

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)</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 Sieb

Westside #1

7-18s-26w Ness, KS

Start Date: 2021.10.18 @ 21:48:00

End Date: 2021.10.19 @ 04:35:45

Job Ticket #: 68256 DST #: 1

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

Printed: 2021.10.25 @ 14:57:52



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Palomino Petroleum Inc.

7-18s-26w Ness, KS

4924 SE 84TH St
New ton, KS 67114

Westside #1

Job Ticket: 68256

DST#: 1

ATTN: Ryan Sieb

Test Start: 2021.10.18 @ 21:48:00

GENERAL INFORMATION:

Formation: **LKC A&B**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 00:10:00

Time Test Ended: 04:35:45

Test Type: Conventional Bottom Hole (Real-Time)

Tester: Dustin Day

Unit No: 70

Interval: 3893.00 ft (KB) To 3960.00 ft (KB) (TVD)

Reference Elevations: 2574.00 ft (KB)

Total Depth: 3960.00 ft (KB) (TVD)

2562.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition:

KB to GR/CF: 12.00 ft

Serial #: 6625

Inside

Press@RunDepth: 237.14 psig @ 3894.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2021.10.18

End Date:

2021.10.19

Last Calib.: 2021.10.19

Start Time: 21:48:05

End Time:

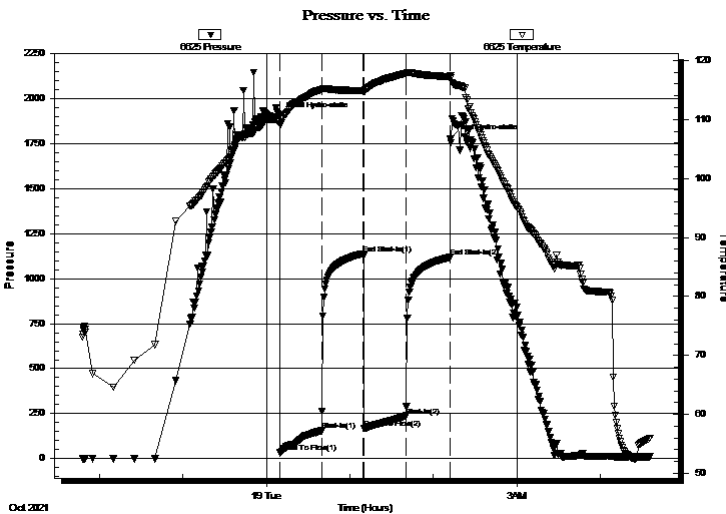
04:35:44

Time On Btm: 2021.10.19 @ 00:09:45

Time Off Btm: 2021.10.19 @ 02:12:15

TEST COMMENT: IF-30- BOB in 17 min., built to 19 1/4"
SI1-30- No return
FF-30- BOB in 22 min., built to 15 1/2"
SI2-30- No return

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1902.96	109.63	Initial Hydro-static
1	31.95	109.32	Open To Flow (1)
30	154.74	115.11	Shut-In(1)
60	1138.20	114.90	End Shut-In(1)
61	166.74	114.67	Open To Flow (2)
91	237.14	117.77	Shut-In(2)
123	1118.29	117.25	End Shut-In(2)
123	1777.80	117.45	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
358.00	MCW 20% mud 80% mud	2.84
107.00	OWCM 2% oil 48% water 50% mud	1.50

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Palomino Petroleum Inc.

7-18s-26w Ness, KS

4924 SE 84TH St
New ton, KS 67114

Westside #1

Job Ticket: 68256

DST#: 1

ATTN: Ryan Sieb

Test Start: 2021.10.18 @ 21:48:00

Tool Information

Drill Pipe:	Length: 3646.00 ft	Diameter: 3.80 inches	Volume: 51.14 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.75 inches	Volume: 0.00 bbl	Weight set on Packer: 26000.00 lb
Drill Collar:	Length: 239.00 ft	Diameter: 2.25 inches	Volume: 1.18 bbl	Weight to Pull Loose: 62000.00 lb
			<u>Total Volume: 52.32 bbl</u>	Tool Chased ft
Drill Pipe Above KB:	20.00 ft			String Weight: Initial 52000.00 lb
Depth to Top Packer:	3893.00 ft			Final 54000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	67.00 ft			
Tool Length:	95.00 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			3866.00	
Shut In Tool	5.00			3871.00	
Hydraulic tool	5.00			3876.00	
Jars	5.00			3881.00	
Safety Joint	3.00			3884.00	
Packer	5.00			3889.00	28.00 Bottom Of Top Packer
Packer	4.00			3893.00	
Stubb	1.00			3894.00	
Recorder	0.00	6625	Inside	3894.00	
Recorder	0.00	8652	Outside	3894.00	
Perforations	25.00			3919.00	
Change Over Sub	1.00			3920.00	
drill Pipe	32.00			3952.00	
Change Over Sub	1.00			3953.00	
perforations	3.00			3956.00	
Bullnose	4.00			3960.00	67.00 Bottom Packers & Anchor
Total Tool Length:	95.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Palomino Petroleum Inc.

7-18s-26w Ness, KS

4924 SE 84TH St
New ton, KS 67114

Westside #1

Job Ticket: 68256

DST#: 1

ATTN: Ryan Sieb

Test Start: 2021.10.18 @ 21:48:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 51.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 5.79 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
358.00	MCW 20%mud 80%mud	2.845
107.00	OWCM 2%oil 48% water 50% mud	1.501

Total Length: 465.00 ft

Total Volume: 4.346 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: 3# LCM

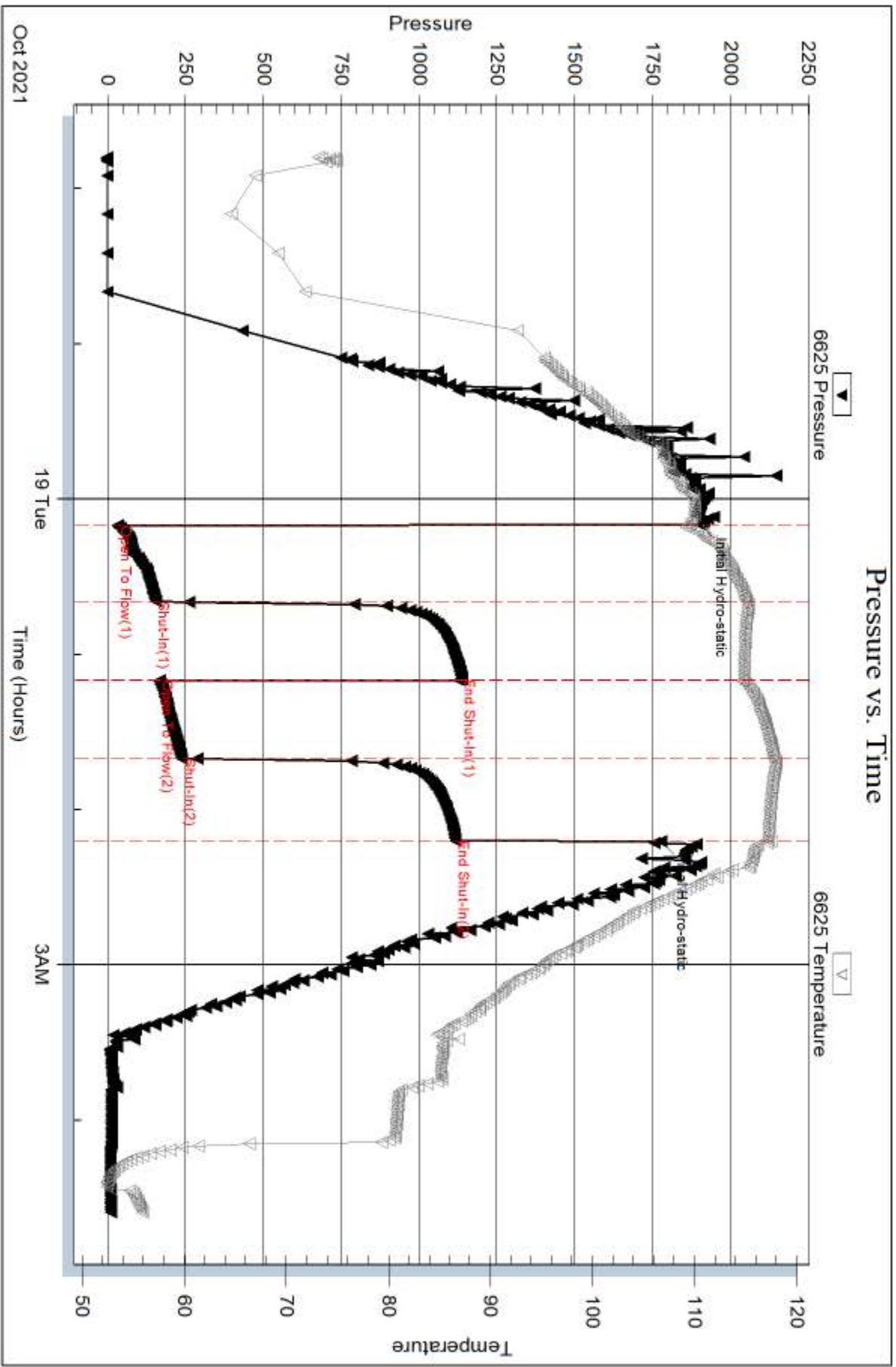
Serial #: 6625

Inside

Palomino Petroleum Inc.

Westside #1

DST Test Number: 1



Tribble Testing, Inc

Ref. No: 66256

Printed: 2021.10.25 @ 14:57:52

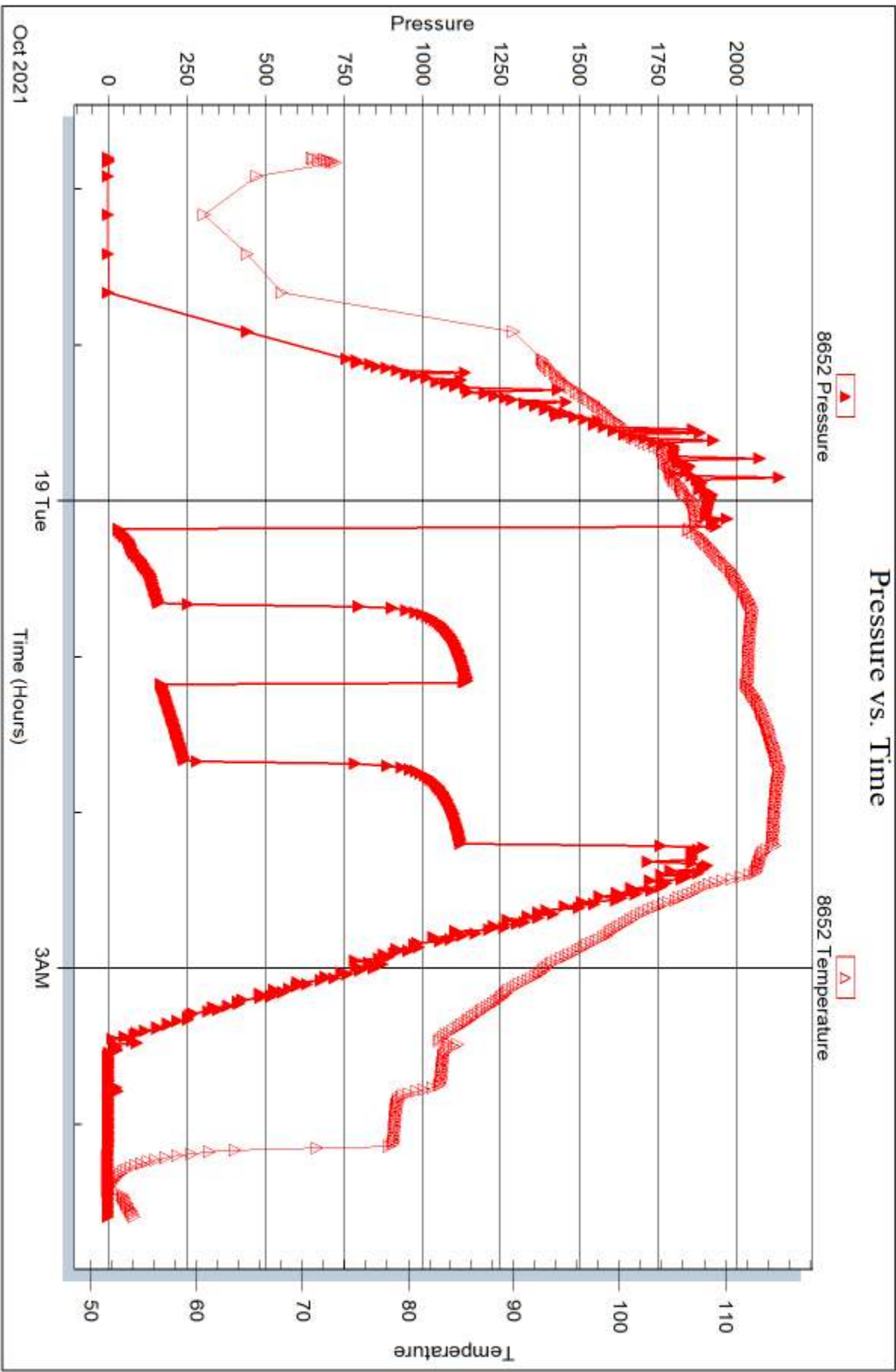
Serial #: 8652

Outside

Palomino Petroleum Inc.

Westside #1

DST Test Number: 1



Trilobite Testing, Inc

Ref. No: 68256

Printed: 2021.10.25 @ 14:57:53



DRILL STEM TEST REPORT

Prepared For: **Palomino Petroleum Inc.**

4924 SE 84TH St
Newton, KS 67114

ATTN: Ryan Sieb

Westside #1

7-18s-26w Ness, KS

Start Date: 2021.10.20 @ 15:40:00

End Date: 2021.10.20 @ 23:20:30

Job Ticket #: 68257 DST #: 2

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

Printed: 2021.10.25 @ 14:56:38



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Palomino Petroleum Inc.

7-18s-26w Ness, KS

4924 SE 84TH St
New ton, KS 67114

Westside #1

Job Ticket: 68257

DST#: 2

ATTN: Ryan Sieb

Test Start: 2021.10.20 @ 15:40:00

GENERAL INFORMATION:

Formation: **Marmaton**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 18:01:30

Time Test Ended: 23:20:30

Test Type: Conventional Bottom Hole (Reset)

Tester: Dustin Day

Unit No: 70

Interval: 4229.00 ft (KB) To 4370.00 ft (KB) (TVD)

Reference Elevations: 2574.00 ft (KB)

Total Depth: 4370.00 ft (KB) (TVD)

2562.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 12.00 ft

Serial #: 6625 Inside

Press@RunDepth: 96.89 psig @ 4230.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2021.10.20 End Date: 2021.10.20

Last Calib.: 2021.10.20

Start Time: 15:40:05 End Time: 23:20:29

Time On Btm: 2021.10.20 @ 18:01:15

Time Off Btm: 2021.10.20 @ 21:03:15

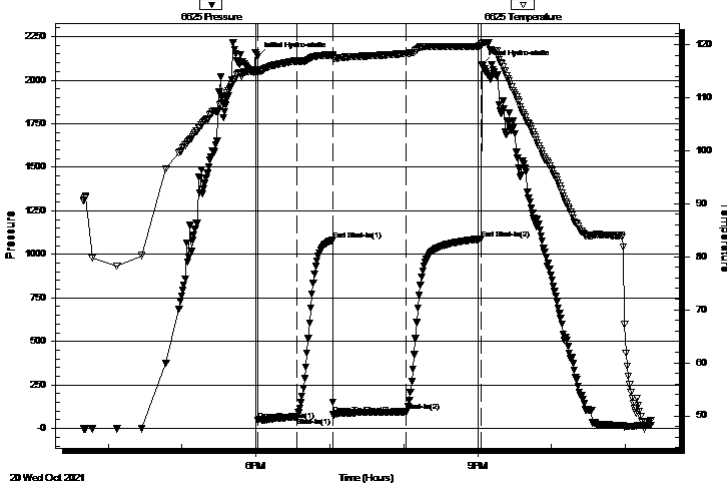
TEST COMMENT: IF-30- BOB in 13 min., built to 29.5"

SI1- 30- No return

FF-60- BOB in 4 min., Built to 63"

SI2- no return

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2135.10	115.31	Initial Hydro-static
1	46.44	114.65	Open To Flow (1)
32	66.37	116.89	Shut-In(1)
61	1081.88	117.98	End Shut-In(1)
62	83.38	117.71	Open To Flow (2)
121	96.89	118.28	Shut-In(2)
182	1089.67	119.70	End Shut-In(2)
182	2088.24	120.13	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
178.00	GOCM 30% gas 20% oil 50% mud	0.88
10.00	Mud 100% mud	0.05
0.00	747 GIP	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.

7-18s-26w Ness, KS

4924 SE 84TH St
New ton, KS 67114

Westside #1

Job Ticket: 68257

DST#: 2

ATTN: Ryan Sieb

Test Start: 2021.10.20 @ 15:40:00

Tool Information

Drill Pipe:	Length: 3995.00 ft	Diameter: 3.80 inches	Volume: 56.04 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.75 inches	Volume: 0.00 bbl	Weight set on Packer: 30000.00 lb
Drill Collar:	Length: 239.00 ft	Diameter: 2.25 inches	Volume: 1.18 bbl	Weight to Pull Loose: 65000.00 lb
			<u>Total Volume: 57.22 bbl</u>	Tool Chased ft
Drill Pipe Above KB:	33.00 ft			String Weight: Initial 55000.00 lb
Depth to Top Packer:	4229.00 ft			Final 55000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	141.00 ft			
Tool Length:	169.00 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			4202.00	
Shut In Tool	5.00			4207.00	
Hydraulic tool	5.00			4212.00	
Jars	5.00			4217.00	
Safety Joint	3.00			4220.00	
Packer	5.00			4225.00	28.00 Bottom Of Top Packer
Packer	4.00			4229.00	
Stubb	1.00			4230.00	
Recorder	0.00	6625	Inside	4230.00	
Recorder	0.00	8652	Outside	4230.00	
Perforations	7.00			4237.00	
Change Over Sub	1.00			4238.00	
drill Pipe	127.00			4365.00	
Change Over Sub	1.00			4366.00	
Bullnose	4.00			4370.00	141.00 Bottom Packers & Anchor

Total Tool Length: 169.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Palomino Petroleum Inc.

7-18s-26w Ness, KS

4924 SE 84TH St
New ton, KS 67114

Westside #1

Job Ticket: 68257

DST#: 2

ATTN: Ryan Sieb

Test Start: 2021.10.20 @ 15:40:00

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 49.00 sec/qt
Water Loss: 5.99 in³
Resistivity: ohm.m
Salinity: 4700.00 ppm
Filter Cake: 1.00 inches

Cushion Type:
Cushion Length: ft
Cushion Volume: bbl
Gas Cushion Type:
Gas Cushion Pressure: psig

Oil API: deg API
Water Salinity: ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
178.00	GOCM 30% gas 20% oil 50% mud	0.875
10.00	Mud 100% mud	0.049
0.00	747 GIP	0.000

Total Length: 188.00 ft Total Volume: 0.924 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: 1# LCM

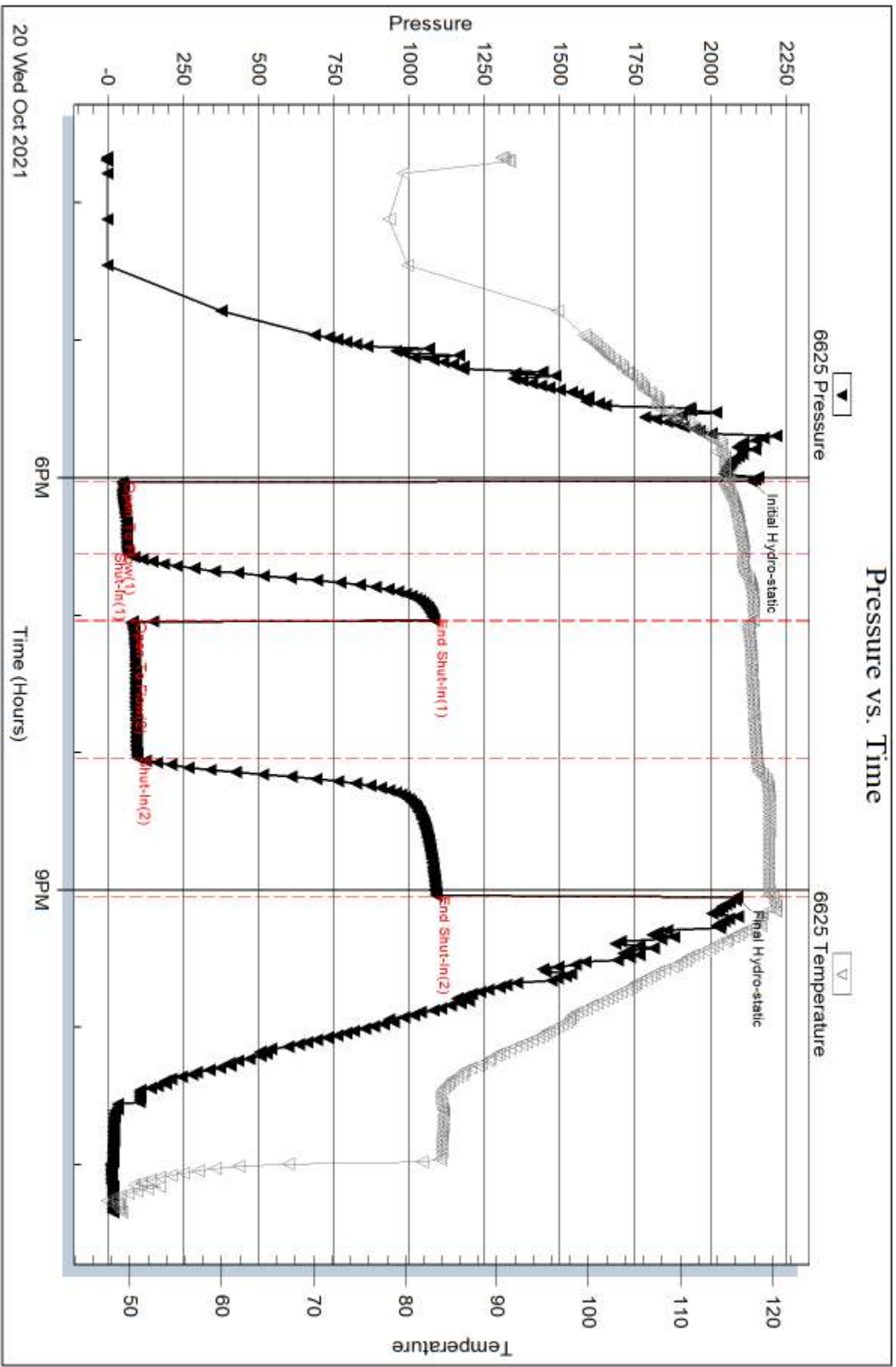
Serial #: 6625

Inside

Palomino Petroleum Inc.

Westside #1

DST Test Number: 2



Trilobite Testing, Inc

Ref. No: 68257

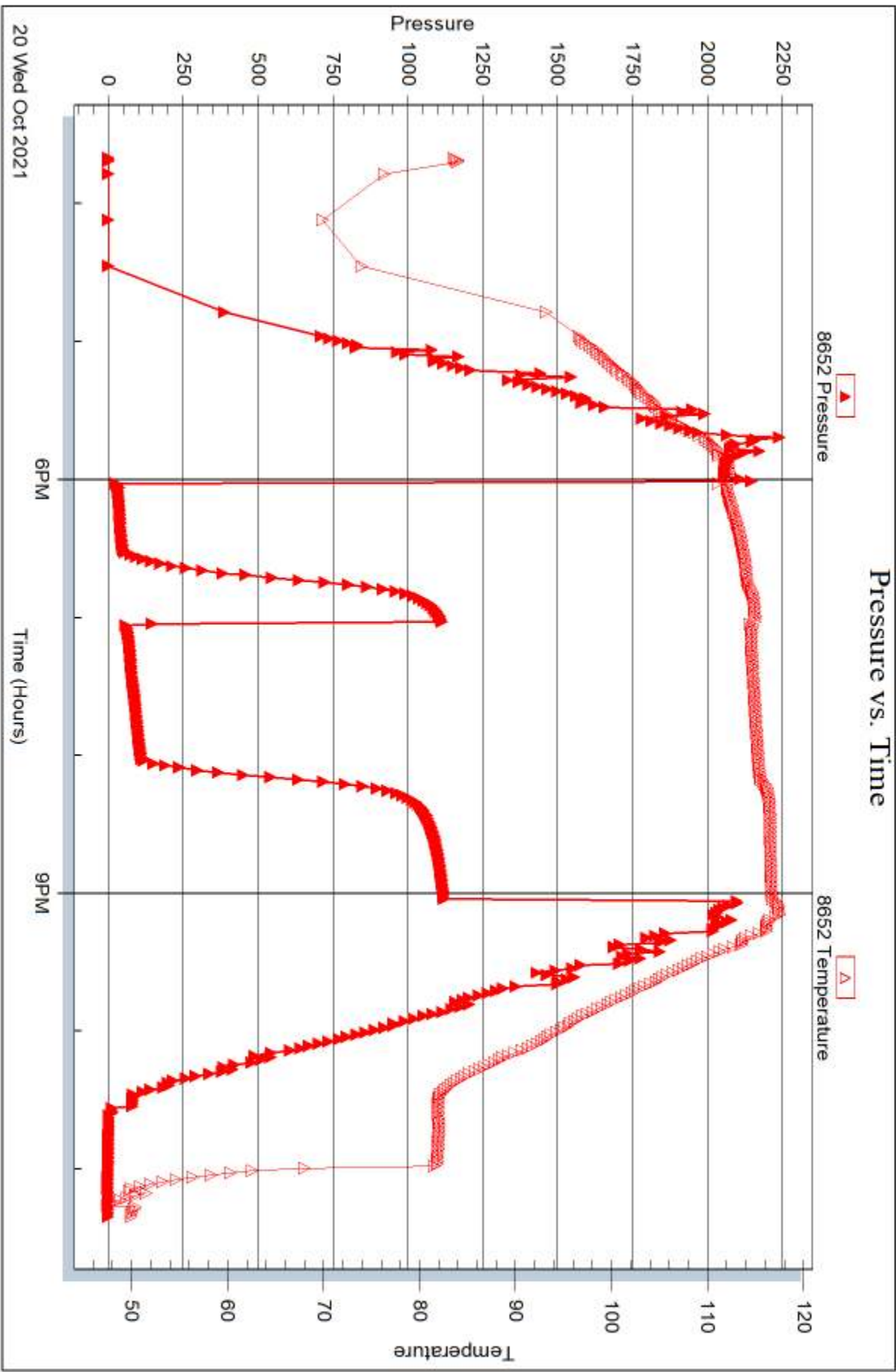
Printed: 2021.10.25 @ 14:56:38

Serial #: 8652

Outside Palomino Petroleum Inc.

Westside #1

DST Test Number: 2



20 Wed Oct 2021

Trilobite Testing, Inc

Ref. No: 68257

Printed: 2021.10.25 @ 14:56:39



DRILL STEM TEST REPORT

Prepared For: **Palomino Petroleum Inc.**

4924 SE 84TH St
Newton, KS 67114

ATTN: Ryan Sieb

Westside #1

7-18s-26w Ness, KS

Start Date: 2021.10.22 @ 03:10:00

End Date: 2021.10.22 @ 10:53:45

Job Ticket #: 68258 DST #: 3

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

Printed: 2021.10.25 @ 12:11:59



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Palomino Petroleum Inc.

7-18s-26w Ness, KS

4924 SE 84TH St
New ton, KS 67114

Westside #1

Job Ticket: 68258

DST#: 3

ATTN: Ryan Sieb

Test Start: 2021.10.22 @ 03:10:00

GENERAL INFORMATION:

Formation: **Cherokee Sand**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 05:38:00

Time Test Ended: 10:53:45

Test Type: Conventional Straddle (Reset)

Tester: Dustin Day

Unit No: 70

Interval: 4460.00 ft (KB) To 4535.00 ft (KB) (TVD)

Reference Elevations: 2574.00 ft (KB)

Total Depth: 4638.00 ft (KB) (TVD)

2562.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 12.00 ft

Serial #: 8652 Outside

Press@RunDepth: 46.96 psig @ 4466.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2021.10.22 End Date: 2021.10.22

Last Calib.: 2021.10.22

Start Time: 03:10:05 End Time: 10:53:44

Time On Btm: 2021.10.22 @ 05:37:45

Time Off Btm: 2021.10.22 @ 07:40:30

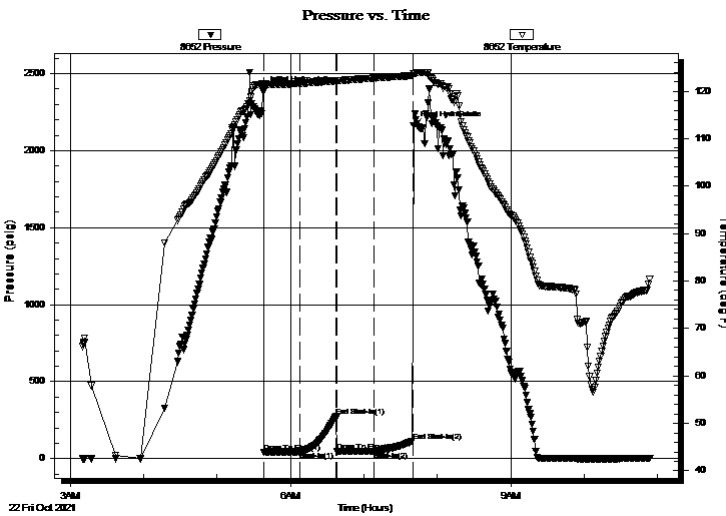
TEST COMMENT: IF-30- Built to 1/2"

SI1-30- No return

FF-30- No blow

SI2-30- No return

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2387.27	121.73	Initial Hydro-static
1	41.00	120.48	Open To Flow (1)
30	45.88	121.62	Shut-In(1)
60	276.62	122.20	End Shut-In(1)
60	44.87	122.17	Open To Flow (2)
91	46.96	122.76	Shut-In(2)
122	115.38	123.29	End Shut-In(2)
123	2162.01	123.71	Final Hydro-static

Recovery

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

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Palomino Petroleum Inc.

7-18s-26w Ness, KS

4924 SE 84TH St
New ton, KS 67114

Westside #1

Job Ticket: 68258

DST#: 3

ATTN: Ryan Sieb

Test Start: 2021.10.22 @ 03:10:00

Tool Information

Drill Pipe:	Length: 4216.00 ft	Diameter: 3.80 inches	Volume: 59.14 bbl	Tool Weight: 3000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.75 inches	Volume: 0.00 bbl	Weight set on Packer: 26000.00 lb
Drill Collar:	Length: 239.00 ft	Diameter: 2.25 inches	Volume: 1.18 bbl	Weight to Pull Loose: 65000.00 lb
			<u>Total Volume: 60.32 bbl</u>	Tool Chased ft
Drill Pipe Above KB:	23.00 ft			String Weight: Initial 58000.00 lb
Depth to Top Packer:	4460.00 ft			Final 58000.00 lb
Depth to Bottom Packer:	4535.00 ft			
Interval between Packers:	75.00 ft			
Tool Length:	207.00 ft			
Number of Packers:	3	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4433.00	
Shut In Tool	5.00			4438.00	
Hydraulic tool	5.00			4443.00	
Jars	5.00			4448.00	
Safety Joint	3.00			4451.00	
Packer	5.00			4456.00	28.00 Bottom Of Top Packer
Packer	4.00			4460.00	
Stubb	1.00			4461.00	
perforations	4.00			4465.00	
change Over Sub	1.00			4466.00	
Recorder	0.00	6625	Inside	4466.00	
Recorder	0.00	8652	Outside	4466.00	
Drill Pipe	32.00			4498.00	
Change Over Sub	1.00			4499.00	
perforations	32.00			4531.00	
Blank Off Sub	1.00			4532.00	
Packer - Shale	3.00			4535.00	75.00 Tool Interval
Packer	1.00			4536.00	
Stubb	1.00			4537.00	
change Over Sub	1.00			4538.00	
Recorder	0.00	8167	Below	4538.00	
Drill Pipe	96.00			4634.00	
change Over Sub	1.00			4635.00	
Bullnose	4.00			4639.00	104.00 Bottom Packers & Anchor
Total Tool Length:	207.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Palomino Petroleum Inc.

7-18s-26w Ness, KS

4924 SE 84TH St
New ton, KS 67114

Westside #1

Job Ticket: 68258

DST#: 3

ATTN: Ryan Sieb

Test Start: 2021.10.22 @ 03:10:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 60.00 sec/qt

Cushion Volume:

bbl

Water Loss: 5.99 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4600.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	mud 100% mud	0.025

Total Length: 5.00 ft Total Volume: 0.025 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: 2# LCM

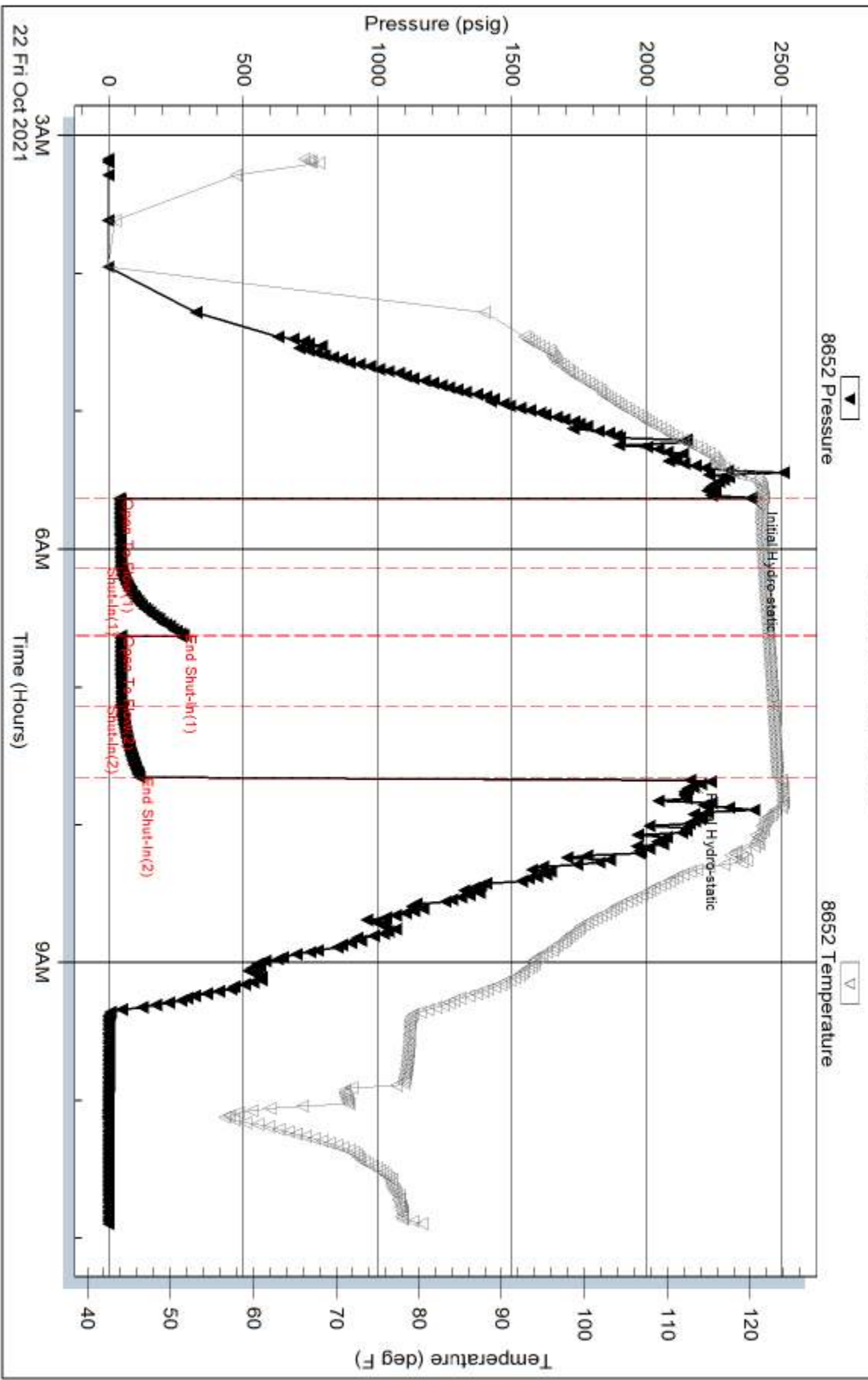
Serial #: 8652

Outside Palomino Petroleum Inc.

Westside #1

DST Test Number: 3

Pressure vs. Time



Triobite Testing, Inc

Ref. No: 68258

Printed: 2021.10.25 @ 12:13:59

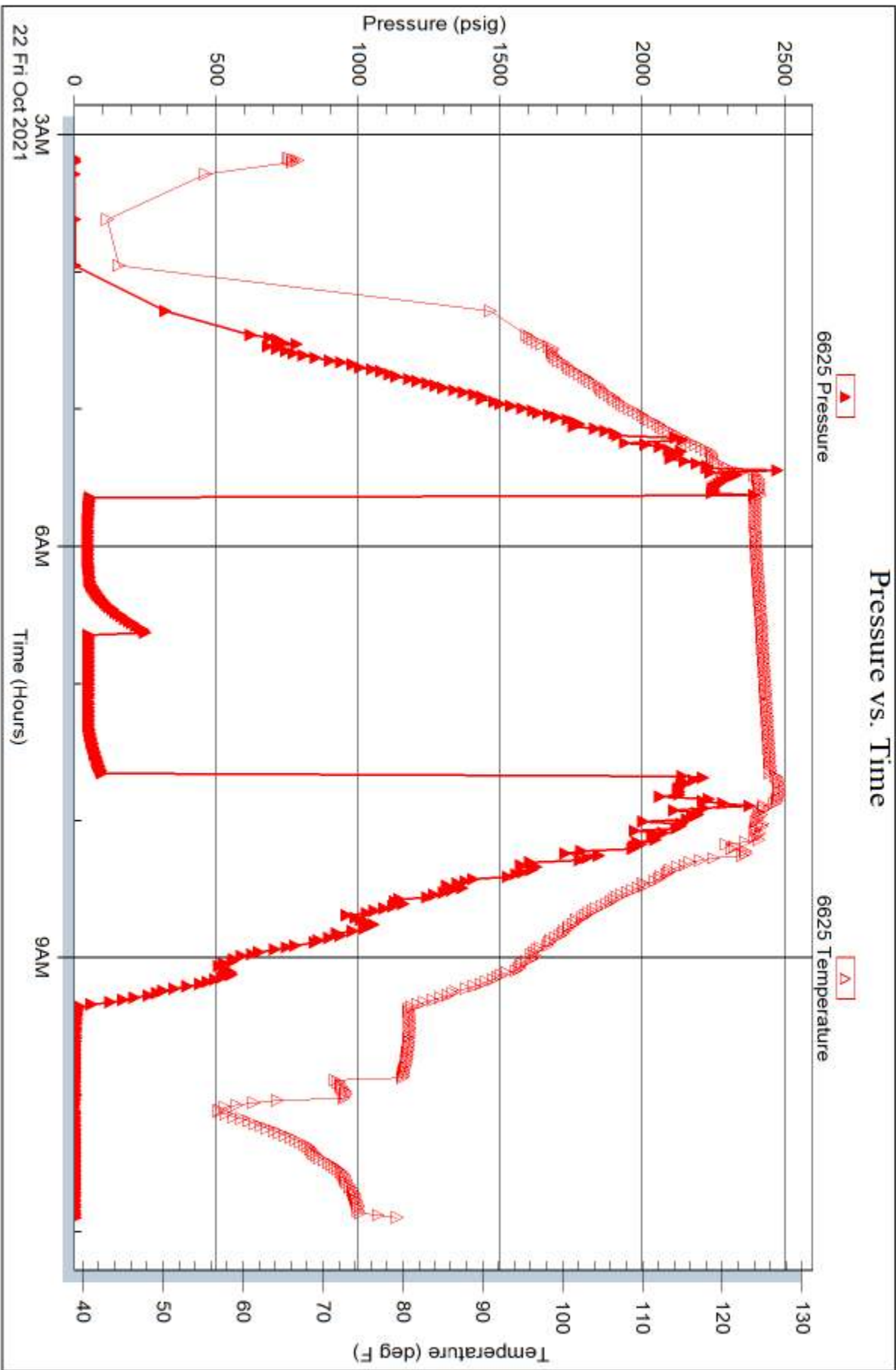
Serial #: 6625

Inside

Palomino Petroleum Inc.

Westside #1

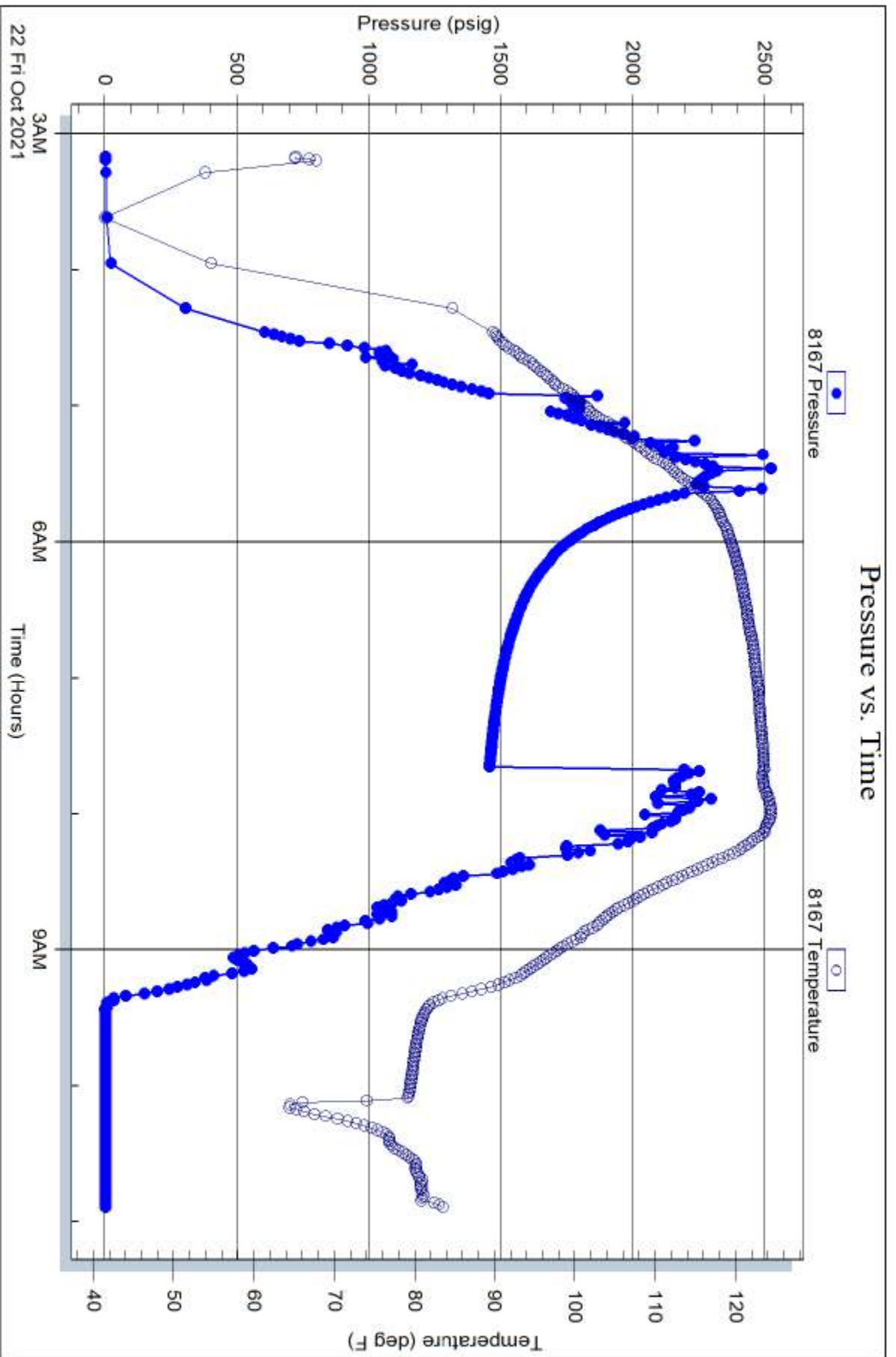
DST Test Number: 3

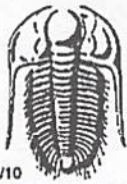


Tribble Testing, Inc

Ref. No: 66258

Printed: 2021.10.25 @ 12:13:59





TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 68256

Well Name & No. Westside #1 Test No. 1 Date 10/18/21
 Company Palomino Petroleum Inc Elevation 2574 KB 2562 GL
 Address 4924 SE 84th St. Newton, KS 67114
 Co. Rep / Geo. Ryan Sieb Rig Murfin Rig #21
 Location: Sec. 7 Twp 18 Rge. 26 Co. Ness State KS

Interval Tested 3893-3960 Zone Tested LKC A-B
 Anchor Length 67 Drill Pipe Run 3646 Mud Wt. 8.9
 Top Packer Depth 3888 Drill Collars Run 239 Vis 51
 Bottom Packer Depth 3893 Wt. Pipe Run φ WL 5.8
 Total Depth 3960 Chlorides 3000 ppm System LCM 3#

Blow Description IF-BOB in 17 min. built to 19 1/4"
S14 - No return
FF-BOB in 22 min. built to 15.5"
S12 - No return

Rec	Feet of	%gas	%oil	%water	%mud
<u>358</u>	<u>MCW</u>		<u>80</u>	<u>20</u>	
<u>107</u>	<u>OWCM</u>		<u>2</u>	<u>48</u>	<u>50</u>

Rec Total 465 BHT 117 Gravity _____ API RW _____ @ _____ °F Chlorides 20000 ppm

(A) Initial Hydrostatic <u>1903</u>	<input checked="" type="checkbox"/> Test <u>1300</u>	T-On Location <u>20:05</u>
(B) First Initial Flow <u>32</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>21:48</u>
(C) First Final Flow <u>155</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>00:10</u>
(D) Initial Shut-In <u>1138</u>	<input checked="" type="checkbox"/> Circ Sub <u>N/A</u>	T-Pulled <u>02:10</u>
(E) Second Initial Flow <u>167</u>	<input type="checkbox"/> Hourly Standby _____	T-Out <u>04:36</u>
(F) Second Final Flow <u>237</u>	<input checked="" type="checkbox"/> Mileage <u>86</u> 107.50	Comments _____
(G) Final Shut-In <u>1118</u>	<input type="checkbox"/> Sampler _____	_____
(H) Final Hydrostatic <u>1778</u>	<input type="checkbox"/> Straddle _____	<input type="checkbox"/> EM Tool _____

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 1732.50 MP/DST Disc't _____

Approved By _____ Our Representative D. J. [Signature]

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, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 68257

Well Name & No. Westside #1 Test No. 2 Date 10/20/21
 Company Palomino Petroleum Inc Elevation 2574 KB 2562 GL
 Address 4924 SE 84th St Newton, KS 67114
 Co. Rep / Geo. Ryan Stob Rig Murfin Rig #121
 Location: Sec. 7 Twp 18 Rge. 26 Co. Ness State KS

Interval Tested 4229-4370 Zone Tested Marmaton
 Anchor Length 141 Drill Pipe Run 3995 Mud Wt. 9.3
 Top Packer Depth 4224 Drill Collars Run 239 Vis 49
 Bottom Packer Depth 4229 Wt. Pipe Run Ø WL 6.0
 Total Depth 4370 Chlorides 4700 ppm System LCM 1#

Blow Description IF- BOB in 13 min, built to 29.5"

S12- No return

FF- BOB in 4 min, built to 63"

S12- No return

Rec	Feet of	%gas	%oil	%water	%mud
<u>178</u>	<u>90CM</u>	<u>30</u>	<u>20</u>	<u>50</u>	<u>mud</u>
<u>10</u>	<u>Mud</u>			<u>100</u>	<u>mud</u>
<u>747</u>	<u>GIP</u>	<u>100</u>			<u>mud</u>

Rec Total 188 BHT 120 Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic <u>2135</u>	<input checked="" type="checkbox"/> Test <u>1450</u>	T-On Location <u>15:00</u>
(B) First Initial Flow <u>46</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>15:40</u>
(C) First Final Flow <u>66</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>18:02</u>
(D) Initial Shut-In <u>1082</u>	<input checked="" type="checkbox"/> Circ Sub <u>N/A</u>	T-Pulled <u>20:02 21:02</u>
(E) Second Initial Flow <u>83</u>	<input type="checkbox"/> Hourly Standby _____	T-Out <u>23:21</u>
(F) Second Final Flow <u>97</u>	<input checked="" type="checkbox"/> Mileage <u>86</u> 107.50	Comments _____
(G) Final Shut-In <u>1090</u>	<input type="checkbox"/> Sampler _____	
(H) Final Hydrostatic <u>2088</u>	<input type="checkbox"/> Straddle _____	

Initial Open <u>30</u>	<input type="checkbox"/> Shale Packer _____	<input type="checkbox"/> EM Tool _____
Initial Shut-In <u>30</u>	<input type="checkbox"/> Extra Packer _____	<input type="checkbox"/> Ruined Shale Packer _____
Final Flow <u>60</u>	<input type="checkbox"/> Extra Recorder _____	<input type="checkbox"/> Ruined Packer _____
Final Shut-In <u>60</u>	<input checked="" type="checkbox"/> Day Standby <u>1d 10.5h</u>	<input type="checkbox"/> Extra Copies _____
	<input type="checkbox"/> Accessibility _____	Sub Total <u>350</u>
	Sub Total <u>1882.50</u>	Total <u>2232.50</u>
		MP/DST Disc't _____

Approved By _____ Our Representative Dust

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, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. **68258**

Well Name & No. Westside #1 Test No. 3 Date 10/22/21
 Company Palomino Petroleum Inc Elevation 2574 KB 2562 GL
 Address 4924 SE 84th ST. Newton, KS 67114
 Co. Rep / Geo. Ryan Sieb Rig Murfin Rig #21
 Location: Sec. 7 Twp 18 Rge. 26 Co. Ness State KS

Interval Tested 4460 - 4535 Zone Tested Cherokee Sand
 Anchor Length 75' 103' tail Drill Pipe Run 4216 Mud Wt. 9.2
 Top Packer Depth 4455 Drill Collars Run 239 Vis 60
 Bottom Packer Depth 4460 SP 4535 Wt. Pipe Run Ø WL 6.0
 Total Depth 4638 Chlorides 4600 ppm System LCM 2#

Blow Description 1F - Built to 1/2"
S14 - No return
FF - No blow
S12 - no return

Rec	Feet of	%gas	%oil	%water	%mud
<u>5</u>	<u>Mud</u>			<u>100%</u>	
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 5 BHT 124 Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic <u>2387</u>	<input checked="" type="checkbox"/> Test <u>1450</u>	T-On Location <u>00:30</u>
(B) First Initial Flow <u>41</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>03:10</u>
(C) First Final Flow <u>46</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>05:38</u>
(D) Initial Shut-In <u>277</u>	<input checked="" type="checkbox"/> Circ Sub <u>N/A</u>	T-Pulled <u>07:38</u>
(E) Second Initial Flow <u>45</u>	<input type="checkbox"/> Hourly Standby _____	T-Out <u>10:54</u>
(F) Second Final Flow <u>47</u>	<input checked="" type="checkbox"/> Mileage <u>80</u> 107.50	Comments <u>Released + loaded</u>
(G) Final Shut-In <u>115</u>	<input type="checkbox"/> Sampler _____	<u>@ 12:00</u>
(H) Final Hydrostatic <u>2162</u>	<input checked="" type="checkbox"/> Straddle <u>600</u>	<input type="checkbox"/> EM Tool _____
Initial Open <u>30</u>	<input type="checkbox"/> Shale Packer _____	<input type="checkbox"/> Ruined Shale Packer _____
Initial Shut-In <u>30</u>	<input type="checkbox"/> Extra Packer _____	<input type="checkbox"/> Ruined Packer _____
Final Flow <u>30</u>	<input type="checkbox"/> Extra Recorder _____	<input type="checkbox"/> Extra Copies _____
Final Shut-In <u>30</u>	<input checked="" type="checkbox"/> Day Standby <u>1d 1h</u>	Sub Total <u>33.33</u>
	<input type="checkbox"/> Accessibility _____	Total <u>2515.83</u>
	Sub Total <u>2484.50</u>	MP/DST Disc't _____

Approved By _____ Our Representative DUST DIX

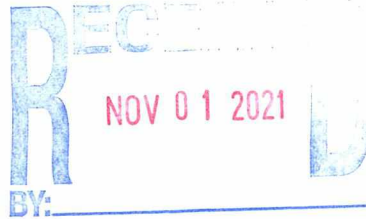
Trilobite Testing Inc. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.



HURRICANE SERVICES INC

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: 10/15/2021
Invoice #: 0356315
Lease Name: Westside
Well #: 1 (New)
County: Ness, Ks
Job Number: WP1992
District: Oakley

Date/Description	HRS/QTY	Rate	Total
Surface	0.000	0.000	0.00
H-325	175.000	18.000	3,150.00
Light Eq Mileage	85.000	1.800	153.00
Heavy Eq Mileage	85.000	3.600	306.00
Ton Mileage	701.000	1.350	946.35
Depth Charge 0'-500'	1.000	900.000	900.00

*Cement for surface for #1
10/15*

Total 5,455.35 ✓

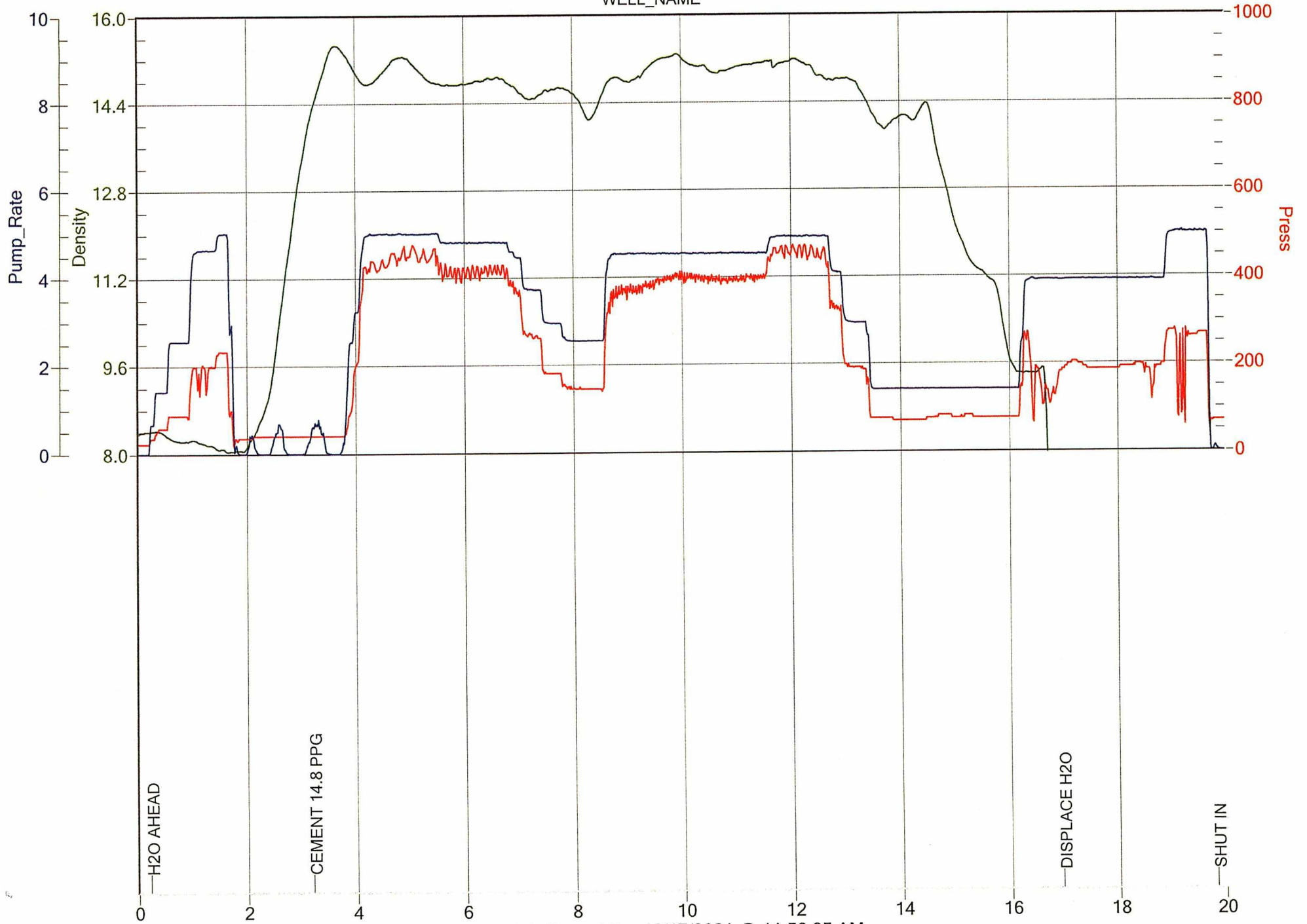
TERMS: Net 30 days. Interest may be charged on past due invoice at rate of 1 ½% per month or maximum allowed by applicable state or federal laws. HSI has right to revoke any discounts applied in arriving at net invoice price if invoice is past due. If revoked, full invoice price without discount plus 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!

Palomino Petroleum

WELL_NAME



Job Started On: 10/17/2021 @ 11:56:05 AM

