

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
---	---	------------------------------------

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:	
----------------	-------	---------	------------	--



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: 7/21/2022
 Invoice #: 0362076
 Lease Name: Break On Through
 Well #: 1 (New)
 County: Scott, Ks
 Job Number: WP3117
 District: Oakley

Date/Description	HRS/QTY	Rate	Total
Surface	0.000	0.000	0.00
H-325	200.000	21.600	4,320.00
Light Eq Mileage	60.000	2.000	120.00
Heavy Eq Mileage	120.000	4.000	480.00
Ton Mileage	564.000	1.440	812.16
Depth Charge 0'-500'	1.000	960.000	960.00
Cement Blending & Mixing	200.000	1.344	268.80
Service Supervisor	1.000	264.000	264.00
Cement Data Acquisition	1.000	240.000	240.00

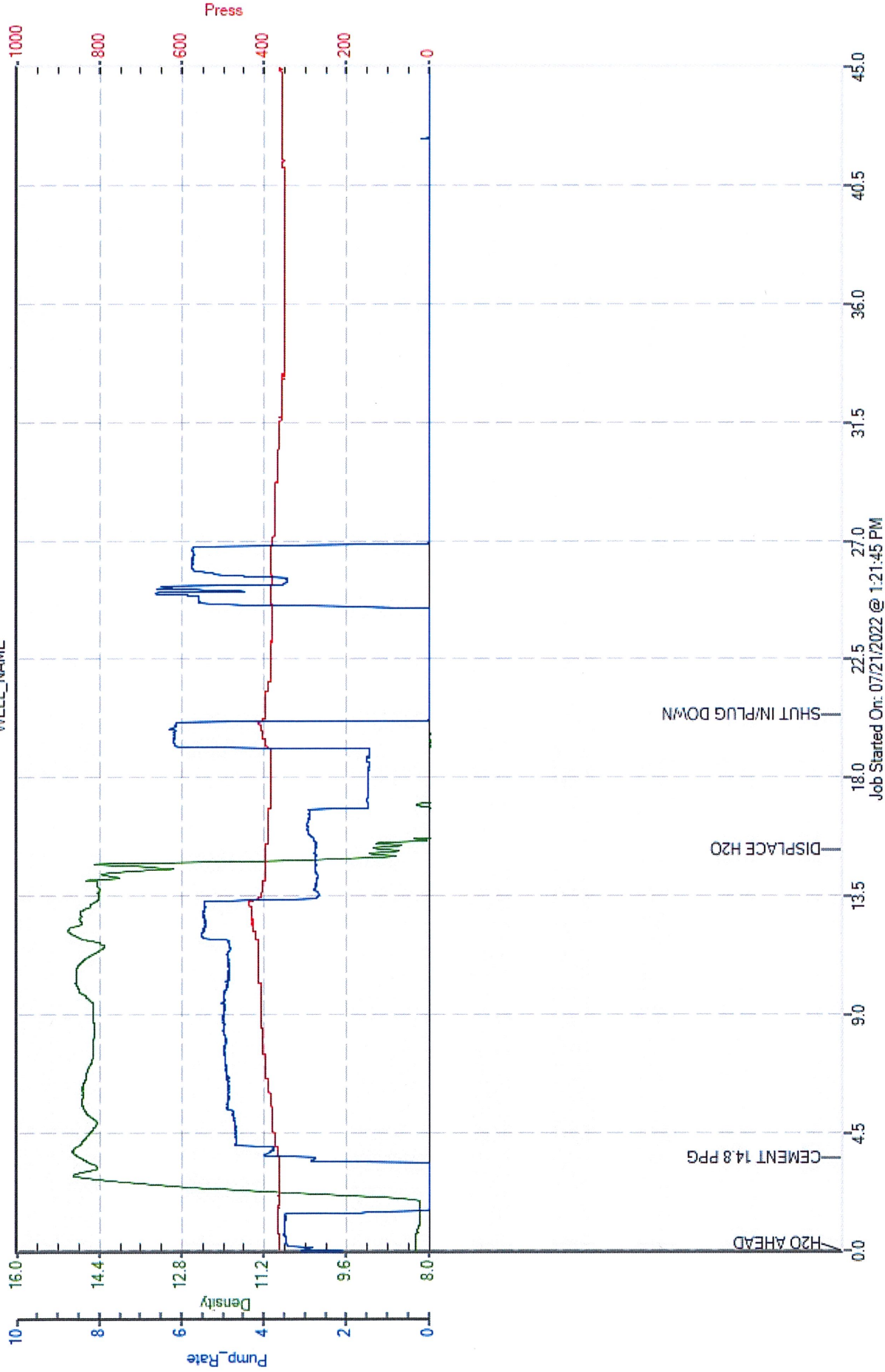
Total 7,464.96

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: 07/21/2022 @ 1:21:45 PM



DRILL STEM TEST REPORT

Prepared For: **Palomino Petroleum**

4924 SE 84th St
Newton, KS 67114

ATTN: Ryan Seib

Break On Through #1

31-19s-37w Scott,KS

Start Date: 2022.07.26 @ 19:51:21

End Date: 2022.07.27 @ 03:15:51

Job Ticket #: 67993 DST #: 1

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

Printed: 2022.08.03 @ 17:34:39



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Palomino Petroleum
4924 SE 84th St
New ton, KS 67114
ATTN: Ryan Seib

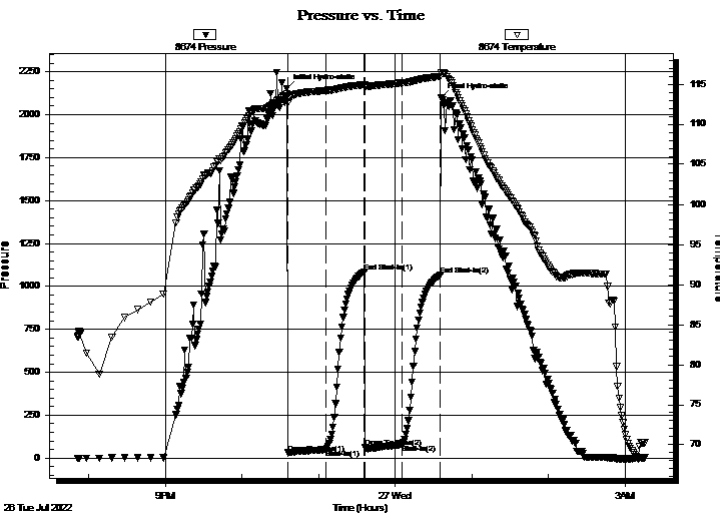
31-19s-37w Scott,KS
Break On Through #1
Job Ticket: 67993 **DST#: 1**
Test Start: 2022.07.26 @ 19:51:21

GENERAL INFORMATION:

Formation: **Marmaton**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 22:36:21
Time Test Ended: 03:15:51
Interval: **4357.00 ft (KB) To 4450.00 ft (KB) (TVD)**
Total Depth: 4450.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good
Test Type: Conventional Bottom Hole (Initial)
Tester: Brandon Turley
Unit No: 79
Reference Elevations: 3009.00 ft (KB)
2998.00 ft (CF)
KB to GR/CF: 11.00 ft

Serial #: 8674 Outside
Press@RunDepth: 79.22 psig @ 4358.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2022.07.26 End Date: 2022.07.27 Last Calib.: 2022.07.27
Start Time: 19:51:26 End Time: 03:15:50 Time On Btm: 2022.07.26 @ 22:35:21
Time Off Btm: 2022.07.27 @ 00:36:21

TEST COMMENT: IF: 2" blow built to 9 1/2"
IS: No return.
FF: 1/4" blow built to 6"
FS: Surface blow built to 1/4" 30's



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2151.12	113.82	Initial Hydro-static
1	30.01	112.70	Open To Flow (1)
31	50.46	114.22	Shut-In(1)
61	1084.45	114.94	End Shut-In(1)
61	62.51	114.56	Open To Flow (2)
90	79.22	115.16	Shut-In(2)
120	1064.95	115.97	End Shut-In(2)
121	2101.21	116.47	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	gocm 10%g 30%o 60%m	0.30
64.00	mogo 25%g 60%o 15%m	0.31
0.00	179 GIP	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Palomino Petroleum

31-19s-37w Scott,KS

4924 SE 84th St
New ton, KS 67114

Break On Through #1

Job Ticket: 67993

DST#: 1

ATTN: Ryan Seib

Test Start: 2022.07.26 @ 19:51:21

Tool Information

Drill Pipe:	Length: 4094.00 ft	Diameter: 3.80 inches	Volume: 57.43 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 30000.00 lb
Drill Collar:	Length: 240.00 ft	Diameter: 2.25 inches	Volume: 1.18 bbl	Weight to Pull Loose: 100000.0 lb
			<u>Total Volume: 58.61 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	6.00 ft			String Weight: Initial 78000.00 lb
Depth to Top Packer:	4357.00 ft			Final 78000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	93.00 ft			
Tool Length:	122.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Stubb	1.00		Fluid	4329.00	
Shut In Tool	5.00			4334.00	
Hydraulic tool	5.00			4339.00	
Jars	5.00			4344.00	
EM Tool	2.00			4346.00	
Safety Joint	2.00			4348.00	
Packer	5.00			4353.00	29.00 Bottom Of Top Packer
Packer	4.00			4357.00	
Stubb	1.00			4358.00	
Recorder	0.00	8790	Inside	4358.00	
Recorder	0.00	8674	Outside	4358.00	
Perforations	24.00			4382.00	
Change Over Sub	1.00			4383.00	
Drill Pipe	63.00			4446.00	
Change Over Sub	1.00			4447.00	
Bullnose	3.00			4450.00	93.00 Bottom Packers & Anchor
Total Tool Length:	122.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Palomino Petroleum
4924 SE 84th St
New ton, KS 67114
ATTN: Ryan Seib

31-19s-37w Scott,KS
Break On Through #1
Job Ticket: 67993 **DST#: 1**
Test Start: 2022.07.26 @ 19:51:21

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	0 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	0 ppm
Viscosity: 49.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.19 in ³	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 3100.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	gocm 10%g 30%o 60%m	0.295
64.00	mcgo 25%g 60%o 15%m	0.315
0.00	179 GIP	0.000

Total Length: 124.00 ft Total Volume: 0.610 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments:

Serial #: 8674

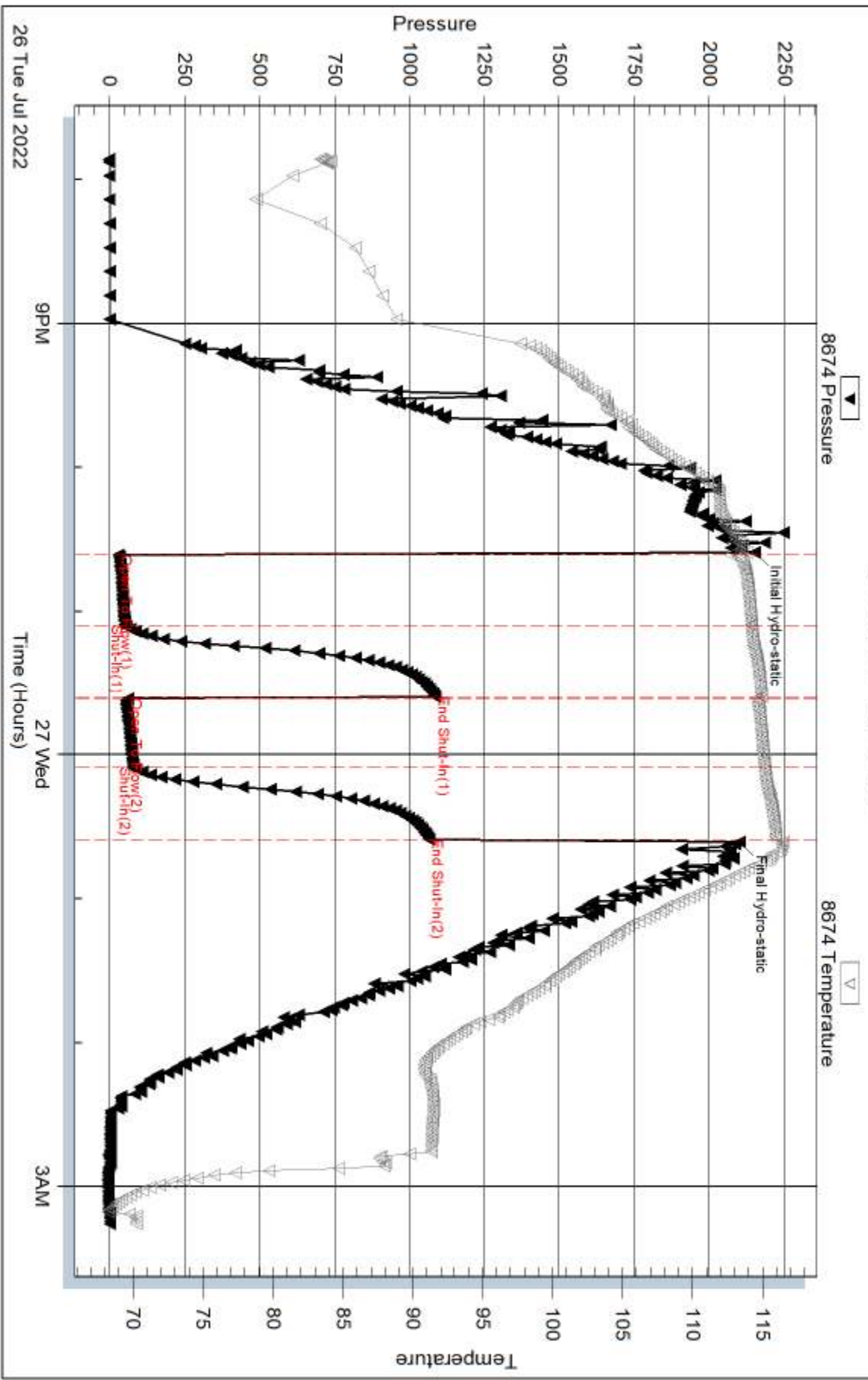
Outside

Palomino Petroleum

Break On Through #1

DST Test Number: 1

Pressure vs. Time



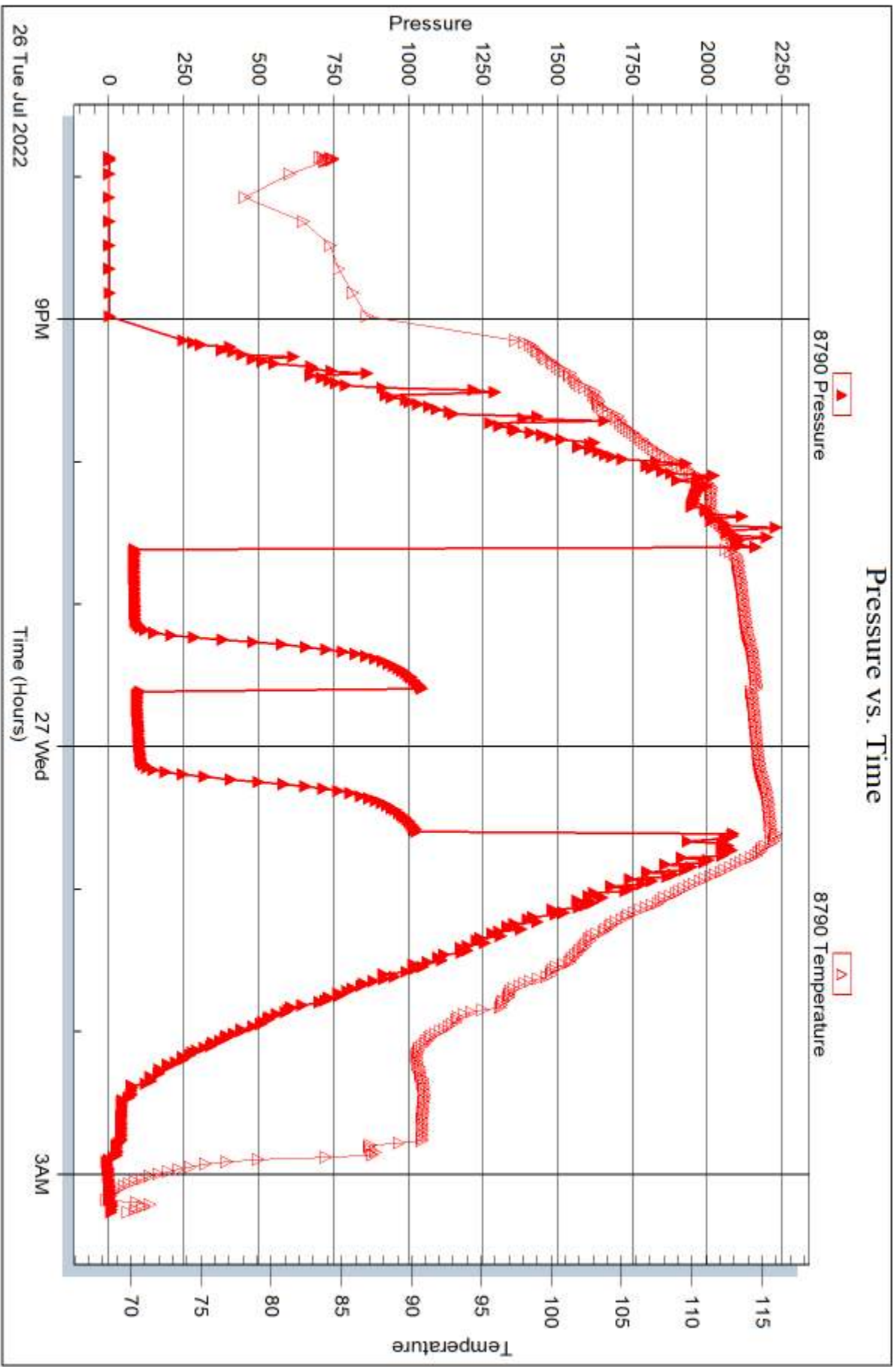
Serial #: 8790

Inside

Palomino Petroleum

Break On Through #1

DST Test Number: 1



Trilobite Testing, Inc

Ref. No: 67993

Printed: 2022.08.03 @ 17:34:39



DRILL STEM TEST REPORT

Prepared For: **Palomino Petroleum**

4924 SE 84th St
Newton, KS 67114

ATTN: Ryan Seib

Break On Through #1

31-19s-37w Scott,KS

Start Date: 2022.07.28 @ 11:08:35

End Date: 2022.07.28 @ 17:46:05

Job Ticket #: 67994 DST #: 2

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

Printed: 2022.08.03 @ 17:33:25



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Palomino Petroleum
 4924 SE 84th St
 New ton, KS 67114
 ATTN: Ryan Seib

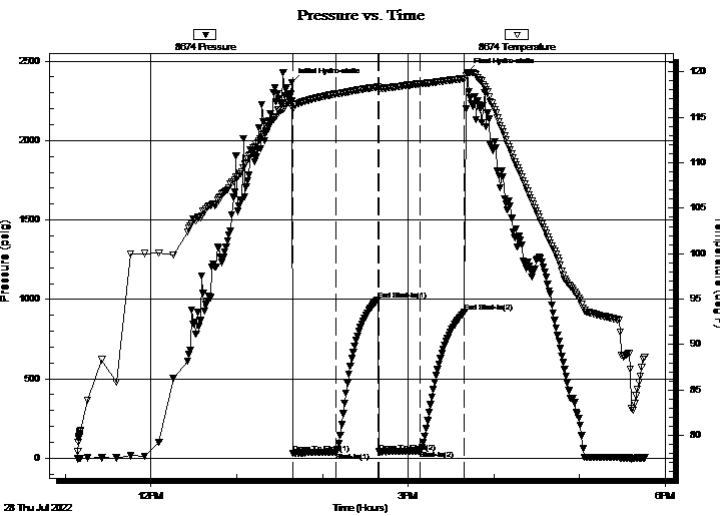
31-19s-37w Scott,KS
Break On Through #1
 Job Ticket: 67994 **DST#: 2**
 Test Start: 2022.07.28 @ 11:08:35

GENERAL INFORMATION:

Formation: **Morrow**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 13:39:35
 Time Test Ended: 17:46:05
Interval: 4655.00 ft (KB) To 4727.00 ft (KB) (TVD)
 Total Depth: 4727.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Brandon Turley
 Unit No: 79
 Reference Elevations: 3009.00 ft (KB)
 2998.00 ft (CF)
 KB to GR/CF: 11.00 ft

Serial #: 8674 Outside
 Press@RunDepth: 46.91 psig @ 4656.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2022.07.28 End Date: 2022.07.28 Last Calib.: 2022.07.28
 Start Time: 11:08:40 End Time: 17:46:04 Time On Btm: 2022.07.28 @ 13:38:35
 Time Off Btm: 2022.07.28 @ 15:41:35

TEST COMMENT: IF: 1/2" blow died in 1/4"
 IS: No return.
 FF: Surface blow built to 1/4"
 FS: No return. 30's



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2365.02	116.80	Initial Hydro-static
1	31.30	115.98	Open To Flow (1)
31	38.73	117.57	Shut-In(1)
60	995.91	118.32	End Shut-In(1)
61	39.78	118.12	Open To Flow (2)
90	46.91	118.68	Shut-In(2)
121	918.08	119.25	End Shut-In(2)
123	2427.21	119.82	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	mud 100% m	0.05

* 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

31-19s-37w Scott,KS

4924 SE 84th St
New ton, KS 67114

Break On Through #1

Job Ticket: 67994

DST#: 2

ATTN: Ryan Seib

Test Start: 2022.07.28 @ 11:08:35

Tool Information

Drill Pipe:	Length: 4411.00 ft	Diameter: 3.80 inches	Volume: 61.87 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 30000.00 lb
Drill Collar:	Length: 240.00 ft	Diameter: 2.25 inches	Volume: 1.18 bbl	Weight to Pull Loose: 120000.0 lb
			<u>Total Volume: 63.05 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	25.00 ft			String Weight: Initial 80000.00 lb
Depth to Top Packer:	4655.00 ft			Final 80000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	72.00 ft			
Tool Length:	101.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Stubb	1.00		Fluid	4627.00	
Shut In Tool	5.00			4632.00	
Hydraulic tool	5.00			4637.00	
Jars	5.00			4642.00	
EM Tool	2.00			4644.00	
Safety Joint	2.00			4646.00	
Packer	5.00			4651.00	29.00 Bottom Of Top Packer
Packer	4.00			4655.00	
Stubb	1.00			4656.00	
Recorder	0.00	8790	Inside	4656.00	
Recorder	0.00	8674	Outside	4656.00	
Perforations	3.00			4659.00	
Change Over Sub	1.00			4660.00	
Drill Pipe	63.00			4723.00	
Change Over Sub	1.00			4724.00	
Bullnose	3.00			4727.00	72.00 Bottom Packers & Anchor
Total Tool Length:	101.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Palomino Petroleum
4924 SE 84th St
New ton, KS 67114
ATTN: Ryan Seib

31-19s-37w Scott,KS
Break On Through #1
Job Ticket: 67994 **DST#: 2**
Test Start: 2022.07.28 @ 11:08:35

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	0 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	0 ppm
Viscosity: 65.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.99 in ³	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 4100.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	mud 100%m	0.049

Total Length: 10.00 ft Total Volume: 0.049 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

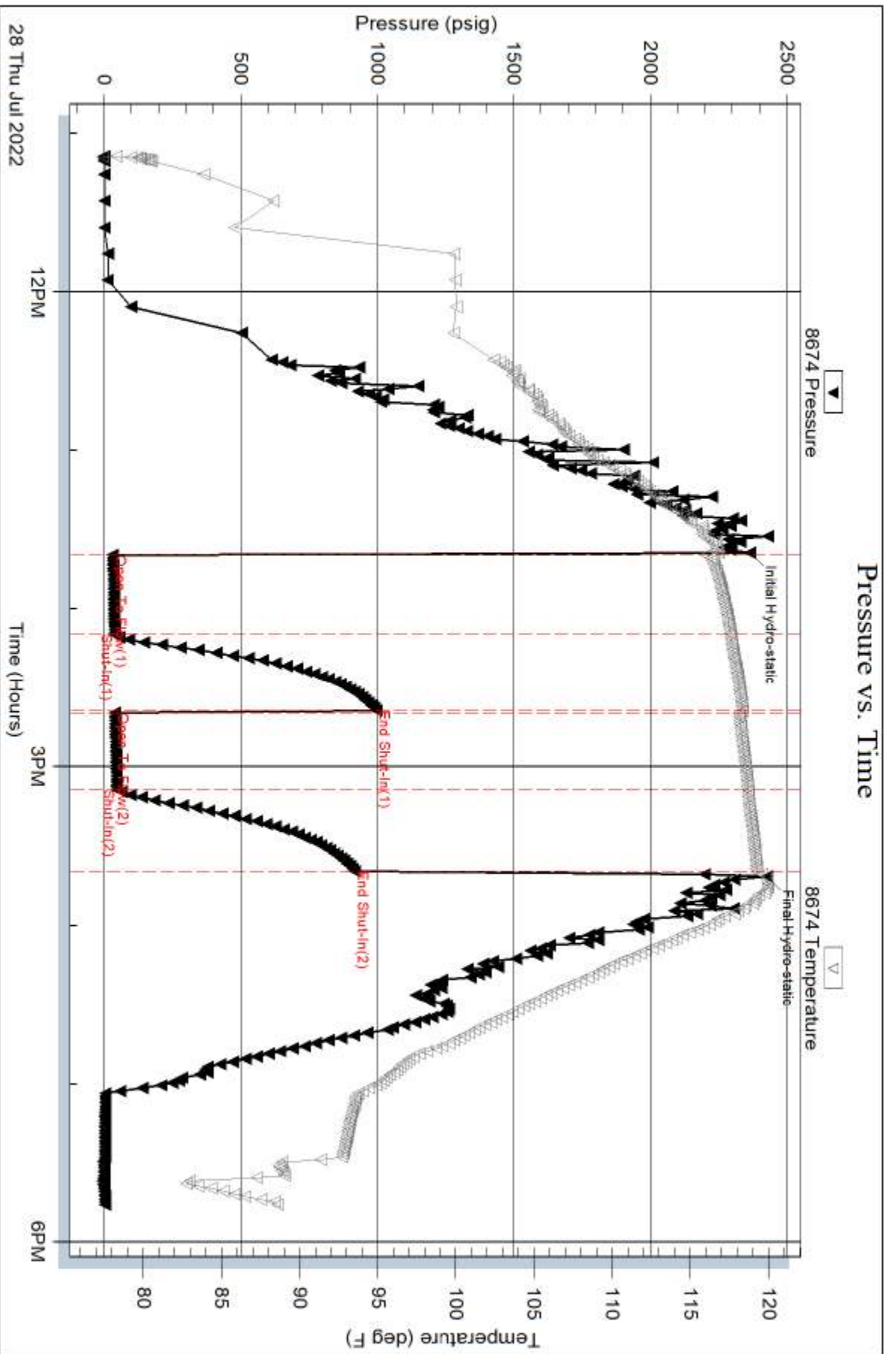
Recovery Comments:

Serial #: 8674

Outside Palomino Petroleum

Break On Through #1

DST Test Number: 2



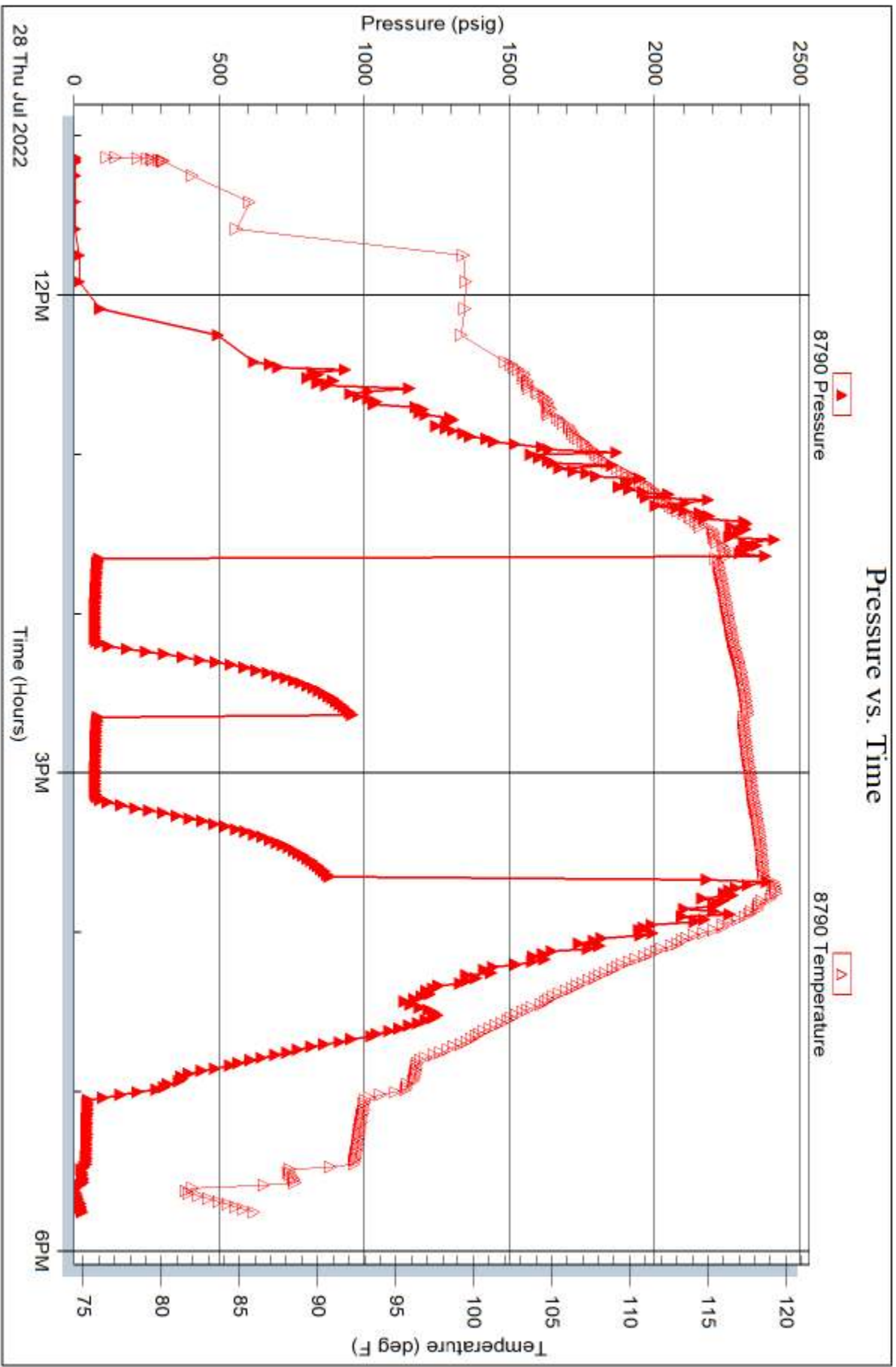
Serial #: 8790

Inside

Palomino Petroleum

Break On Through #1

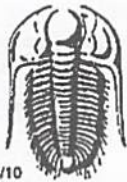
DST Test Number: 2



Trilobite Testing, Inc

Ref. No: 67994

Printed: 2022.08.03 @ 17:33:27



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 67993

Well Name & No. Break on Through #1 Test No. 1 Date 7-26-22
 Company Palomino Petroleum Elevation 3009 KB 2988 GL
 Address 4924 SE 84th St Newton, KS 67114
 Co. Rep / Geo. Rym Seik Rig Marlin 21
 Location: Sec. 31 Twp 19S Rge. 37W Co. Scott State KS

Interval Tested 4357 4450 Zone Tested Marmaton
 Anchor Length 93 Drill Pipe Run 4094 Mud Wt. 9.0
 Top Packer Depth 4352 Drill Collars Run 240 Vis 49
 Bottom Packer Depth 4357 Wt. Pipe Run — WL 7.2
 Total Depth 4450 Chlorides 3100 ppm System LCM 3

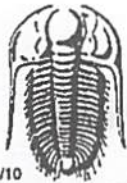
Blow Description IF: 2" blow built to 9 1/2.
ES: No return.
FF: 1/4 blow built to 6.
F51 surface blow built to 1/4.

Rec	Feet of	%gas	%oil	%water	%mud
<u>64</u>	<u>MC90</u>	<u>25</u>	<u>60</u>	<u>15</u>	<u>—</u>
<u>60</u>	<u>90CM</u>	<u>10</u>	<u>30</u>	<u>60</u>	<u>—</u>
<u>—</u>	<u>179 GEP</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>
<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>
<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>

Rec Total 124 BHT 116 Gravity — API RW — @ — °F Chlorides — ppm

(A) Initial Hydrostatic 2151 Test 1950 T-On Location 17:50
 (B) First Initial Flow 30 Jars 300 T-Started 19:51
 (C) First Final Flow 50 Safety Joint — T-Open 22:36
 (D) Initial Shut-In 1084 Circ Sub NIL T-Pulled 00:36
 (E) Second Initial Flow 62 Hourly Standby — T-Out 3:17
 (F) Second Final Flow 79 Mileage 30-45 Comments —
 (G) Final Shut-In 1064 Sampler —
 (H) Final Hydrostatic 2101 Straddle — EM Tool —
 Shale Packer — Ruined Shale Packer —
 Extra Packer — Ruined Packer —
 Extra Recorder — Extra Copies —
 Day Standby — Sub Total 0
 Accessibility — Total 2295
 Sub Total 2295 MP/DST Disc't —

Approved By _____ Our Representative _____
 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 all cost by the party for whom the test is made.



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 67994

Well Name & No. Break on Through #1 Test No. 2 Date 7-28-22
 Company Palomino Petroleum Elevation 3009 KB 2998 GL
 Address _____
 Co. Rep / Geo. Rym Seib Rig Murfin 21
 Location: Sec. 31 Twp 19S Rge. 37W Co. Scott State KS

Interval Tested 4655 4727 Zone Tested Morrow
 Anchor Length _____ 72 Drill Pipe Run 4411 Mud Wt. 9.0
 Top Packer Depth _____ 4650 Drill Collars Run 240 Vis 65
 Bottom Packer Depth _____ 4655 Wt. Pipe Run _____ WL 8.0
 Total Depth _____ 4727 Chlorides 4100 ppm System LCM 3
 Blow Description IF: 1/2 blow died to 1/4.
FS: No return,
FF: Surface blow built to 1/4.
FS: No return.

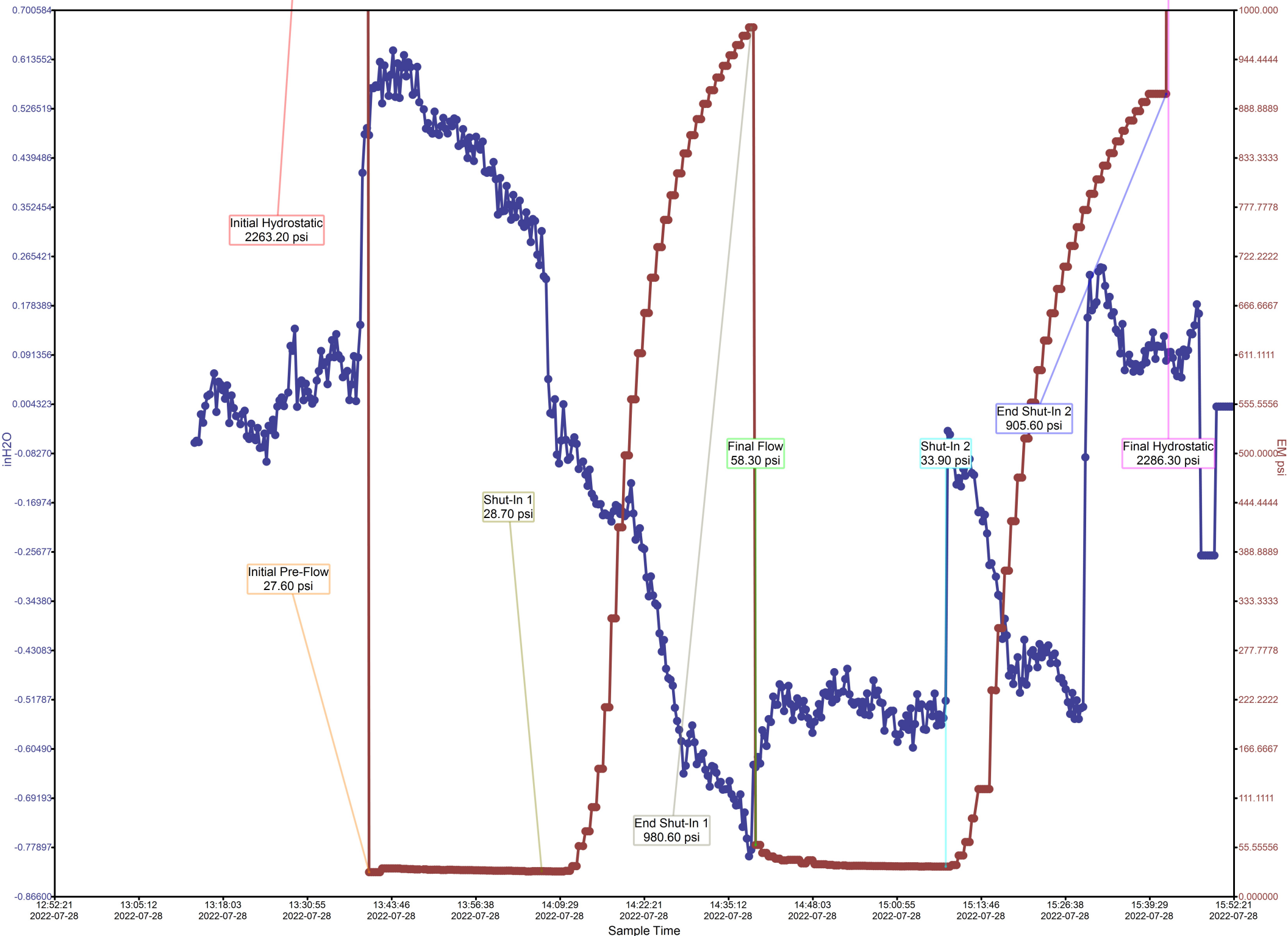
Rec	Feet of	%gas	%oil	%water	%mud
<u>10</u>	<u>mud</u>			<u>100</u>	
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 10 BHT 119 Gravity _____ API RW _____ @ _____ ° F Chlorides _____ ppm

(A) Initial Hydrostatic <u>2365</u>	<input checked="" type="checkbox"/> Test 1950	T-On Location <u>10:20</u>
(B) First Initial Flow <u>31</u>	<input checked="" type="checkbox"/> Jars 300	T-Started <u>11:08</u>
(C) First Final Flow <u>38</u>	<input checked="" type="checkbox"/> Safety Joint _____	T-Open <u>13:39</u>
(D) Initial Shut-In <u>995</u>	<input checked="" type="checkbox"/> Circ Sub <u>NIL</u>	T-Pulled <u>15:39</u>
(E) Second Initial Flow <u>39</u>	<input type="checkbox"/> Hourly Standby _____	T-Out <u>17:48</u>
(F) Second Final Flow <u>46</u>	<input checked="" type="checkbox"/> Mileage <u>30-x2 90</u>	Comments <u>logged</u>
(G) Final Shut-In <u>918</u>	<input type="checkbox"/> Sampler _____	<u>7-29-22 gt</u>
(H) Final Hydrostatic <u>2427</u>	<input type="checkbox"/> Straddle _____	<u>19:40</u>
Initial Open <u>30</u>	<input type="checkbox"/> Shale Packer _____	<input checked="" type="checkbox"/> EM Tool _____
Initial Shut-In <u>30</u>	<input type="checkbox"/> Extra Packer _____	<input type="checkbox"/> Ruined Shale Packer _____
Final Flow <u>30</u>	<input type="checkbox"/> Extra Recorder _____	<input type="checkbox"/> Ruined Packer _____
Final Shut-In <u>30</u>	<input checked="" type="checkbox"/> Day Standby <u>x2 1d 2h</u>	<input type="checkbox"/> Extra Copies _____
	<input type="checkbox"/> Accessibility _____	Sub Total <u>800</u>
	Sub Total <u>2340</u>	Total <u>3140</u>
		MP/DST Disc't _____

Approved By _____ Our Representative [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.

Palomino Petroleum - Break On Through 1 - DST #2





TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Palomino Petroleum
 4924 SE 84th St
 New ton, Ks 67114
 ATTN: Ryan Seib

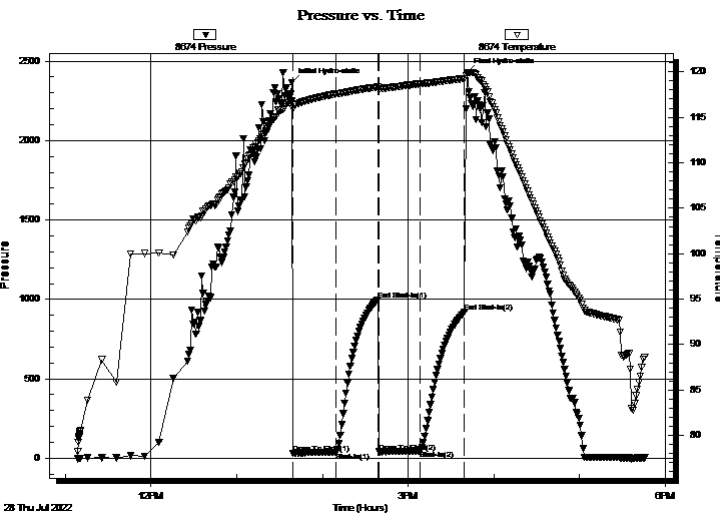
31-19s-37w Scott Ks
Break On Through #1
 Job Ticket: 67994 **DST#: 2**
 Test Start: 2022.07.28 @ 11:08:35

GENERAL INFORMATION:

Formation: **Morrow**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 13:39:35
 Time Test Ended: 17:46:05
Interval: 4655.00 ft (KB) To 4727.00 ft (KB) (TVD)
 Total Depth: 4727.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Brandon Turley
 Unit No: 79
 Reference Elevations: 3009.00 ft (KB)
 2998.00 ft (CF)
 KB to GR/CF: 11.00 ft

Serial #: 8674 Outside
 Press@RunDepth: 46.91 psig @ 4656.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2022.07.28 End Date: 2022.07.28 Last Calib.: 2022.07.28
 Start Time: 11:08:40 End Time: 17:46:04 Time On Btm: 2022.07.28 @ 13:38:35
 Time Off Btm: 2022.07.28 @ 15:41:35

TEST COMMENT: IF: 1/2 blow died in 1/4.
 IS: No return.
 FF: Surface blow built to 1/4.
 FS: No return. 30s



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2365.02	116.80	Initial Hydro-static
1	31.30	115.98	Open To Flow (1)
31	38.73	117.57	Shut-In(1)
60	995.91	118.32	End Shut-In(1)
61	39.78	118.12	Open To Flow (2)
90	46.91	118.68	Shut-In(2)
121	918.08	119.25	End Shut-In(2)
123	2427.21	119.82	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	mud 100%m	0.05

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Palomino Petroleum

31-19s-37w Scott Ks

4924 SE 84th St
New ton, Ks 67114

Break On Through #1

Job Ticket: 67994

DST#: 2

ATTN: Ryan Seib

Test Start: 2022.07.28 @ 11:08:35

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 65.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.99 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 4100.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	mud 100%m	0.049

Total Length: 10.00 ft Total Volume: 0.049 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

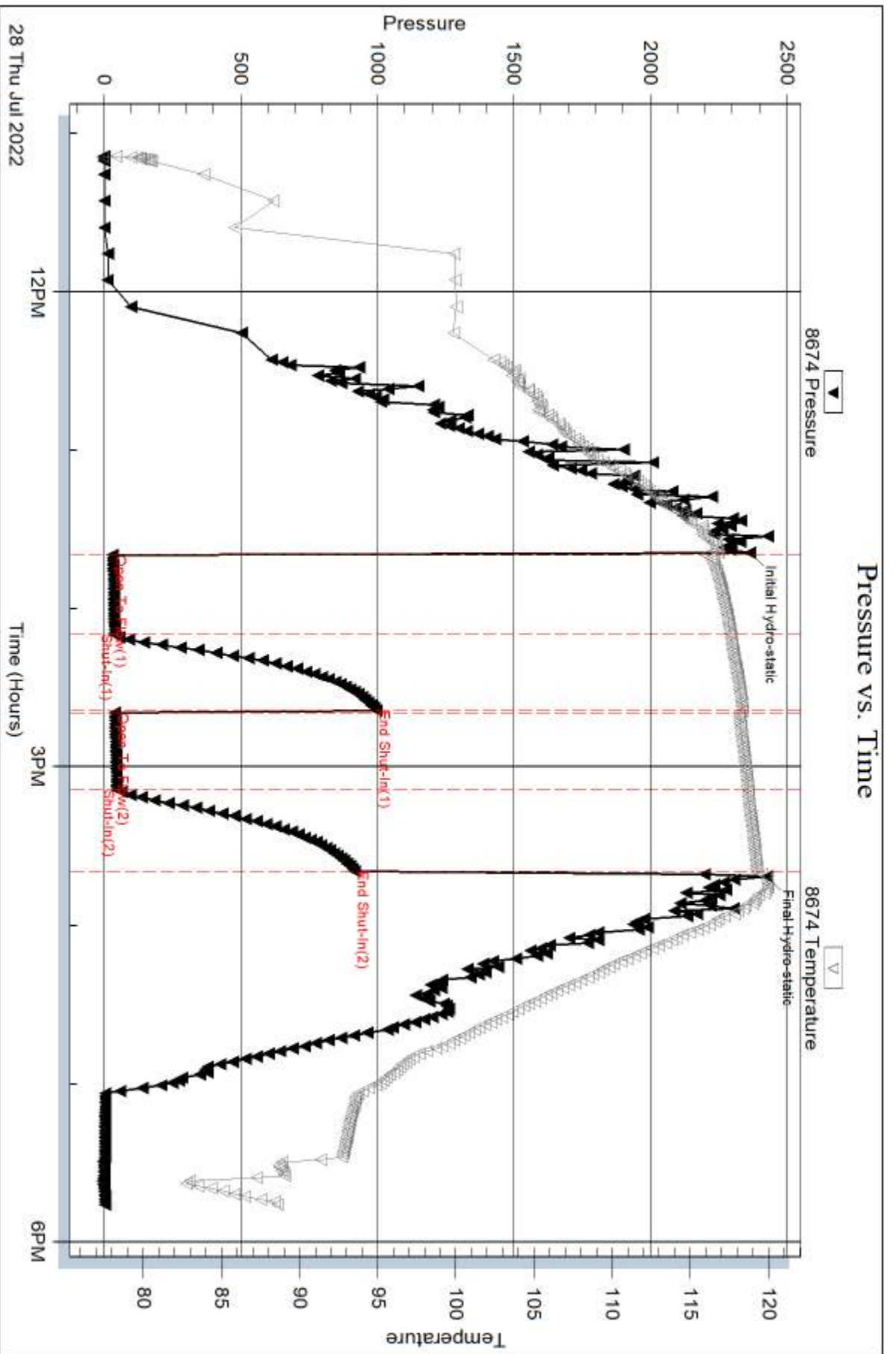
Recovery Comments:

Serial #: 8674

Outside Palomino Petroleum

Break On Through #1

DST Test Number: 2



Trilobite Testing, Inc

Ref. No: 67994

Printed: 2022.07.28 @ 18:54:57

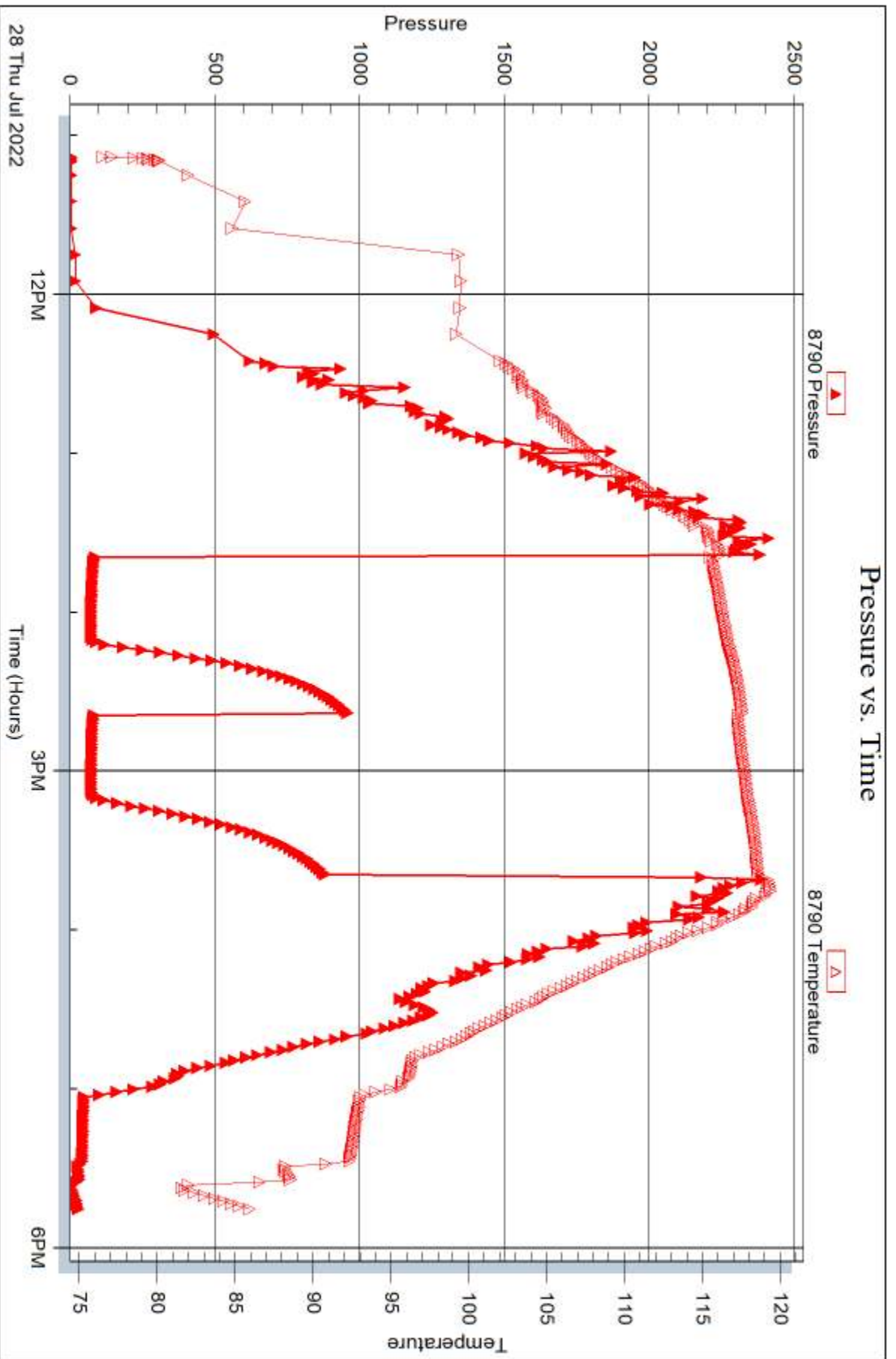
Serial #: 8790

Inside

Palomino Petroleum

Break On Through #1

DST Test Number: 2



Tribble Testing, Inc

Ref. No: 67994

Printed: 2022.07.28 @ 18:54:57



HP Oilfield Services, LLC
 383 Inverness Parkway, Suite 330
 Englewood, CO 80112

RECEIVED
 AUG 03 2022
 BY: _____

Invoice

Date	Invoice #
7/30/2022	27365

Bill To
Palomino Petroleum 4924 SE 84th Street Newton, KS 67114

Lease
Break on Through #1

Order by / P.O. No.	Terms
	Net 30

Description	Unit	Hrs / Qty	U/M	Rate	Amount
Break on Through #1 Field Ticket #: 2538K-C Description: Please see Attached Field Ticket					
Pump Charge for Cement	CMT-103	1	ea	1,500.00	1,500.00
Pumptruck Mileage	CMT-103	50	ea	7.15	357.50
Mileage Delivery of Bulk Material - 50 x 12.47 = 623.50 x 1.75 = 1091.13	CMT-103	623.5	ea	1.75	1,091.13
Liteweight Blend V	CMT	290	SKS	16.00	4,640.00T
Flo-Seal	CMT	73	lb	3.00	219.00T
Discount - Non-Taxable Items	CMT	1	ea	-589.73	-589.73
Discount - Taxable Items	CMT	1	ea	-971.80	-971.80T
Subtotal prior to Sales Taxes					6,246.10
KS & Scott County Sales Tax				8.50%	330.41
<i>Cement for plugging for #1 7/30</i>					

Thank you for your business.	Total	\$6,576.51
------------------------------	--------------	------------

