

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
--	---

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)</i> <i>(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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DRILL STEM TEST REPORT

Prepared For: **Palomino Petroleum, Inc**

4924 SE 84th St.
Newton, KS. 67114

ATTN: Ryan Seib

Garden Party #1

19-23s-33w Finney,KS

Start Date: 2022.07.11 @ 01:55:14

End Date: 2022.07.11 @ 09:01:44

Job Ticket #: 68897 DST #: 1

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

Printed: 2022.07.20 @ 14:43:34



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Palomino Petroleum, Inc

19-23s-33w Finney, KS

4924 SE 84th St.
New ton, KS. 67114

Garden Party #1

Job Ticket: 68897

DST#: 1

ATTN: Ryan Seib

Test Start: 2022.07.11 @ 01:55:14

GENERAL INFORMATION:

Formation: **LKC A**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 04:48:44

Time Test Ended: 09:01:44

Test Type: Conventional Bottom Hole (Initial)

Tester: Matt Smith

Unit No: 68

Interval: 3778.00 ft (KB) To 3820.00 ft (KB) (TVD)

Reference Elevations: 2920.00 ft (KB)

Total Depth: 3820.00 ft (KB) (TVD)

2907.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 13.00 ft

Serial #: 8788

Inside

Press@RunDepth: 41.51 psig @ 3779.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2022.07.11

End Date:

2022.07.11

Last Calib.:

2022.07.11

Start Time: 01:55:19

End Time:

09:01:43

Time On Btm:

2022.07.11 @ 04:47:59

Time Off Btm:

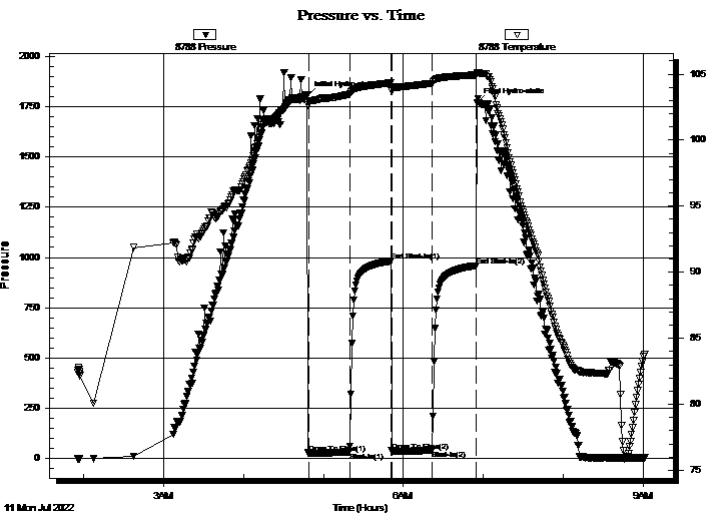
2022.07.11 @ 06:55:14

TEST COMMENT: IF: Weak Blow . Built to 1", in the Bucket. (30)

IS: No Blow . (30)

FF: Weak Blow . Built to .54". (30)

FS: No Blow . (30)



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1805.87	103.44	Initial Hydro-static
1	28.88	102.98	Open To Flow (1)
32	31.93	103.46	Shut-In(1)
63	981.48	104.33	End Shut-In(1)
64	38.48	103.72	Open To Flow (2)
94	41.51	104.29	Shut-In(2)
127	959.17	104.93	End Shut-In(2)
128	1766.69	105.12	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
40.00	WCM 10%w 90%m	0.30

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Palomino Petroleum, Inc

19-23s-33w Finney,KS

4924 SE 84th St.
New ton, KS. 67114

Garden Party #1

Job Ticket: 68897

DST#: 1

ATTN: Ryan Seib

Test Start: 2022.07.11 @ 01:55:14

Tool Information

Drill Pipe:	Length: 3520.00 ft	Diameter: 3.80 inches	Volume: 49.38 bbl	Tool Weight: 2100.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 24000.00 lb
Drill Collar:	Length: 241.00 ft	Diameter: 2.80 inches	Volume: 1.84 bbl	Weight to Pull Loose: 75000.00 lb
			<u>Total Volume: 51.22 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	14.00 ft			String Weight: Initial 64000.00 lb
Depth to Top Packer:	3778.00 ft			Final 64000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	42.00 ft			
Tool Length:	73.00 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			3748.00	
Shut In Tool	5.00			3753.00	
Hydraulic tool	5.00			3758.00	
Jars	5.00			3763.00	
EMT	3.00			3766.00	
Safety Joint	3.00			3769.00	
Packer	4.00			3773.00	31.00 Bottom Of Top Packer
Packer	5.00			3778.00	
Stubb	1.00			3779.00	
Recorder	0.00	8788	Inside	3779.00	
Recorder	0.00	6799	Outside	3779.00	
Perforations	1.00			3780.00	
Change Over Sub	1.00			3781.00	
Blank Spacing	32.00			3813.00	
Change Over Sub	1.00			3814.00	
Perforations	3.00			3817.00	
Bullnose	3.00			3820.00	42.00 Bottom Packers & Anchor
Total Tool Length:	73.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Palomino Petroleum, Inc

19-23s-33w Finney,KS

4924 SE 84th St.
New ton, KS. 67114

Garden Party #1

Job Ticket: 68897

DST#: 1

ATTN: Ryan Seib

Test Start: 2022.07.11 @ 01:55:14

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:

1700 ppm

Viscosity: 43.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.17 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1700.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
40.00	WCM 10%w 90%m	0.305

Total Length: 40.00 ft Total Volume: 0.305 bbl

Num Fluid Samples: 0

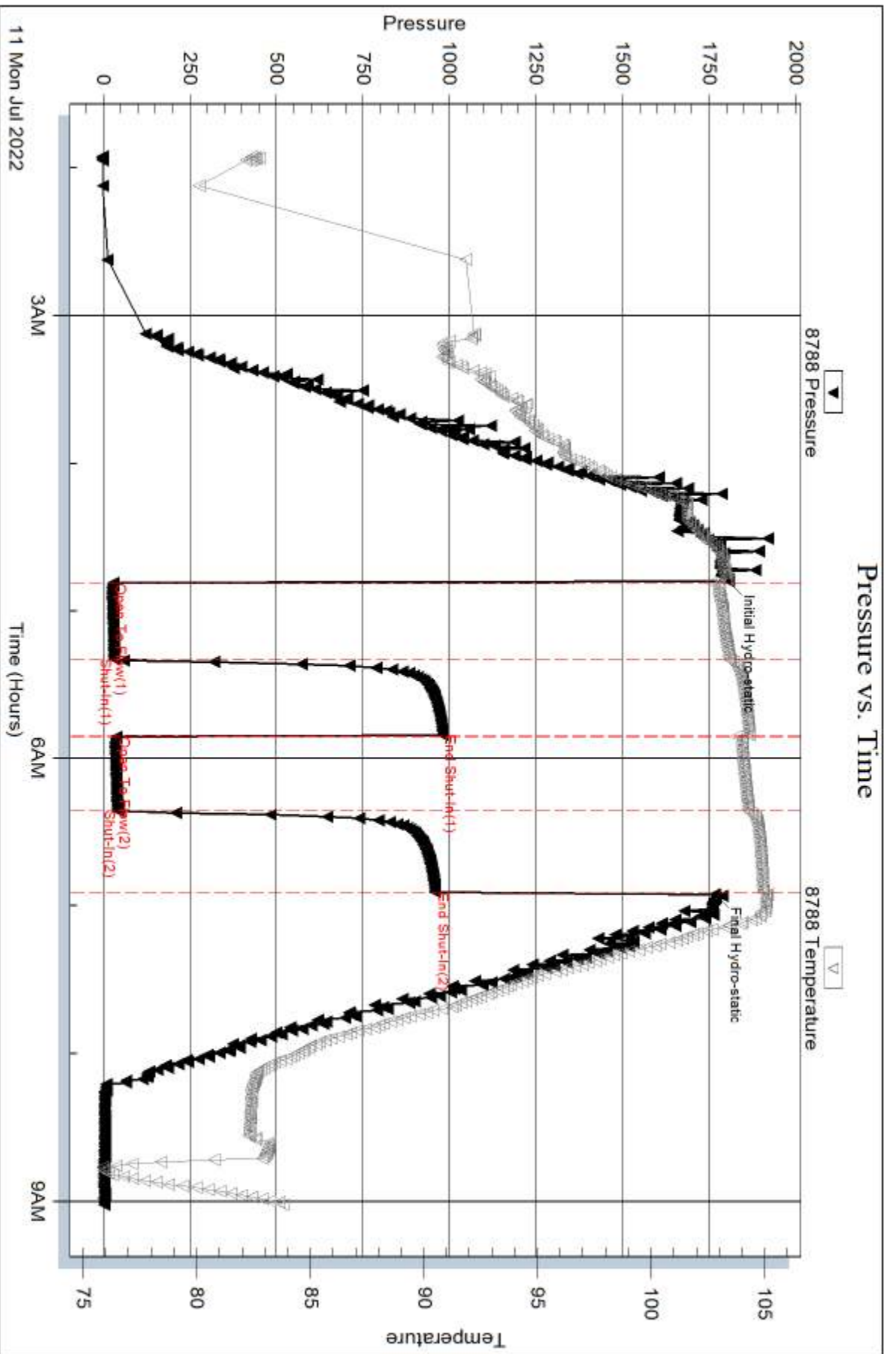
Num Gas Bombs: 0

Serial #: None

Laboratory Name:

Laboratory Location:

Recovery Comments:

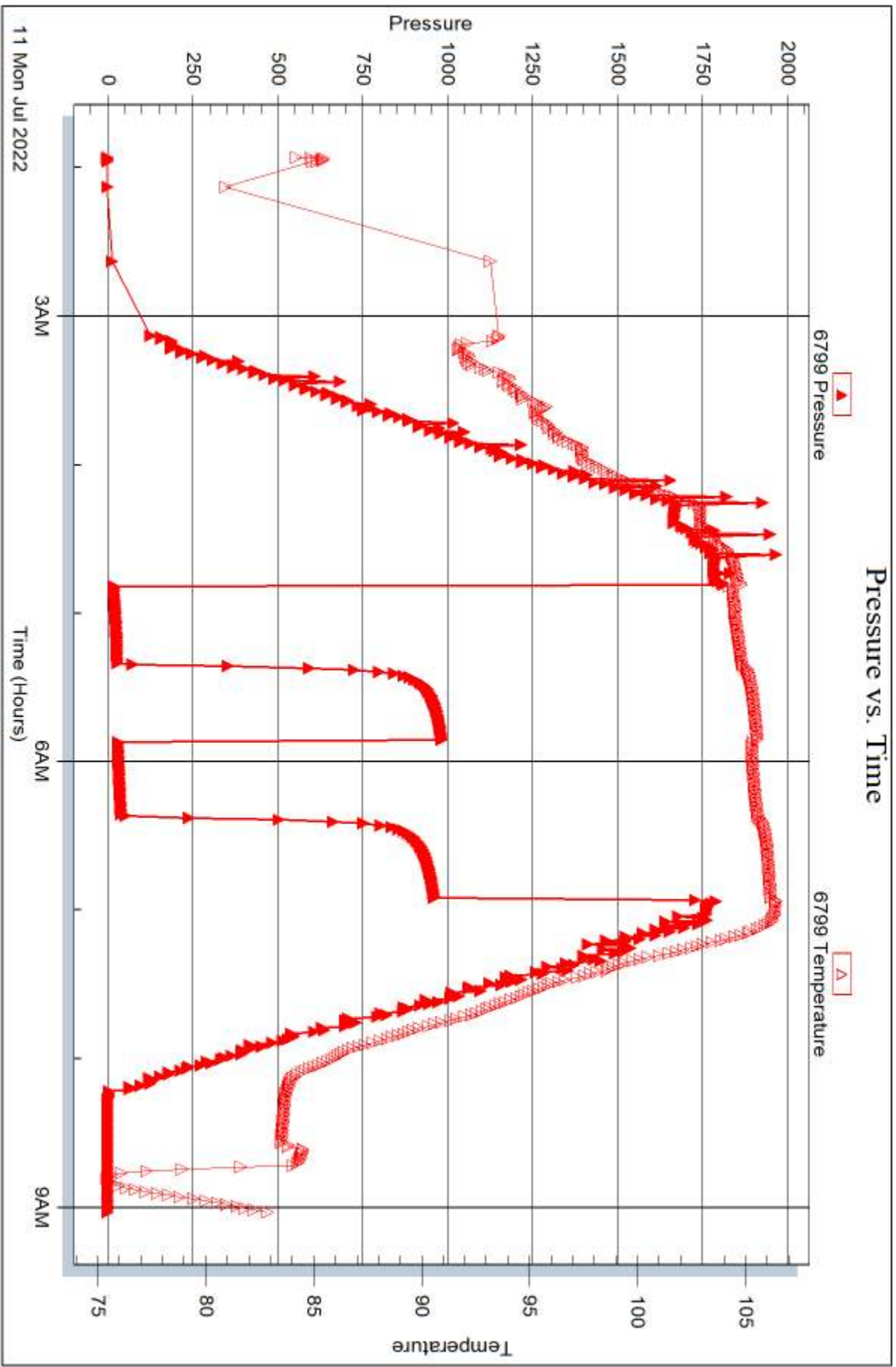


Serial #: 6799

Outside Palomino Petroleum, Inc

Garden Party #1

DST Test Number: 1



Trilobite Testing, Inc

Ref. No: 68897

Printed: 2022.07.20 @ 14:43:35



DRILL STEM TEST REPORT

Prepared For: **Palomino Petroleum, Inc**

4924 SE 84th St.
Newton, KS. 67114

ATTN: Ryan Seib

Garden Party #1

19-23s-33w Finney,KS

Start Date: 2022.07.11 @ 18:33:20

End Date: 2022.07.12 @ 02:15:50

Job Ticket #: 68898 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2022.07.20 @ 14:43:07



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Palomino Petroleum, Inc

19-23s-33w Finney, KS

4924 SE 84th St.
New ton, KS. 67114

Garden Party #1

Job Ticket: 68898

DST#: 2

ATTN: Ryan Seib

Test Start: 2022.07.11 @ 18:33:20

GENERAL INFORMATION:

Formation: **LKC B - C**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 21:11:20

Time Test Ended: 02:15:50

Test Type: Conventional Bottom Hole (Reset)

Tester: Matt Smith

Unit No: 68

Interval: 3823.00 ft (KB) To 3890.00 ft (KB) (TVD)

Reference Elevations: 2920.00 ft (KB)

Total Depth: 3890.00 ft (KB) (TVD)

2907.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 13.00 ft

Serial #: 8788

Inside

Press@RunDepth: 453.96 psig @ 3824.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2022.07.11

End Date:

2022.07.12

Last Calib.:

2022.07.12

Start Time: 18:33:25

End Time:

02:15:49

Time On Btm:

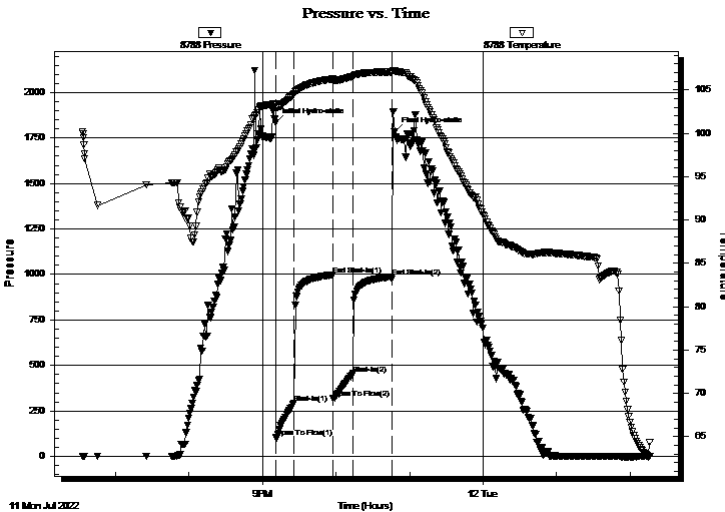
2022.07.11 @ 21:10:50

Time Off Btm:

2022.07.11 @ 22:47:50

TEST COMMENT: IF: Strong Blow . B.O.B. in 3 mins. Built to 50.51". (15)
IS: No Blow . (30)
FF: Strong Blow . B.O.B. in 4 mins. Built to 44.92". (15)
FS: No Blow . (30)

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1832.29	103.44	Initial Hydro-static
1	102.43	102.99	Open To Flow (1)
15	293.00	104.52	Shut-In(1)
47	996.78	106.26	End Shut-In(1)
47	318.51	106.04	Open To Flow (2)
63	453.96	106.55	Shut-In(2)
95	987.09	107.06	End Shut-In(2)
97	1786.54	107.17	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
369.00	MCW 2%w 98%w	3.63
320.00	MCW 25%w 75%w	4.49
261.00	WCM 45%w 55%w	3.66

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Palomino Petroleum, Inc

19-23s-33w Finney,KS

4924 SE 84th St.
New ton, KS. 67114

Garden Party #1

Job Ticket: 68898

DST#: 2

ATTN: Ryan Seib

Test Start: 2022.07.11 @ 18:33:20

Tool Information

Drill Pipe:	Length: 3584.00 ft	Diameter: 3.80 inches	Volume: 50.27 bbl	Tool Weight: 2100.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 24000.00 lb
Drill Collar:	Length: 241.00 ft	Diameter: 2.80 inches	Volume: 1.84 bbl	Weight to Pull Loose: 75000.00 lb
			<u>Total Volume: 52.11 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	33.00 ft			String Weight: Initial 66000.00 lb
Depth to Top Packer:	3823.00 ft			Final 70000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	67.00 ft			
Tool Length:	98.00 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			3793.00	
Shut In Tool	5.00			3798.00	
Hydraulic tool	5.00			3803.00	
Jars	5.00			3808.00	
EMT	3.00			3811.00	
Safety Joint	3.00			3814.00	
Packer	4.00			3818.00	31.00 Bottom Of Top Packer
Packer	5.00			3823.00	
Stubb	1.00			3824.00	
Recorder	0.00	8788	Inside	3824.00	
Recorder	0.00	6799	Outside	3824.00	
Perforations	5.00			3829.00	
Change Over Sub	1.00			3830.00	
Blank Spacing	32.00			3862.00	
Change Over Sub	1.00			3863.00	
Perforations	24.00			3887.00	
Bullnose	3.00			3890.00	67.00 Bottom Packers & Anchor
Total Tool Length:	98.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Palomino Petroleum, Inc

19-23s-33w Finney,KS

4924 SE 84th St.
New ton, KS. 67114

Garden Party #1

Job Ticket: 68898

DST#: 2

ATTN: Ryan Seib

Test Start: 2022.07.11 @ 18:33:20

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:

105000 ppm

Viscosity: 64.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.16 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2400.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
369.00	MCW 2% <i>m</i> 98% <i>w</i>	3.631
320.00	MCW 25% <i>m</i> 75% <i>w</i>	4.489
261.00	WCM 45% <i>w</i> 55% <i>m</i>	3.661

Total Length: 950.00 ft Total Volume: 11.781 bbl

Num Fluid Samples: 0

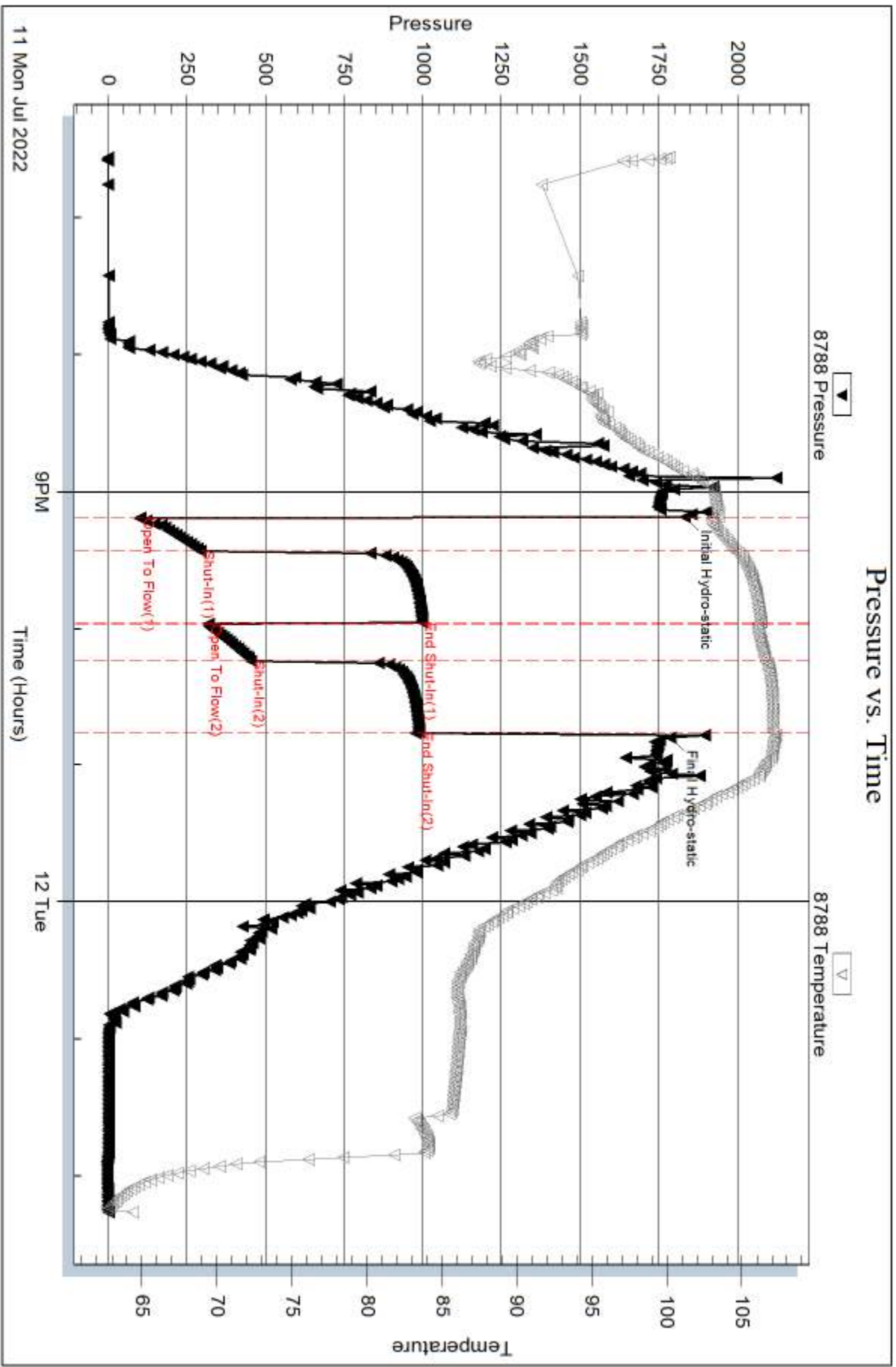
Num Gas Bombs: 0

Serial #: None

Laboratory Name:

Laboratory Location:

Recovery Comments: RW is .06 @ 70 Degrees = 105,000 Chlorides.



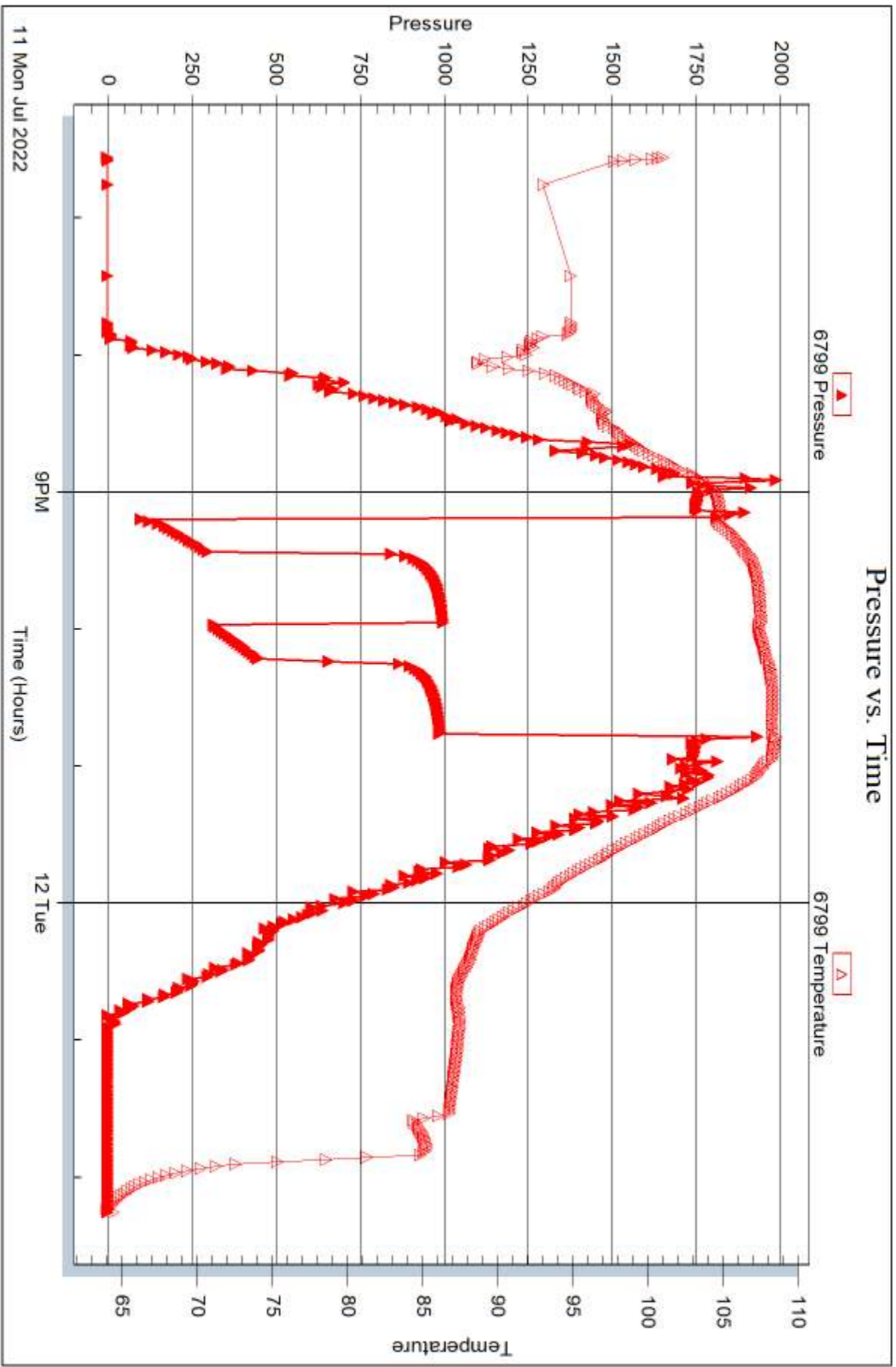
Serial #: 6799

Outside

Palomino Petroleum, Inc

Garden Party #1

DST Test Number: 2



Trilobite Testing, Inc

Ref. No: 68898

Printed: 2022.07.20 @ 14:43:07



DRILL STEM TEST REPORT

Prepared For: **Palomino Petroleum, Inc**

4924 SE 84th St.
Newton, KS. 67114

ATTN: Ryan Seib

Garden Party #1

19-23s-33w Finney,KS

Start Date: 2022.07.12 @ 16:08:38

End Date: 2022.07.12 @ 22:36:08

Job Ticket #: 68899 DST #: 3

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

Printed: 2022.07.20 @ 14:40:17



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Palomino Petroleum, Inc

19-23s-33w Finney, KS

4924 SE 84th St.
New ton, KS. 67114

Garden Party #1

Job Ticket: 68899

DST#: 3

ATTN: Ryan Seib

Test Start: 2022.07.12 @ 16:08:38

GENERAL INFORMATION:

Formation: **LKC H**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 18:21:38

Time Test Ended: 22:36:08

Test Type: Conventional Bottom Hole (Reset)

Tester: Matt Smith

Unit No: 68

Interval: 4008.00 ft (KB) To 4033.00 ft (KB) (TVD)

Reference Elevations: 2920.00 ft (KB)

Total Depth: 4033.00 ft (KB) (TVD)

2907.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 13.00 ft

Serial #: 8788

Inside

Press@RunDepth: 58.80 psig @ 4009.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2022.07.12

End Date:

2022.07.12

Last Calib.:

2022.07.12

Start Time: 16:08:43

End Time:

22:36:07

Time On Btm:

2022.07.12 @ 18:19:53

Time Off Btm:

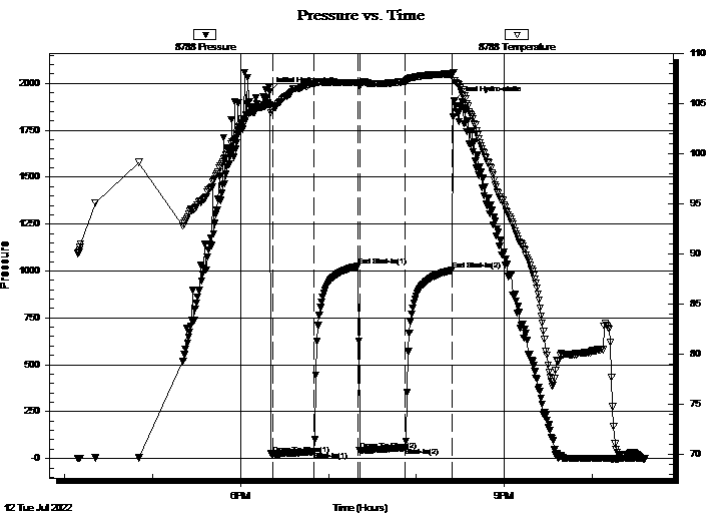
2022.07.12 @ 20:25:53

TEST COMMENT: IF: Weak Blow . Built to 1.61". (30)

IS: No Blow . (30)

FF: Weak Blow . Built to 1.16". (30)

FS: No Blow . (30)



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1957.57	104.81	Initial Hydro-static
2	24.57	104.51	Open To Flow (1)
31	36.92	106.98	Shut-In(1)
61	1026.66	107.07	End Shut-In(1)
62	44.94	106.75	Open To Flow (2)
93	58.80	107.22	Shut-In(2)
125	1004.13	107.96	End Shut-In(2)
126	1908.74	107.31	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
80.00	WCM 25%w 75%m	0.61

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Palomino Petroleum, Inc

19-23s-33w Finney,KS

4924 SE 84th St.
New ton, KS. 67114

Garden Party #1

Job Ticket: 68899

DST#: 3

ATTN: Ryan Seib

Test Start: 2022.07.12 @ 16:08:38

Tool Information

Drill Pipe:	Length: 3742.00 ft	Diameter: 3.80 inches	Volume: 52.49 bbl	Tool Weight:	2100.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer:	24000.00 lb
Drill Collar:	Length: 241.00 ft	Diameter: 2.80 inches	Volume: 1.84 bbl	Weight to Pull Loose:	75000.00 lb
			<u>Total Volume: 54.33 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	6.00 ft			String Weight: Initial	69000.00 lb
Depth to Top Packer:	4008.00 ft			Final	69000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	25.00 ft				
Tool Length:	56.00 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			3978.00	
Shut In Tool	5.00			3983.00	
Hydraulic tool	5.00			3988.00	
Jars	5.00			3993.00	
EMT	3.00			3996.00	
Safety Joint	3.00			3999.00	
Packer	4.00			4003.00	31.00 Bottom Of Top Packer
Packer	5.00			4008.00	
Stubb	1.00			4009.00	
Recorder	0.00	8788	Inside	4009.00	
Recorder	0.00	6799	Outside	4009.00	
Perforations	21.00			4030.00	
Bullnose	3.00			4033.00	25.00 Bottom Packers & Anchor

Total Tool Length: 56.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Palomino Petroleum, Inc

19-23s-33w Finney,KS

4924 SE 84th St.
New ton, KS. 67114

Garden Party #1

Job Ticket: 68899

DST#: 3

ATTN: Ryan Seib

Test Start: 2022.07.12 @ 16:08:38

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:

95000 ppm

Viscosity: 60.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.77 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3000.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
80.00	WCM 25%w 75%m	0.609

Total Length: 80.00 ft Total Volume: 0.609 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #: None

Laboratory Name:

Laboratory Location:

Recovery Comments: RW is .08 @ 77 Degrees = 95,000 Chlorides.

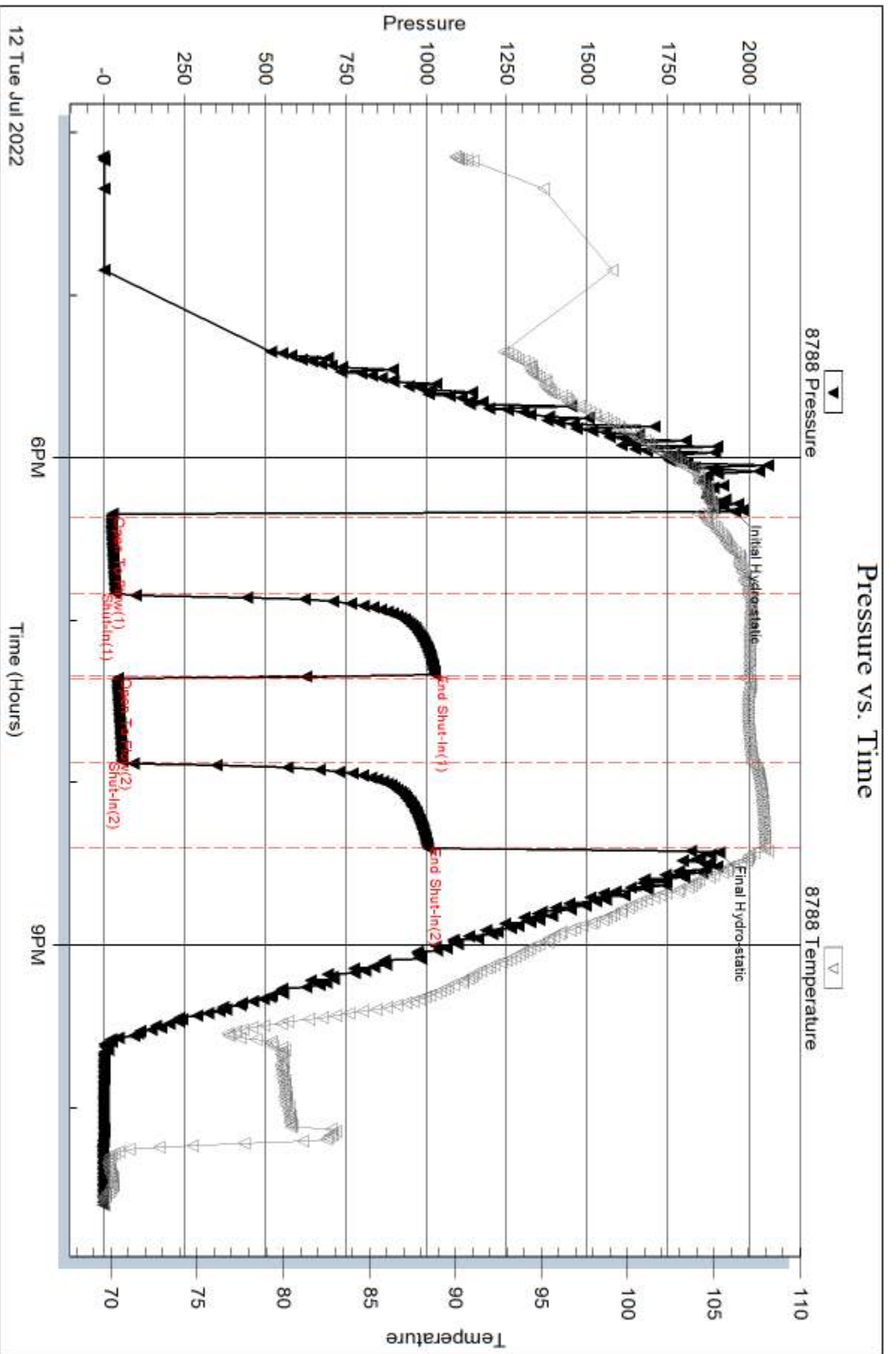
Serial #: 8788

Inside

Palomino Petroleum, Inc

Garden Party #1

DST Test Number: 3



Trilobite Testing, Inc

Ref. No: 68899

Printed: 2022.07.20 @ 14:40:17



DRILL STEM TEST REPORT

Prepared For: **Palomino Petroleum, Inc**

4924 SE 84th St.
Newton, KS. 67114

ATTN: Ryan Seib

Garden Party #1

19-23s-33w Finney,KS

Start Date: 2022.07.13 @ 22:12:40

End Date: 2022.07.14 @ 05:49:55

Job Ticket #: 68900 DST #: 4

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

Printed: 2022.07.20 @ 14:38:45



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Palomino Petroleum, Inc

19-23s-33w Finney, KS

4924 SE 84th St.
New ton, KS. 67114

Garden Party #1

Job Ticket: 68900

DST#: 4

ATTN: Ryan Seib

Test Start: 2022.07.13 @ 22:12:40

GENERAL INFORMATION:

Formation: **Marmaton**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 00:46:10

Time Test Ended: 05:49:55

Test Type: Conventional Bottom Hole (Reset)

Tester: Matt Smith

Unit No: 68

Interval: 4236.00 ft (KB) To 4330.00 ft (KB) (TVD)

Reference Elevations: 2920.00 ft (KB)

Total Depth: 4330.00 ft (KB) (TVD)

2907.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 13.00 ft

Serial #: 8788

Inside

Press@RunDepth: 102.94 psig @ 4237.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2022.07.13

End Date:

2022.07.14

Last Calib.: 2022.07.14

Start Time: 22:12:45

End Time:

05:49:54

Time On Btm: 2022.07.14 @ 00:45:10

Time Off Btm: 2022.07.14 @ 02:52:10

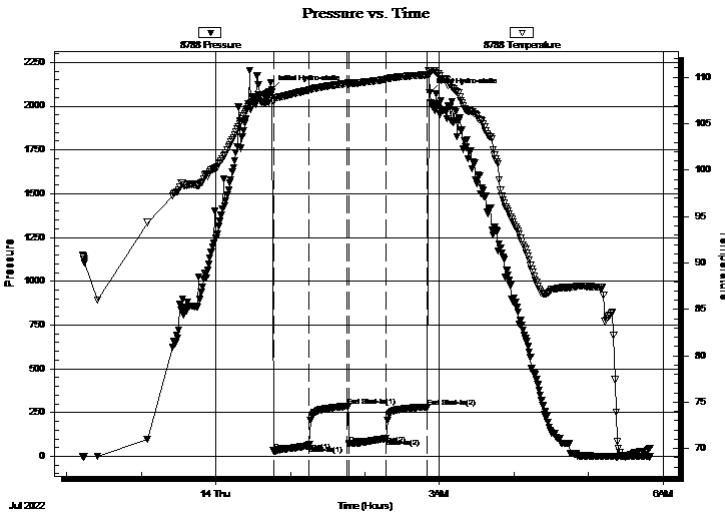
TEST COMMENT: IF: Weak Blow . Built to 3.84". (30)

IS: No Blow . (30)

FF: Weak Blow . Built to 1.88". (30)

FS: No Blow . (30)

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2095.97	108.39	Initial Hydro-static
1	31.46	107.42	Open To Flow (1)
30	61.87	108.62	Shut-In(1)
61	286.82	109.35	End Shut-In(1)
62	69.60	109.29	Open To Flow (2)
92	102.94	109.79	Shut-In(2)
125	281.91	110.28	End Shut-In(2)
127	2076.78	110.71	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
120.00	GWCM 2%g 5%w 93m	0.91
10.00	GCM 1%g 99%m	0.08
0.00	115' GIP 100%g	0.00

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Palomino Petroleum, Inc

19-23s-33w Finney,KS

4924 SE 84th St.
New ton, KS. 67114

Garden Party #1

Job Ticket: 68900

DST#: 4

ATTN: Ryan Seib

Test Start: 2022.07.13 @ 22:12:40

Tool Information

Drill Pipe:	Length: 3996.00 ft	Diameter: 3.80 inches	Volume: 56.05 bbl	Tool Weight:	2100.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer:	24000.00 lb
Drill Collar:	Length: 241.00 ft	Diameter: 2.80 inches	Volume: 1.84 bbl	Weight to Pull Loose:	75000.00 lb
			<u>Total Volume: 57.89 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	32.00 ft			String Weight: Initial	69000.00 lb
Depth to Top Packer:	4236.00 ft			Final	69000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	94.00 ft				
Tool Length:	125.00 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			4206.00	
Shut In Tool	5.00			4211.00	
Hydraulic tool	5.00			4216.00	
Jars	5.00			4221.00	
EMT	3.00			4224.00	
Safety Joint	3.00			4227.00	
Packer	4.00			4231.00	31.00 Bottom Of Top Packer
Packer	5.00			4236.00	
Stubb	1.00			4237.00	
Recorder	0.00	8788	Inside	4237.00	
Recorder	0.00	6799	Outside	4237.00	
Perforations	4.00			4241.00	
Change Over Sub	1.00			4242.00	
Blank Spacing	64.00			4306.00	
Change Over Sub	1.00			4307.00	
Perforations	20.00			4327.00	
Bullnose	3.00			4330.00	94.00 Bottom Packers & Anchor
Total Tool Length:	125.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Palomino Petroleum, Inc

19-23s-33w Finney,KS

4924 SE 84th St.
New ton, KS. 67114

Garden Party #1

Job Ticket: 68900

DST#: 4

ATTN: Ryan Seib

Test Start: 2022.07.13 @ 22:12:40

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:

4000 ppm

Viscosity: 52.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.78 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4000.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
120.00	GWCM 2%g 5%w 93m	0.914
10.00	GCM 1%g 99%m	0.076
0.00	115' GIP 100%g	0.000

Total Length: 130.00 ft Total Volume: 0.990 bbl

Num Fluid Samples: 0

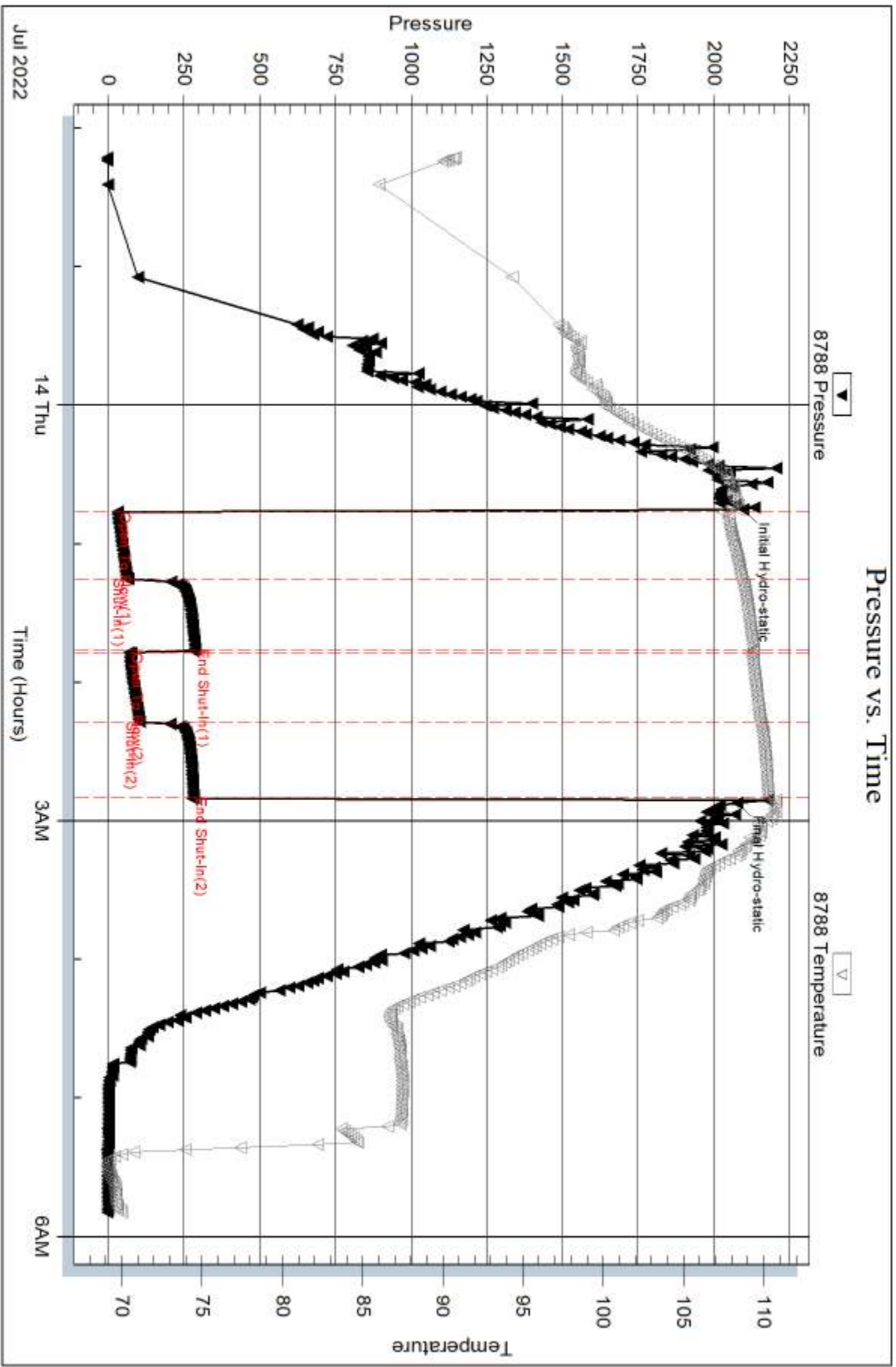
Num Gas Bombs: 0

Serial #: None

Laboratory Name:

Laboratory Location:

Recovery Comments: 115 Feet of Gas in Pipe.

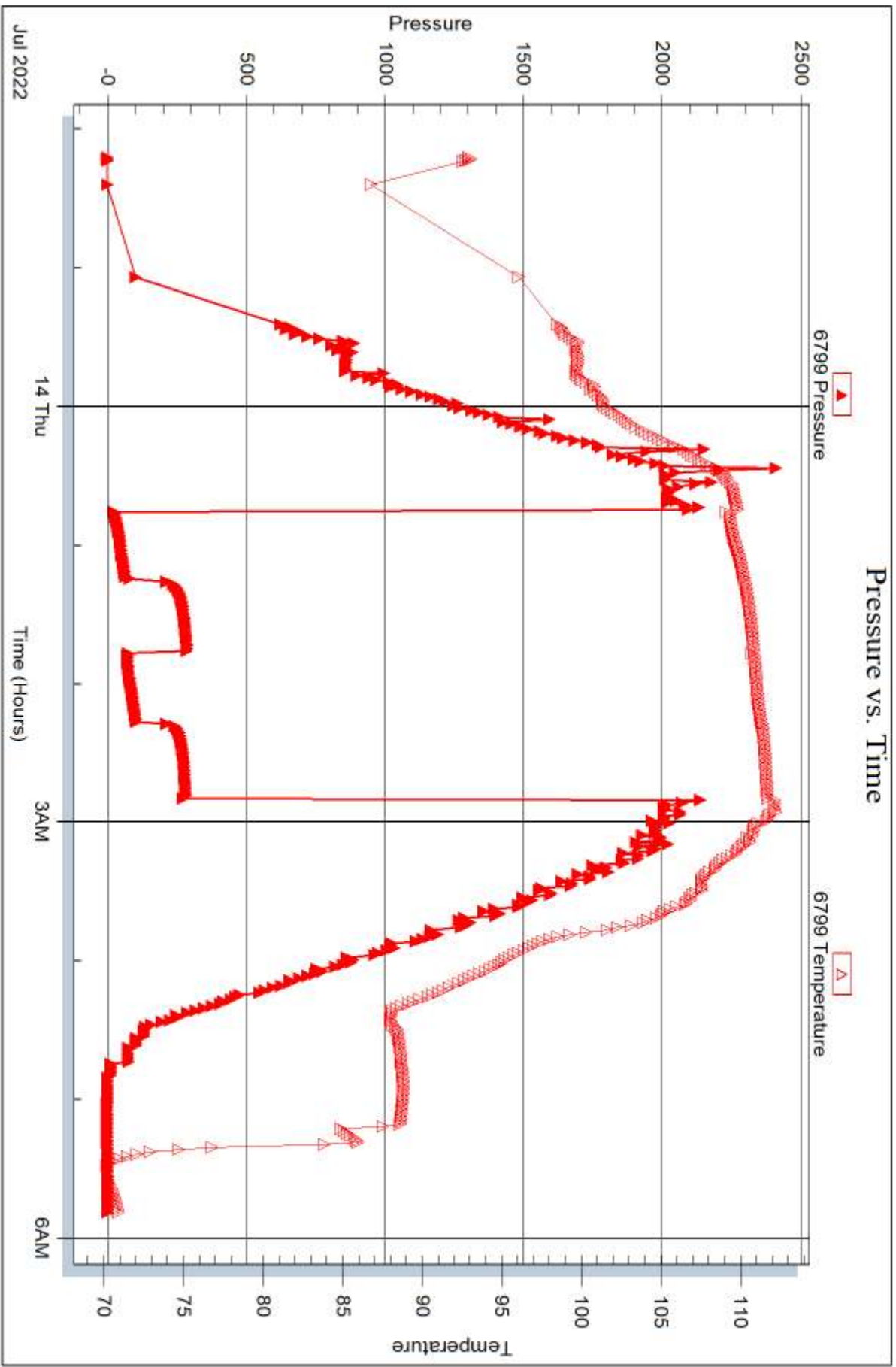


Serial #: 6799

Outside Palomino Petroleum, Inc

Garden Party #1

DST Test Number: 4



Trilobite Testing, Inc

Ref. No: 68900

Printed: 2022.07.20 @ 14:38:46



DRILL STEM TEST REPORT

Prepared For: **Palomino Petroleum, Inc**

4924 SE 84th St.
Newton, KS. 67114

ATTN: Ryan Seib

Garden Party #1

19-23s-33w Finney,KS

Start Date: 2022.07.14 @ 15:06:06

End Date: 2022.07.14 @ 21:50:06

Job Ticket #: 68651 DST #: 5

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2022.07.20 @ 14:37:43



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Palomino Petroleum, Inc

19-23s-33w Finney, KS

4924 SE 84th St.
New ton, KS. 67114

Garden Party #1

Job Ticket: 68651

DST#: 5

ATTN: Ryan Seib

Test Start: 2022.07.14 @ 15:06:06

GENERAL INFORMATION:

Formation: **Pawnee - Myrick**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 17:29:51

Time Test Ended: 21:50:06

Test Type: Conventional Bottom Hole (Reset)

Tester: Matt Smith

Unit No: 68

Interval: 4325.00 ft (KB) To 4385.00 ft (KB) (TVD)

Reference Elevations: 2920.00 ft (KB)

Total Depth: 4385.00 ft (KB) (TVD)

2907.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 13.00 ft

Serial #: 8788

Inside

Press@RunDepth: 35.56 psig @ 4326.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2022.07.14

End Date:

2022.07.14

Last Calib.:

2022.07.14

Start Time: 15:06:11

End Time:

21:50:05

Time On Btm:

2022.07.14 @ 17:28:36

Time Off Btm:

2022.07.14 @ 19:36:06

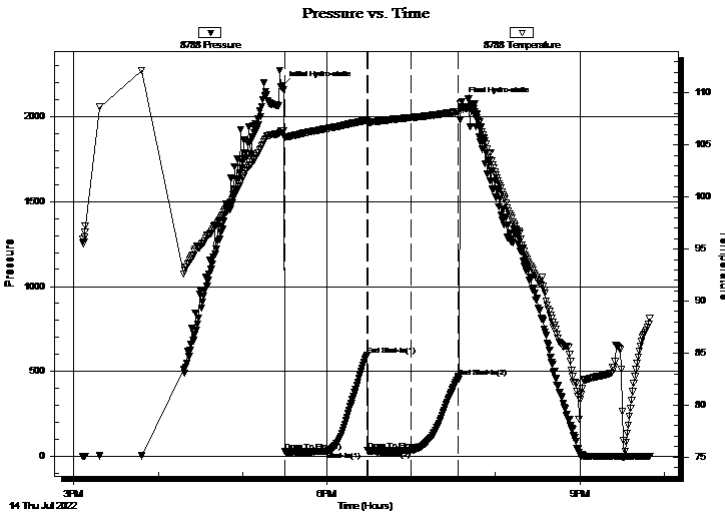
TEST COMMENT: IF: Weak Blow . 1/2" in Bucket. Built to .45". (30)

IS: No Blow . (30)

FF: No Blow . (30)

FS: No Blow . (30)

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2182.88	106.38	Initial Hydro-static
2	29.11	105.71	Open To Flow (1)
32	29.78	106.58	Shut-In(1)
60	594.81	107.38	End Shut-In(1)
61	35.95	107.06	Open To Flow (2)
92	35.56	107.64	Shut-In(2)
125	469.37	108.22	End Shut-In(2)
128	2086.51	108.72	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	GOSM 1%g 99%m	0.08
0.00	80' GIP 100%g	0.00

* Recovery from multiple tests

Gas Rates

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



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

Palomino Petroleum, Inc

4924 SE 84th St.
New ton, KS. 67114

ATTN: Ryan Seib

19-23s-33w Finney,KS

Garden Party #1

Job Ticket: 68651

DST#: 5

Test Start: 2022.07.14 @ 15:06:06

GENERAL INFORMATION:

Formation: **Pawnee - Myrick**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 17:29:51

Time Test Ended: 21:50:06

Test Type: Conventional Bottom Hole (Reset)

Tester: Matt Smith

Unit No: 68

Interval: 4325.00 ft (KB) To 4385.00 ft (KB) (TVD)

Reference Elevations: 2920.00 ft (KB)

Total Depth: 4385.00 ft (KB) (TVD)

2907.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 13.00 ft

Serial #: 6799 Outside

Press@RunDepth: psig @ 4326.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2022.07.14

End Date:

2022.07.14

Last Calib.:

2022.07.14

Start Time: 15:07:03

End Time:

21:50:57

Time On Btm:

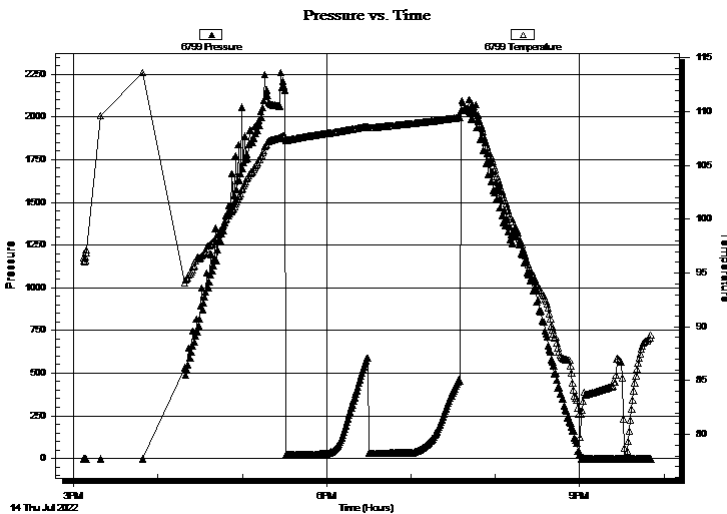
Time Off Btm:

TEST COMMENT: IF: Weak Blow . 1/2" in Bucket. Built to .45". (30)

IS: No Blow . (30)

FF: No Blow . (30)

FS: No Blow . (30)



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
10.00	GOSM 1%g 99%m	0.08
0.00	80' GIP 100%g	0.00

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Palomino Petroleum, Inc

19-23s-33w Finney,KS

4924 SE 84th St.
New ton, KS. 67114

Garden Party #1

Job Ticket: 68651

DST#: 5

ATTN: Ryan Seib

Test Start: 2022.07.14 @ 15:06:06

Tool Information

Drill Pipe:	Length: 4060.00 ft	Diameter: 3.80 inches	Volume: 56.95 bbl	Tool Weight: 2100.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 24000.00 lb
Drill Collar:	Length: 241.00 ft	Diameter: 2.80 inches	Volume: 1.84 bbl	Weight to Pull Loose: 75000.00 lb
			<u>Total Volume: 58.79 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	7.00 ft			String Weight: Initial 70000.00 lb
Depth to Top Packer:	4325.00 ft			Final 70000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	60.00 ft			
Tool Length:	91.00 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			4295.00	
Shut In Tool	5.00			4300.00	
Hydraulic tool	5.00			4305.00	
Jars	5.00			4310.00	
EMT	3.00			4313.00	
Safety Joint	3.00			4316.00	
Packer	4.00			4320.00	31.00 Bottom Of Top Packer
Packer	5.00			4325.00	
Stubb	1.00			4326.00	
Recorder	0.00	8788	Inside	4326.00	
Recorder	0.00	6799	Outside	4326.00	
Perforations	2.00			4328.00	
Change Over Sub	1.00			4329.00	
Blank Spacing	32.00			4361.00	
Change Over Sub	1.00			4362.00	
Perforations	20.00			4382.00	
Bullnose	3.00			4385.00	60.00 Bottom Packers & Anchor
Total Tool Length:	91.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Palomino Petroleum, Inc

19-23s-33w Finney,KS

4924 SE 84th St.
New ton, KS. 67114

Garden Party #1

Job Ticket: 68651

DST#: 5

ATTN: Ryan Seib

Test Start: 2022.07.14 @ 15:06:06

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:

4200 ppm

Viscosity: 58.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.58 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4200.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
10.00	GOSM 1%g 99%m	0.076
0.00	80' GIP 100%g	0.000

Total Length: 10.00 ft Total Volume: 0.076 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

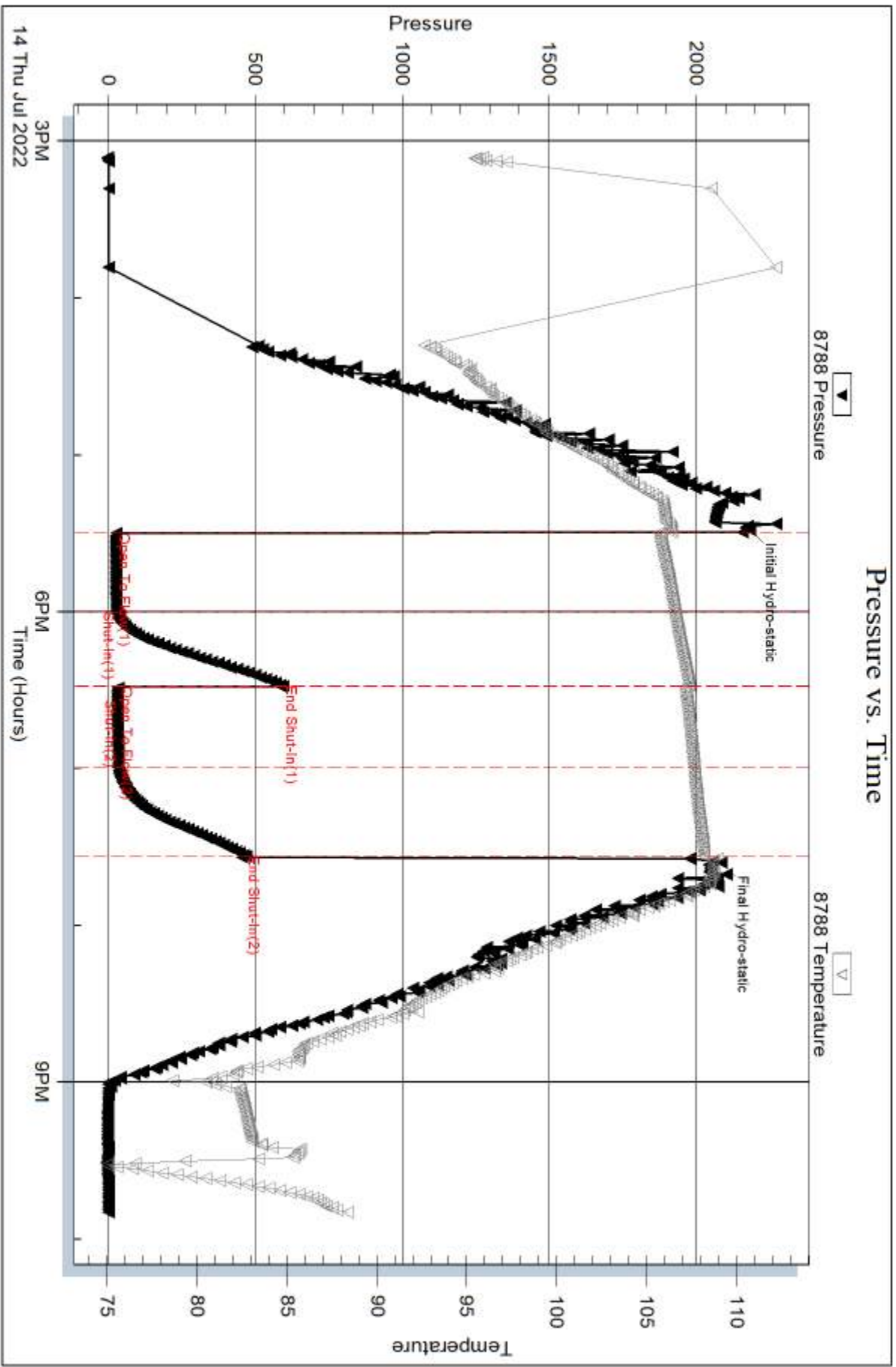
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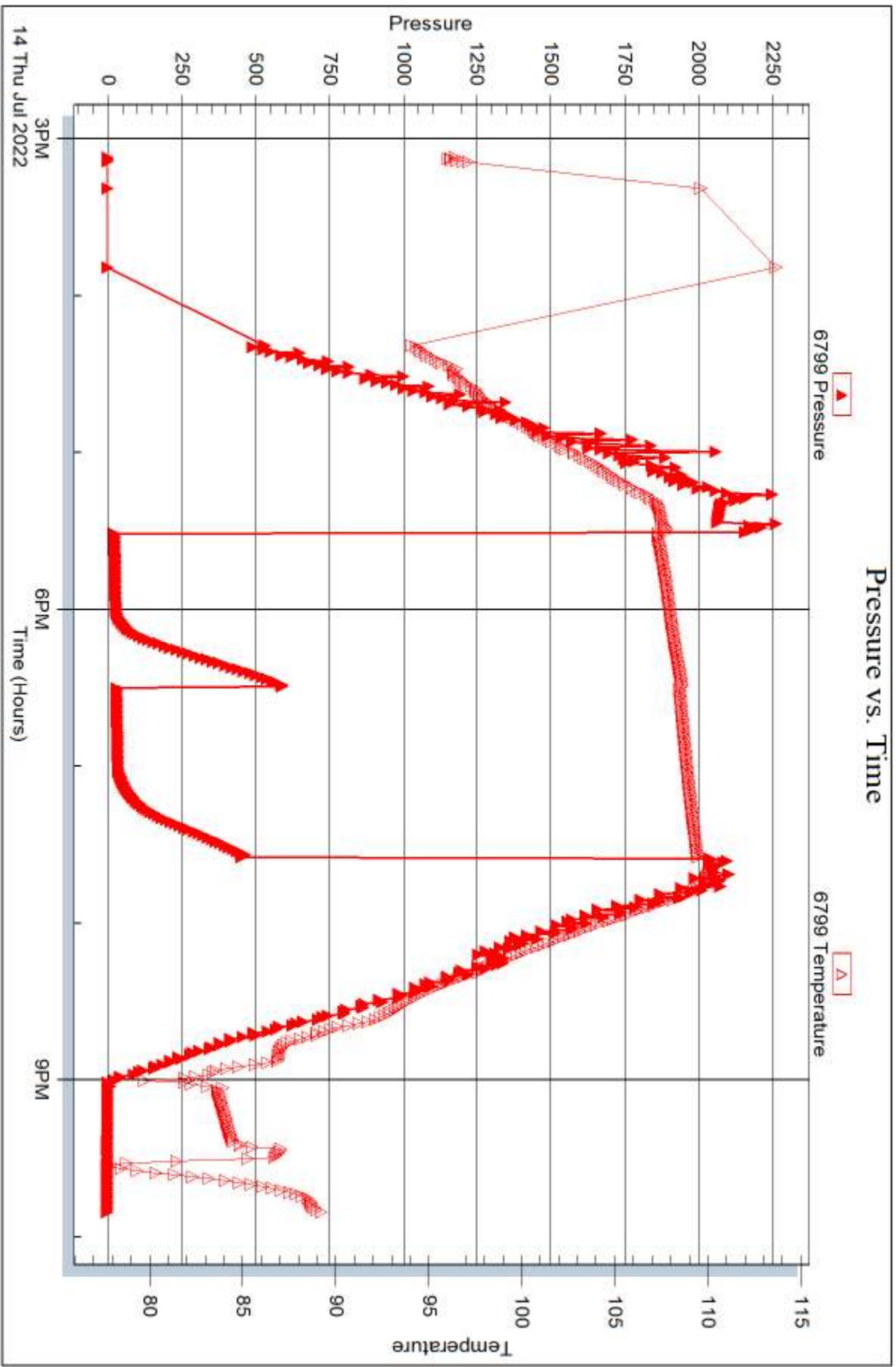
Laboratory Name:

Laboratory Location:

Recovery Comments: 80 Feet of Gas in Pipe.

Heavy oil spec almost 1%.







DRILL STEM TEST REPORT

Prepared For: **Palomino Petroleum, Inc**

4924 SE 84th St.
Newton, KS. 67114

ATTN: Ryan Seib

Garden Party #1

19-23s-33w Finney,KS

Start Date: 2022.07.15 @ 21:35:56

End Date: 2022.07.16 @ 05:15:26

Job Ticket #: 68652 DST #: 6

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

Printed: 2022.07.20 @ 14:36:43



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Palomino Petroleum, Inc

19-23s-33w Finney, KS

4924 SE 84th St.
New ton, KS. 67114

Garden Party #1

Job Ticket: 68652

DST#: 6

ATTN: Ryan Seib

Test Start: 2022.07.15 @ 21:35:56

GENERAL INFORMATION:

Formation: **Marrow**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 00:03:56

Time Test Ended: 05:15:26

Test Type: Conventional Bottom Hole (Reset)

Tester: Matt Smith

Unit No: 68

Interval: 4510.00 ft (KB) To 4603.00 ft (KB) (TVD)

Reference Elevations: 2920.00 ft (KB)

Total Depth: 4603.00 ft (KB) (TVD)

2907.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 13.00 ft

Serial #: 8788 Inside

Press@RunDepth: 34.63 psig @ 4511.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2022.07.15 End Date: 2022.07.16

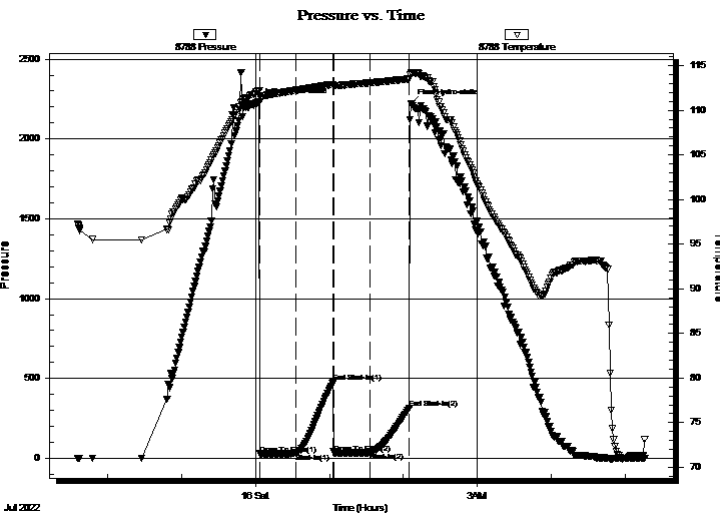
Last Calib.: 2022.07.16

Start Time: 21:36:01 End Time: 05:15:25

Time On Btm: 2022.07.16 @ 00:02:56

Time Off Btm: 2022.07.16 @ 02:06:26

TEST COMMENT: IF: Weak Blow . Built to .64". Dying off. (30)
IS: No Blow . (30)
FF: Weak Blow . Built to .47". Dying off. (30)
FS: No Blow . (30)



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2228.34	112.20	Initial Hydro-static
1	27.41	111.64	Open To Flow (1)
30	29.84	112.23	Shut-In(1)
60	474.12	112.90	End Shut-In(1)
61	33.42	112.76	Open To Flow (2)
90	34.63	113.08	Shut-In(2)
122	314.54	113.49	End Shut-In(2)
124	2219.46	114.24	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	GV/SOCM 1%g 1%o 98%m	0.04
0.00	55' GIP 100%g	0.00

* Recovery from multiple tests

Gas Rates

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



DRILL STEM TEST REPORT

Palomino Petroleum, Inc

19-23s-33w Finney, KS

4924 SE 84th St.
New ton, KS. 67114

Garden Party #1

Job Ticket: 68652

DST#: 6

ATTN: Ryan Seib

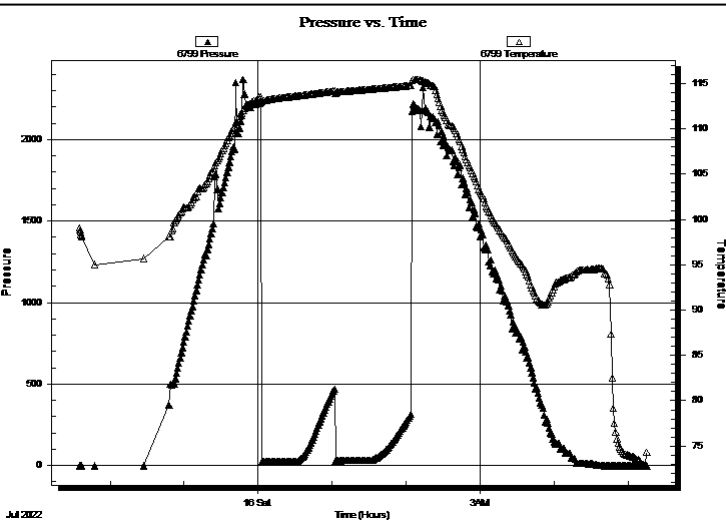
Test Start: 2022.07.15 @ 21:35:56

GENERAL INFORMATION:

Formation: Marrow				
Deviated: No Whipstock:	ft (KB)	Test Type: Conventional Bottom Hole (Reset)		
Time Tool Opened: 00:03:56		Tester: Matt Smith		
Time Test Ended: 05:15:26		Unit No: 68		
Interval: 4510.00 ft (KB) To 4603.00 ft (KB) (TVD)		Reference Elevations: 2920.00 ft (KB)		
Total Depth: 4603.00 ft (KB) (TVD)		2907.00 ft (CF)		
Hole Diameter: 7.88 inches	Hole Condition: Fair	KB to GR/CF: 13.00 ft		

Serial #: 6799	Outside				
Press@RunDepth:	psig @	4511.00 ft (KB)	Capacity:	8000.00 psig	
Start Date:	2022.07.15	End Date:	2022.07.16	Last Calib.:	2022.07.16
Start Time:	21:35:19	End Time:	05:14:43	Time On Btm:	
				Time Off Btm:	

TEST COMMENT: IF: Weak Blow . Built to .64". Dying off. (30)
IS: No Blow . (30)
FF: Weak Blow . Built to .47". Dying off. (30)
FS: No Blow . (30)



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
5.00	GV/SOCM 1%g 1%o 98%m	0.04
0.00	55' GIP 100%g	0.00

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Palomino Petroleum, Inc

19-23s-33w Finney,KS

4924 SE 84th St.
New ton, KS. 67114

Garden Party #1

Job Ticket: 68652

DST#: 6

ATTN: Ryan Seib

Test Start: 2022.07.15 @ 21:35:56

Tool Information

Drill Pipe:	Length: 4249.00 ft	Diameter: 3.80 inches	Volume: 59.60 bbl	Tool Weight: 2100.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 24000.00 lb
Drill Collar:	Length: 241.00 ft	Diameter: 2.80 inches	Volume: 1.84 bbl	Weight to Pull Loose: 75000.00 lb
			<u>Total Volume: 61.44 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	11.00 ft			String Weight: Initial 71000.00 lb
Depth to Top Packer:	4510.00 ft			Final 71000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	93.00 ft			
Tool Length:	124.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments: Requested Shale Packer.

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4480.00	
Shut In Tool	5.00			4485.00	
Hydraulic tool	5.00			4490.00	
Jars	5.00			4495.00	
EMT	3.00			4498.00	
Safety Joint	3.00			4501.00	
Packer	4.00			4505.00	31.00 Bottom Of Top Packer
Packer	5.00			4510.00	
Stubb	1.00			4511.00	
Recorder	0.00	8788	Inside	4511.00	
Recorder	0.00	6799	Outside	4511.00	
Perforations	3.00			4514.00	
Change Over Sub	1.00			4515.00	
Blank Spacing	64.00			4579.00	
Change Over Sub	1.00			4580.00	
Perforations	20.00			4600.00	
Bullnose	3.00			4603.00	93.00 Bottom Packers & Anchor
Total Tool Length:	124.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Palomino Petroleum, Inc

19-23s-33w Finney,KS

4924 SE 84th St.
New ton, KS. 67114

Garden Party #1

Job Ticket: 68652

DST#: 6

ATTN: Ryan Seib

Test Start: 2022.07.15 @ 21:35:56

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:

4500 ppm

Viscosity: 48.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.98 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4500.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
5.00	GVSOCM 1%g 1%o 98%m	0.038
0.00	55' GIP 100%g	0.000

Total Length: 5.00 ft Total Volume: 0.038 bbl

Num Fluid Samples: 0

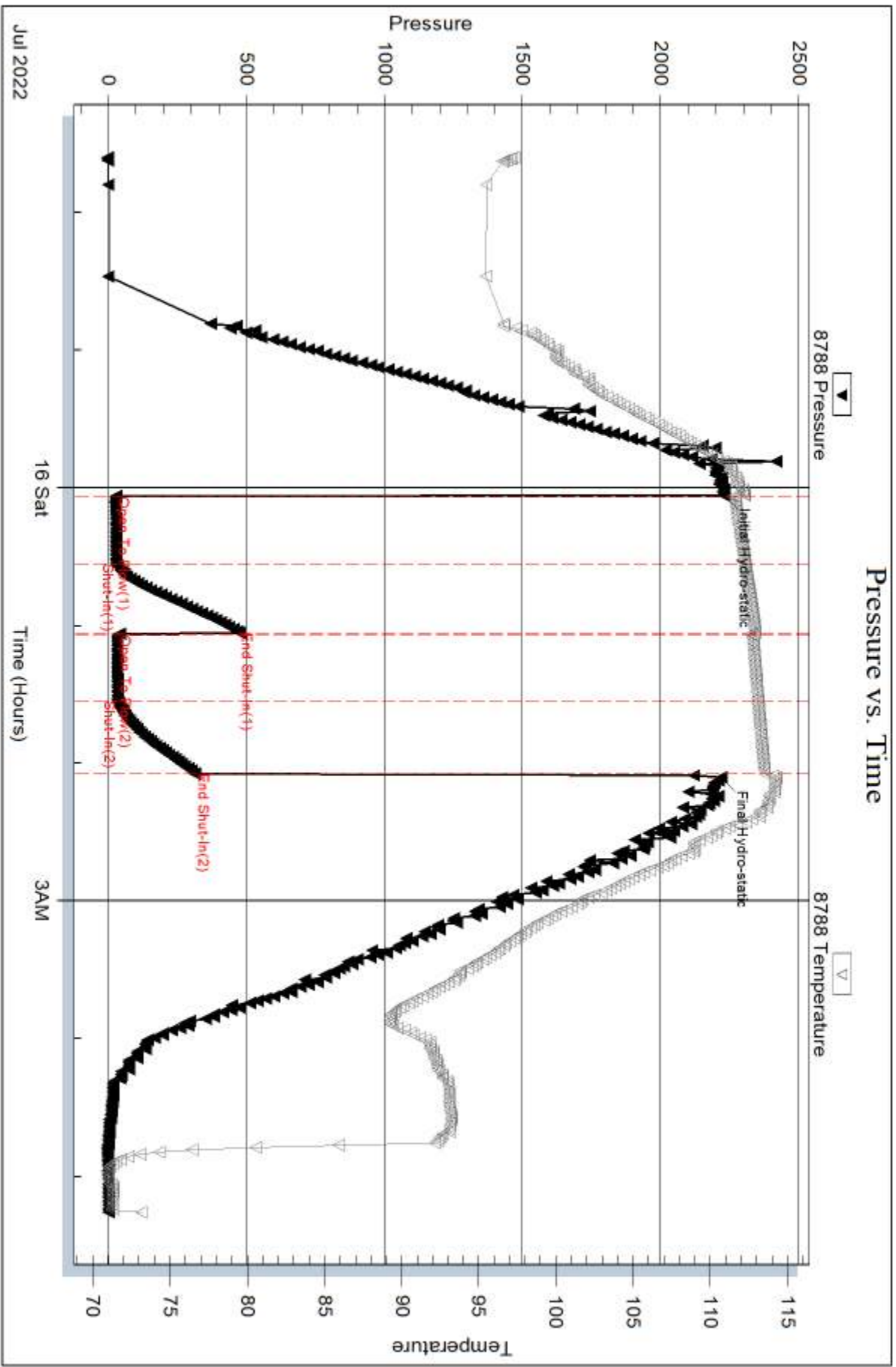
Num Gas Bombs: 0

Serial #: None

Laboratory Name:

Laboratory Location:

Recovery Comments: 55 Feet of Gas in Pipe.

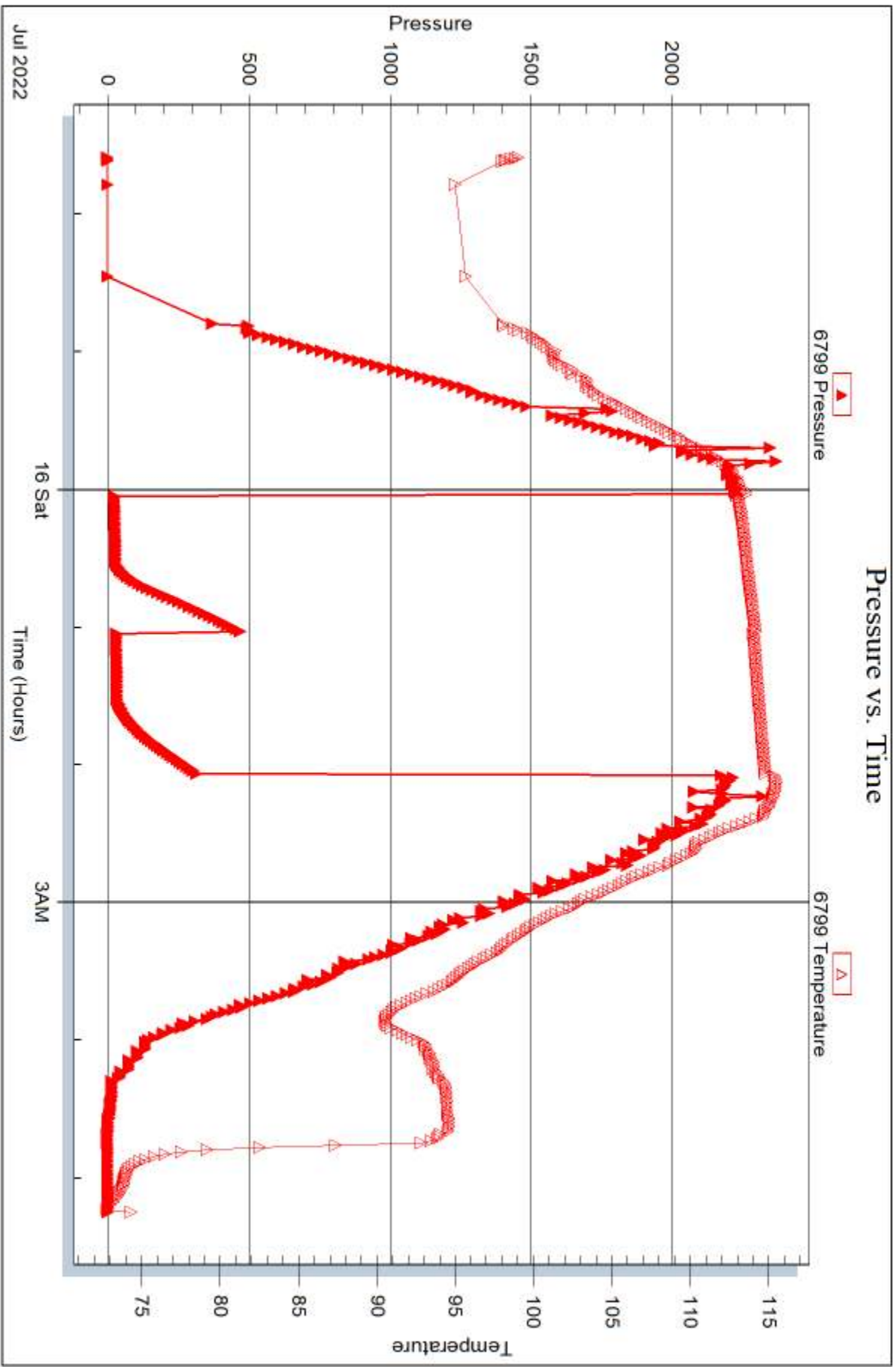


Serial #: 6799

Outside Palomino Petroleum, Inc

Garden Party #1

DST Test Number: 6



Trilobite Testing, Inc

Ref. No: 68652

Printed: 2022.07.20 @ 14:36:46



DRILL STEM TEST REPORT

Prepared For: **Palomino Petroleum, Inc**

4924 SE 84th St.
Newton, KS. 67114

ATTN: Ryan Seib

Garden Party #1

19-23s-33w Finney,KS

Start Date: 2022.07.17 @ 06:56:37

End Date: 2022.07.17 @ 14:50:37

Job Ticket #: 68653 DST #: 7

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2022.07.20 @ 14:28:27



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Palomino Petroleum, Inc

19-23s-33w Finney, KS

4924 SE 84th St.
New ton, KS. 67114

Garden Party #1

Job Ticket: 68653

DST#: 7

ATTN: Ryan Seib

Test Start: 2022.07.17 @ 06:56:37

GENERAL INFORMATION:

Formation: **Atoka**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 09:10:37

Time Test Ended: 14:50:37

Test Type: Conventional Straddle (Reset)

Tester: Matt Smith

Unit No: 68

Interval: 4346.00 ft (KB) To 4540.00 ft (KB) (TVD)

Reference Elevations: 2920.00 ft (KB)

Total Depth: 4740.00 ft (KB) (TVD)

2907.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 13.00 ft

Serial #: 8788

Inside

Press@RunDepth: 74.90 psig @ 4347.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2022.07.17

End Date:

2022.07.17

Last Calib.:

2022.07.17

Start Time: 06:56:42

End Time:

14:50:36

Time On Btm:

2022.07.17 @ 09:09:07

Time Off Btm:

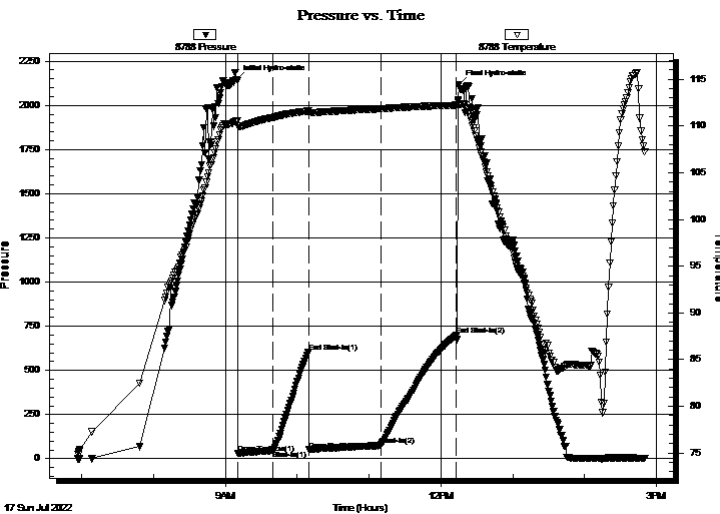
2022.07.17 @ 12:15:07

TEST COMMENT: IF: Weak-Fair Blow . Built to 5.02". (30)

IS: No Blow . (30)

FF: Weak-Fair Blow . Built to 4.70". (60)

FS: No Blow . (60)



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2147.31	110.52	Initial Hydro-static
2	30.84	109.98	Open To Flow (1)
31	46.22	110.92	Shut-In(1)
61	605.19	111.61	End Shut-In(1)
61	49.96	111.44	Open To Flow (2)
121	74.90	111.84	Shut-In(2)
184	697.12	112.22	End Shut-In(2)
186	2116.49	112.35	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	GV/SOCM 1%g 1%o 98%m	0.46
15.00	GOSM 1%g 99%m	0.11
0.00	135' GIP 100%g	0.00

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Palomino Petroleum, Inc

19-23s-33w Finney,KS

4924 SE 84th St.
New ton, KS. 67114

Garden Party #1

Job Ticket: 68653

DST#: 7

ATTN: Ryan Seib

Test Start: 2022.07.17 @ 06:56:37

Tool Information

Drill Pipe:	Length: 4086.00 ft	Diameter: 3.80 inches	Volume: 57.32 bbl	Tool Weight: 2100.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 28000.00 lb
Drill Collar:	Length: 241.00 ft	Diameter: 2.80 inches	Volume: 1.84 bbl	Weight to Pull Loose: 80000.00 lb
			<u>Total Volume: 59.16 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	12.00 ft			String Weight: Initial 72000.00 lb
Depth to Top Packer:	4346.00 ft			Final 72000.00 lb
Depth to Bottom Packer:	4537.00 ft			
Interval between Packers:	191.00 ft			
Tool Length:	425.00 ft			
Number of Packers:	3	Diameter: 6.75 inches		

Tool Comments:

Tool Description

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

Change Over Sub	1.00			4316.00	
Shut In Tool	5.00			4321.00	
Hydraulic tool	5.00			4326.00	
Jars	5.00			4331.00	
EMT	3.00			4334.00	
Safety Joint	3.00			4337.00	
Packer	4.00			4341.00	31.00 Bottom Of Top Packer
Packer	5.00			4346.00	
Stubb	1.00			4347.00	
Recorder	0.00	8788	Inside	4347.00	
Recorder	0.00	8737	Outside	4347.00	
Perforations	2.00			4349.00	
Change Over Sub	1.00			4350.00	
Blank Spacing	160.00			4510.00	
Change Over Sub	1.00			4511.00	
Perforations	25.00			4536.00	
Blank Off Sub	1.00			4537.00	191.00 Tool Interval
Packer	5.00			4542.00	
Stubb	1.00			4543.00	
Recorder	0.00	6799	Below	4543.00	
Change Over Sub	1.00			4544.00	
Blank Spacing	192.00			4736.00	
Change Over Sub	1.00			4737.00	
Bullnose	3.00			4740.00	203.00 Bottom Packers & Anchor
Total Tool Length:	425.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Palomino Petroleum, Inc

19-23s-33w Finney,KS

4924 SE 84th St.
New ton, KS. 67114

Garden Party #1

Job Ticket: 68653

DST#: 7

ATTN: Ryan Seib

Test Start: 2022.07.17 @ 06:56:37

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:

4700 ppm

Viscosity: 57.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.79 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4700.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	GVSOCM 1%g 1%o 98%m	0.457
15.00	GOSM 1%g 99%m	0.114
0.00	135' GIP 100%g	0.000

Total Length: 75.00 ft Total Volume: 0.571 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #: None

Laboratory Name:

Laboratory Location:

Recovery Comments: 135 Feet of Gas in Pipe.

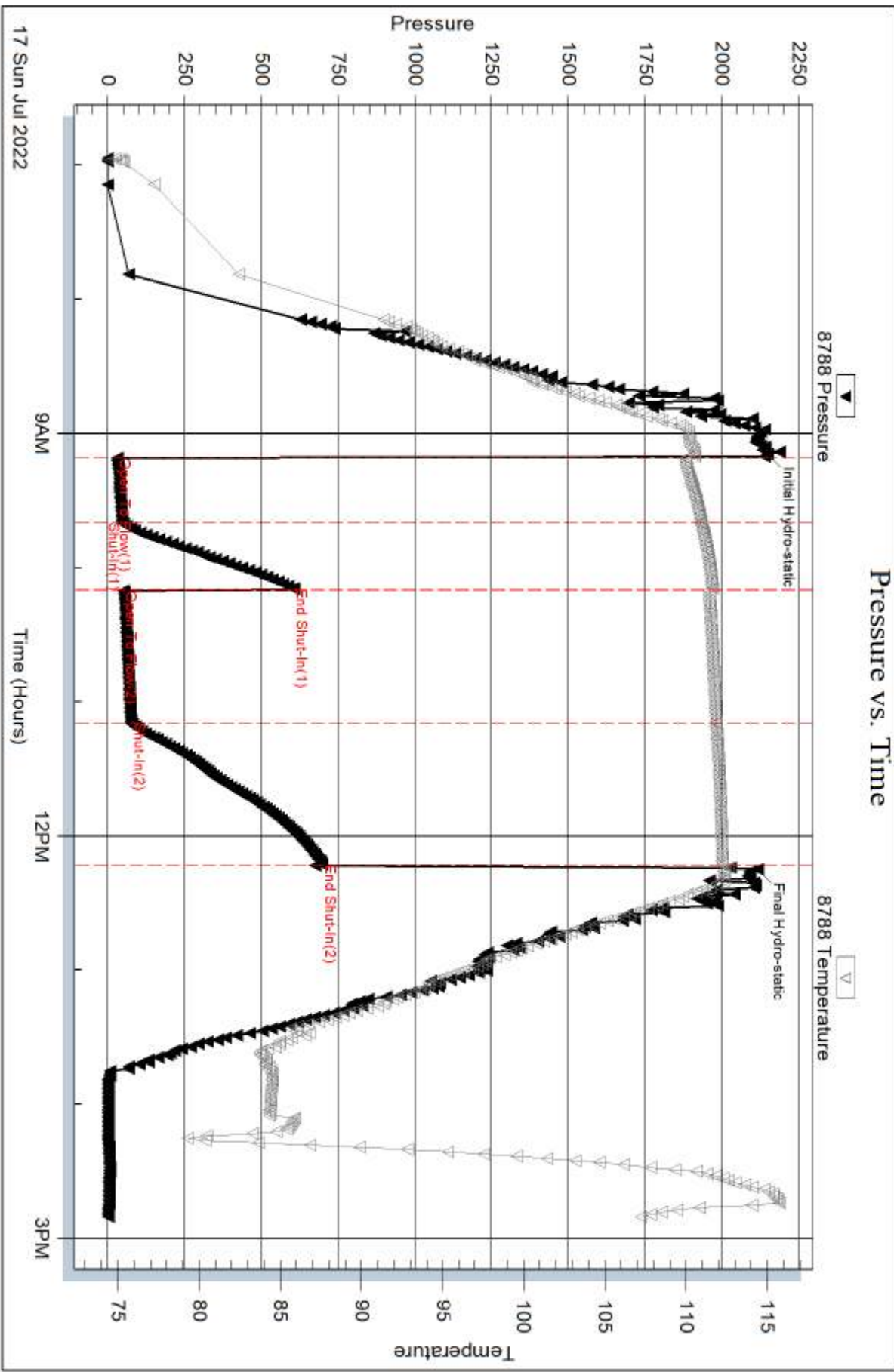
Serial #: 8788

Inside

Palomino Petroleum, Inc

Garden Party #1

DST Test Number: 7



Trilobite Testing, Inc

Ref. No: 68653

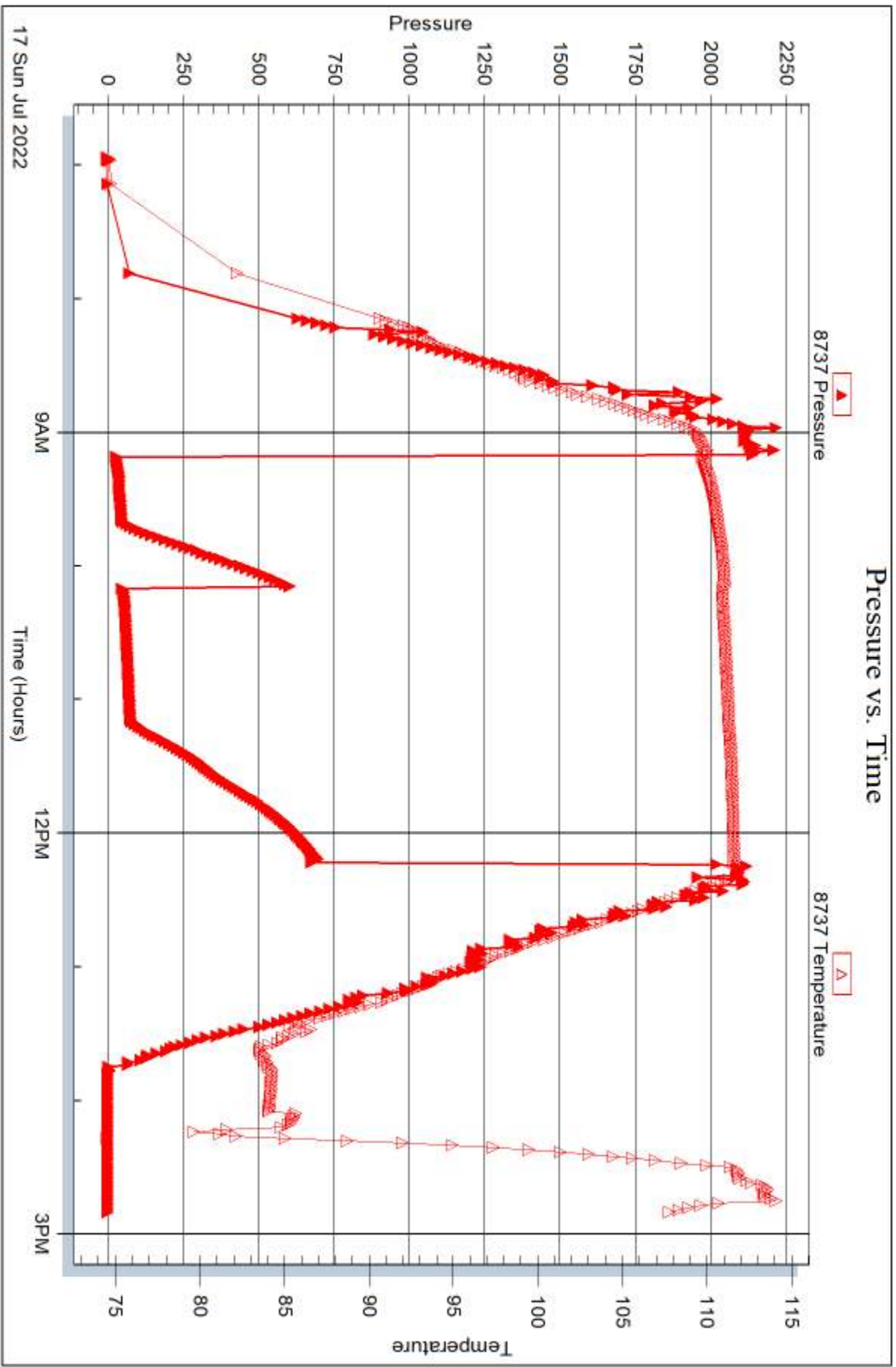
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Serial #: 8737

Outside Palomino Petroleum, Inc

Garden Party #1

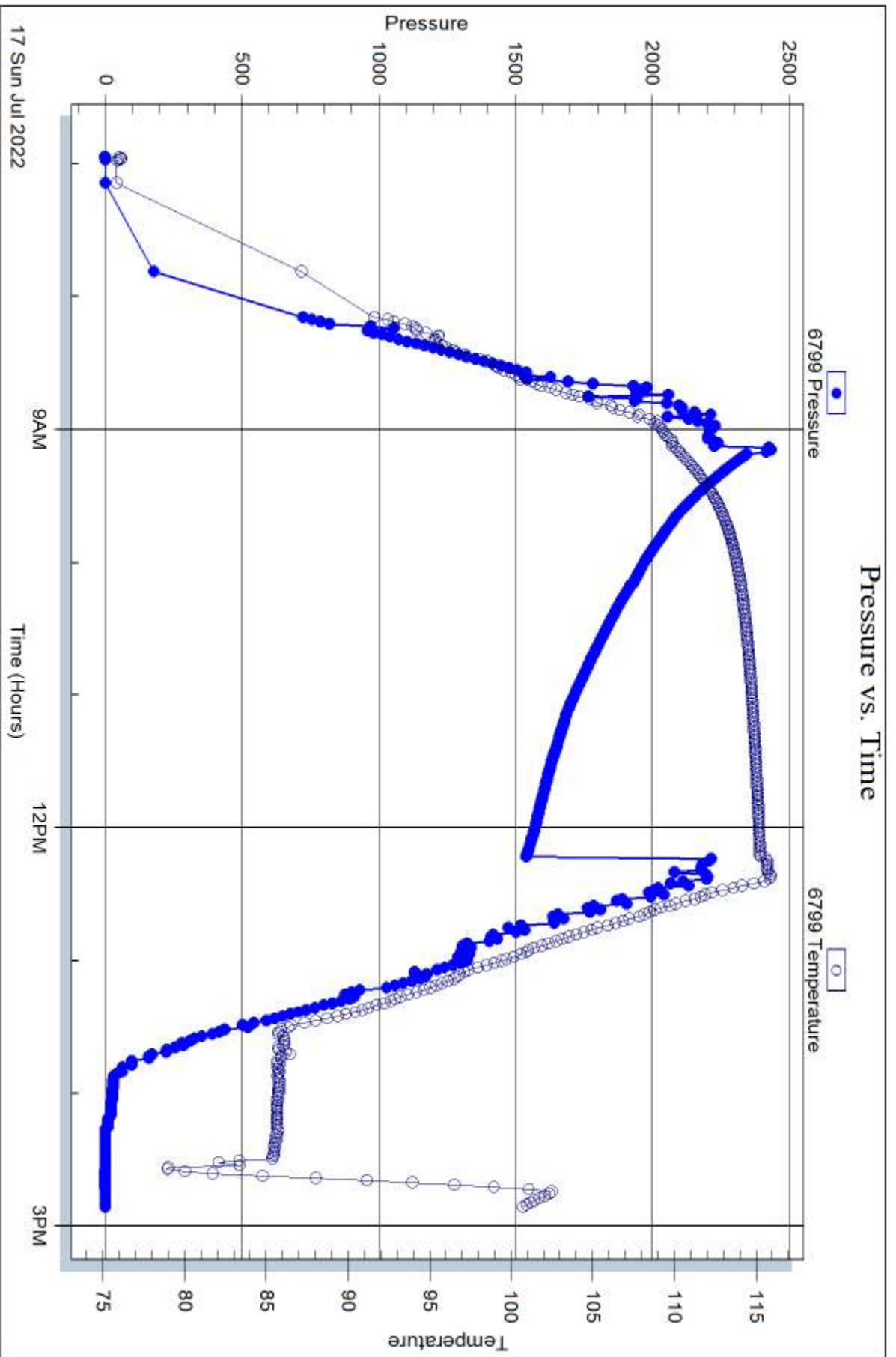
DST Test Number: 7



Trilobite Testing, Inc

Ref. No: 68653

Printed: 2022.07.20 @ 14:28:28





DRILL STEM TEST REPORT

Prepared For: **Palomino Petroleum, Inc**

4924 SE 84th St.
Newton, KS. 67114

ATTN: Ryan Seib

Garden Party #1

19-23s-33w Finney,KS

Start Date: 2022.07.17 @ 16:08:25

End Date: 2022.07.17 @ 23:08:10

Job Ticket #: 68654 DST #: 8

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

Printed: 2022.07.20 @ 14:25:41



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Palomino Petroleum, Inc

19-23s-33w Finney, KS

4924 SE 84th St.
New ton, KS. 67114

Garden Party #1

Job Ticket: 68654

DST#: 8

ATTN: Ryan Seib

Test Start: 2022.07.17 @ 16:08:25

GENERAL INFORMATION:

Formation: **Mississippi**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 18:36:55

Time Test Ended: 23:08:10

Test Type: Conventional Straddle (Reset)

Tester: Matt Smith

Unit No: 68

Interval: 4542.00 ft (KB) To 4665.00 ft (KB) (TVD)

Reference Elevations: 2920.00 ft (KB)

Total Depth: 4740.00 ft (KB) (TVD)

2907.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 13.00 ft

Serial #: 8788

Inside

Press@RunDepth: 42.85 psig @ 4543.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2022.07.17

End Date:

2022.07.17

Last Calib.:

2022.07.17

Start Time: 16:08:30

End Time:

23:08:09

Time On Btm:

2022.07.17 @ 18:36:10

Time Off Btm:

2022.07.17 @ 20:37:40

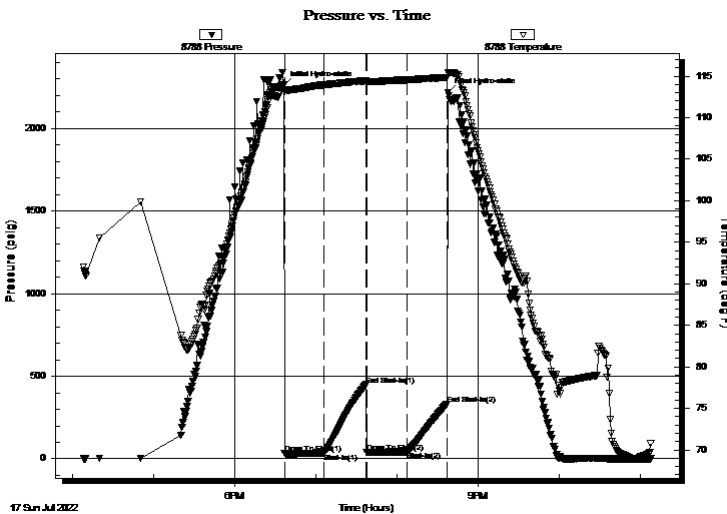
TEST COMMENT: IF: Weak Blow . Built to 1/2", in the Bucket. Dying Back. (30)

IS: No Blow . (30)

FF: No Blow . (30)

FS: No Blow . (30)

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2260.80	114.00	Initial Hydro-static
1	31.55	113.31	Open To Flow (1)
30	36.21	113.95	Shut-In(1)
61	448.10	114.45	End Shut-In(1)
62	40.76	114.29	Open To Flow (2)
92	42.85	114.54	Shut-In(2)
121	330.21	114.84	End Shut-In(2)
122	2217.55	115.44	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
20.00	DM 100%m	0.15

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Palomino Petroleum, Inc

19-23s-33w Finney,KS

4924 SE 84th St.
New ton, KS. 67114

Garden Party #1

Job Ticket: 68654

DST#: 8

ATTN: Ryan Seib

Test Start: 2022.07.17 @ 16:08:25

GENERAL INFORMATION:

Formation: **Mississippi**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 18:36:55

Time Test Ended: 23:08:10

Test Type: Conventional Straddle (Reset)

Tester: Matt Smith

Unit No: 68

Interval: 4542.00 ft (KB) To 4665.00 ft (KB) (TVD)

Reference Elevations: 2920.00 ft (KB)

Total Depth: 4740.00 ft (KB) (TVD)

2907.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 13.00 ft

Serial #: 8737 Outside

Press@RunDepth: psig @ 4543.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2022.07.17 End Date: 2022.07.17

Last Calib.: 2022.07.17

Start Time: 16:07:15 End Time: 23:06:54

Time On Btm:

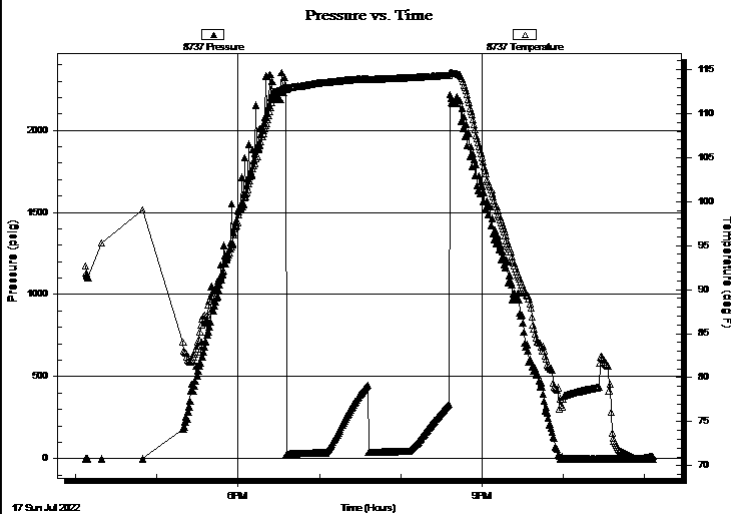
Time Off Btm:

TEST COMMENT: IF: Weak Blow . Built to 1/2", in the Bucket. Dying Back. (30)

IS: No Blow . (30)

FF: No Blow . (30)

FS: No Blow . (30)



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
20.00	DM 100%m	0.15

Gas Rates

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

* Recovery from multiple tests



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Palomino Petroleum, Inc

19-23s-33w Finney,KS

4924 SE 84th St.
New ton, KS. 67114

Garden Party #1

Job Ticket: 68654

DST#: 8

ATTN: Ryan Seib

Test Start: 2022.07.17 @ 16:08:25

GENERAL INFORMATION:

Formation: **Mississippi**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 18:36:55

Time Test Ended: 23:08:10

Interval: 4542.00 ft (KB) To 4665.00 ft (KB) (TVD)

Total Depth: 4740.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Test Type: Conventional Straddle (Reset)

Tester: Matt Smith

Unit No: 68

Reference Elevations: 2920.00 ft (KB)

2907.00 ft (CF)

KB to GR/CF: 13.00 ft

Serial #: 6799

Below (Straddle)

Press@RunDepth: psig @ 4668.00 ft (KB)

Start Date: 2022.07.17 End Date: 2022.07.17

Start Time: 16:07:35 End Time: 23:07:44

Capacity: 8000.00 psig

Last Calib.: 2022.07.17

Time On Btm:

Time Off Btm:

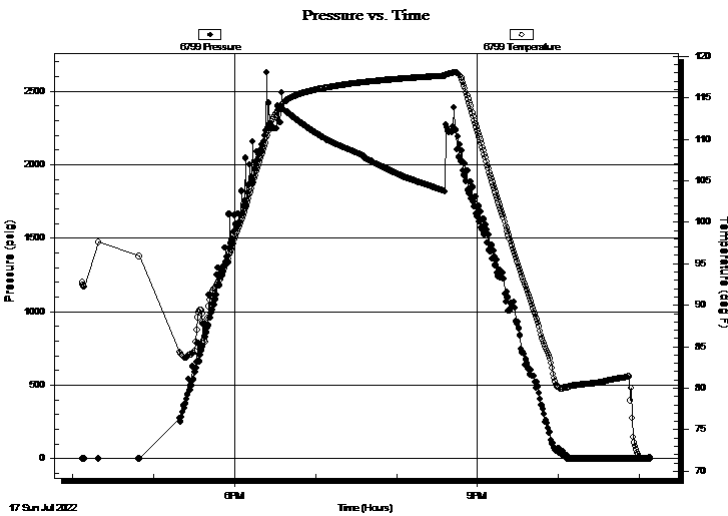
TEST COMMENT: IF: Weak Blow . Built to 1/2", in the Bucket. Dying Back. (30)

IS: No Blow . (30)

FF: No Blow . (30)

FS: No Blow . (30)

PRESSURE SUMMARY



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

Recovery

Length (ft)	Description	Volume (bbl)
20.00	DM 100%m	0.15

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Palomino Petroleum, Inc

19-23s-33w Finney,KS

4924 SE 84th St.
New ton, KS. 67114

Garden Party #1

Job Ticket: 68654

DST#: 8

ATTN: Ryan Seib

Test Start: 2022.07.17 @ 16:08:25

Tool Information

Drill Pipe:	Length: 4282.00 ft	Diameter: 3.80 inches	Volume: 60.07 bbl	Tool Weight: 2100.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 28000.00 lb
Drill Collar:	Length: 241.00 ft	Diameter: 2.80 inches	Volume: 1.84 bbl	Weight to Pull Loose: 80000.00 lb
			<u>Total Volume: 61.91 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	12.00 ft			String Weight: Initial 72000.00 lb
Depth to Top Packer:	4542.00 ft			Final 72000.00 lb
Depth to Bottom Packer:	4662.00 ft			
Interval between Packers:	120.00 ft			
Tool Length:	164.00 ft			
Number of Packers:	3	Diameter: 6.75 inches		

Tool Comments:

Tool Description

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

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4512.00	
Shut In Tool	5.00			4517.00	
Hydraulic tool	5.00			4522.00	
Jars	5.00			4527.00	
EMT	3.00			4530.00	
Safety Joint	3.00			4533.00	
Packer	4.00			4537.00	31.00 Bottom Of Top Packer
Packer	5.00			4542.00	
Stubb	1.00			4543.00	
Recorder	0.00	8788	Inside	4543.00	
Recorder	0.00	8737	Outside	4543.00	
Perforations	5.00			4548.00	
Change Over Sub	1.00			4549.00	
Blank Spacing	96.00			4645.00	
Change Over Sub	1.00			4646.00	
Perforations	15.00			4661.00	
Blank Off Sub	1.00			4662.00	120.00 Tool Interval
Packer	5.00			4667.00	
Stubb	1.00			4668.00	
Recorder	0.00	6799	Below	4668.00	
Perforations	1.00			4669.00	
Change Over Sub	1.00			4670.00	
Perforations	2.00			4672.00	
Bullnose	3.00			4675.00	13.00 Bottom Packers & Anchor
Total Tool Length:	164.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Palomino Petroleum, Inc

19-23s-33w Finney,KS

4924 SE 84th St.
New ton, KS. 67114

Garden Party #1

Job Ticket: 68654

DST#: 8

ATTN: Ryan Seib

Test Start: 2022.07.17 @ 16:08:25

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:

4000 ppm

Viscosity: 47.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.79 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4000.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
20.00	DM 100%m	0.152

Total Length: 20.00 ft Total Volume: 0.152 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #: None

Laboratory Name:

Laboratory Location:

Recovery Comments:

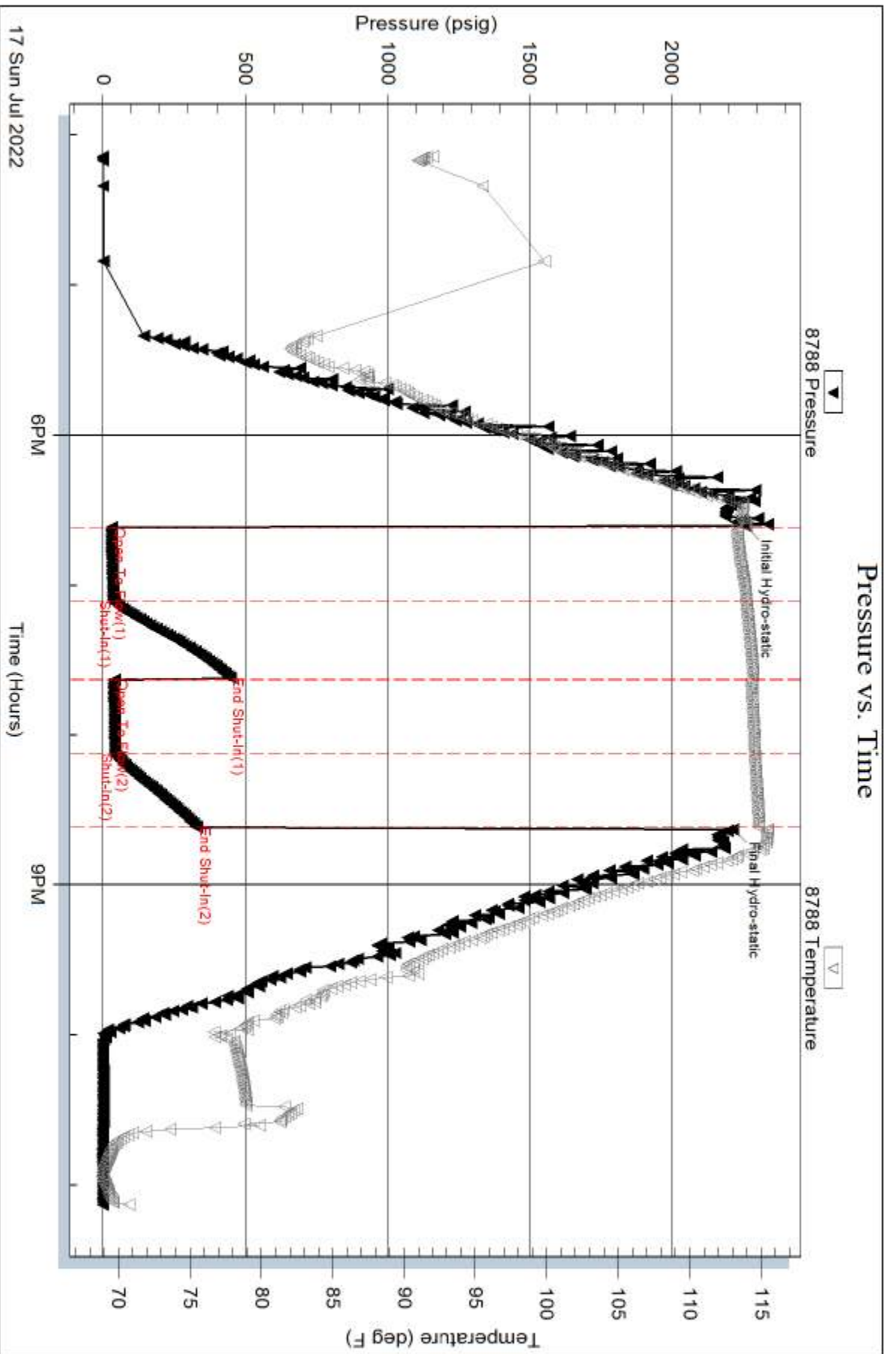
Serial #: 8788

Inside

Palomino Petroleum, Inc

Garden Party #1

DST Test Number: 8



Trilobite Testing, Inc

Ref. No: 68654

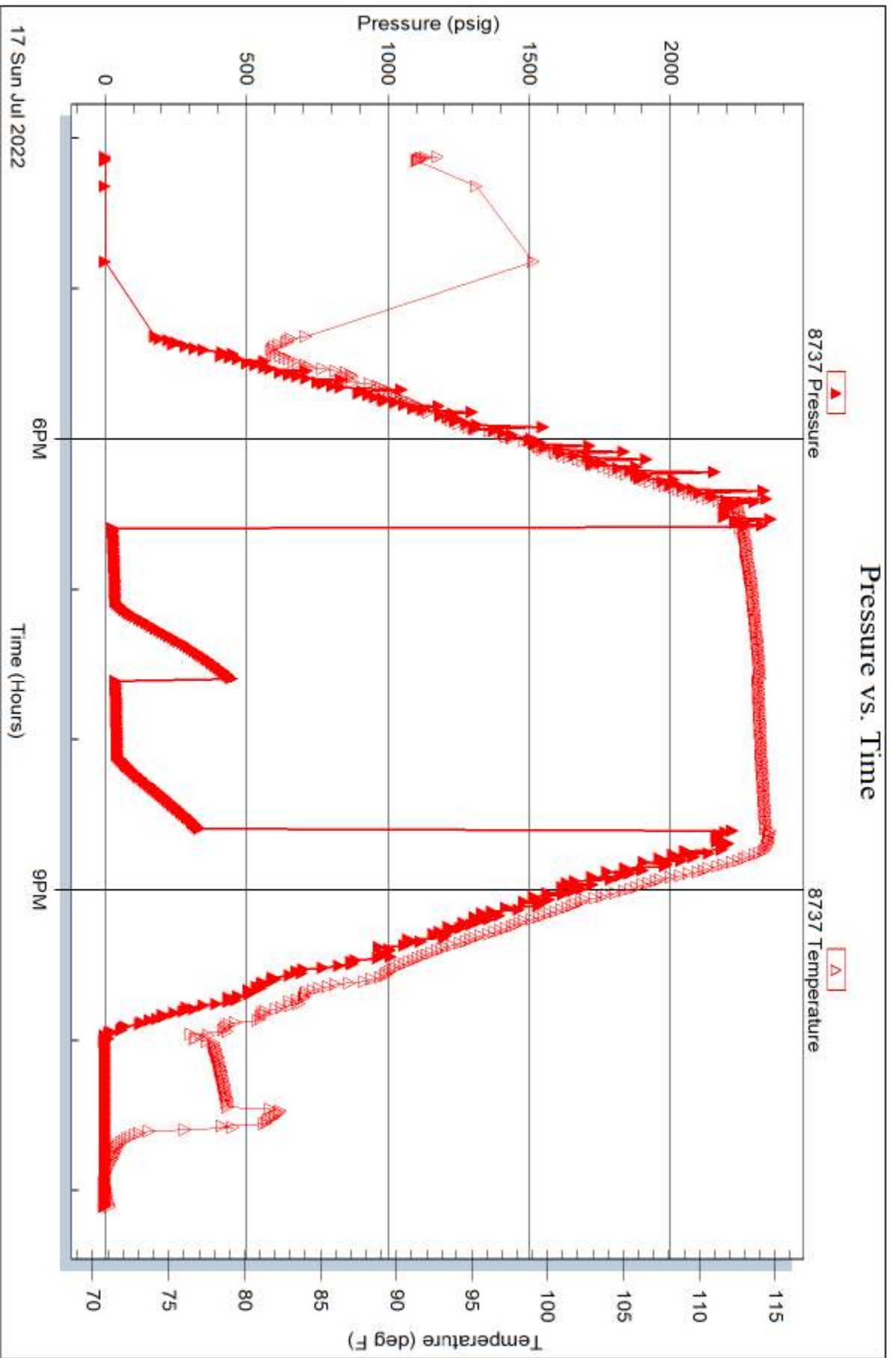
Printed: 2022.07.20 @ 14:26:51

Serial #: 8737

Outside Palomino Petroleum, Inc

Garden Party #1

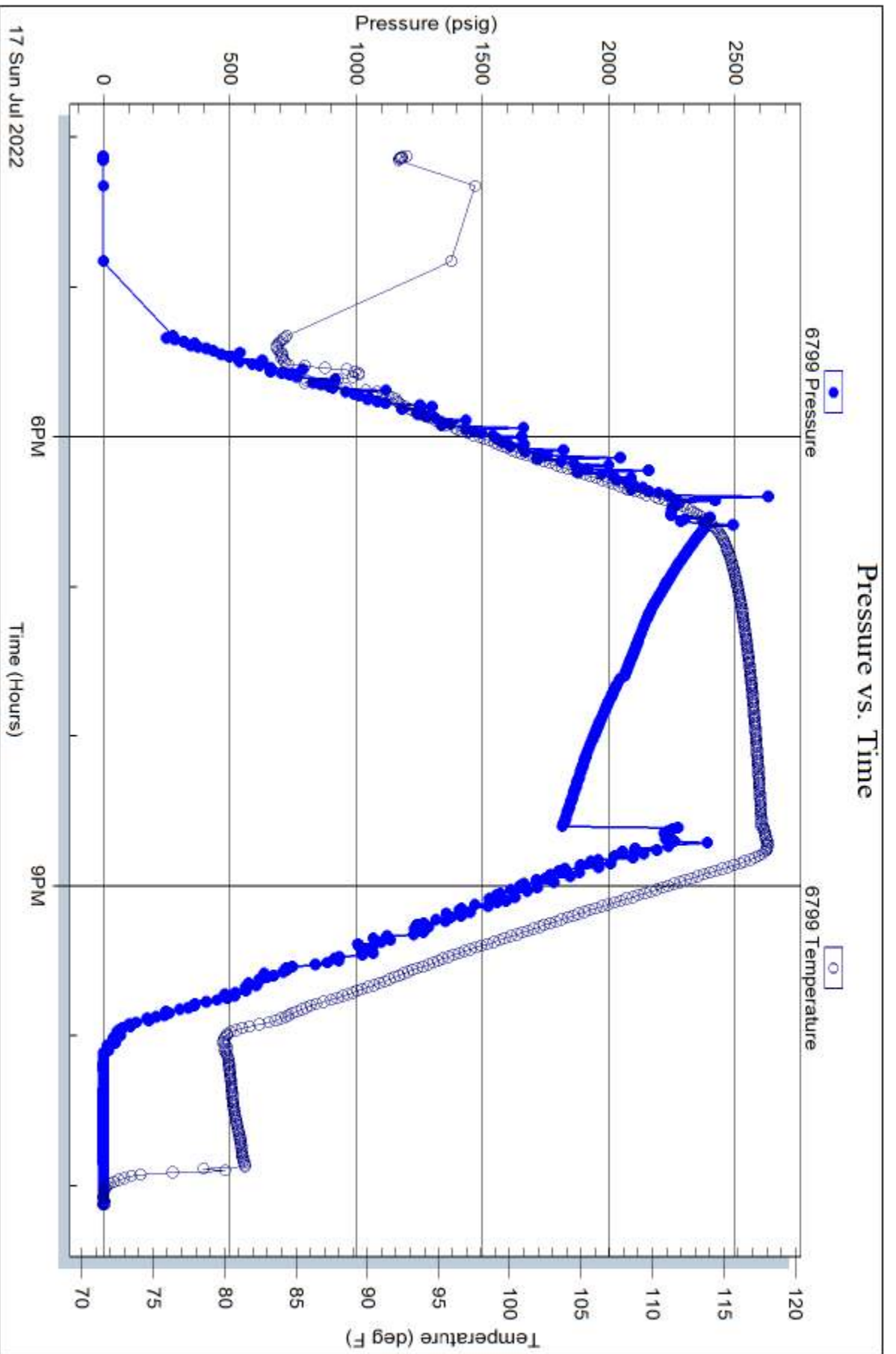
DST Test Number: 8



Trilobite Testing, Inc

Ref. No: 68654

Printed: 2022.07.20 @ 14:26:51





TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 68897

Well Name & No. Garden Party #01 Test No. 1 Date 7/11/22
 Company Palomino Petroleum, Inc. Elevation 2920 KB 2907 GL
 Address 4924 SE 84th St. Newton, KS. 67114
 Co. Rep / Geo. Ryan Seib Rig Murkin 21
 Location: Sec. 19 Twp 23s Rge. 33w Co. Finney State KS

Interval Tested 3778 - 3820 Zone Tested Lansing "A"
 Anchor Length 42' Drill Pipe Run 3520 Mud Wt. 8.7
 Top Packer Depth 3773 Drill Collars Run 241 Vis 4/3
 Bottom Packer Depth 3778 Wt. Pipe Run 2 WL 7.2
 Total Depth 3820 Chlorides 1,700 ppm System LCM 2"

Blow Description IF: Weak Blow. Built to 1" in the bucket.
ISI: No Blow.
FF: Weak Blow. Built to .54"
FSI: No Blow.

Rec	Feet of	%gas	%oil	%water	%mud
<u>40</u>	<u>WCM 10</u>			<u>10</u>	<u>90</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 40' Fluid BHT 103° Gravity N/A API RW N/A @ ← °F Chlorides 1700 ppm

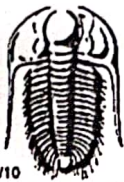
(A) Initial Hydrostatic <u>1806</u>	<input checked="" type="checkbox"/> Test <u>1800</u>	T-On Location <u>0055</u>
(B) First Initial Flow <u>29</u>	<input checked="" type="checkbox"/> Jars <u>300</u>	T-Started <u>0155</u>
(C) First Final Flow <u>32</u>	<input checked="" type="checkbox"/> Safety Joint	T-Open <u>0448</u>
(D) Initial Shut-in <u>981</u>	<input type="checkbox"/> Circ Sub	T-Pulled <u>0700</u>
(E) Second Initial Flow <u>38</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>0901</u>
(F) Second Final Flow <u>42</u>	<input checked="" type="checkbox"/> Mileage <u>7275 C. / 288 - P2011</u>	Comments
(G) Final Shut-in <u>959</u>	<input type="checkbox"/> Sampler <u>108</u>	
(H) Final Hydrostatic <u>1767</u>	<input type="checkbox"/> Straddle	<input checked="" type="checkbox"/> EM Tool <u>-350</u>

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

Shale Packer
 Extra Packer
 Extra Recorder
 Day Standby
 Accessibility
 Sub Total 2208

Ruined Shale Packer
 Ruined Packer
 Extra Copies
 Sub Total -350
 Total 1858

Approved By _____ Our Representative Matthew Smith
 TriLOBITE TESTING INC. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test, tests 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. **68898**

Well Name & No. Garden Party #1 Test No. 2 Date 7/11/22
 Company Palomino Petroleum Inc. Elevation 2920 KB 2907 GL
 Address 4924 SE 84th St. Newton, KS. 67114
 Co. Rep / Geo. Ryan Serb Rig Murfin 21
 Location: Sec. 19 Twp 23s Rge. 33w Co. Finney State KS

Interval Tested 3823 - 3890 Zone Tested Lansing "B+C"
 Anchor Length 67' Drill Pipe Run 3584 Mud Wt. 9.2
 Top Packer Depth 3818 Drill Collars Run 241 Vis 64
 Bottom Packer Depth 3823 Wt. Pipe Run 6 WL 7.2
 Total Depth 3890 Chlorides 2400 ppm System LCM 4#

Blow Description IF: Strong Blow. Bi.O.Bi in 3 mins. Built to 50.51".
ISI: NO Blow.
FF: Strong Blow. Bi.O.Bi in 4 mins. Built to 44.92".
FSI: NO Blow.

Rec	Feet of	%gas	%oil	%water	%mud
<u>261</u>	<u>WCM</u>		<u>45</u>	<u>55</u>	
<u>320</u>	<u>MCW</u>		<u>75</u>	<u>25</u>	
<u>369</u>	<u>MCW</u>		<u>98</u>	<u>2</u>	

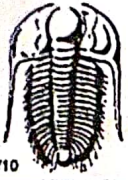
Rec Total 950' Fluid BHT 103° Gravity N/A API RW 0.06 @ 70 ° F Chlorides 105,000 ppm

(A) Initial Hydrostatic <u>1832</u>	<input checked="" type="checkbox"/> Test <u>1800</u>	T-On Location <u>1717</u>
(B) First Initial Flow <u>102</u>	<input checked="" type="checkbox"/> Jars <u>300</u>	T-Started <u>1833</u>
(C) First Final Flow <u>293</u>	<input checked="" type="checkbox"/> Safety Joint	T-Open <u>2111</u>
(D) Initial Shut-In <u>997</u>	<input type="checkbox"/> Circ Sub	T-Pulled <u>2250</u>
(E) Second Initial Flow <u>319</u>	<input type="checkbox"/> Hourly Standby <u>108</u>	T-Out <u>0215</u>
(F) Second Final Flow <u>454</u>	<input checked="" type="checkbox"/> Mileage <u>72 S.E. / 288 Part</u>	Comments <u>* Motel Stay *</u>
(G) Final Shut-In <u>987</u>	<input type="checkbox"/> Sampler	
(H) Final Hydrostatic <u>1787</u>	<input type="checkbox"/> Straddle	<input checked="" type="checkbox"/> EM Tool
	<input type="checkbox"/> Shale Packer	<input type="checkbox"/> Ruined Shale Packer
	<input type="checkbox"/> Extra Packer	<input type="checkbox"/> Ruined Packer
	<input type="checkbox"/> Extra Recorder	<input type="checkbox"/> Extra Copies
	<input type="checkbox"/> Day Standby	Sub Total <u>0</u>
	<input type="checkbox"/> Accessibility	Total <u>2208</u>
	Sub Total <u>2208</u>	MP/DST Disc't

Initial Open 15
 Initial Shut-In 30
 Final Flow 15
 Final Shut-In 30

Approved By _____ Our Representative Matthew J. Smith

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TRIOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 68899

Well Name & No. Garden Party #1 Test No. 3 Date 7/12/22
 Company Palomina Petroleum, Inc Elevation 2920 KB 2907 GL
 Address 4924 SE 84th St. Newton, ks. 67124
 Co. Rep / Geo. Ryan Serb Rig Murphy 21
 Location: Sec. 19 Twp 23S Rge. 33W Co. Finney State Ks

Interval Tested 4008 - 4033 Zone Tested Lansing "H"
 Anchor Length 25' Drill Pipe Run 3742 Mud Wt. 9.0
 Top Packer Depth 4003 Drill Collars Run 241 Vis 60
 Bottom Packer Depth 4008 Wt. Pipe Run 8 WL 8.8
 Total Depth 4033 Chlorides 3000 ppm System LCM 3#

Blow Description IF: Weak Blow. Built to 1.61"
ISI: No Blow.
FF: Weak Blow. Built to 1.16"
FSI: No Blow.

Rec	Feet of	%gas	%oil	%water	%mud
<u>80</u>	<u>WCM</u>		<u>25</u>	<u>75</u>	

Rec Total 80' Fluid BHT 105° Gravity N/A API RW 08 @ 77° F Chlorides 95000 ppm
 (A) Initial Hydrostatic 1958 Test 1950 T-On Location 1542
 (B) First Initial Flow 25 Jars 300 T-Started 1608
 (C) First Final Flow 37 Safety Joint T-Open 1821
 (D) Initial Shut-In 1027 Circ Sub T-Pulled 2030
 (E) Second Initial Flow 45 Hourly Standby NO 108 T-Out 2236
 (F) Second Final Flow 59 Mileage (72) SC/288 Pratt Comments *Motel Stay*
 (G) Final Shut-In 1004 Sampler
 (H) Final Hydrostatic 1909 Straddle EM Tool -350
 Shale Packer Ruined Shale Packer
 Extra Packer Ruined Packer
 Extra Recorder Extra Copies

Initial Open 30
 Initial Shut-In 30
 Final Flow 30
 Final Shut-In 30
 Sub Total 2358 MP/DST Disc't _____

Approved By _____ Our Representative [Signature]
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TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 68900

Well Name & No. Garden Party #1 Test No. 4 Date 7/13/22
 Company Palomina Petroleum, Inc. Elevation 2920 KB 2907 GL
 Address 4924 SE 84th St. Newton, Ks. 67114
 Co. Rep / Geo. Ryan Seib Rig Murfin 21
 Location: Sec. 19 Twp 23s Rge. 33w Co. Finney State Ks.

Interval Tested 4236 - 4330 Zone Tested Marmaton
 Anchor Length 94' Drill Pipe Run 396 Mud Wt. 9.2
 Top Packer Depth 4231 Drill Collars Run 241 Vis 52
 Bottom Packer Depth 4236 Wt. Pipe Run 8 WL 8.8
 Total Depth 4330 Chlorides 4000 ppm System LCM 4#

Blow Description IF! Weak Blow. Built to 3.84"
ISI! NO Blow.
FF! Weak Blow. Built to 1.88"
FSI! NO Blow.

Rec	Feet of	%gas	%oil	%water	%mud
<u>115</u>	<u>115</u> Feet of <u>GIP.</u>				
<u>10</u>	<u>10</u> Feet of <u>GCM</u>	<u>1</u> %gas			<u>99</u> %mud
<u>120</u>	<u>120</u> Feet of <u>GWcm</u>	<u>2</u> %gas		<u>5</u> %water	<u>93</u> %mud

Rec Total 130' Fluid BHT 108° Gravity N/A API RW N/A @ — °F Chlorides 4000 ppm

(A) Initial Hydrostatic 2096 Test 1950 T-On Location 2155
 (B) First Initial Flow 31 Jars 300 T-Started 2212
 (C) First Final Flow 62 Safety Joint _____ T-Open 0046
 (D) Initial Shut-In 287 Circ Sub _____ T-Pulled 0255
 (E) Second Initial Flow 70 Hourly Standby 108 T-Out 0549
 (F) Second Final Flow 103 Mileage (72) SC / 288 PRAT Comments * Motel Stay *
 (G) Final Shut-In 282 Sampler _____
 (H) Final Hydrostatic 2077 Straddle _____ EM Tool -350
 Shale Packer _____ Ruined Shale Packer _____
 Extra Packer _____ Ruined Packer _____
 Extra Recorder _____ Extra Copies _____

Initial Open 30
 Initial Shut-In 30
 Initial Flow 30
 Initial Shut-In 30

Sub Total 2358 MP/DST Disc't _____
 Sub Total -350
 Total 2008

Approved By _____ Our Representative [Signature]
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TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. **68651**

Well Name & No. Garden Party #1 Test No. 5 Date 7/14/22
 Company Palomino Petroleum, Inc. Elevation 2920 KB 2907 GL
 Address 4924 SE 84th St. Newton, KS. 67114
 Co. Rep / Geo. Ryan Seib Rig Murfin 2L
 Location: Sec. 19 Twp 23S Rge. 33W Co. Finney State KS.

Interval Tested 4325 - 4385 Zone Tested Pawnee - Myrick
 Anchor Length 60' Drill Pipe Run 4060 Mud Wt. 9.3
 Top Packer Depth 4320 Drill Collars Run 241 Vis S8
 Bottom Packer Depth 4325 Wt. Pipe Run 0 WL 9.6
 Total Depth 4385 Chlorides 4200 ppm System LCM 4#

Blow Description IF: Weak Blow. 1/2" in Bucket. Built to .45".
ISI: NO Blow.
FF: NO Blow.
FSI: NO Blow.

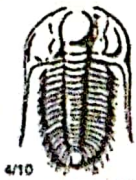
Rec	Feet of	%gas	%oil	%water	%mud
<u>80</u>	<u>GIP</u>	<u>100%</u>			
<u>10</u>	<u>GOSM</u>	<u>1%</u>			<u>99%</u>
		%gas	%oil	%water	%mud
		%gas	%oil	%water	%mud
		%gas	%oil	%water	%mud

Rec Total 10' Fluid BHT 106° Gravity N/A API RW N/A @ - °F Chlorides 4200 ppm

(A) Initial Hydrostatic 2183 Test 1950 T-On Location 1443
 (B) First Initial Flow 29 Jars 300 T-Started 1506
 (C) First Final Flow 30 Safety Joint T-Open 1729
 (D) Initial Shut-In 595 Circ Sub T-Pulled 1935
 (E) Second Initial Flow 36 Hourly Standby 108 T-Out 2150
 (F) Second Final Flow 36 Mileage (72) SC/288 Prnt Comments * Metal Stay *
 (G) Final Shut-In 469 Sampler
 (H) Final Hydrostatic 2087 Straddle EM Tool
 Shale Packer Ruined Shale Packer
 Extra Packer Ruined Packer
 Extra Recorder Extra Copies
 Day Standby Sub Total 0
 Accessibility Total 2008
 Sub Total 2358 MP/DST Disc't

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

Approved By _____ Our Representative Matthew Smith
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TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. **68652**

Well Name & No. Garden Party #1 Test No. 6 Date 7/15/22
 Company Kalamazoo Petroleum Elevation 2920 KB 2907 GL
 Address 4924 SE 84th St. Newton, Ks. 67114
 Co. Rep / Gen. Ryan Seib Rig Murphy 21
 Location: Sec. 19 Twp 23S Rge. 33W Co. Finney State KS

Interval Tested 4510 - 4603 Zone Tested Marrow
 Anchor Length 93' Drill Pipe Run 4249 Mud Wt. 9.1
 Top Packer Depth 4505 Drill Collars Run 241 Vis 48
 Bottom Packer Depth 4510 Wt. Pipe Run 2 WL 8.0
 Total Depth 4603 Chlorides 4,500 ppm System LCM 3#

Blow Description IF: Weak Blow. Built to 64". Dying off.
ISI: No Blow.
FF: Weak Blow. Built to 47". Dying off.
FSI: No Blow.

Rec	Feet of	%gas	%oil	%water	%mud
<u>55</u>	<u>GIP</u>	<u>100</u>			
<u>5</u>	<u>GUSOCM</u>	<u>1</u>	<u>1</u>		<u>98</u>
		%gas	%oil	%water	%mud
		%gas	%oil	%water	%mud
		%gas	%oil	%water	%mud

Rec Total S' Fluid BHT 111° Gravity N/A API RW N/A @ — °F Chlorides 4500 ppm

(A) Initial Hydrostatic	<u>2228</u>
(B) First Initial Flow	<u>27</u>
(C) First Final Flow	<u>30</u>
(D) Initial Shut-In	<u>474</u>
(E) Second Initial Flow	<u>33</u>
(F) Second Final Flow	<u>35</u>
(G) Final Shut-In	<u>315</u>
(H) Final Hydrostatic	<u>2219</u>

- Test 1950
- Jars 300
- Safety Joint
- Circ Sub
- Hourly Standby 108
- Mileage 72¹ Sc / 288 Prot
- Sampler
- Straddle
- Shale Packer 250
- Extra Packer
- Extra Recorder
- Day Standby
- Accessibility
- Sub Total 2608

T-On Location	<u>2107</u>
T-Started	<u>2135</u>
T-Open	<u>0003</u>
T-Pulled	<u>0210</u>
T-Out	<u>0515</u>
Comments	<u>* Motel Stay *</u>
<input checked="" type="checkbox"/> EM Tool	<u>-350</u>
<input type="checkbox"/> Ruined Shale Packer	
<input type="checkbox"/> Ruined Packer	
<input type="checkbox"/> Extra Copies	
Sub Total	<u>-350</u>
Total	<u>2258</u>
MP/DST Disc'l	

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

Approved By _____ Our Representative Matthew Smith
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TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. **68653**

Well Name & No. Garden Party #1 Test No. 7 Date 7/17/22
 Company Palomina Petroleum, Inc. Elevation 2920 KB 2907 GL
 Address 4924 SE 84th St. Newton, KS. 67114
 Co. Rep / Geo. Ryan Seib Rig Martin 21
 Location: Sec. 19 Twp 23S Rge. 33W Co. Finney State KS.

Interval Tested 4346 - 4540 Zone Tested Atoka
 Anchor Length 194' / 200' Tail Drill Pipe Run 4086 Mud Wt. 9.3
 Top Packer Depth 4341 Drill Collars Run 241 Vis 57
 Bottom Packer Depth 4346 Wt. Pipe Run 2 WL 8.8
 Total Depth 4740 Chlorides 4700 ppm System LCM 3#

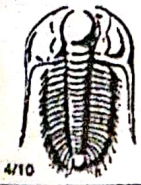
Blow Description IF: Weak - Fair Blow. Built to 5.02".
ISI: No Blow.
FF: Weak - Fair Blow. Built to 4.70".
FSI: No Blow.

Rec	Feet of	%gas	%oil	%water	%mud
135	GIP	100			
15	GOSm	1			99
60	GVSOCm	1	1		98

Rec Total 75' Fluid BHT _____ Gravity N/A API RW N/A @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic <u>2147</u>	<input checked="" type="checkbox"/> Test <u>1950</u>	T-On Location <u>0522 / 0600 cal</u>
(B) First Initial Flow <u>31</u>	<input checked="" type="checkbox"/> Jars <u>300</u>	T-Started <u>0656</u>
(C) First Final Flow <u>46</u>	<input checked="" type="checkbox"/> Safety Joint _____	T-Open <u>0910</u>
(D) Initial Shut-In <u>605</u>	<input type="checkbox"/> Circ Sub _____	T-Pulled <u>1240</u>
(E) Second Initial Flow <u>50</u>	<input type="checkbox"/> Hourly Standby <u>108</u>	T-Out <u>1450</u>
(F) Second Final Flow <u>75</u>	<input checked="" type="checkbox"/> Mileage <u>(2299) sec / 288 part</u>	Comments <u>* Motel Stay *</u>
(G) Final Shut-In <u>697</u>	<input type="checkbox"/> Sampler _____	
(H) Final Hydrostatic <u>2117</u>	<input checked="" type="checkbox"/> Straddle <u>600</u>	<input checked="" type="checkbox"/> EM Tool _____
	<input type="checkbox"/> Shale Packer _____	<input type="checkbox"/> Ruined Shale Packer _____
Initial Open <u>30</u>	<input type="checkbox"/> Extra Packer _____	<input type="checkbox"/> Ruined Packer _____
Initial Shut-In <u>30</u>	<input type="checkbox"/> Extra Recorder _____	<input type="checkbox"/> Extra Copies _____
Final Flow <u>60</u>	<input type="checkbox"/> Day Standby _____	Sub Total <u>0</u>
Final Shut-In <u>60</u>	<input type="checkbox"/> Accessibility _____	Total <u>2958</u>
	Sub Total <u>2958</u>	MP/DST Disc't _____

Approved By _____ Our Representative [Signature]
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TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 68654

Well Name & No. Garden Party #1 Test No. 8 Date 7/17/22
 Company Palomina Petroleum, Inc. Elevation 2920 KB 2907 GL
 Address 4924 SE 84th St. Newton, KS. 67114
 Co. Rep / Geo. Ryan Seib Rig Murkin 21
 Location: Sec. 19 Twp 23S Rge. 33W Co. Finnay State KS

Interval Tested 4542 - 4665 Zone Tested Mississippi
 Anchor Length 123' Drill Pipe Run 4282 Mud Wt. 9.3
 Top Packer Depth 4537 Drill Collars Run 241 Vis 47
 Bottom Packer Depth 4542 Wt. Pipe Run 8 WL 8.8
 Total Depth 4665 Chlorides 4000 ppm System LCM 34

Blow Description IF: Weak Blow. Burst to 1/2" in the Bucket.

ISI: No Blow.

FE: No Blow.

FSI: No Blow.

Rec	Feet of	%gas	%oil	%water	%mud
<u>20</u>	<u>Dm</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 20' Dm BHT 114° Gravity N/A API RW N/A @ — °F Chlorides 4000 ppm

- (A) Initial Hydrostatic 2261
- (B) First Initial Flow 32
- (C) First Final Flow 36
- (D) Initial Shut-In 448
- (E) Second Initial Flow 41
- (F) Second Final Flow 43
- (G) Final Shut-In 330
- (H) Final Hydrostatic 2218

- Test 1950
- Jars 300
- Safety Joint
- Circ Sub
- Hourly Standby 108
- Mileage 72 Jc / 288 Pratt
- Sampler
- Straddle 600
- Shale Packer
- Extra Packer
- Extra Recorder
- Day Standby
- Accessibility
- Sub Total 2958

- T-On Location 0522
- T-Started 1608
- T-Open 1836
- T-Pulled 2045
- T-Out 2308
- Comments Ran Back to Back
- EM Tool
- Ruined Shale Packer
- Ruined Packer
- Extra Copies
- Sub Total 0
- Total 2958
- MP/DST Disc't

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

Approved By _____

Our Representative [Signature]

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

Customer:
 PALOMINO PETROLEUM INC
 4924 SE 84TH ST
 NEWTON, KS 67114-8827

Invoice Date: 7/7/2022
 Invoice #: 0361885
 Lease Name: Garden Party
 Well #: 1 (New)
 County: Finney, Ks
 Job Number: WP3045
 District: Oakley

Date/Description	HRS/QTY	Rate	Total
Surface	0.000	0.000	0.00
H-325	260.000	21.600	5,616.00
Light Eq Mileage	85.000	2.000	170.00
Heavy Eq Mileage	170.000	4.000	680.00
Ton Mileage	1,041.000	1.500	1,561.50
Depth Charge 0'-500'	1.000	960.000	960.00
Cement Blending & Mixing	260.000	1.344	349.44
Service Supervisor	1.000	264.000	264.00

Total 9,600.94

TERMS: Net 30 days. Interest may be charged on past due invoice at rate of 1 ½% per month or maximum allowed by applicable state or federal laws. HSI has right to revoke any discounts applied in arriving at net invoice price if invoice is past due. If revoked, full invoice price without discount plus additional sales tax, as applicable, is due immediately and subject to interest charges. Customer agrees to pay all collection costs directly or indirectly incurred by HSI in the event HSI engages a third party to pursue collection of past due invoice.

SALES TAX: Services performed on oil, gas and water wells in Kansas are subject to sales tax, with certain exceptions. HSI relies on the well information provided by the customer in identifying whether the services performed on wells qualify for exemption.

WE APPRECIATE YOUR BUSINESS!



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

Customer:
 PALOMINO PETROLEUM INC
 4924 SE 84TH ST
 NEWTON, KS 67114-8827

Invoice Date: 7/18/2022
 Invoice #: 0362075
 Lease Name: Garden Party
 Well #: 1
 County: Finney, Ks
 Job Number: WP3091
 District: Oakley

Date/Description	HRS/QTY	Rate	Total
PTA	0.000	0.000	0.00
H-Plug	240.000	13.440	3,225.60
Light Eq Mileage	90.000	2.000	180.00
Heavy Eq Mileage	180.000	4.000	720.00
Ton Mileage	1,091.000	1.500	1,636.50
Cement Blending & Mixing	240.000	1.344	322.56
Service Supervisor	1.000	264.000	264.00
Wooden plug 8 5/8"	1.000	144.000	144.00
Depth Charge 1001'-2000'	1.000	1,440.000	1,440.00

Net Invoice 7,932.66
 Sales Tax: 497.85
Total 8,430.51

TERMS: Net 30 days. Interest may be charged on past due invoice at rate of 1 ½% per month or maximum allowed by applicable state or federal laws. HSI has right to revoke any discounts applied in arriving at net invoice price if invoice is past due. If revoked, full invoice price without discount plus additional sales tax, as applicable, is due immediately and subject to interest charges. Customer agrees to pay all collection costs directly or indirectly incurred by HSI in the event HSI engages a third party to pursue collection of past due invoice.

SALES TAX: Services performed on oil, gas and water wells in Kansas are subject to sales tax, with certain exceptions. HSI relies on the well information provided by the customer in identifying whether the services performed on wells qualify for exemption.

WE APPRECIATE YOUR BUSINESS!



Customer	Palomino Petroleum Inc		Lease & Well #	Garden Party # 1		Date	7/18/2022
Service District	Oakley KS		County & State	Finney KS	Legals S/T/R	19-23-33W	
Job Type	PTA	<input checked="" type="checkbox"/> PROD	<input type="checkbox"/> INJ	<input type="checkbox"/> SWD	New Well?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> No
Equipment #	Driver	Job Safety Analysis - A Discussion of Hazards & Safety Procedures					
78	Jesse	<input checked="" type="checkbox"/> Hard hat	<input checked="" type="checkbox"/> Gloves	<input type="checkbox"/> Lockout/Tagout	<input type="checkbox"/> Warning Signs & Flagging		
230	Moe	<input checked="" type="checkbox"/> H2S Monitor	<input checked="" type="checkbox"/> Eye Protection	<input type="checkbox"/> Required Permits	<input type="checkbox"/> Fall Protection		
194-235	Spencer	<input checked="" type="checkbox"/> Safety Footwear	<input type="checkbox"/> Respiratory Protection	<input checked="" type="checkbox"/> Slip/Trip/Fall Hazards	<input checked="" type="checkbox"/> Specific Job Sequence/Expectations		
		<input checked="" type="checkbox"/> FRC/Protective Clothing	<input type="checkbox"/> Additional Chemical/Acid PPE	<input checked="" type="checkbox"/> Overhead Hazards	<input checked="" type="checkbox"/> Muster Point/Medical Locations		
		<input checked="" type="checkbox"/> Hearing Protection	<input type="checkbox"/> Fire Extinguisher	<input type="checkbox"/> Additional concerns or issues noted below			
Comments							

Product/ Service Code	Description	Unit of Measure	Quantity			Net Amount
CP055	H-Plug	sack	240.00			\$3,225.60
M015	Light Equipment Mileage	mi	90.00			\$180.00
M010	Heavy Equipment Mileage	mi	180.00			\$720.00
M020	Ton Mileage	tn	1,091.00			\$1,636.50
C060	Cement Blending & Mixing Service	sack	240.00			\$322.56
R061	Service Supervisor	day	1.00			\$264.00
FE290	8 5/8" Wooden Plug	ea	1.00			\$144.00
D012	Depth Charge: 1001'-2000'	job	1.00			\$1,440.00

Customer Section: On the following scale how would you rate Hurricane Services Inc.?						Net:	\$7,932.66
Based on this job, how likely is it you would recommend HSI to a colleague? <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Unlikely 1 2 3 4 5 6 7 8 9 10 Extremely Likely				Total Taxable	\$ -	Tax Rate:	
				Sale Tax:	\$ -		
				Total:	\$ 7,932.66		
				HSI Representative: <i>Jesse Jones</i>			

TERMS: Cash in advance unless Hurricane Services Inc. (HSI) has approved credit prior to sale. Credit terms of sale for approved accounts are total invoice due on or before the 30th day from the date of invoice. Past due accounts shall pay interest on the balance past due at the rate of 1 1/2% per month or the maximum allowable by applicable state or federal laws. In the event it is necessary to employ an agency and/or attorney to affect the collection, Customer hereby agrees to pay all fees directly or indirectly incurred for such collection. In the event that Customer's account with HSI becomes delinquent, HSI has the right to revoke any discounts previously applied in arriving at net invoice price. Upon revocation, the full invoice price without discount is immediately due and subject to collection. Prices quoted are estimates only and are good for 30 days from the date of issue. Pricing does not include federal, state, or local taxes, or royalties and stated price adjustments. Actual charges may vary depending upon time, equipment, and material ultimately required to perform these services. Any discount is based on 30 days net payment terms or cash. **DISCLAIMER NOTICE:** Technical data is presented in good faith, but no warranty is stated or implied. HSI assumes no liability for advice or recommendations made concerning the results from the use of any product or service. The information presented is a best estimate of the actual results that may be achieved and should be used for comparison purposes and HSI makes no guarantee of future production performance. Customer represents and warrants that well and all associated equipment in acceptable condition to receive services by HSI. Likewise, the customer guarantees proper operational care of all customer owned equipment and property while HSI is on location performing services. The authorization below acknowledges the receipt and acceptance of all terms/conditions stated above, and Hurricane has been provided accurate well information in determining taxable services.

X _____ **CUSTOMER AUTHORIZATION SIGNATURE**



CEMENT TREATMENT REPORT

Customer: Palomino Petroleum Inc	Well: Garden Party # 1	Ticket: WP-3091
City, State: Garden City KS	County: Finney KS	Date: 7/18/2022
Field Rep: Juan	S-T-R: 19-23-33W	Service: PTA

Downhole Information		Calculated Slurry - Lead		Calculated Slurry - Tail	
Hole Size:	7 7/8 in	Blend:	H-Plug	Blend:	
Hole Depth:	4740 ft	Weight:	13.8 ppg	Weight:	ppg
Casing Size:	8 5/8 in	Water / Sx:	6.9 gal / sx	Water / Sx:	gal / sx
Casing Depth:	ft	Yield:	1.41 ft ³ / sx	Yield:	ft ³ / sx
Tubing / Liner:	in	Annular Bbls / Ft.:	0.0406 bbs / ft.	Annular Bbls / Ft.:	bbs / ft.
Depth:	ft	Depth:	4740 ft	Depth:	ft
Tool / Packer:		Annular Volume:	192.4 bbls	Annular Volume:	0 bbls
Tool Depth:	ft	Excess:		Excess:	
Displacement:	29.5 bbls	Total Slurry:	60.3 bbls	Total Slurry:	0.0 bbls
		Total Sacks:	240 sx	Total Sacks:	0 sx

TIME	RATE	PSI	BBLs	TOTAL BBLs	REMARKS
3:10a			-	-	Arrival
3:15a				-	Safety meeting
3:20a				-	Rig up
5:10a	4.1	200.0	5.0	5.0	H2O ahead
5:12a	2.5	130.0	12.6	17.6	Mixed 50 sks of H-Plug @ 13.8 ppg @ 1920'
5:15a	5.4	270.0	22.8	40.4	Displaced H2O
5:21a				40.4	Pull pipe to 970'
5:57a	3.3	130.0	5.0	45.4	H2O ahead
5:59a	4.2	250.0	20.2	65.6	Mixed 80 sks of H-Plug @ 13.8 ppg @ 970'
6:05a	4.9	350.0	4.7	70.3	Displaced H2O
6:08a				70.3	Pull pipe to 390'
6:22a	3.0	120.0	5.0		H2O ahead
6:24a	3.4	150.0	10.1		Mixed 40 sks of H-Plug @ 13.8 ppg @ 390'
6:30a	3.0	210.0	2.0		Displaced H2O
6:31a					Pull pipe to 60'
6:45a	3.0	150.0	5.1		Mixed 20 sks of H-Plug @ 13.8 ppg @ 60'
6:48a					Pull pipe to surface
6:51a	3.0	120.0	7.5		Mixed 30 sks of H-Plug @ 13.8 ppg @ Rat hole
6:56a	3.0	120.0	5.1		Mixed 20 sks of H-Plug @ 13.8 ppg @ Mouse hole
7:00a					Plug down
7:04a					Wash up
7:15a					Rig down
7:30a					Depart Location

CREW		UNIT	SUMMARY		
Cementer:	Jesse	78	Average Rate	Average Pressure	Total Fluid
Pump Operator:	Moe	230	3.6 bpm	183 psi	105 bbls
Bulk #1:	Spencer	194-235			
Bulk #2:					