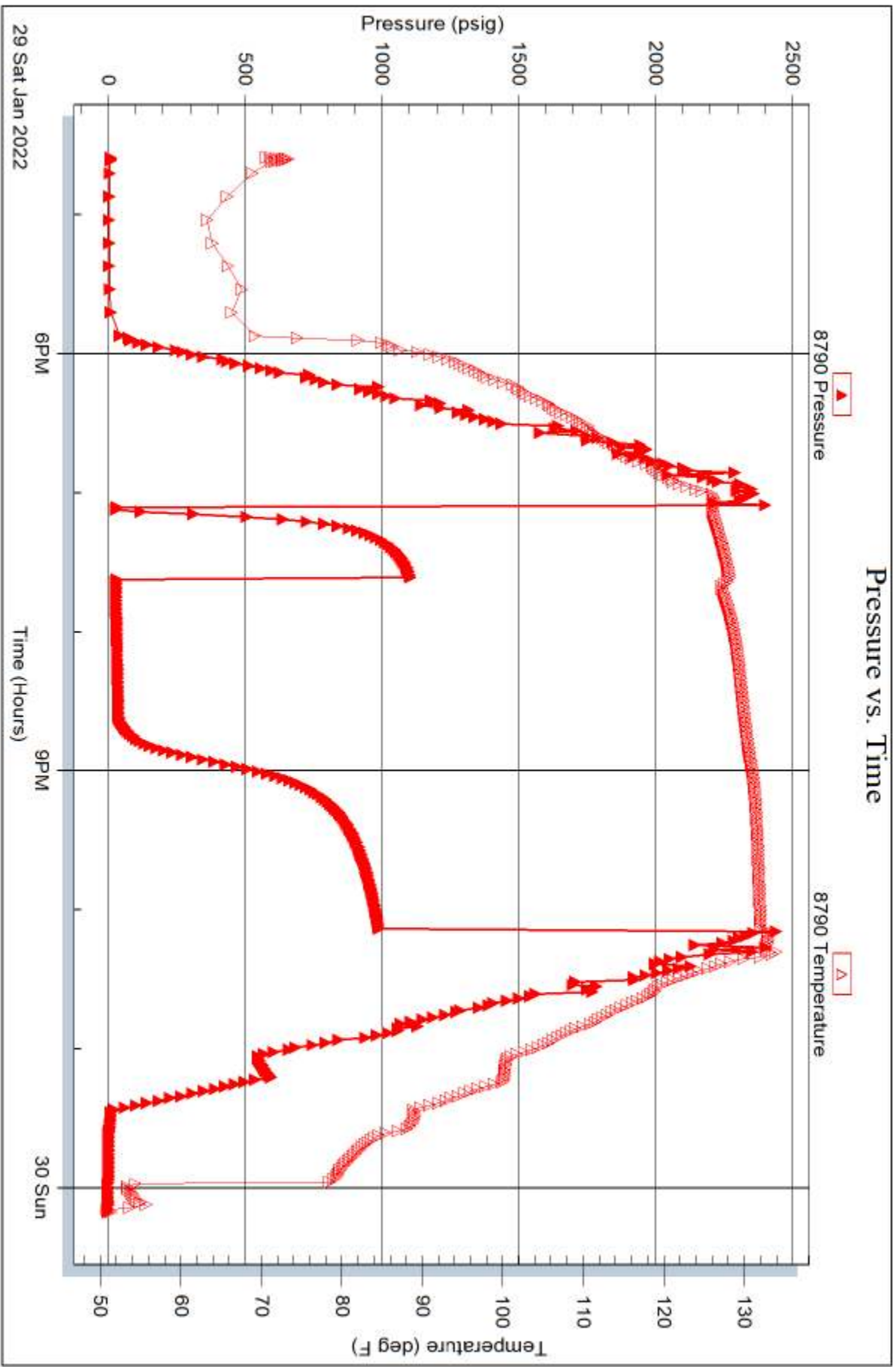
Serial #: 8790

Inside

Meridian Energy Inc

Peggy Saddle #1

DST Test Number: 7



Trilobite Testing, Inc

Ref. No: 68392

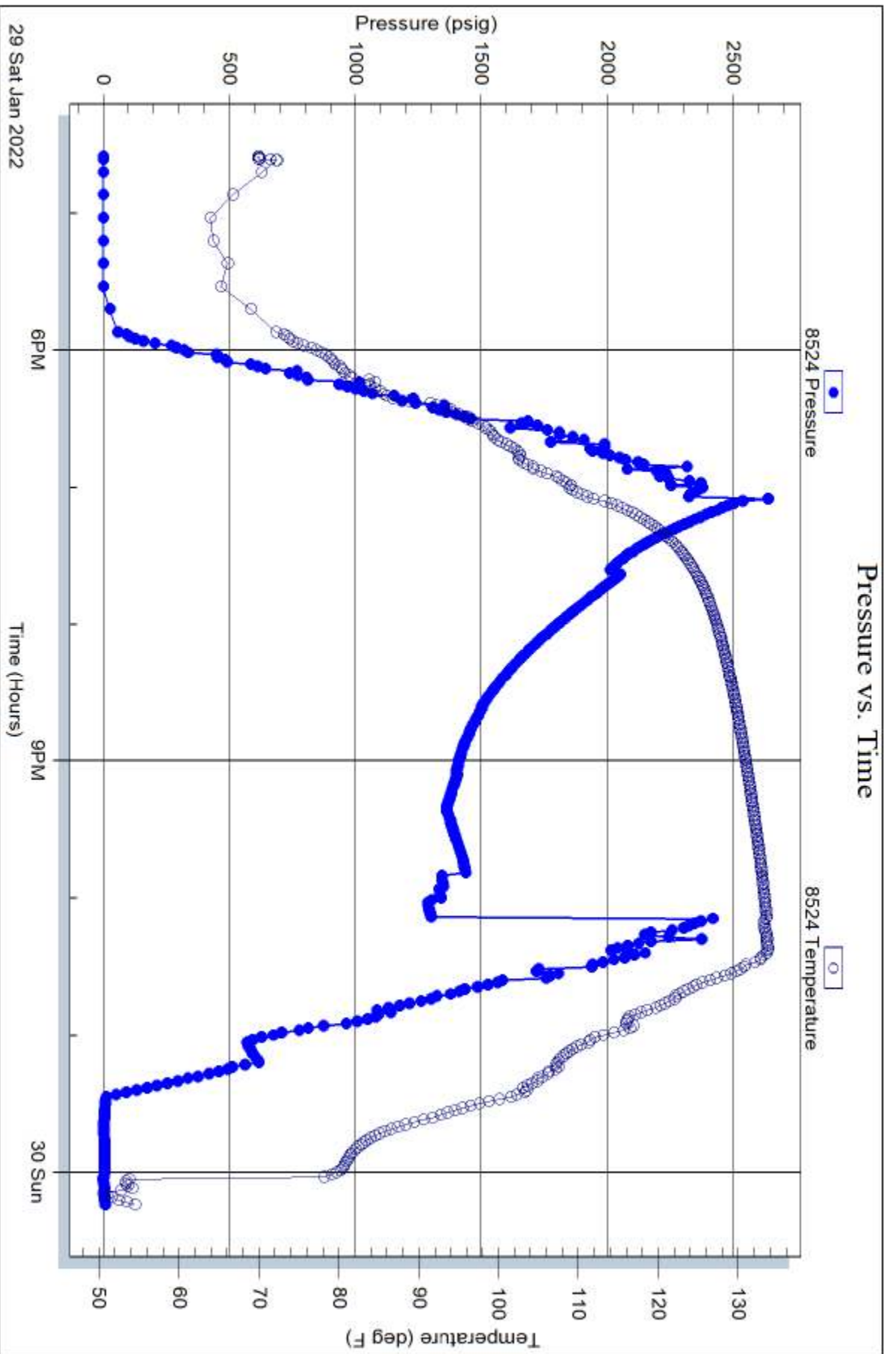
Printed: 2022.01.30 @ 07:44:44

Serial #: 8524

Below (Straddling) Energy Inc

Peggy Saddle #1

DST Test Number: 7



Trilobite Testing, Inc

Ref. No: 68392

Printed: 2022.01.30 @ 07:44:44