

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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GEOLOGIST'S REPORT
DETAILED STRATIGRAPHIC LOG

OPERATION: **Falcons - fallow - I-15**
LEASE: **for Unit I-15** Loc. # **1**
FIELD: **296.1**

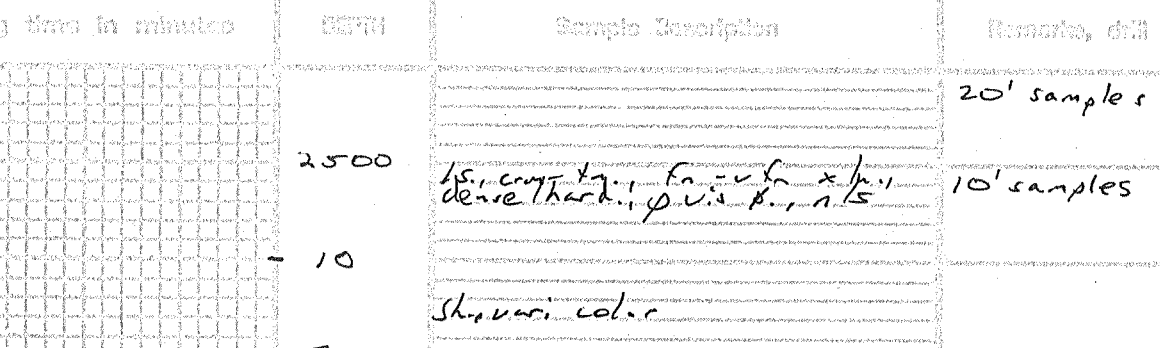
ELUTION:
NO. **292**

LOCATION: 164.1 FNL of I-15, FEL
SEC. **20** TWP. **20S** R. **35E**
COUNTY: **Scott** STATE: **KS**

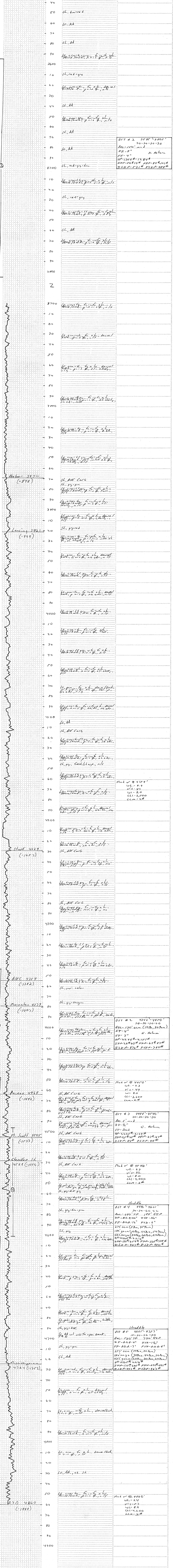
Well No. **164.1 FNL of I-15, FEL**
Produced by **Hyatt Seid**
Produced for **Hyatt Seid**

4432 A.C. (833)	2132 (832)
4432 B.C. (833)	2132 (832)
4432 C.C. (833)	2132 (832)
4432 D.C. (833)	2132 (832)
4432 E.C. (833)	2132 (832)
4432 F.C. (833)	2132 (832)
4432 G.C. (833)	2132 (832)
4432 H.C. (833)	2132 (832)
4432 I.C. (833)	2132 (832)
4432 J.C. (833)	2132 (832)
4432 K.C. (833)	2132 (832)
4432 L.C. (833)	2132 (832)
4432 M.C. (833)	2132 (832)
4432 N.C. (833)	2132 (832)
4432 O.C. (833)	2132 (832)
4432 P.C. (833)	2132 (832)
4432 Q.C. (833)	2132 (832)
4432 R.C. (833)	2132 (832)
4432 S.C. (833)	2132 (832)
4432 T.C. (833)	2132 (832)
4432 U.C. (833)	2132 (832)
4432 V.C. (833)	2132 (832)
4432 W.C. (833)	2132 (832)
4432 X.C. (833)	2132 (832)
4432 Y.C. (833)	2132 (832)
4432 Z.C. (833)	2132 (832)

LEGEND



SCALE 1" = 100'



OST # 2 2585-2805'
Rec-150' m.d
IF-8" N. Return
FF-4" FF-124#-1284#
IFP-50#19# FF-84#103#
IFP-531# FF-488#

Mud V @ 4159'
wt-8.7
vis-47
cl-8.0
cc-3,500
LCM-2#

OST # 2 4373-4470'
Rec-130' ocm (1020, 9070m)
IF-4" N. Return
FF-3" IF-2294#-2151#
IFP-29#63# FF-27#27#
IFP-195#225# FF-268#308#
IFP-2-34# FF-2-34#

Mud V @ 4450'
wt-9.3
vis-47
cl-8.0
cc-3,600
LCM-2#

OST # 3 4448-4550'
Rec. 5' m.d
IF-1/2" N. Return
FF-Dead
IF-225# 216#
IFP-29#63# FF-27#27#
IFP-84# FF-48#

Mud V @ 4466'
wt-9.2
vis-47
cl-8.0
cc-4,000
LCM-2#

Staddle
OST # 4 4426-4601'
Rec-440' TF 189' STP
IF-20.0-22" FF-34"
FF-20.0-16" FF-9"
214' ocm (5700, 9570m)
189' ocm (3070, 7070, 1020m)
237' ocm (2070, 6070, 2070m)
IF-246# 2316#
IFP-195#225# FF-268#308#
IFP-2-34# FF-2-34#

Mud V @ 4460'
wt-8.4
vis-47
cl-8.0
cc-4,200
LCM-2#



P. O. Box 466
Ness City, KS 67560
Off: 785-798-2300



Invoice

DATE	INVOICE #
10/18/2022	34767

BILL TO
Palomino Petroleum Inc. 4924 S E 84th Street Newton, KS 67114-8827

RECEIVED
OCT 21 2022
BY: _____

- Acidizing
- Cement
- Tool Rental

TERMS	Well No.	Lease	County	Contractor	Well Type	Well Category	Job Purpose	Operator
Net 30	#1	For What It's ...	Scott	Murfin Drlg	Oil	Development	5 1/2 Longstring	Gideon
PRICE REF.	DESCRIPTION				QTY	UM	UNIT PRICE	AMOUNT
575D	Mileage - 1 Way				80	Miles	7.00	560.00
578D-L	Pump Charge - Long String				1	Job	1,600.00	1,600.00
404-5	5 1/2" Port Collar				1	Each	2,500.00	2,500.00T
403-5	5 1/2" Cement Basket				1	Each	300.00	300.00T
406-5	5 1/2" Latch Down Plug & Baffle				1	Each	250.00	250.00T
407-5	5 1/2" Insert Float Shoe With Auto Fill				1	Each	350.00	350.00T
409-5	5 1/2" Turbolizer				14	Each	100.00	1,400.00T
325	Standard Cement				175	Sacks	15.00	2,625.00T
284	Calseal				8	Sack(s)	50.00	400.00T
283	Salt				900	Lb(s)	0.25	225.00T
285	CFR-1				100	Lb(s)	6.00	600.00T
276	Flocele				50	Lb(s)	3.00	150.00T
281	Mud Flush				500	Gallon(s)	2.00	1,000.00T
221	Liquid KCL (Clayfix)				4	Gallon(s)	25.00	100.00T
290	D-Air				5	Gallon(s)	42.00	210.00T
581D	Service Charge Cement				175	Sacks	2.00	350.00
583D	Drayage				732	Ton Miles	1.00	732.00
	Subtotal							13,352.00
	Sales Tax Scott County						8.50%	859.35
We Appreciate Your Business!							Total	\$14,211.35



CHARGE TO: Palomino Petroleum

ADDRESS

CITY, STATE, ZIP CODE

TICKET **34767**

PAGE 1 OF 2

1. SERVICE LOCATIONS <u>Ness City, KS</u>	WELL/PROJECT NO. <u>#1</u>	LEASE <u>For What its W</u>	COUNTY/PARISH <u>SCOTT</u>	STATE <u>KS</u>	CITY	DATE <u>10/18/2022</u>	OWNER
2. TICKET TYPE <input checked="" type="checkbox"/> SERVICE <input type="checkbox"/> SALES	CONTRACTOR <u>Murfin Drilling</u>		RIG NAME/NO.	SHIPPED VIA <u>CT</u>	DELIVERED TO <u>LOCATION</u>	ORDER NO.	
3. WELL TYPE <u>Oil</u>	WELL CATEGORY <u>Development</u>	JOB PURPOSE <u>Long String 5 1/2"</u>		WELL PERMIT NO.	WELL LOCATION <u>Scott City 9-5</u>		
4. REFERRAL LOCATION	INVOICE INSTRUCTIONS						

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
<u>575</u>		<u>1</u>			MILEAGE <u>Trk #115</u>		<u>80</u>	<u>MI</u>		<u>7.00</u>	<u>560.00</u>
<u>578</u>		<u>1</u>			<u>Pump Charge - Long String</u>		<u>1</u>	<u>job</u>		<u>1,600.00</u>	<u>1,600.00</u>
579		1			Standard Cement						
<u>404</u>		<u>1</u>			<u>PORT COLLAR</u>		<u>5 1/2</u>	<u>IN</u>	<u>1 EA</u>	<u>2,500.00</u>	<u>2,500.00</u>
<u>403</u>		<u>1</u>			<u>CEMENT BASKET</u>		<u>5 1/2</u>	<u>IN</u>	<u>1 EA</u>	<u>300.00</u>	<u>300.00</u>
<u>406</u>		<u>1</u>			<u>LATCH DOWN PLUG + Baffle</u>		<u>5 1/2</u>	<u>IN</u>	<u>1 EA</u>	<u>250.00</u>	<u>250.00</u>
<u>407</u>		<u>1</u>			<u>INSERT FLOAT Shoe w/ Auto fill</u>		<u>5 1/2</u>	<u>IN</u>	<u>1 EA</u>	<u>350.00</u>	<u>350.00</u>
<u>409</u>		<u>1</u>			<u>Turbolizers</u>		<u>5 1/2</u>	<u>IN</u>	<u>14 EA</u>	<u>100.00</u>	<u>1,400.00</u>

LEGAL TERMS: Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, **PAYMENT, RELEASE, INDEMNITY, and LIMITED WARRANTY** provisions.

MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS.

Randy Papp

DATE SIGNED 10/18/2022 TIME SIGNED 11:15 A.M. P.M.

REMIT PAYMENT TO:

SWIFT SERVICES, INC.
P.O. BOX 466
NESS CITY, KS 67560
785-798-2300

SURVEY	AGREE	UNDECIDED	DISAGREE	PAGE TOTAL	<u>1</u>
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?				<u>2</u>	<u>6,392.00</u>
WE UNDERSTOOD AND MET YOUR NEEDS?				<u>Total</u>	<u>13,252.00</u>
OUR SERVICE WAS PERFORMED WITHOUT DELAY?				<u>Swift</u>	<u>851.35</u>
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?				TOTAL	<u>14,211.35</u>
ARE YOU SATISFIED WITH OUR SERVICE?	<input type="checkbox"/> YES	<input type="checkbox"/> NO	CUSTOMER DID NOT WISH TO RESPOND		

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES The customer hereby acknowledges receipt of the materials and services listed on this ticket.

SWIFT OPERATOR Gideon Fuchs APPROVAL

Thank You!



PO Box 466
Ness City, KS 67560
Off: 785-798-2300

TICKET CONTINUATION

TICKET No. 34767

CUSTOMER Palomino Petroleum WELL For What it's worth # DATE 10/18/2022 PAGE 2 OF 2

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			TIME	DESCRIPTION	QTY		U/M		UNIT PRICE	AMOUNT
		LOC	ACCT	DF			QTY	U/M	QTY	U/M		
325		1				STANDARD CEMENT	175	sk			15.00	2625.00
284		1				Cal Seal	8	sk			50.00	400.00
283		1				SALT	900	lb			0.25	225.00
285		1				CFR-1	100	lb			6.00	600.00
276		1				Floccle	50	lb			3.00	150.00
281		1				Mud Flush	500	gal			2.00	1,000.00
221		1				Liquid KCL	4	gal			25.00	100.00
290		1				D-AIR	5	gal			42.00	210.00
581		1				SERVICE CHARGE Cement					2.00	350.00
58		1				MILEAGE CHARGE					1.00	732.00
						TOTAL WEIGHT	18.300					
						LOADED MILES	80					
						CUBIC FEET	175					
						TON MILES	732					

CONTINUATION TOTAL 6392.00

JOB LOG

SWIFT Services, Inc.

DATE 10/18/2022 PAGE NO. 1

CUSTOMER Palomino Petroleum WELL NO. #1 LEASE For what it's worth JOB TYPE Long String TICKET NO. 34767

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	

10/18	1715							ON LOCATION 5 1/2" 1716/16 RTD: 4.860 LTD: 4.861' TP: 4.862' SJ: 42.10' OUT: #108 PC: #47 2.859' Basket: #47 Tubes: 1,3,4,5,6,7,8,9,48,49,50,51,52,53
-------	------	--	--	--	--	--	--	---

	1800							Start 5 1/2" Csg in Well
	2030							Drop Ball - Circulate

	2130	4	12			250		Pump 500 gal Mud Flush
		4	20			250		Pump 20 bbl KCL SPACER

	2140	1 1/2	7-5			75		Plug RH, MH [30,20]
--	------	-------	-----	--	--	----	--	---------------------

	2200	3	30			175		Mix 125 sks of EA-2 @ 15.36ppg
--	------	---	----	--	--	-----	--	--------------------------------

	2210							Wash Pump + Lines Release LATCH DOWN Plug
--	------	--	--	--	--	--	--	--

	2215	6 1/2	0			200		Begin Displacement
		6 1/2	86			250		Life PSI
		6 1/2	111			800		MAX life PSI

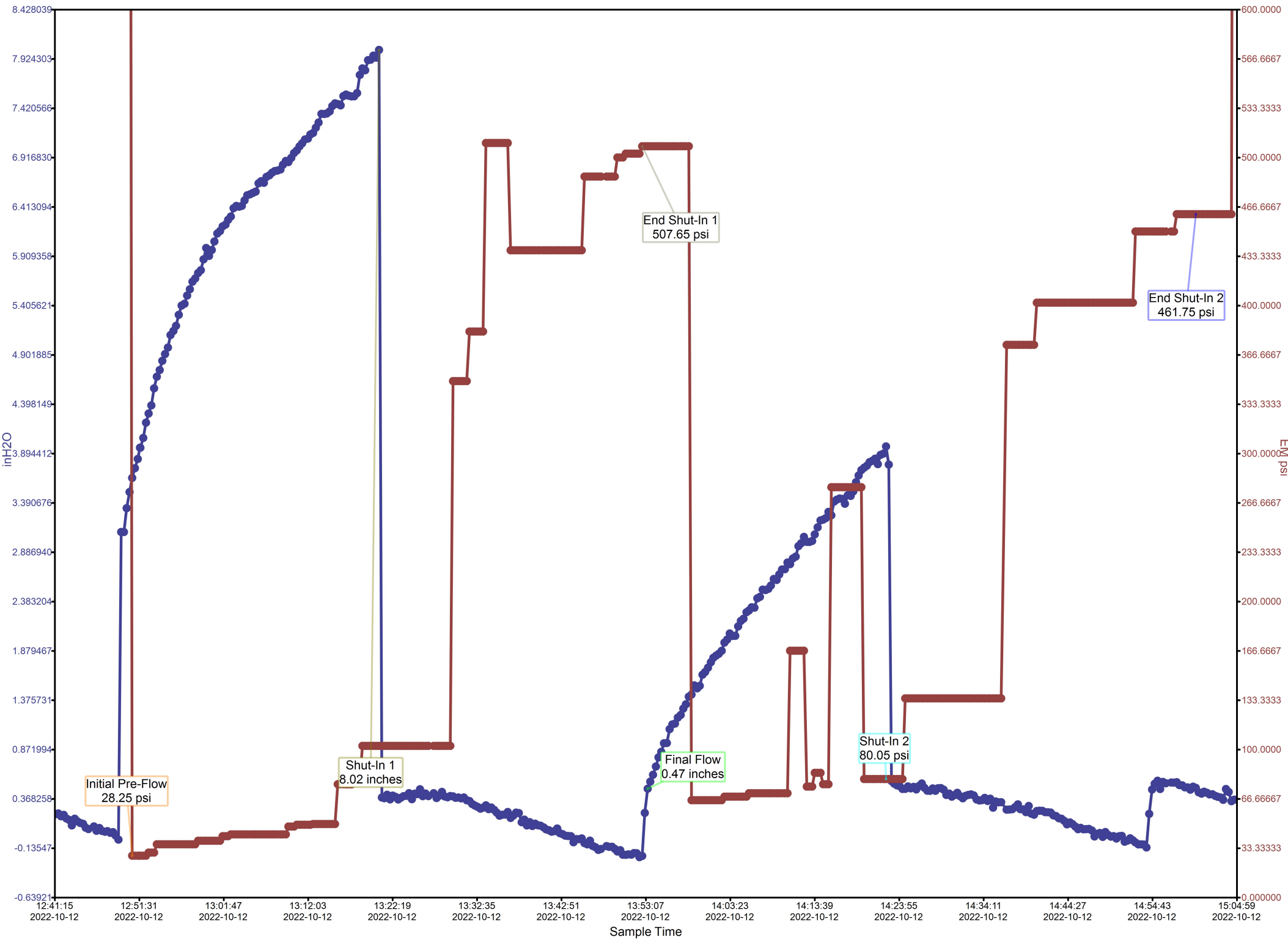
	2230	5 1/2	111.8			1800		LAND LATCH DOWN Plug - Release PSI *Hold*
--	------	-------	-------	--	--	------	--	--

	2240							Wash up Trk #116
	2310							Job Complete

175 sks of EA-2 used [30RH, 20MH]
Plug Down @ 10:30 PM CST

Thanks!
Gideon Mack, John

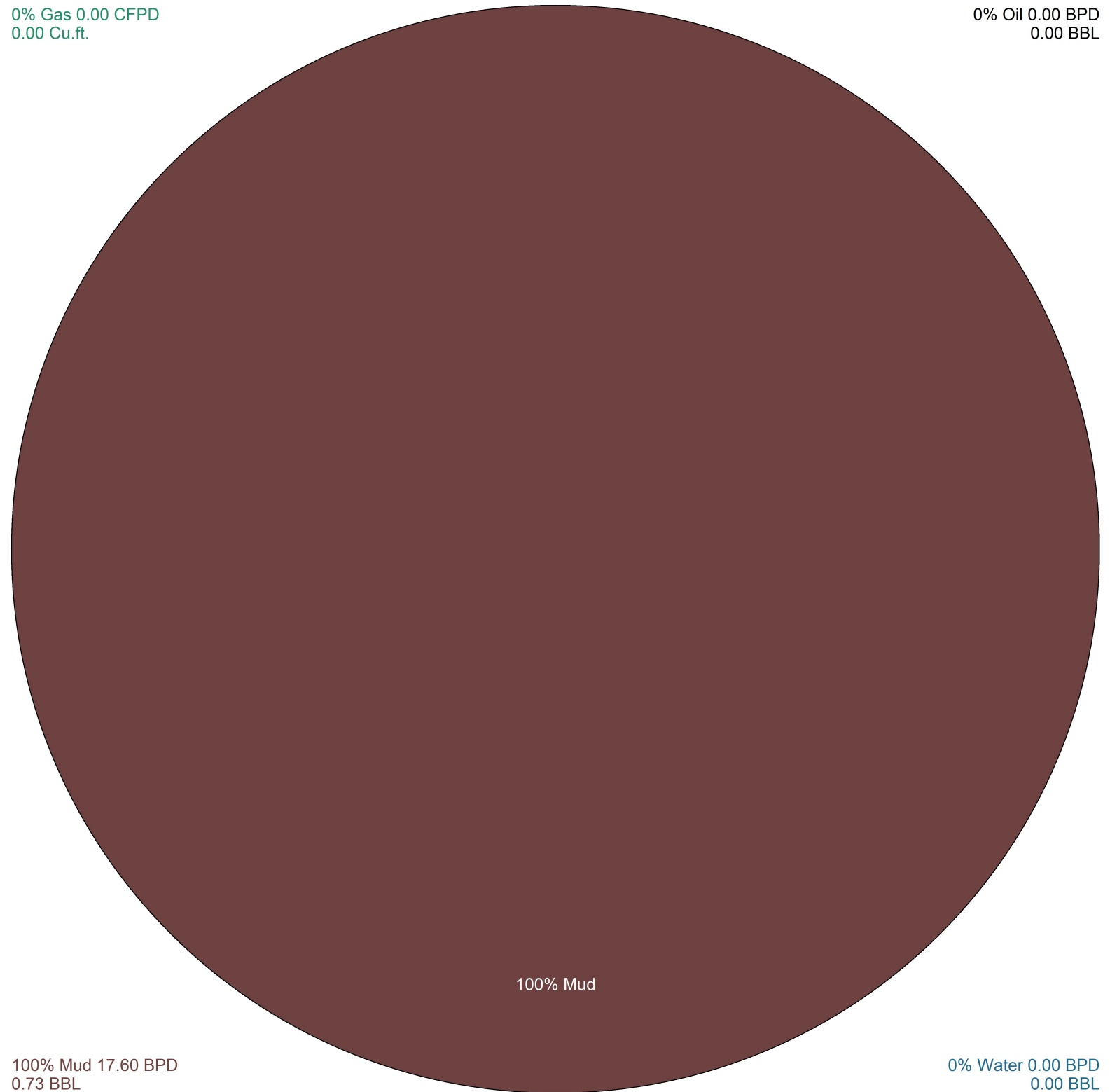
Palomino Petroleum - For What It's Worth 1 - DST #1



Calculated Recovery Analysis - Palomino Petroleum - For What It's Worth 1 - DST #1

0% Gas 0.00 CFPD
0.00 Cu.ft.

0% Oil 0.00 BPD
0.00 BBL



100% Mud

100% Mud 17.60 BPD
0.73 BBL

0% Water 0.00 BPD
0.00 BBL



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Palomino Petroleum

Scott, Ks

New ton Ks

ForWhat It'sWorth 1

ATTN: Andrew Stenzel

Job Ticket: 69186

DST#: 1

Test Start: 2022.10.12 @ 10:50:00

GENERAL INFORMATION:

Formation: **Krider**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 12:50:00

Time Test Ended: 16:47:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Bradley Walter

Unit No: 78

Interval: 2595.00 ft (KB) To 2805.00 ft (KB) (TVD)

Reference Elevations: 2972.00 ft (KB)

Total Depth: 2805.00 ft (KB) (TVD)

2961.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 11.00 ft

Serial #: 8845 Outside

Press@RunDepth: 107.11 psig @ 2596.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2022.10.12 End Date: 2022.10.12

Last Calib.: 2022.10.12

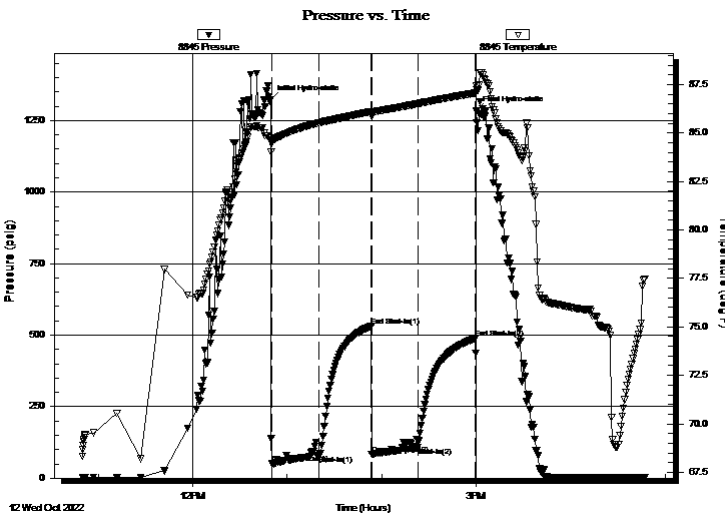
Start Time: 10:50:05 End Time: 16:46:59

Time On Btm: 2022.10.12 @ 12:49:15

Time Off Btm: 2022.10.12 @ 15:00:00

TEST COMMENT: IF: 8" blow.
IS: No return,
FF: 4" blow.
FS: No return. 30-30-30-30

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1323.66	84.75	Initial Hydro-static
1	50.16	84.45	Open To Flow (1)
31	78.84	85.52	Shut-In(1)
64	531.06	86.11	End Shut-In(1)
65	83.75	86.04	Open To Flow (2)
94	107.11	86.51	Shut-In(2)
130	488.05	87.06	End Shut-In(2)
131	1283.94	87.42	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
150.00	Mud 100m	0.74
0.00	Gas not detected	0.00

Gas Rates

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



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Palomino Petroleum

Scott, Ks

New ton Ks

ForWhat It'sWorth 1

ATTN: Andrew Stenzel

Job Ticket: 69186

DST#: 1

Test Start: 2022.10.12 @ 10:50:00

GENERAL INFORMATION:

Formation: **Krider**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 12:50:00

Time Test Ended: 16:47:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Bradley Walter

Unit No: 78

Interval: **2595.00 ft (KB) To 2805.00 ft (KB) (TVD)**

Reference Elevations: 2972.00 ft (KB)

Total Depth: 2805.00 ft (KB) (TVD)

2961.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 11.00 ft

Serial #: 8319 Inside

Press@RunDepth: psig @ 2596.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2022.10.12

End Date:

2022.10.12

Last Calib.:

2022.10.12

Start Time: 10:50:05

End Time:

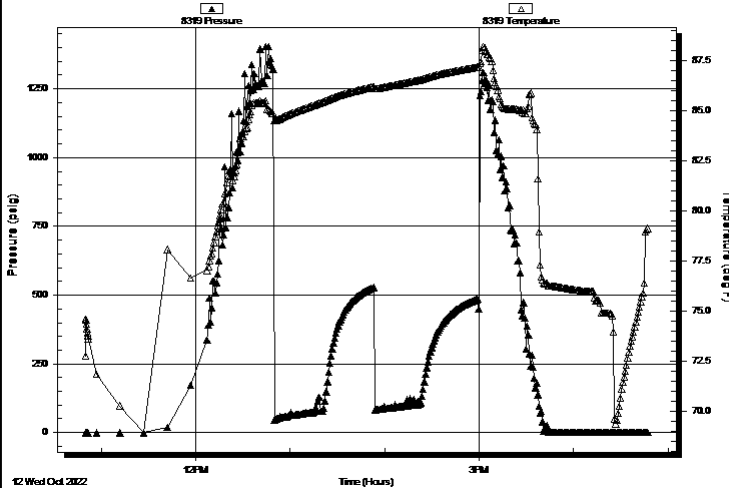
16:46:59

Time On Btm:

Time Off Btm:

TEST COMMENT: IF: 8" blow.
IS: No return,
FF: 4" blow.
FS: No return. 30-30-30-30

Pressure vs. Time



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
150.00	Mud 100m	0.74
0.00	Gas not detected	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Palomino Petroleum

Scott, Ks

New ton Ks

ForWhat It'sWorth 1

Job Ticket: 69186

DST#: 1

ATTN: Andrew Stenzel

Test Start: 2022.10.12 @ 10:50:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 10.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 30.00 sec/qt

Cushion Volume:

bbbl

Water Loss: in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 42000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
150.00	Mud 100m	0.738
0.00	Gas not detected	0.000

Total Length: 150.00 ft

Total Volume: 0.738 bbl

Num Fluid Samples: 0

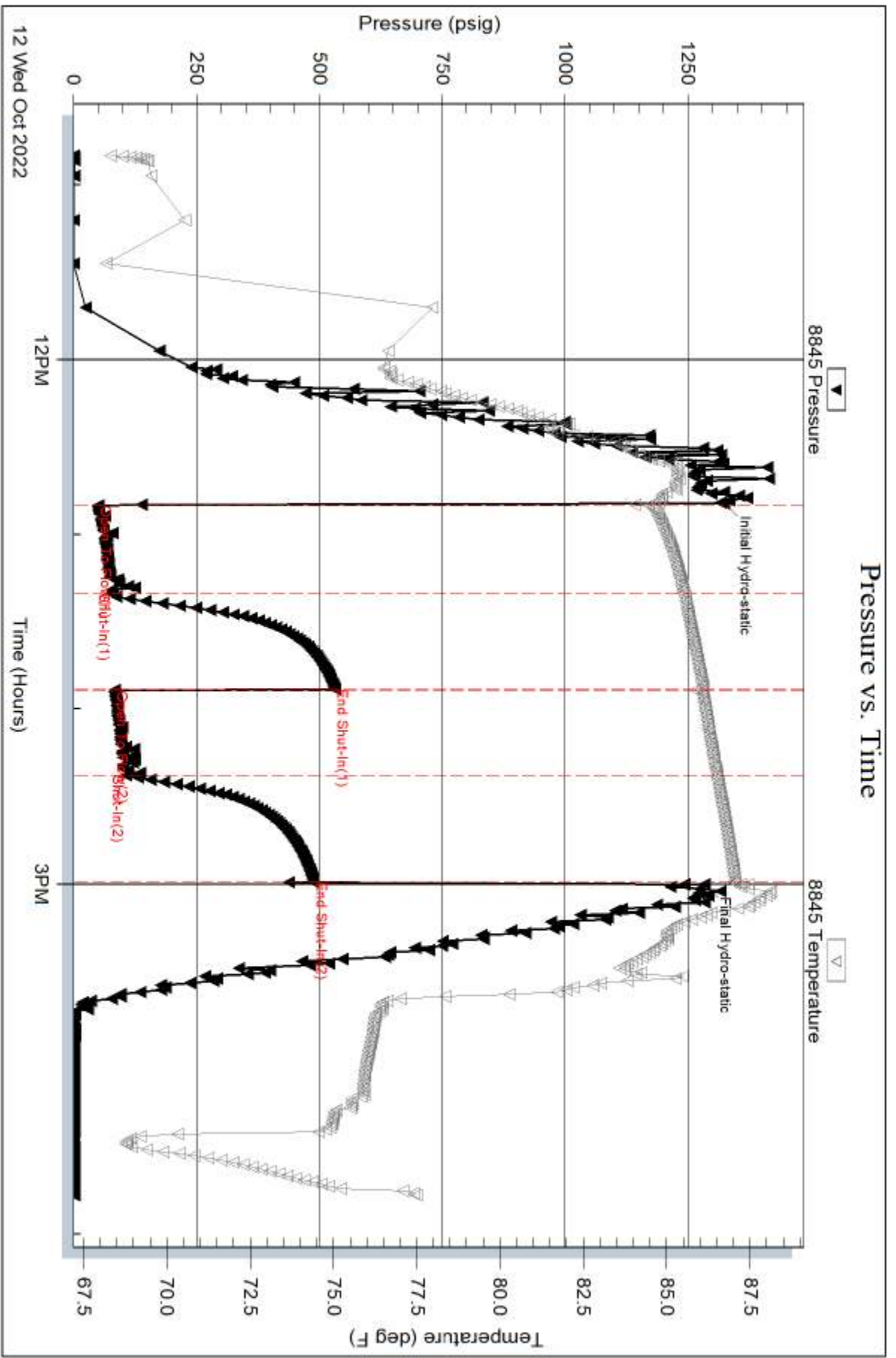
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



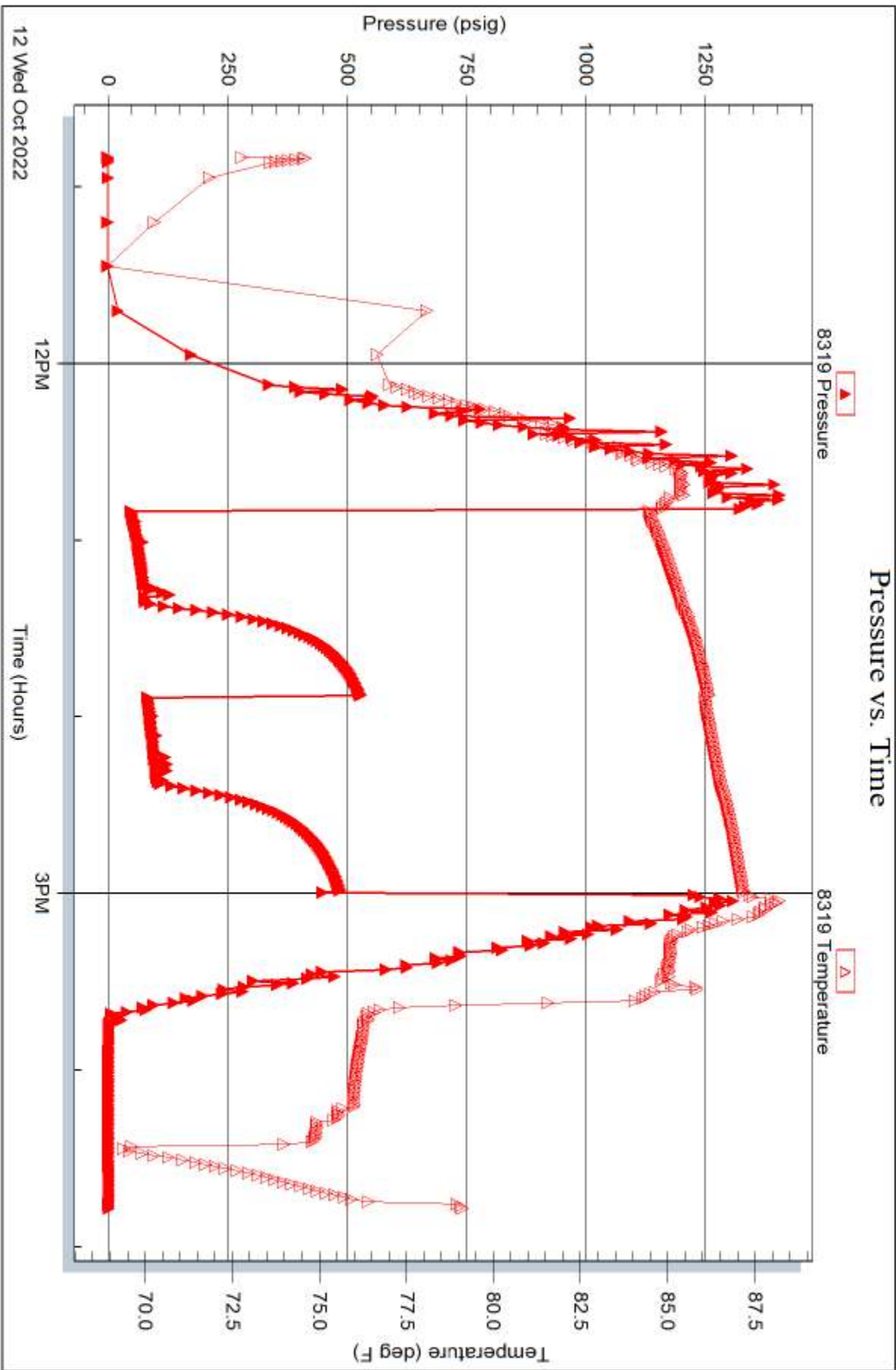
Serial #: 8319

Inside

Palomino Petroleum

ForWhat It'sWorth 1

DST Test Number: 1



12 Wed Oct 2022

12PM

Time (Hours)

3PM



DRILL STEM TEST REPORT

Prepared For: **Palomino Petroleum**

4924 SE 84th St
Newton KS 67114

ATTN: Andrew Stenzel

30-20s-33w Scott,KS

For What It's Worth #1

Start Date: 2022.10.12 @ 10:50:00

End Date: 2022.10.12 @ 16:47:00

Job Ticket #: 69186 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2022.10.19 @ 15:15:05



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Palomino Petroleum

For What It's Worth #1

4924 SE 84th St
New ton KS 67114

30-20s-33w Scott,KS

Job Ticket: 69186

DST#: 1

ATTN: Andrew Stenzel

Test Start: 2022.10.12 @ 10:50:00

GENERAL INFORMATION:

Formation: **Krider**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 12:50:00

Time Test Ended: 16:47:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Bradley Walter

Unit No: 78

Interval: 2595.00 ft (KB) To 2805.00 ft (KB) (TVD)

Reference Elevations: 2972.00 ft (KB)

Total Depth: 2805.00 ft (KB) (TVD)

2961.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 11.00 ft

Serial #: 8845 Outside

Press@RunDepth: 107.11 psig @ 2596.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2022.10.12 End Date: 2022.10.12

Last Calib.: 2022.10.12

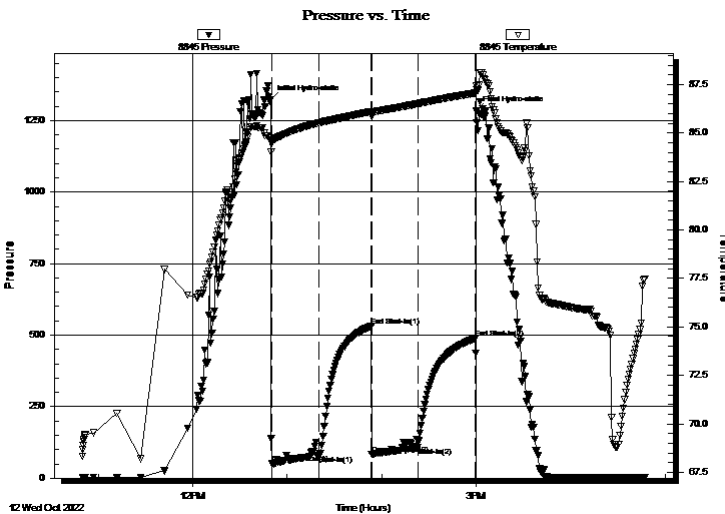
Start Time: 10:50:05 End Time: 16:46:59

Time On Btm: 2022.10.12 @ 12:49:15

Time Off Btm: 2022.10.12 @ 15:00:00

TEST COMMENT: IF: 8" blow.
IS: No return,
FF: 4" blow.
FS: No return. 30-30-30-30

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1323.66	84.75	Initial Hydro-static
1	50.16	84.45	Open To Flow (1)
31	78.84	85.52	Shut-In(1)
64	531.06	86.11	End Shut-In(1)
65	83.75	86.04	Open To Flow (2)
94	107.11	86.51	Shut-In(2)
130	488.05	87.06	End Shut-In(2)
131	1283.94	87.42	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
150.00	Mud 100m	0.74
0.00	Gas not detected	0.00

Gas Rates

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



DRILL STEM TEST REPORT

Palomino Petroleum

For What It's Worth #1

4924 SE 84th St
New ton KS 67114

30-20s-33w Scott,KS

ATTN: Andrew Stenzel

Job Ticket: 69186

DST#: 1

Test Start: 2022.10.12 @ 10:50:00

GENERAL INFORMATION:

Formation: **Krider**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 12:50:00

Time Test Ended: 16:47:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Bradley Walter

Unit No: 78

Interval: 2595.00 ft (KB) To 2805.00 ft (KB) (TVD)

Reference Elevations: 2972.00 ft (KB)

Total Depth: 2805.00 ft (KB) (TVD)

2961.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 11.00 ft

Serial #: 8319 Inside

Press@RunDepth: psig @ 2596.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2022.10.12

End Date: 2022.10.12

Last Calib.: 2022.10.12

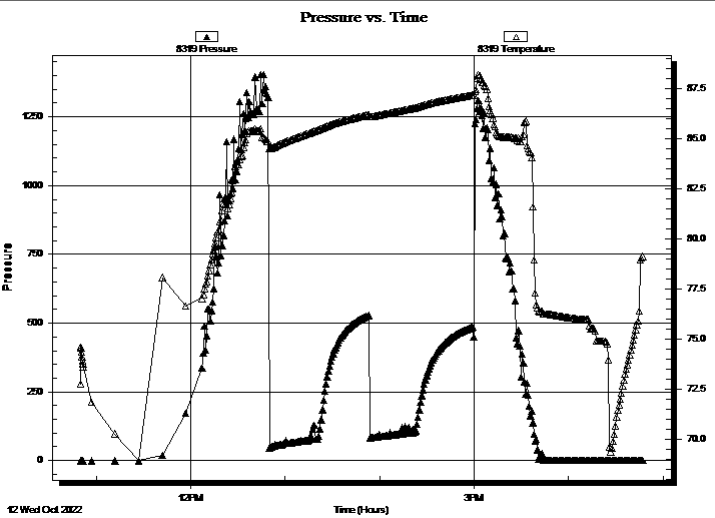
Start Time: 10:50:05

End Time: 16:46:59

Time On Btm:

Time Off Btm:

TEST COMMENT: IF: 8" blow.
IS: No return,
FF: 4" blow.
FS: No return. 30-30-30-30



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
150.00	Mud 100m	0.74
0.00	Gas not detected	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Palomino Petroleum

For What It's Worth #1

4924 SE 84th St
New ton KS 67114

30-20s-33w Scott,KS

Job Ticket: 69186

DST#: 1

ATTN: Andrew Stenzel

Test Start: 2022.10.12 @ 10:50:00

Tool Information

Drill Pipe:	Length: 2056.00 ft	Diameter: 3.80 inches	Volume: 28.84 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 515.00 ft	Diameter: 2.25 inches	Volume: 2.53 bbl	Weight to Pull Loose: 110000.0 lb
			<u>Total Volume: 31.37 bbl</u>	Tool Chased 8.00 ft
Drill Pipe Above KB:	6.00 ft			String Weight: Initial 70000.00 lb
Depth to Top Packer:	2595.00 ft			Final 70000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	210.00 ft			
Tool Length:	240.00 ft			
Number of Packers:	2	Diameter: 875.00 inches		

Tool Comments:

Tool Description

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

Change Over Sub	1.00			2566.00	
Shut In Tool	5.00			2571.00	
Hydraulic tool	5.00			2576.00	
Jars	5.00			2581.00	
EM Tool	3.00			2584.00	
Safety Joint	2.00			2586.00	
Packer	5.00			2591.00	30.00 Bottom Of Top Packer
Packer	4.00			2595.00	
Stubb	1.00			2596.00	
Recorder	0.00	8319	Inside	2596.00	
Recorder	0.00	8845	Outside	2596.00	
Perforations	14.00			2610.00	
Change Over Sub	1.00			2611.00	
Drill Pipe	190.00			2801.00	
Change Over Sub	1.00			2802.00	
Bullnose	3.00			2805.00	210.00 Bottom Packers & Anchor
Total Tool Length:	240.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Palomino Petroleum

For What It's Worth #1

4924 SE 84th St
New ton KS 67114

30-20s-33w Scott,KS

Job Ticket: 69186

DST#: 1

ATTN: Andrew Stenzel

Test Start: 2022.10.12 @ 10:50:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 10.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 30.00 sec/qt

Cushion Volume:

bbbl

Water Loss: in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 42000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
150.00	Mud 100m	0.738
0.00	Gas not detected	0.000

Total Length: 150.00 ft Total Volume: 0.738 bbl

Num Fluid Samples: 0

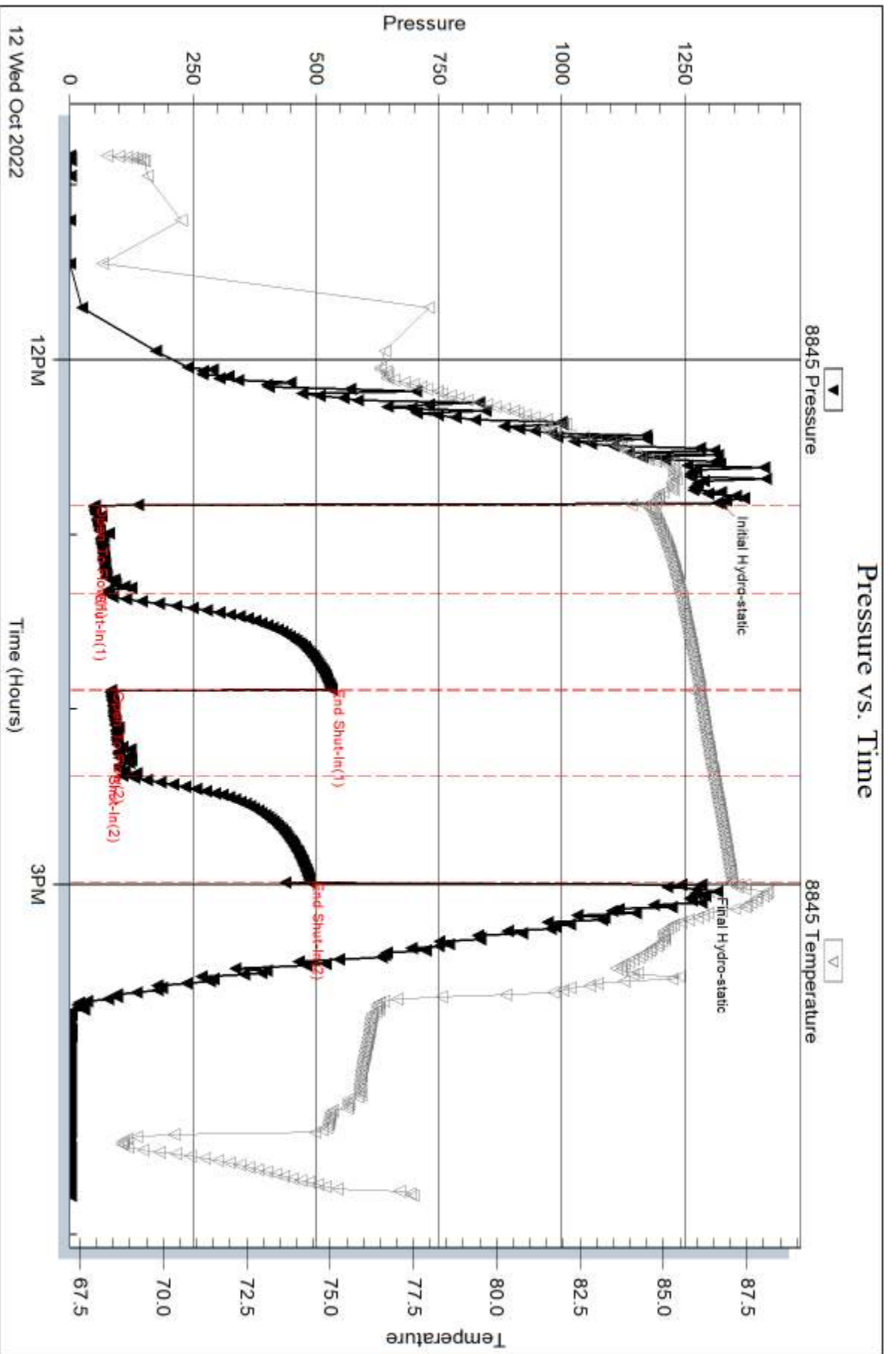
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



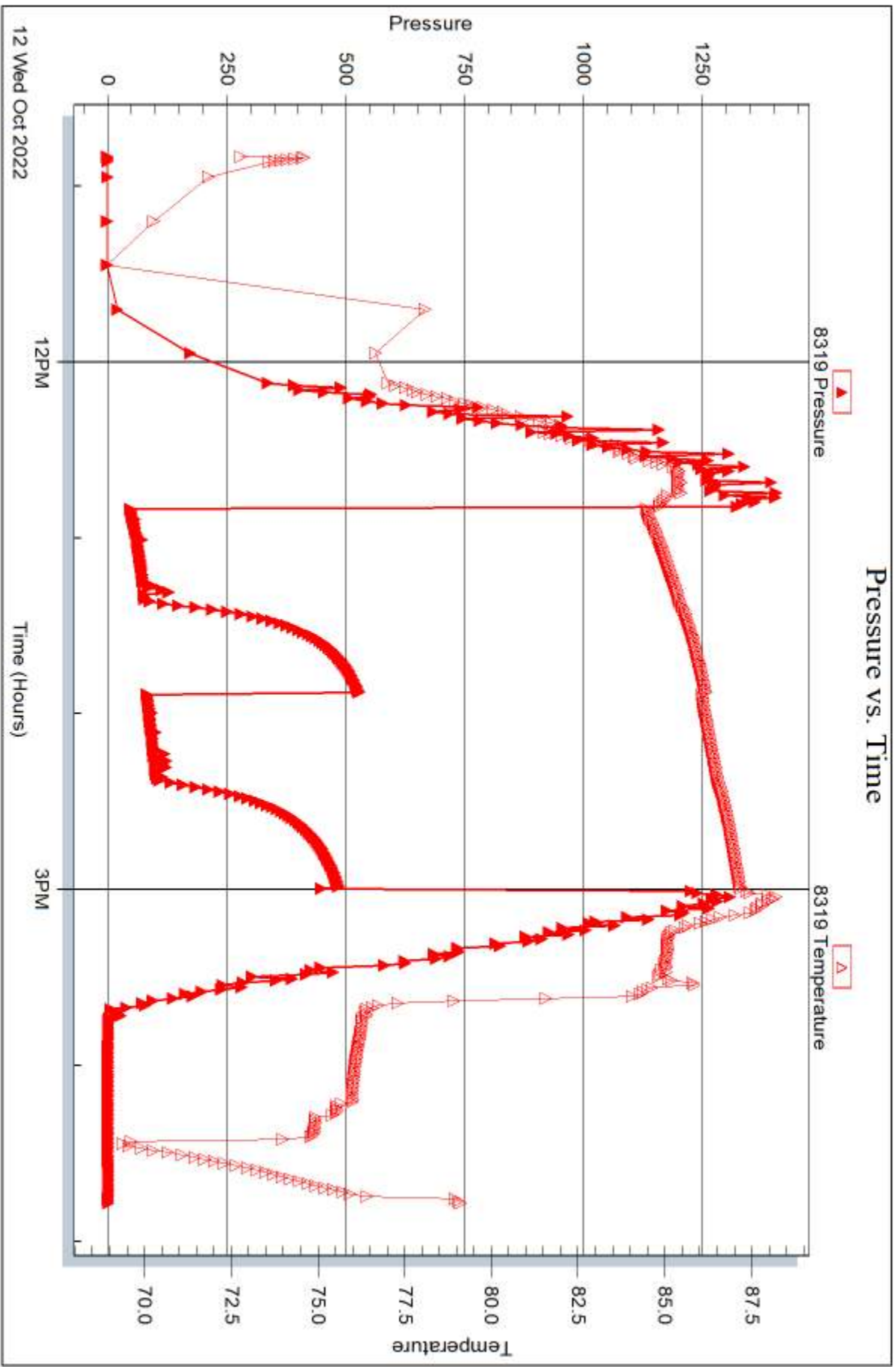
Serial #: 8319

Inside

Palomino Petroleum

30-20s-33w Scott KS

DST Test Number: 1



Trilobite Testing, Inc

Ref. No: 69186

Printed: 2022.10.19 @ 15:17:36



DRILL STEM TEST REPORT

Prepared For: **Palomino Petroleum**

4924 SE 84th St
Newton KS 67114

ATTN: Andrew Stenzel

30-20s-33w Scott,KS

For What It's Worth #1

Start Date: 2022.10.15 @ 07:15:39

End Date: 2022.10.15 @ 13:05:09

Job Ticket #: 69150 DST #: 2

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

Printed: 2022.10.19 @ 15:12:42

Palomino Petroleum

For What It's Worth #1

30-20s-33w Scott,KS

DST # 2

Marmaton

2022.10.15



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Palomino Petroleum

For What It's Worth #1

4924 SE 84th St
New ton KS 67114

30-20s-33w Scott,KS

Job Ticket: 69150

DST#: 2

ATTN: Andrew Stenzel

Test Start: 2022.10.15 @ 07:15:39

GENERAL INFORMATION:

Formation: **Marmaton**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 09:08:39

Time Test Ended: 13:05:09

Test Type: Conventional Bottom Hole (Reset)

Tester: Brandon Turley

Unit No: 79

Interval: 4343.00 ft (KB) To 4450.00 ft (KB) (TVD)

Reference Elevations: 2972.00 ft (KB)

Total Depth: 4450.00 ft (KB) (TVD)

2961.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 11.00 ft

Serial #: 8674 Outside

Press@RunDepth: 87.59 psig @ 4344.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2022.10.15

End Date: 2022.10.15

Last Calib.: 2022.10.15

Start Time: 07:15:44

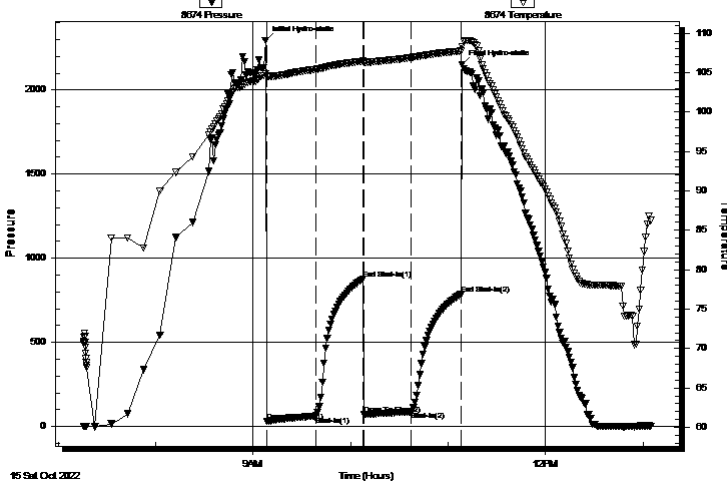
End Time: 13:05:08

Time On Btm: 2022.10.15 @ 09:07:39

Time Off Btm: 2022.10.15 @ 11:08:39

TEST COMMENT: IF: 1/2" blow built to 4"
IS: No return.
FF: 1/4" blow built to 3"
FS: No return. 30s

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2294.79	104.87	Initial Hydro-static
1	29.55	104.42	Open To Flow (1)
31	63.05	105.42	Shut-In(1)
60	876.27	106.45	End Shut-In(1)
61	69.55	106.26	Open To Flow (2)
90	87.59	106.92	Shut-In(2)
120	784.82	107.73	End Shut-In(2)
121	2151.95	108.30	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
130.00	ocm 10%o 90%m	0.64

* Recovery from multiple tests

Gas Rates

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



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

Palomino Petroleum

4924 SE 84th St
New ton KS 67114

ATTN: Andrew Stenzel

For What It's Worth #1

30-20s-33w Scott, KS

Job Ticket: 69150

DST#: 2

Test Start: 2022.10.15 @ 07:15:39

GENERAL INFORMATION:

Formation: **Marmaton**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 09:08:39

Time Test Ended: 13:05:09

Test Type: Conventional Bottom Hole (Reset)

Tester: Brandon Turley

Unit No: 79

Interval: **4343.00 ft (KB) To 4450.00 ft (KB) (TVD)**

Reference Elevations: 2972.00 ft (KB)

Total Depth: 4450.00 ft (KB) (TVD)

2961.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 11.00 ft

Serial #: **8790**

Inside

Press@RunDepth: psig @ 4344.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2022.10.15

End Date: 2022.10.15

Last Calib.: 2022.10.15

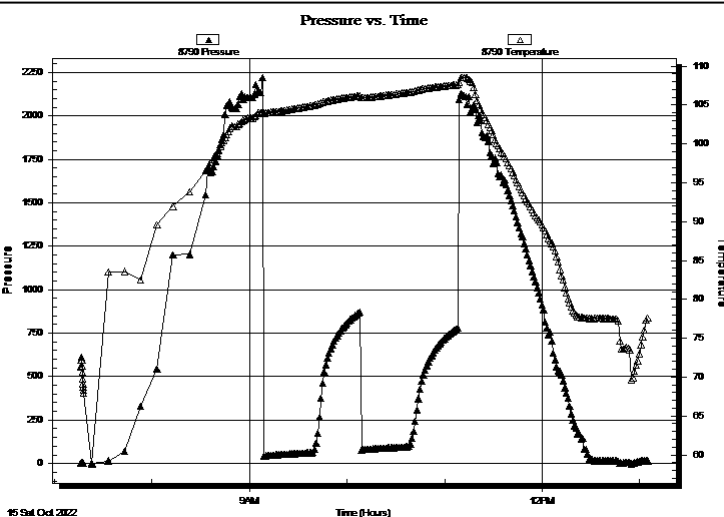
Start Time: 07:16:03

End Time: 13:05:27

Time On Btm:

Time Off Btm:

TEST COMMENT: IF: 1/2" blow built to 4"
IS: No return.
FF: 1/4" blow built to 3"
FS: No return. 30s



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
130.00	ocm 10%o 90%m	0.64

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

For What It's Worth #1

4924 SE 84th St
New ton KS 67114

30-20s-33w Scott,KS

Job Ticket: 69150

DST#: 2

ATTN: Andrew Stenzel

Test Start: 2022.10.15 @ 07:15:39

Tool Information

Drill Pipe:	Length: 4093.00 ft	Diameter: 3.80 inches	Volume: 57.41 bbl	Tool Weight: 2500.00 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: 237.00 ft	Diameter: 2.25 inches	Volume: 1.17 bbl	Weight to Pull Loose: 95000.00 lb
			<u>Total Volume: 58.58 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	16.00 ft			String Weight: Initial 65000.00 lb
Depth to Top Packer:	4343.00 ft			Final 66000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	107.00 ft			
Tool Length:	136.00 ft			
Number of Packers:	2	Diameter: 875.00 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Stubb	1.00		Fluid	4315.00	
Shut In Tool	5.00			4320.00	
Hydraulic tool	5.00			4325.00	
Jars	5.00			4330.00	
EM Tool	2.00			4332.00	
Safety Joint	2.00			4334.00	
Packer	5.00			4339.00	29.00 Bottom Of Top Packer
Packer	4.00			4343.00	
Stubb	1.00			4344.00	
Recorder	0.00	8790	Inside	4344.00	
Recorder	0.00	8674	Outside	4344.00	
Perforations	6.00			4350.00	
Change Over Sub	1.00			4351.00	
Drill Pipe	95.00			4446.00	
Change Over Sub	1.00			4447.00	
Bullnose	3.00			4450.00	107.00 Bottom Packers & Anchor
Total Tool Length:	136.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Palomino Petroleum

For What It's Worth #1

4924 SE 84th St
New ton KS 67114

30-20s-33w Scott,KS

Job Ticket: 69150

DST#: 2

ATTN: Andrew Stenzel

Test Start: 2022.10.15 @ 07:15:39

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: 47.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.99 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 5500.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
130.00	ocm 10%o 90%m	0.639

Total Length: 130.00 ft Total Volume: 0.639 bbl

Num Fluid Samples: 0

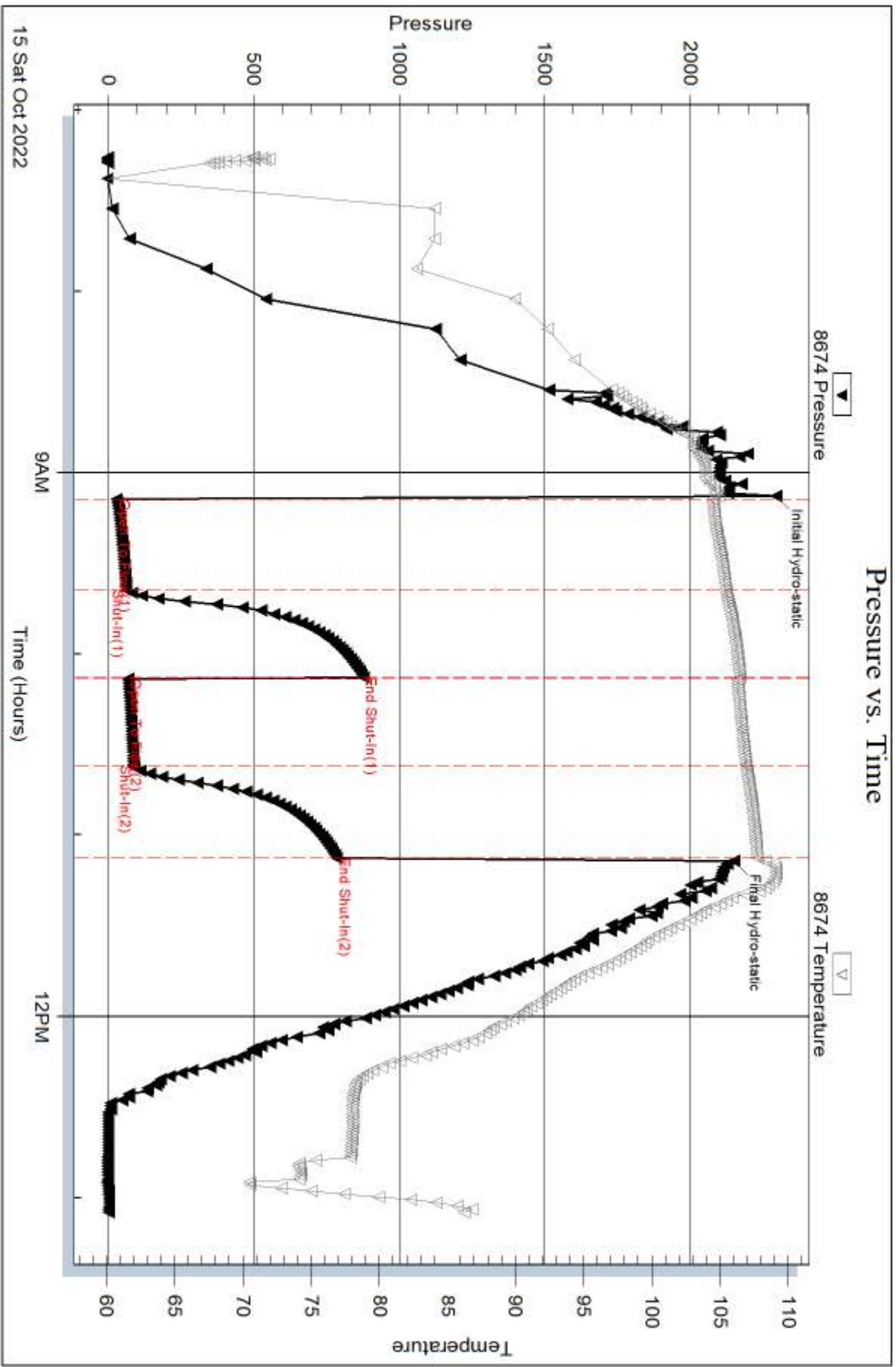
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



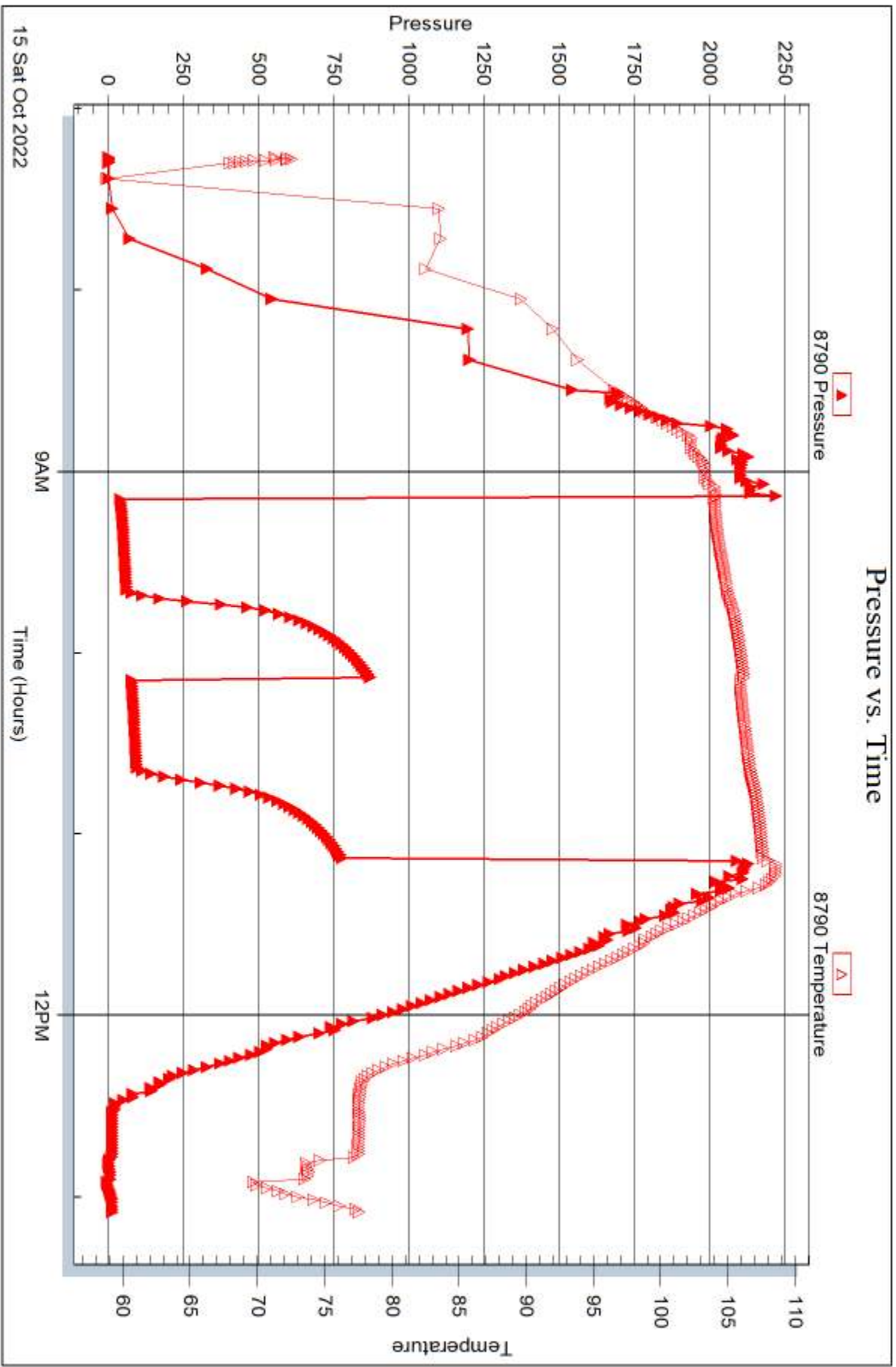
Serial #: 8790

Inside

Palomino Petroleum

30-20s-33w Scott KS

DST Test Number: 2



Trilobite Testing, Inc

Ref. No: 69150

Printed: 2022.10.19 @ 15:12:47



DRILL STEM TEST REPORT

Prepared For: **Palomino Petroleum**

4924 SE 84th St
Newton KS 67114

ATTN: Andrew Stenzel

30-20s-33w Scott,KS

For What It's Worth #1

Start Date: 2022.10.16 @ 00:30:30

End Date: 2022.10.16 @ 07:10:30

Job Ticket #: 69226 DST #: 3

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2022.10.19 @ 15:12:12

Palomino Petroleum

For What It's Worth #1

30-20s-33w Scott,KS

DST # 3

Pawnee - Ft Scott

2022.10.16



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Palomino Petroleum

4924 SE 84th St
New ton KS 67114

ATTN: Andrew Stenzel

For What It's Worth #1

30-20s-33w Scott,KS

Job Ticket: 69226

DST#: 3

Test Start: 2022.10.16 @ 00:30:30

GENERAL INFORMATION:

Formation: **Pawnee - Ft Scott**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 02:53:30

Time Test Ended: 07:10:30

Test Type: Conventional Bottom Hole (Reset)

Tester: Brandon Turley

Unit No: 79

Interval: 4448.00 ft (KB) To 4540.00 ft (KB) (TVD)

Reference Elevations: 2972.00 ft (KB)

Total Depth: 4540.00 ft (KB) (TVD)

2961.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 11.00 ft

Serial #: 8674 Outside

Press@RunDepth: 27.78 psig @ 4449.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2022.10.16

End Date:

2022.10.16

Last Calib.: 2022.10.16

Start Time: 00:30:35

End Time:

07:10:29

Time On Btm: 2022.10.16 @ 02:52:30

Time Off Btm: 2022.10.16 @ 04:55:00

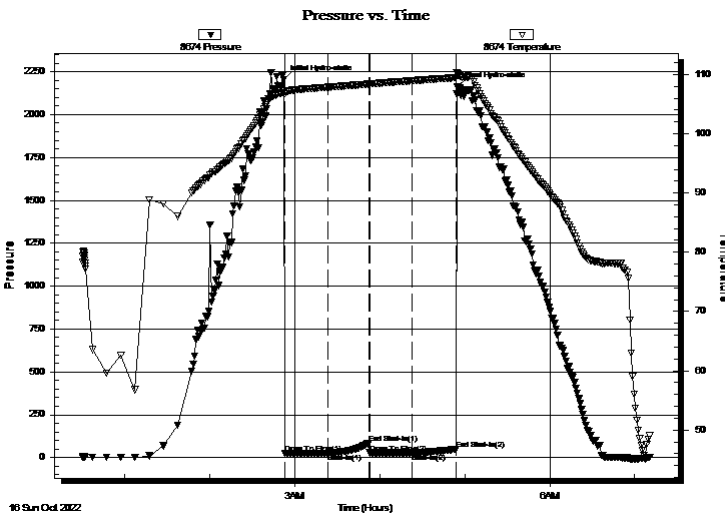
TEST COMMENT: IF: 1/2" blow that never built.

IS: No return.

FF: No blow.

FS: No return. 30s

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2205.78	107.31	Initial Hydro-static
1	25.35	106.80	Open To Flow (1)
31	25.93	107.87	Shut-In(1)
60	84.58	108.40	End Shut-In(1)
61	27.12	108.40	Open To Flow (2)
91	27.78	108.98	Shut-In(2)
122	48.79	109.48	End Shut-In(2)
123	2164.68	110.18	Final Hydro-static

Recovery

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

* Recovery from multiple tests

Gas Rates

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



DRILL STEM TEST REPORT

Palomino Petroleum

For What It's Worth #1

4924 SE 84th St
New ton KS 67114

30-20s-33w Scott,KS

ATTN: Andrew Stenzel

Job Ticket: 69226

DST#: 3

Test Start: 2022.10.16 @ 00:30:30

GENERAL INFORMATION:

Formation: **Pawnee - Ft Scott**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 02:53:30

Time Test Ended: 07:10:30

Test Type: Conventional Bottom Hole (Reset)

Tester: Brandon Turley

Unit No: 79

Interval: 4448.00 ft (KB) To 4540.00 ft (KB) (TVD)

Total Depth: 4540.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2972.00 ft (KB)

2961.00 ft (CF)

KB to GR/CF: 11.00 ft

Serial #: 8790

Inside

Press@RunDepth: psig @ 4449.00 ft (KB)

Start Date: 2022.10.16

End Date:

2022.10.16

Capacity: 8000.00 psig

Last Calib.:

2022.10.16

Start Time: 00:30:44

End Time:

07:10:38

Time On Btm:

Time Off Btm:

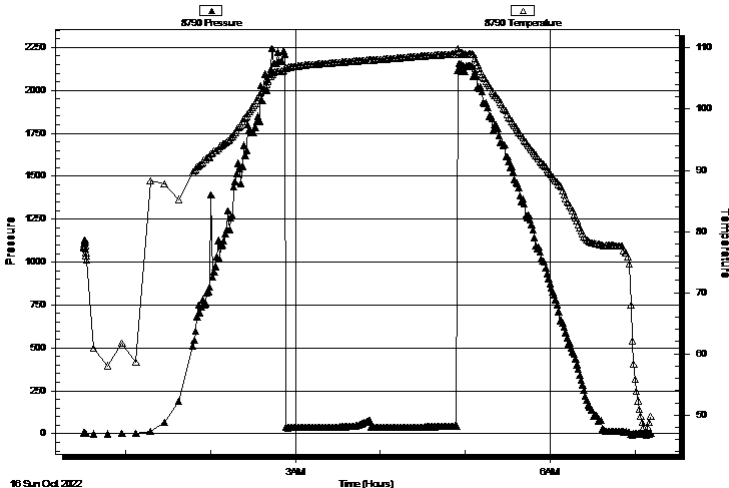
TEST COMMENT: IF: 1/2" blow that never built.

IS: No return.

FF: No blow.

FS: No return. 30s

Pressure vs. Time



PRESSURE SUMMARY

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

Recovery

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

For What It's Worth #1

4924 SE 84th St
New ton KS 67114

30-20s-33w Scott,KS

Job Ticket: 69226

DST#: 3

ATTN: Andrew Stenzel

Test Start: 2022.10.16 @ 00:30:30

Tool Information

Drill Pipe:	Length: 3910.00 ft	Diameter: 3.80 inches	Volume: 54.85 bbl	Tool Weight:	2500.00 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: 515.00 ft	Diameter: 2.25 inches	Volume: 2.53 bbl	Weight to Pull Loose:	80000.00 lb
			<u>Total Volume: 57.38 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	6.00 ft			String Weight: Initial	65000.00 lb
Depth to Top Packer:	4448.00 ft			Final	65000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	92.00 ft				
Tool Length:	121.00 ft				
Number of Packers:	2	Diameter: 875.00 inches			
Tool Comments:					

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
------------------	-------------	------------	----------	------------	----------------

Stubb	1.00		Fluid	4420.00	
Shut In Tool	5.00			4425.00	
Hydraulic tool	5.00			4430.00	
Jars	5.00			4435.00	
EM Tool	2.00			4437.00	
Safety Joint	2.00			4439.00	
Packer	5.00			4444.00	29.00 Bottom Of Top Packer
Packer	4.00			4448.00	
Stubb	1.00			4449.00	
Recorder	0.00	8790	Inside	4449.00	
Recorder	0.00	8674	Outside	4449.00	
Perforations	23.00			4472.00	
Change Over Sub	1.00			4473.00	
Drill Pipe	63.00			4536.00	
Change Over Sub	1.00			4537.00	
Bullnose	3.00			4540.00	92.00 Bottom Packers & Anchor
Total Tool Length:	121.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Palomino Petroleum

For What It's Worth #1

4924 SE 84th St
New ton KS 67114

30-20s-33w Scott,KS

Job Ticket: 69226

DST#: 3

ATTN: Andrew Stenzel

Test Start: 2022.10.16 @ 00:30:30

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 49.00 sec/qt

Cushion Volume:

bbf

Water Loss: 7.99 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 3600.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbf
5.00	mud 100%m	0.025

Total Length: 5.00 ft Total Volume: 0.025 bbf

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

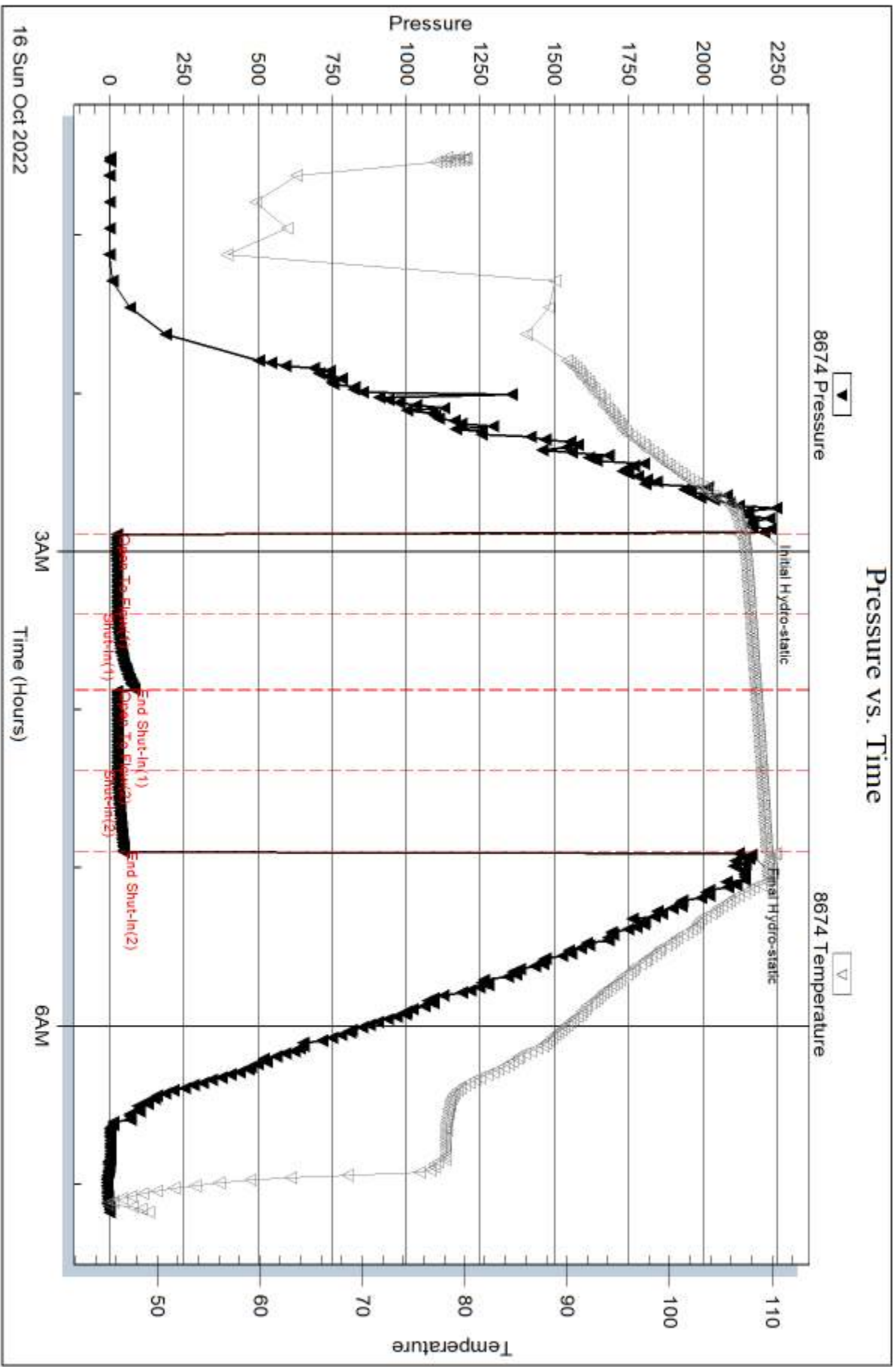
Recovery Comments:

Serial #: 8674

Outside Palomino Petroleum

30-20s-33w Scott KS

DST Test Number: 3



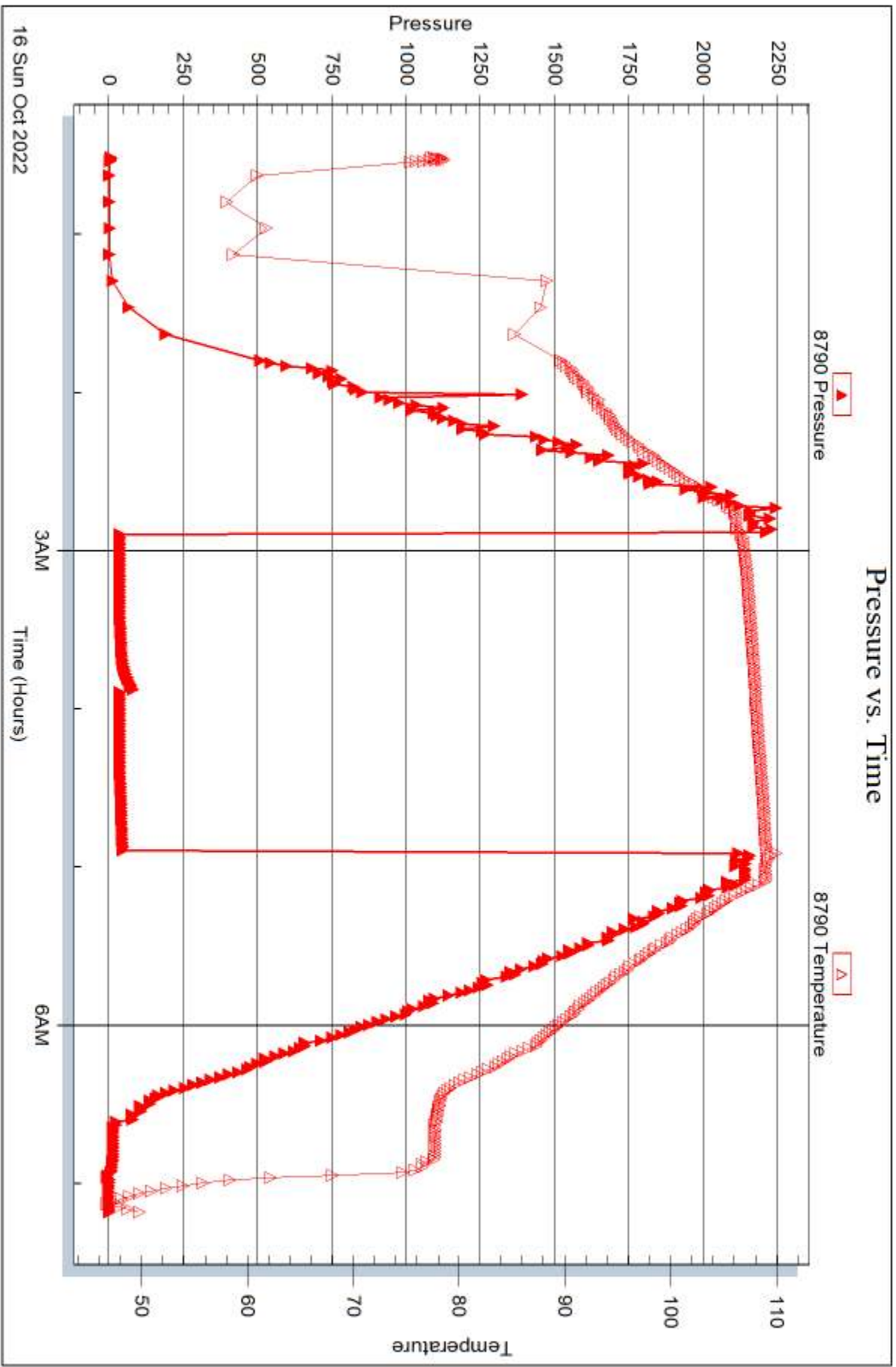
Serial #: 8790

Inside

Palomino Petroleum

30-20s-33w Scott KS

DST Test Number: 3





DRILL STEM TEST REPORT

Prepared For: **Palomino Petroleum**

4924 SE 84th St
Newton KS 67114

ATTN: Andrew Stenzel

30-20s-33w Scott,KS

For What It's Worth #1

Start Date: 2022.10.17 @ 16:12:38

End Date: 2022.10.18 @ 00:28:38

Job Ticket #: 69227 DST #: 4

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

Printed: 2022.10.19 @ 15:04:37

Palomino Petroleum

For What It's Worth #1

30-20s-33w Scott,KS

DST # 4

Cherokee Sand

2022.10.17



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Palomino Petroleum

For What It's Worth #1

4924 SE 84th St
New ton KS 67114

30-20s-33w Scott,KS

Job Ticket: 69227

DST#: 4

ATTN: Andrew Stenzel

Test Start: 2022.10.17 @ 16:12:38

GENERAL INFORMATION:

Formation: **Cherokee Sand**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 18:16:38

Time Test Ended: 00:28:38

Test Type: Conventional Bottom Hole (Reset)

Tester: Brandon Turleu

Unit No: 79

Interval: 4496.00 ft (KB) To 4601.00 ft (KB) (TVD)

Reference Elevations: 2972.00 ft (KB)

Total Depth: 4861.00 ft (KB) (TVD)

2961.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 11.00 ft

Serial #: 8674 Outside

Press@RunDepth: 308.23 psig @ 4497.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2022.10.17 End Date: 2022.10.18

Last Calib.: 2022.10.18

Start Time: 16:12:43 End Time: 00:28:37

Time On Btm: 2022.10.17 @ 18:16:08

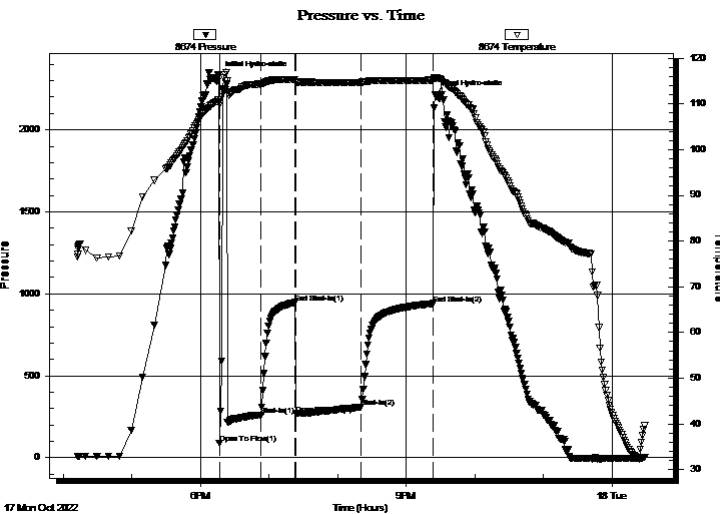
Time Off Btm: 2022.10.17 @ 21:25:38

TEST COMMENT: IF: Opened tool lost packer seat at 2 mins. Reset 3/4" blow built to BOB in 22 mins. 12 1/2"

IS: Surface blow built to 3/4"

FF: BOB in 16 mins. 35"

FS: 9" return. 30-30-60-60



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2330.46	110.85	Initial Hydro-static
1	89.89	109.95	Open To Flow (1)
37	259.02	114.36	Shut-In(1)
67	946.85	115.34	End Shut-In(1)
68	268.19	114.90	Open To Flow (2)
125	308.23	114.73	Shut-In(2)
188	940.06	115.17	End Shut-In(2)
190	2212.12	115.67	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
237.00	mco 20%g 60%o 20%m	1.17
189.00	gocm 10%g 40%o 50%m	2.65
214.00	ocm 5%o 95%m	3.00
0.00	189 GIP	0.00

* Recovery from multiple tests

Gas Rates

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



DRILL STEM TEST REPORT

Palomino Petroleum

For What It's Worth #1

4924 SE 84th St
New ton KS 67114

30-20s-33w Scott,KS

ATTN: Andrew Stenzel

Job Ticket: 69227

DST#: 4

Test Start: 2022.10.17 @ 16:12:38

GENERAL INFORMATION:

Formation: **Cherokee Sand**

Deviated: No Whipstock: ft (KB) Test Type: Conventional Bottom Hole (Reset)

Time Tool Opened: 18:16:38 Tester: Brandon Turleu

Time Test Ended: 00:28:38 Unit No: 79

Interval: 4496.00 ft (KB) To 4601.00 ft (KB) (TVD) Reference Elevations: 2972.00 ft (KB)

Total Depth: 4861.00 ft (KB) (TVD) 2961.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good KB to GR/CF: 11.00 ft

Serial #: 8790 Inside

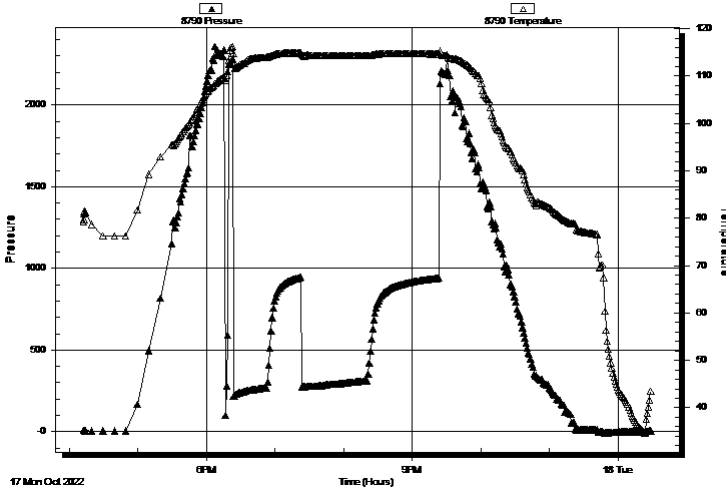
Press@RunDepth: psig @ 4497.00 ft (KB) Capacity: 8000.00 psig

Start Date: 2022.10.17 End Date: 2022.10.18 Last Calib.: 2022.10.18

Start Time: 16:12:34 End Time: 00:28:28 Time On Btm: Time Off Btm:

TEST COMMENT: IF: Opened tool lost packer seat at 2 mins. Reset 3/4" blow built to BOB in 22 mins. 12 1/2"
IS: Surface blow built to 3/4"
FF: BOB in 16 mins. 35"
FS: 9" return. 30-30-60-60

Pressure vs. Time



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
237.00	mco 20%g 60%o 20%m	1.17
189.00	gocm 10%g 40%o 50%m	2.65
214.00	ocm 5%o 95%m	3.00
0.00	189 GIP	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

4924 SE 84th St
New ton KS 67114

ATTN: Andrew Stenzel

For What It's Worth #1

30-20s-33w Scott,KS

Job Ticket: 69227

DST#: 4

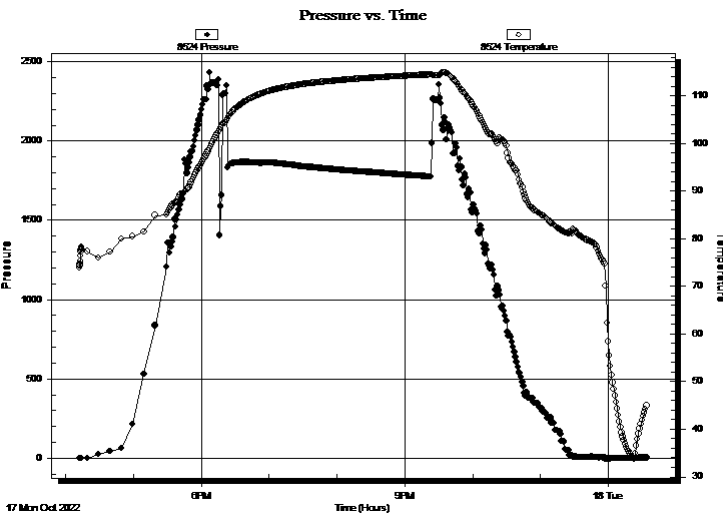
Test Start: 2022.10.17 @ 16:12:38

GENERAL INFORMATION:

Formation:	Cherokee Sand		
Deviated:	No Whipstock:	ft (KB)	Test Type: Conventional Bottom Hole (Reset)
Time Tool Opened:	18:16:38		Tester: Brandon Turleu
Time Test Ended:	00:28:38		Unit No: 79
Interval:	4496.00 ft (KB) To 4601.00 ft (KB) (TVD)		Reference Elevations: 2972.00 ft (KB)
Total Depth:	4861.00 ft (KB) (TVD)		2961.00 ft (CF)
Hole Diameter:	7.88 inches	Hole Condition: Good	KB to GR/CF: 11.00 ft

Serial #: 8524	Below (Straddle)			
Press@RunDepth:	psig @	4602.00 ft (KB)	Capacity:	8000.00 psig
Start Date:	2022.10.17	End Date:	2022.10.18	Last Calib.: 2022.10.18
Start Time:	16:12:06	End Time:	00:34:00	Time On Btm:
				Time Off Btm:

TEST COMMENT: IF: Opened tool lost packer seat at 2 mins. Reset 3/4" blow built to BOB in 22 mins. 12 1/2"
 IS: Surface blow built to 3/4"
 FF: BOB in 16 mins. 35"
 FS: 9" return. 30-30-60-60



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
237.00	mco 20%g 60%o 20%m	1.17
189.00	gocm 10%g 40%o 50%m	2.65
214.00	ocm 5%o 95%m	3.00
0.00	189 GIP	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

For What It's Worth #1

4924 SE 84th St
New ton KS 67114

30-20s-33w Scott,KS

Job Ticket: 69227

DST#: 4

ATTN: Andrew Stenzel

Test Start: 2022.10.17 @ 16:12:38

Tool Information

Drill Pipe:	Length: 4249.00 ft	Diameter: 3.80 inches	Volume: 59.60 bbl	Tool Weight:	2500.00 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: 237.00 ft	Diameter: 2.25 inches	Volume: 1.17 bbl	Weight to Pull Loose:	85000.00 lb
			<u>Total Volume: 60.77 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	20.00 ft			String Weight: Initial	75000.00 lb
Depth to Top Packer:	4496.00 ft			Final	78000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	365.00 ft				
Tool Length:	395.00 ft				
Number of Packers:	2	Diameter: 875.00 inches			
Tool Comments:					

Tool Description

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

Stubb	1.00		Fluid	4467.00		
Shut In Tool	5.00			4472.00		
Hydraulic tool	5.00			4477.00		
Jars	5.00			4482.00		
EM Tool	3.00			4485.00		
Safety Joint	2.00			4487.00		
Packer	5.00			4492.00	30.00	Bottom Of Top Packer
Packer	4.00			4496.00		
Stubb	1.00			4497.00		
Recorder	0.00	8790	Inside	4497.00		
Recorder	0.00	8674	Outside	4497.00		
Perforations	2.00			4499.00		
Change Over Sub	1.00			4500.00		
Drill Pipe	94.00			4594.00		
Change Over Sub	1.00			4595.00		
Perforations	1.00			4596.00		
Blank Off Sub	1.00			4597.00		
Packer - Shale	4.00			4601.00		
Stubb	1.00			4602.00		
Recorder	0.00	8524	Below	4602.00		
Change Over Sub	1.00			4603.00		
Drill Pipe	254.00			4857.00		
Change Over Sub	1.00			4858.00		
Bullnose	3.00			4861.00	365.00	Bottom Packers & Anchor
Total Tool Length:	395.00					



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Palomino Petroleum

For What It's Worth #1

4924 SE 84th St
New ton KS 67114

30-20s-33w Scott,KS

Job Ticket: 69227

DST#: 4

ATTN: Andrew Stenzel

Test Start: 2022.10.17 @ 16:12:38

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: 57.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.99 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 4200.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
237.00	mcgo 20%g 60%o 20%m	1.166
189.00	gocm 10%g 40%o 50%m	2.651
214.00	ocm 5%o 95%m	3.002
0.00	189 GIP	0.000

Total Length: 640.00 ft

Total Volume: 6.819 bbl

Num Fluid Samples: 0

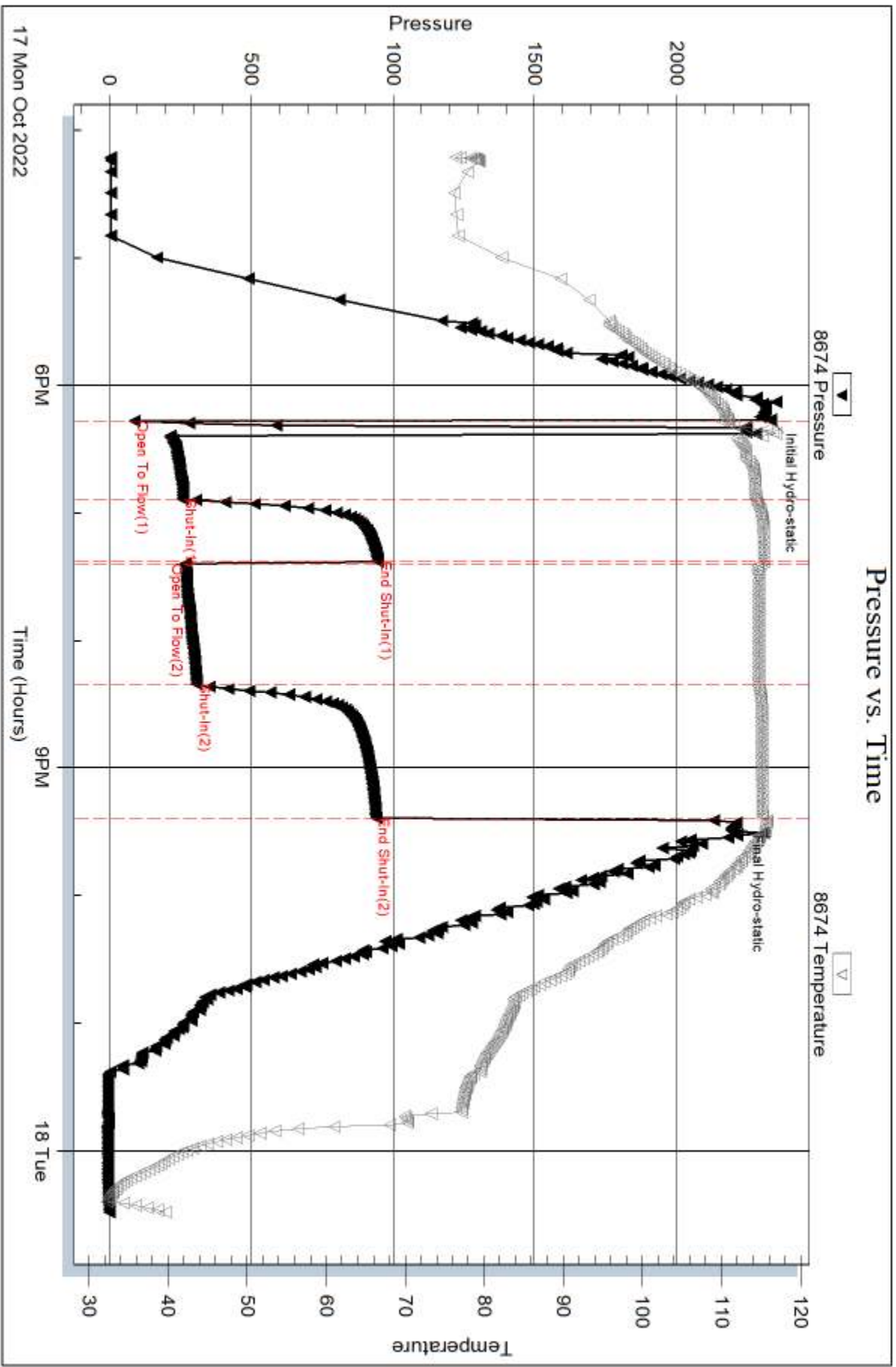
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



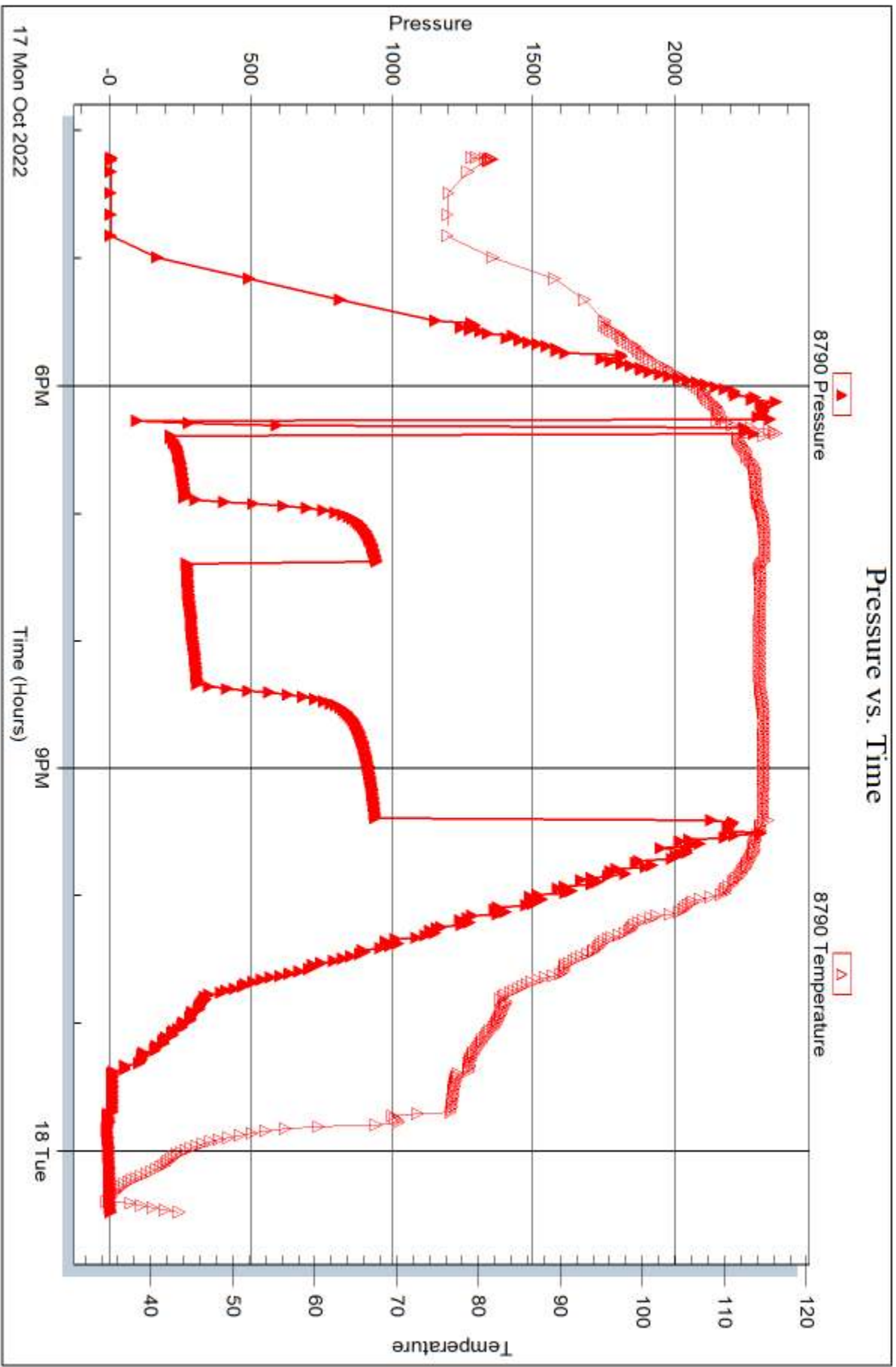
Serial #: 8790

Inside

Palomino Petroleum

30-20s-33w Scott KS

DST Test Number: 4

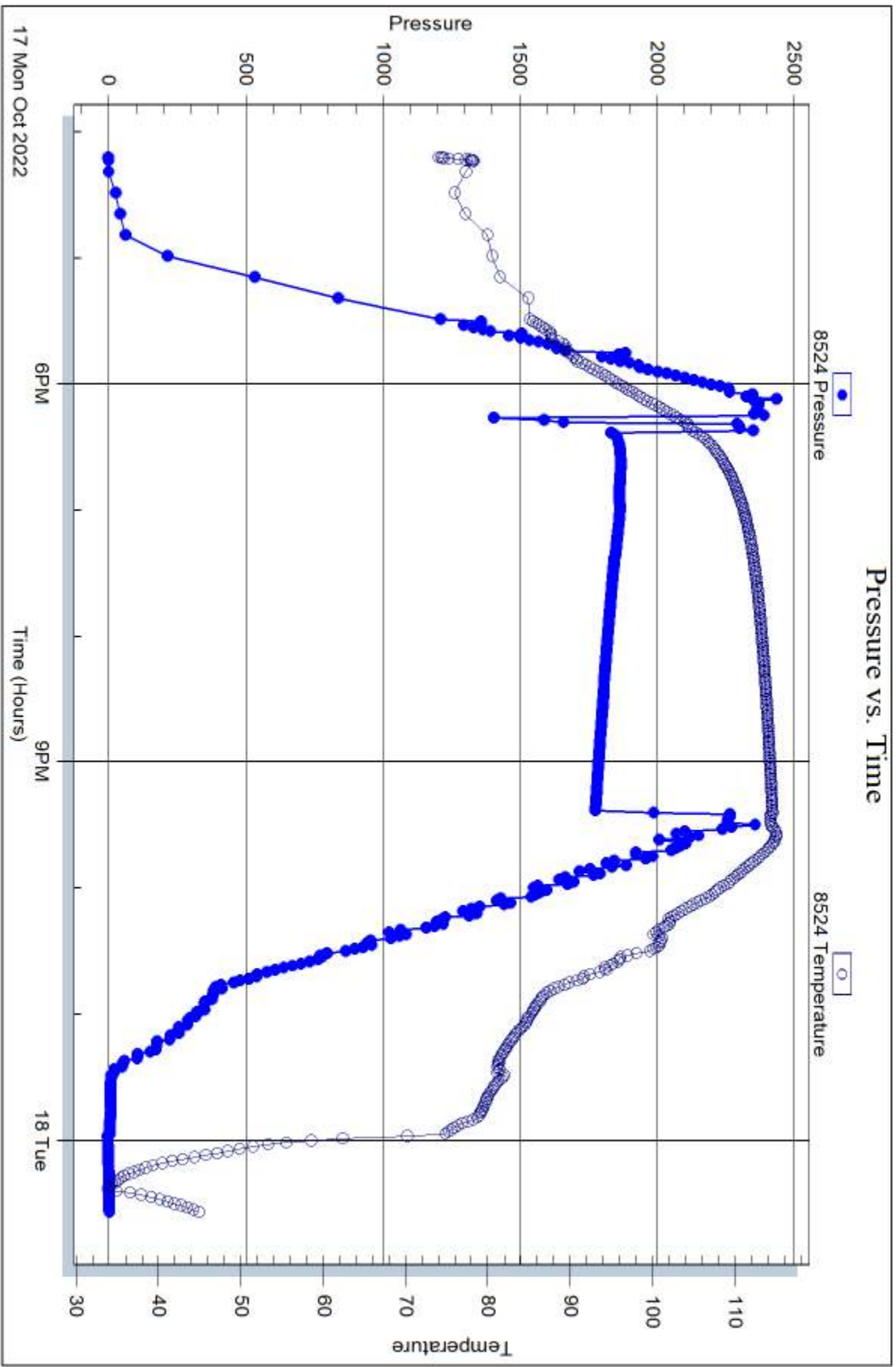


Serial #: 8524

Below (Str Rattenho Petroleum

30-20s-33w Scott KS

DST Test Number: 4



Trilobite Testing, Inc

Ref. No: 69227

Printed: 2022.10.19 @ 15:04:38



DRILL STEM TEST REPORT

Prepared For: **Palomino Petroleum**

4924 SE 84th St
Newton KS 67114

ATTN: Andrew Stenzel

30-20s-33w Scott,KS

For What It's Worth #1

Start Date: 2022.10.18 @ 00:51:28

End Date: 2022.10.18 @ 07:45:15

Job Ticket #: 69288 DST #: 5

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

Printed: 2022.10.19 @ 15:03:47



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Palomino Petroleum

For What It's Worth #1

4924 SE 84th St
New ton KS 67114

30-20s-33w Scott,KS

Job Ticket: 69288

DST#: 5

ATTN: Andrew Stenzel

Test Start: 2022.10.18 @ 00:51:28

GENERAL INFORMATION:

Formation: **Morrow**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 02:59:46

Time Test Ended: 07:45:15

Test Type: Conventional Bottom Hole (Reset)

Tester: Brandon Turley

Unit No: 79

Interval: 4601.00 ft (KB) To 4757.00 ft (KB) (TVD)

Reference Elevations: 2972.00 ft (KB)

Total Depth: 4861.00 ft (KB) (TVD)

2961.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 11.00 ft

Serial #: 8674 Outside

Press@RunDepth: 290.85 psig @ 4602.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2022.10.18

End Date:

2022.10.18

Last Calib.:

2022.10.18

Start Time: 00:51:51

End Time:

07:45:15

Time On Btm:

2022.10.18 @ 02:57:16

Time Off Btm:

2022.10.18 @ 04:44:16

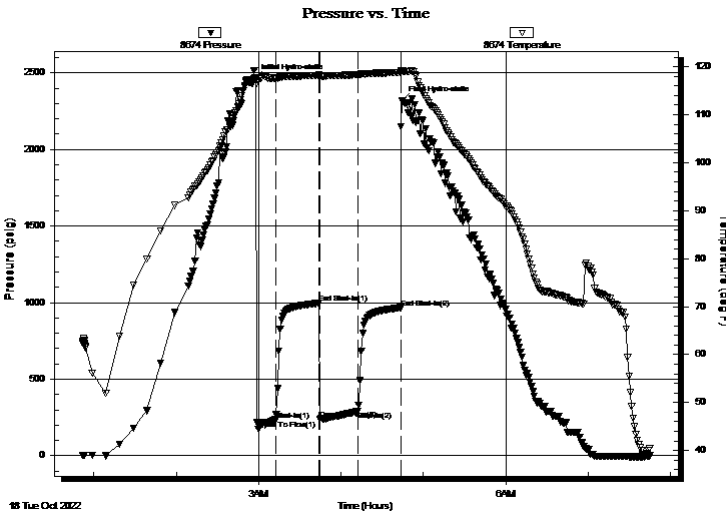
TEST COMMENT: IF: BOB in 4 mins. 26"

IS: 1 1/2" return.

FF: BOB in 7 mins. 55"

FS: BOB in 8 mins. 20" 15-30-30-30

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2465.48	117.58	Initial Hydro-static
3	175.23	117.17	Open To Flow (1)
15	235.26	117.62	Shut-In(1)
47	997.15	118.24	End Shut-In(1)
48	240.05	118.00	Open To Flow (2)
75	290.85	118.34	Shut-In(2)
106	966.63	118.81	End Shut-In(2)
107	2316.41	119.19	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
237.00	gocm 20%g 20%o 60%m	1.17
126.00	mogo 30%g 40%o 30%m	1.77
157.00	ocm 10%g 90%m	2.20
0.00	740 GIP	0.00

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Palomino Petroleum

For What It's Worth #1

4924 SE 84th St
New ton KS 67114

30-20s-33w Scott,KS

ATTN: Andrew Stenzel

Job Ticket: 69288

DST#: 5

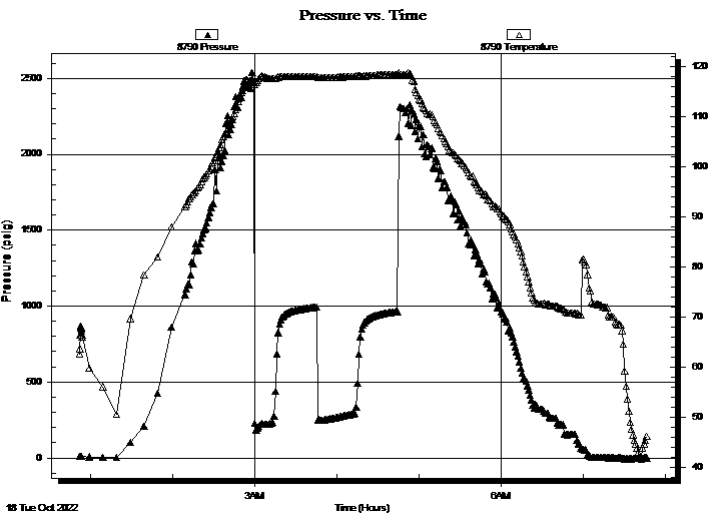
Test Start: 2022.10.18 @ 00:51:28

GENERAL INFORMATION:

Formation: **Morrow**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 02:59:46
 Time Test Ended: 07:45:15
 Interval: **4601.00 ft (KB) To 4757.00 ft (KB) (TVD)**
 Total Depth: 4861.00 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: 2972.00 ft (KB)
 2961.00 ft (CF)
 KB to GR/CF: 11.00 ft

Serial #: 8790 **Inside**
 Press@RunDepth: psig @ 4602.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2022.10.18 End Date: 2022.10.18 Last Calib.: 2022.10.18
 Start Time: 00:52:04 End Time: 07:46:28 Time On Btm:
 Time Off Btm:

TEST COMMENT: IF: BOB in 4 mins. 26"
 IS: 1 1/2" return.
 FF: BOB in 7 mins. 55"
 FS: BOB in 8 mins. 20" 15-30-30-30



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
237.00	gocm 20%g 20%o 60%m	1.17
126.00	mcgo 30%g 40%o 30%m	1.77
157.00	ocm 10%g 90%m	2.20
0.00	740 GIP	0.00

* Recovery from multiple tests

Gas Rates

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



DRILL STEM TEST REPORT

Palomino Petroleum

For What It's Worth #1

4924 SE 84th St
New ton KS 67114

30-20s-33w Scott,KS

ATTN: Andrew Stenzel

Job Ticket: 69288 **DST#: 5**
Test Start: 2022.10.18 @ 00:51:28

GENERAL INFORMATION:

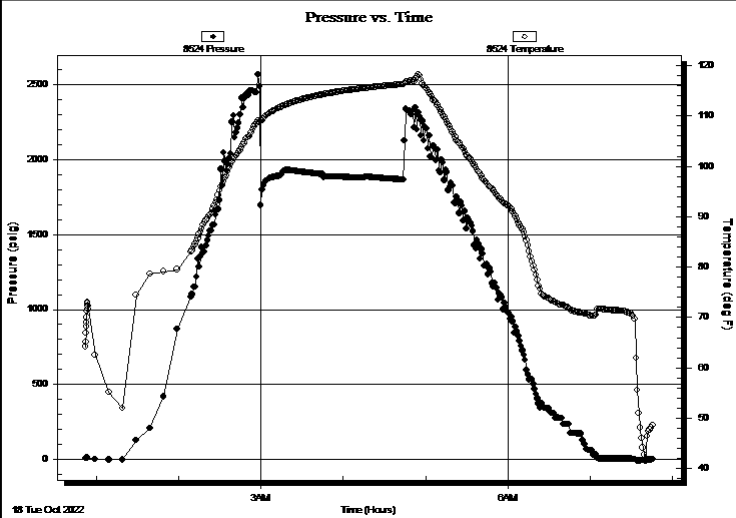
Formation: **Morrow**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Reset)
 Time Tool Opened: 02:59:46
 Tester: Brandon Turley
 Time Test Ended: 07:45:15
 Unit No: 79

Interval: **4601.00 ft (KB) To 4757.00 ft (KB) (TVD)**
 Reference Elevations: 2972.00 ft (KB)
 Total Depth: 4861.00 ft (KB) (TVD)
 2961.00 ft (CF)
 Hole Diameter: 7.88 inches
 Hole Condition: Good
 KB to GR/CF: 11.00 ft

Serial #: 8524 Below (Straddle)

Press@RunDepth: psig @ 4762.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2022.10.18 End Date: 2022.10.18 Last Calib.: 2022.10.18
 Start Time: 00:51:52 End Time: 07:46:16 Time On Btm:
 Time Off Btm:

TEST COMMENT: IF: BOB in 4 mins. 26"
 IS: 1 1/2" return.
 FF: BOB in 7 mins. 55"
 FS: BOB in 8 mins. 20" 15-30-30-30



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
237.00	gocm 20%g 20%o 60%m	1.17
126.00	mcgo 30%g 40%o 30%m	1.77
157.00	ocm 10%g 90%m	2.20
0.00	740 GIP	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

For What It's Worth #1

4924 SE 84th St
New ton KS 67114

30-20s-33w Scott,KS

Job Ticket: 69288

DST#: 5

ATTN: Andrew Stenzel

Test Start: 2022.10.18 @ 00:51:28

Tool Information

Drill Pipe:	Length: 4344.00 ft	Diameter: 3.80 inches	Volume: 60.93 bbl	Tool Weight: 2500.00 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: 237.00 ft	Diameter: 2.25 inches	Volume: 1.17 bbl	Weight to Pull Loose: 80000.00 lb
			<u>Total Volume: 62.10 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	10.00 ft			String Weight: Initial 75000.00 lb
Depth to Top Packer:	4601.00 ft			Final 78000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	260.00 ft			
Tool Length:	290.00 ft			
Number of Packers:	2	Diameter: 875.00 inches		
Tool Comments:				

Tool Description

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

Stubb	1.00		Fluid	4572.00	
Shut In Tool	5.00			4577.00	
Hydraulic tool	5.00			4582.00	
Jars	5.00			4587.00	
EM Tool	3.00			4590.00	
Safety Joint	2.00			4592.00	
Packer	5.00			4597.00	30.00 Bottom Of Top Packer
Packer	4.00			4601.00	
Stubb	1.00			4602.00	
Recorder	0.00	8790	Inside	4602.00	
Recorder	0.00	8674	Outside	4602.00	
Perforations	5.00			4607.00	
Change Over Sub	1.00			4608.00	
Drill Pipe	126.00			4734.00	
Change Over Sub	1.00			4735.00	
Perforations	17.00			4752.00	
Blank Off Sub	1.00			4753.00	
Packer - Shale	4.00			4757.00	
Stubb	1.00			4758.00	
Perforations	4.00			4762.00	
Recorder	0.00	8524	Below	4762.00	
Change Over Sub	1.00			4763.00	
Drill Pipe	94.00			4857.00	
Change Over Sub	1.00			4858.00	
Bullnose	3.00			4861.00	260.00 Bottom Packers & Anchor

Total Tool Length: 290.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Palomino Petroleum

For What It's Worth #1

4924 SE 84th St
New ton KS 67114

30-20s-33w Scott,KS

Job Ticket: 69288

DST#: 5

ATTN: Andrew Stenzel

Test Start: 2022.10.18 @ 00:51:28

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: 57.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.99 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 4200.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
237.00	gocm 20%g 20%o 60%m	1.166
126.00	mcgo 30%g 40%o 30%m	1.767
157.00	ocm 10%g 90%m	2.202
0.00	740 GIP	0.000

Total Length: 520.00 ft

Total Volume: 5.135 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

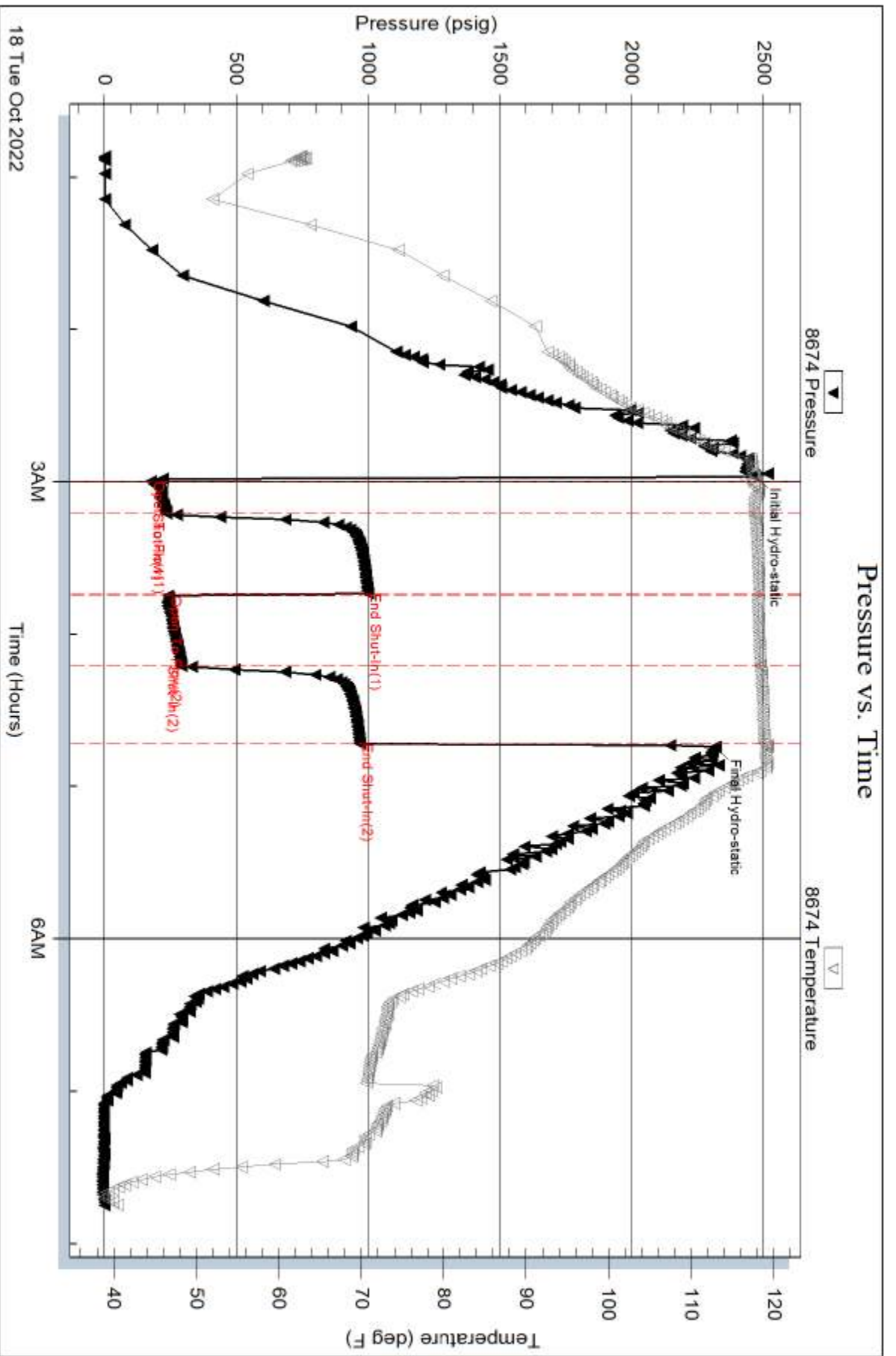
Recovery Comments:

Serial #: 8674

Outside Palomino Petroleum

30-20s-33w Scott KS

DST Test Number: 5



Triobite Testing, Inc

Ref. No: 69288

Printed: 2022.10.19 @ 15:03:47

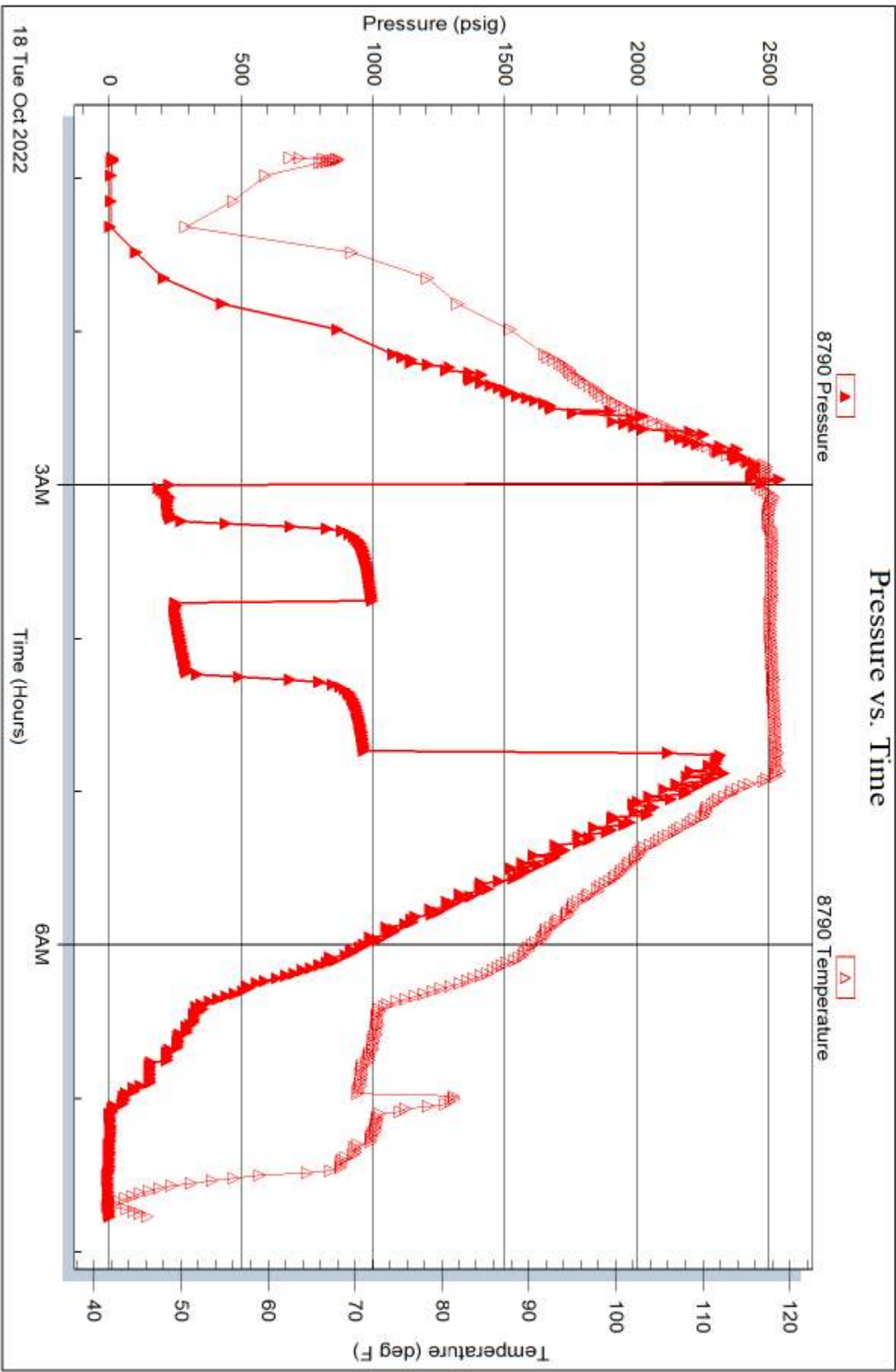
Serial #: 8790

Inside

Palomino Petroleum

30-20s-33w Scott KS

DST Test Number: 5



Trilobite Testing, Inc

Ref. No: 69288

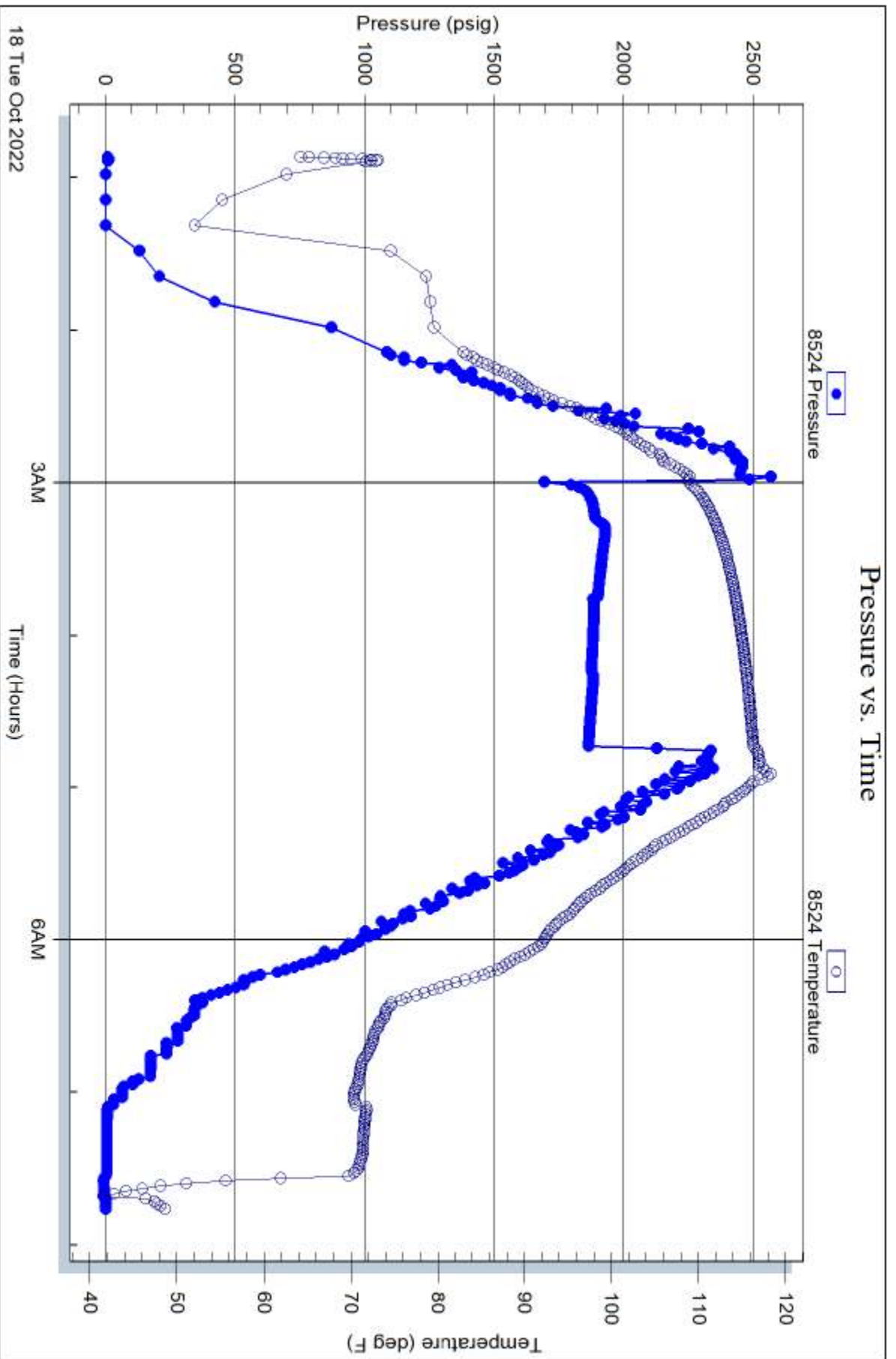
Printed: 2022.10.19 @ 15:03:48

Serial #: 8524

Below (Str Rattenho Petroleum

30-20s-33w Scott KS

DST Test Number: 5



Trilobite Testing, Inc

Ref. No: 69288

Printed: 2022.10.19 @ 15:03:48



TRIBOLITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 69186

Well Name & No. For What It's Worth #1 Test No. 1 Date 10/12/2022
 Company Palomino Petroleum Elevation 2972 KB 2961 GL
 Address Newton Ks
 Co. Rep / Geo. Andrew Stenzel Rig Murkin 21
 Location: Sec. 16 Twp 17s Rge. 37W Co. Wichita State Ks

Interval Tested 2595-2805 Zone Tested Krider
 Anchor Length 210' Drill Pipe Run 2056 Mud Wt. 9.7
 Top Packer Depth 2590 Drill Collars Run SIS Vis 30
 Bottom Packer Depth 2595 Wt. Pipe Run — WL —
 Total Depth 2805 Chlorides 42000 ppm System LCM 1#
 Blow Description IF 8" blow
ISI No return.
FF 4" blow
FSI No return.

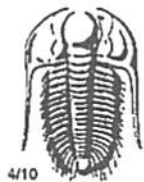
Rec	Feet of	%gas	%oil	%water	%mud
<u>150</u>	<u>Mod</u>			<u>100</u>	
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 150 BHT 87 Gravity — API RW — @ — F Chlorides — ppm

(A) Initial Hydrostatic <u>1323</u>	<input checked="" type="checkbox"/> Test 1800	T-On Location <u>0900</u>
(B) First Initial Flow <u>50</u>	<input checked="" type="checkbox"/> Jars 300	T-Started <u>1050</u>
(C) First Final Flow <u>78</u>	<input checked="" type="checkbox"/> Safety Joint	T-Open <u>1249</u>
(D) Initial Shut-In <u>531</u>	<input type="checkbox"/> Circ Sub	T-Pulled <u>1500</u>
(E) Second Initial Flow <u>83</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>1647</u>
(F) Second Final Flow <u>107</u>	<input checked="" type="checkbox"/> Mileage <u>76 LT</u> ¹³³	Comments _____
(G) Final Shut-In <u>488</u>	<input type="checkbox"/> Sampler	<input type="checkbox"/> EM Tool
(H) Final Hydrostatic <u>1283</u>	<input type="checkbox"/> Straddle	<input type="checkbox"/> Ruined Shale Packer
Initial Open <u>30</u>	<input type="checkbox"/> Shale Packer	<input type="checkbox"/> Ruined Packer
Initial Shut-In <u>30</u>	<input type="checkbox"/> Extra Packer	<input type="checkbox"/> Extra Copies
Final Flow <u>30</u>	<input type="checkbox"/> Extra Recorder	Sub Total <u>0</u>
Final Shut-In <u>30</u>	<input type="checkbox"/> Day Standby	Total <u>2233</u>
	<input type="checkbox"/> Accessibility	MP/DST Disc't _____
	Sub Total <u>2233</u>	

Approved By _____ Our Representative _____

Tribolite 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. 69150

Well Name & No. For What Its Worth #1 Test No. 2 Date 10-15-22
 Company Palomino Petroleum Inc Elevation 2972 KB 2961 GL
 Address _____
 Co. Rep / Geo. Ryan Seib Rig Murfin 21
 Location: Sec. 30 Twp 20S Rge. 33W Co. Scott State KS

Interval Tested 4343 4450 Zone Tested Marmaton
 Anchor Length _____ 107 Drill Pipe Run 4093 Mud Wt. 8.9
 Top Packer Depth _____ 4338 Drill Collars Run 237 Vls 47
 Bottom Packer Depth _____ 4343 Wt. Pipe Run _____ WL 8.0
 Total Depth _____ 4450 Chlorides 5500 ppm System LCM 2

Blow Description IF: 1/2 blow built to 4.
FS: NO return.
FF: 1/4 blow built to 3.
FS: NO return.

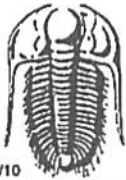
Rec	Feet of	%gas	%oil	%water	%mud
<u>130</u>	<u>ocm</u>	<u>10</u>		<u>95</u>	
Rec _____	Feet of _____	%gas _____	%oil _____	%water _____	%mud _____
Rec _____	Feet of _____	%gas _____	%oil _____	%water _____	%mud _____
Rec _____	Feet of _____	%gas _____	%oil _____	%water _____	%mud _____
Rec _____	Feet of _____	%gas _____	%oil _____	%water _____	%mud _____

Rec Total 130 BHT 107 Gravity _____ API RW _____ @ _____ ° F Chlorides _____ ppm

(A) Initial Hydrostatic 2294 Test 1950 T-On Location 5:40
 (B) First Initial Flow 29 Jars 300 T-Started 7:05
 (C) First Final Flow 63 Safety Joint _____ T-Open 9:08
 (D) Initial Shut-In 876 Circ Sub NCL T-Pulled 11:08
 (E) Second Initial Flow 69 Hourly Standby _____ T-Out 13:05
 (F) Second Final Flow 87 Mileage 26- 133 Comments _____
 (G) Final Shut-In 784 Sampler _____
 (H) Final Hydrostatic 2151 Straddle _____

Initial Open 30 EM Tool _____
 Initial Shut-In 30 Ruined Shale Packer _____
 Final Flow 30 Ruined Packer _____
 Final Shut-In 30 Extra Packer _____
 Extra Recorder _____
 Day Standby _____
 Accessibility _____
 Sub Total 2383 Sub Total _____
 Total 2383 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. 69226

Well Name & No. For what its worth 1 Test No. 3 Date 10-15-22
 Company Perlomino Petroleum INC Elevation 2972 KB 2961 GL
 Address _____
 Co. Rep / Geo. Ryan Seib Rig Murfin 21
 Location: Sec. 30 Twp 20S Rge. 33W Co. Scott State KS

Interval Tested 4448 4540 Zone Tested P&Wnee Ft Scott
 Anchor Length 92 Drill Pipe Run 3910 Mud Wt. 9.3
 Top Packer Depth 4443 Drill Collars Run 237 Vis 49
 Bottom Packer Depth 4448 Wt. Pipe Run _____ WL 8.0
 Total Depth 4540 Chlorides 3600 ppm System LCM 2

Blow Description IF! 1/2 blow never built
IS! No return,
FK! No blow,
FS! No return,

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

Rec Total 5 BHT 109 Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic <u>2205</u>	<input checked="" type="checkbox"/> Test 1950	T-On Location <u>23:30</u>
(B) First Initial Flow <u>25</u>	<input checked="" type="checkbox"/> Jars 300	T-Started <u>00:30</u>
(C) First Final Flow <u>25</u>	<input checked="" type="checkbox"/> Safety Joint _____	T-Open <u>2:53</u>
(D) Initial Shut-In <u>84</u>	<input checked="" type="checkbox"/> Circ Sub <u>NIC</u>	T-Pulled <u>4:53</u>
(E) Second Initial Flow <u>27</u>	<input type="checkbox"/> Hourly Standby _____	T-Out <u>7:12</u>
(F) Second Final Flow <u>27</u>	<input checked="" type="checkbox"/> Mileage <u>26</u> - 133	Comments _____
(G) Final Shut-In <u>48</u>	<input type="checkbox"/> Sampler _____	_____
(H) Final Hydrostatic <u>2169</u>	<input type="checkbox"/> Straddle _____	<input checked="" 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 type="checkbox"/> Day Standby _____	Sub Total <u>0</u>
	<input type="checkbox"/> Accessibility _____	Total <u>2383</u>
	Sub Total <u>2383</u>	MP/DST Disc't _____

Approved By _____ Our Representative _____

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TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 69227

Well Name & No. For what its worth #1 Test No. 4 Date 10-17-22
 Company Palomino Petroleum Elevation 2972 KB 2961 GL
 Address _____
 Co. Rep / Geo. Aym Seib Rig Murfin 21
 Location: Sec. 30 Twp 20S Rge. 33W Co. Scott State KS

Interval Tested 4496 4601 Zone Tested Cherokee sand
 Anchor Length 105 Drill Pipe Run 4249 Mud Wt. 9.4
 Top Packer Depth 4496 Drill Collars Run 234 Vis 59
 Bottom Packer Depth 4601 Wt. Pipe Run _____ WL 8.0
 Total Depth 4860 Chlorides 4200 ppm System LCM 1

Blow Description IF: opened lost packer seat rt 2 mins. reset 1 3/4 blow built to BOB in 22 mins. 12 1/2" = IS! Surface blow built to 3/4.
FF: BOB in 16 mins. 35"
FS: 9" return.

Rec	Feet of	%gas	%oil	%water	%mud
<u>214</u>	<u>ocm</u>	<u>5</u>	<u>95</u>	<u>0</u>	<u>0</u>
<u>189</u>	<u>90cm</u>	<u>10</u>	<u>40</u>	<u>50</u>	<u>0</u>
<u>237</u>	<u>MC90</u>	<u>20</u>	<u>60</u>	<u>20</u>	<u>0</u>
<u>189</u>	<u>LIP</u>				

Rec Total 640 BHT 115 Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic 2330 Test 1950 T-On Location 14:30
 (B) First Initial Flow 89 Jars 300 T-Started 16:12
 (C) First Final Flow 259 Safety Joint _____ T-Open 18:22
 (D) Initial Shut-In 946 Circ Sub _____ T-Pulled 21:22
 (E) Second Initial Flow 268 Hourly Standby _____ T-Out 00:30
 (F) Second Final Flow 308 Mileage 26 133 Comments _____
 (G) Final Shut-In 940 Sampler _____
 (H) Final Hydrostatic 2212 Straddle 800 EM Tool _____
 Shale Packer 250 Ruined Shale Packer _____
 Extra Packer _____ Ruined Packer 460
 Extra Recorder _____ Extra Copies _____
 Day Standby 1d 7.25h Sub Total 241.67 +460
 Accessibility _____ Total 4134.67
 Sub Total 3433 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. 69228

Well Name & No. For what its worth #1 Test No. 5 Date 10-18-22
 Company Arlo Mining Elevation 2972 KB 2961 GL
 Address _____
 Co. Rep / Geo. Ryan Seib Rig Martin 21
 Location: Sec. 30 Twp 20S Rge. 33W Co. Scott State KS

Interval Tested 4601 4757 Zone Tested Morrow
 Anchor Length _____ Drill Pipe Run 4344 Mud Wt. 9.4
 Top Packer Depth _____ Drill Collars Run 237 Vls 57
 Bottom Packer Depth _____ Wt. Pipe Run _____ WL 8.0
 Total Depth 4861 Chlorides 4200 ppm System LCM 1

Blow Description IF: BoB in 4 mins. 26"
±B: 1 1/2 return.
FF: BoB in 7 mins. 55"
FS: BoB in 8 mins. 20"

Rec	Feet of	%gas	%oil	%water	%mud
<u>157</u>	<u>ocm</u>	<u>10</u>	<u>10</u>	<u>90</u>	
<u>126</u>	<u>Mc90</u>	<u>30</u>	<u>40</u>	<u>30</u>	
<u>237</u>	<u>90cm</u>	<u>20</u>	<u>20</u>	<u>60</u>	
Rec _____	Feet of <u>740 GIP</u>	%gas _____	%oil _____	%water _____	%mud _____
Rec _____	Feet of _____	%gas _____	%oil _____	%water _____	%mud _____

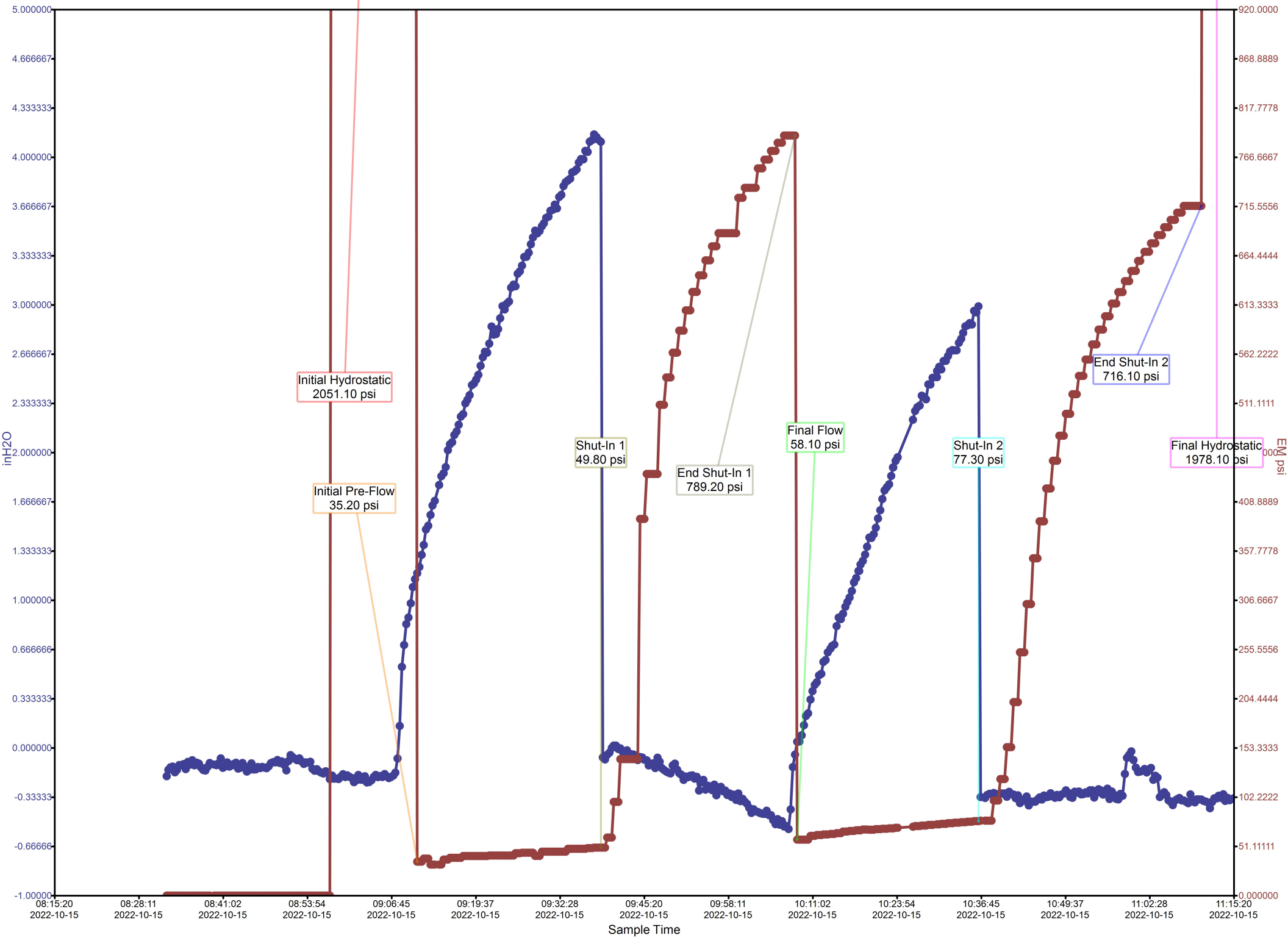
Rec Total 520 BHT 118 Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic 2465 Test 1950 T-On Location 14:36 10-17-22
 (B) First Initial Flow 175 Jars 300 T-Started 00:51
 (C) First Final Flow 235 Safety Joint _____ T-Open 2:58
 (D) Initial Shut-In 997 Circ Sub NIL T-Pulled 4:43
 (E) Second Initial Flow 240 Hourly Standby _____ T-Out 7:45
 (F) Second Final Flow 290 Mileage _____
 (G) Final Shut-In 966 Sampler _____
 (H) Final Hydrostatic 2316 Straddle 800 EM Tool -350
 Shale Packer 250 Ruined Shale Packer _____
 Extra Packer _____ Ruined Packer _____
 Extra Recorder _____ Extra Copies _____
 Day Standby _____ Sub Total -350
 Accessibility _____ Total 2950
 Sub Total 3300 MP/DST Disc't _____

Approved By _____ Our Representative [Signature]

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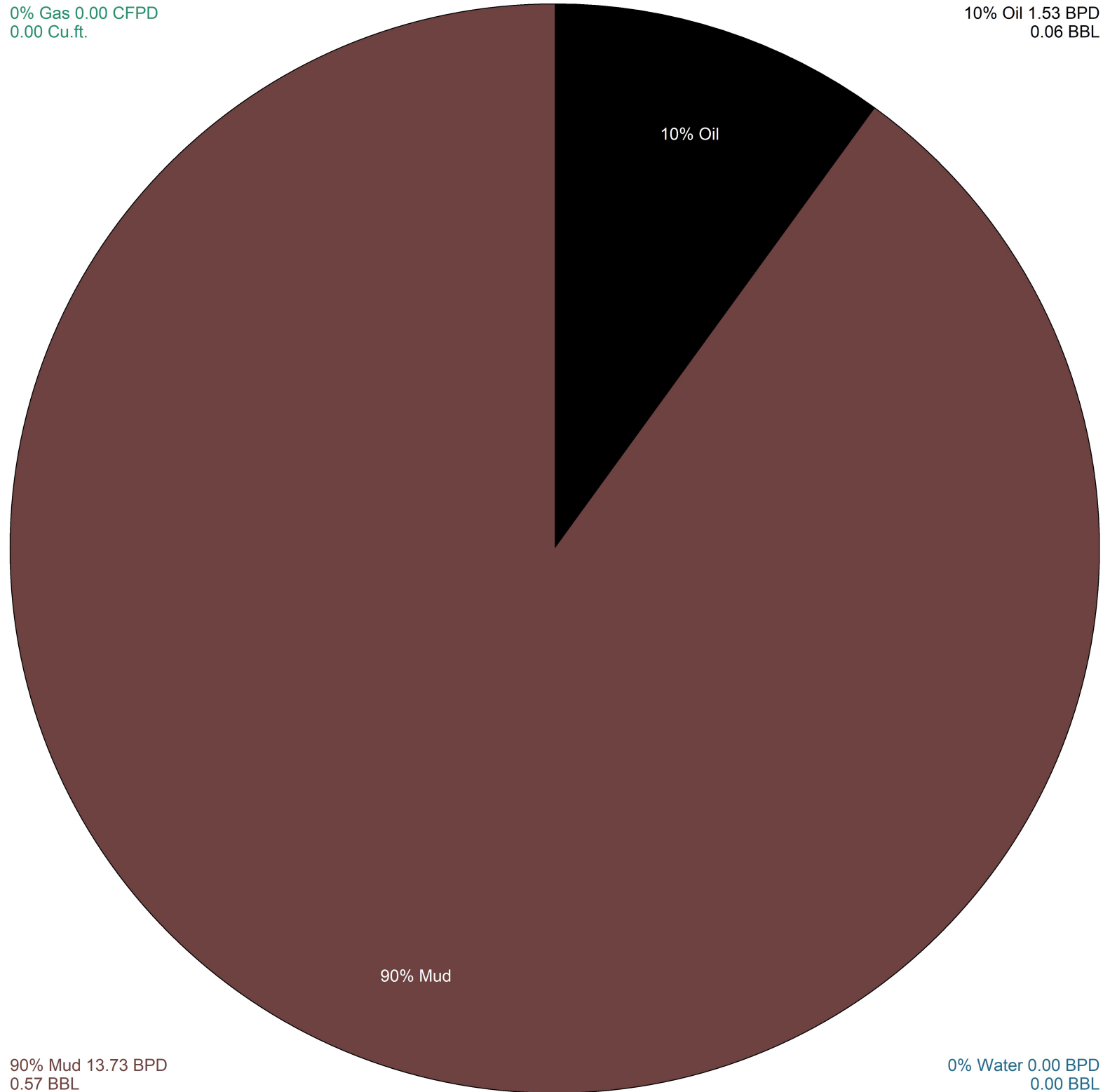
Palomino Petroleum - For What It's Worth 1 - DST #2



Calculated Recovery Analysis - Palomino Petroleum - For What It's Worth 1 - DST #2

0% Gas 0.00 CFPD
0.00 Cu.ft.

10% Oil 1.53 BPD
0.06 BBL



90% Mud

10% Oil

90% Mud 13.73 BPD
0.57 BBL

0% Water 0.00 BPD
0.00 BBL



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Palomino Petroleum

Scott, Ks

New ton Ks

ForWhat It'sWorth 1

ATTN: Andrew Stenzel

Job Ticket: 69150

DST#: 2

Test Start: 2022.10.15 @ 07:15:39

GENERAL INFORMATION:

Formation: **Marmaton**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 09:08:39

Time Test Ended: 13:05:09

Test Type: Conventional Bottom Hole (Reset)

Tester: Brandon Turley

Unit No: 79

Interval: 4343.00 ft (KB) To 4450.00 ft (KB) (TVD)

Reference Elevations: 2972.00 ft (KB)

Total Depth: 4450.00 ft (KB) (TVD)

2961.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 11.00 ft

Serial #: 8674 Outside

Press@RunDepth: 87.59 psig @ 4344.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2022.10.15 End Date: 2022.10.15

Last Calib.: 2022.10.15

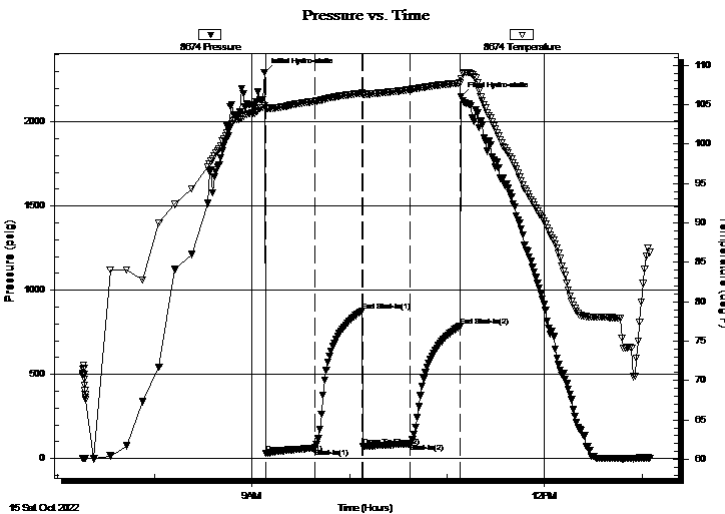
Start Time: 07:15:44 End Time: 13:05:08

Time On Btm: 2022.10.15 @ 09:07:39

Time Off Btm: 2022.10.15 @ 11:08:39

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

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2294.79	104.87	Initial Hydro-static
1	29.55	104.42	Open To Flow (1)
31	63.05	105.42	Shut-In(1)
60	876.27	106.45	End Shut-In(1)
61	69.55	106.26	Open To Flow (2)
90	87.59	106.92	Shut-In(2)
120	784.82	107.73	End Shut-In(2)
121	2151.95	108.30	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
130.00	ocm 10%o 90%m	0.64

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Palomino Petroleum

Scott, Ks

New ton Ks

ForWhat It'sWorth 1

ATTN: Andrew Stenzel

Job Ticket: 69150

DST#: 2

Test Start: 2022.10.15 @ 07:15:39

GENERAL INFORMATION:

Formation: **Marmaton**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 09:08:39

Time Test Ended: 13:05:09

Test Type: Conventional Bottom Hole (Reset)

Tester: Brandon Turley

Unit No: 79

Interval: 4343.00 ft (KB) To 4450.00 ft (KB) (TVD)

Reference Elevations: 2972.00 ft (KB)

Total Depth: 4450.00 ft (KB) (TVD)

2961.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 11.00 ft

Serial #: 8790 Inside

Press@RunDepth: psig @ 4344.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2022.10.15

End Date:

2022.10.15

Last Calib.:

2022.10.15

Start Time: 07:16:03

End Time:

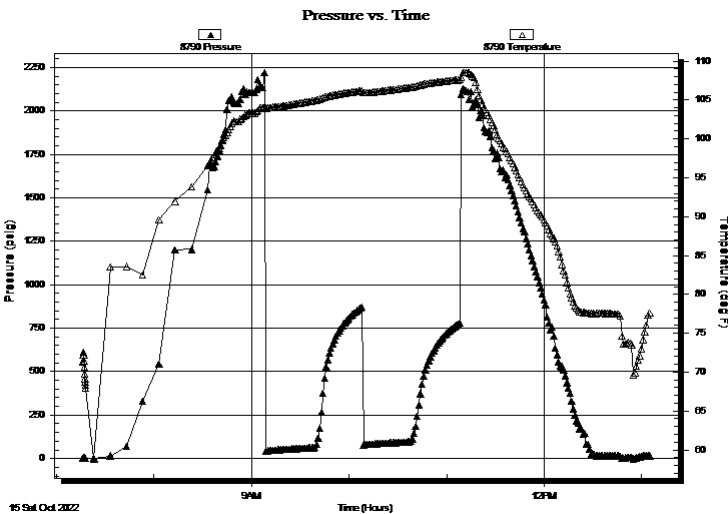
13:05:27

Time On Btm:

Time Off Btm:

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

PRESSURE SUMMARY



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

Recovery

Length (ft)	Description	Volume (bbl)
130.00	ocm 10%o 90%m	0.64

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Palomino Petroleum

Scott, Ks

New ton Ks

ForWhat It'sWorth 1

Job Ticket: 69150

DST#: 2

ATTN: Andrew Stenzel

Test Start: 2022.10.15 @ 07:15:39

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: 47.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.99 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 5500.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
130.00	ocm 10%o 90%m	0.639

Total Length: 130.00 ft Total Volume: 0.639 bbl

Num Fluid Samples: 0

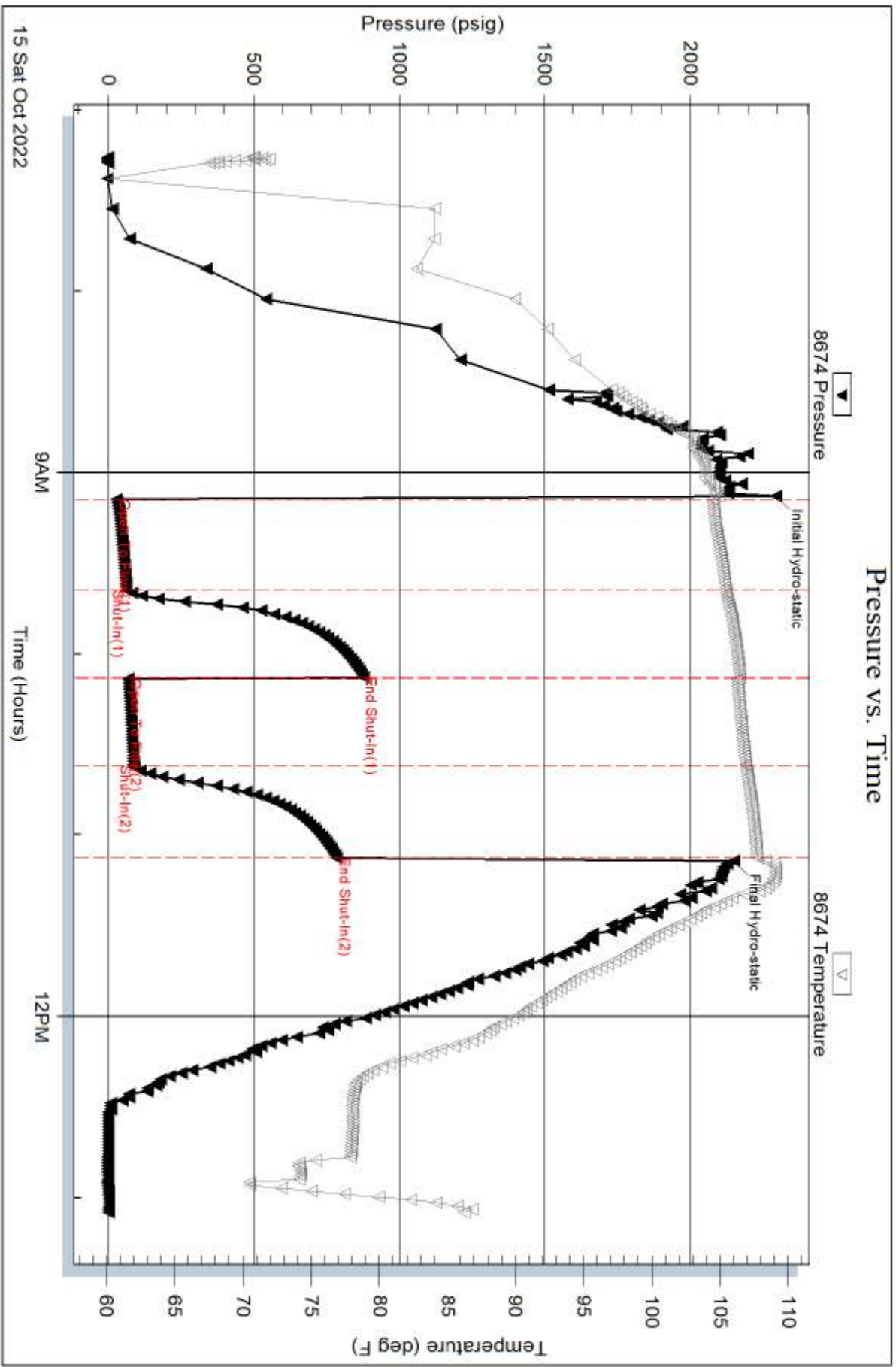
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



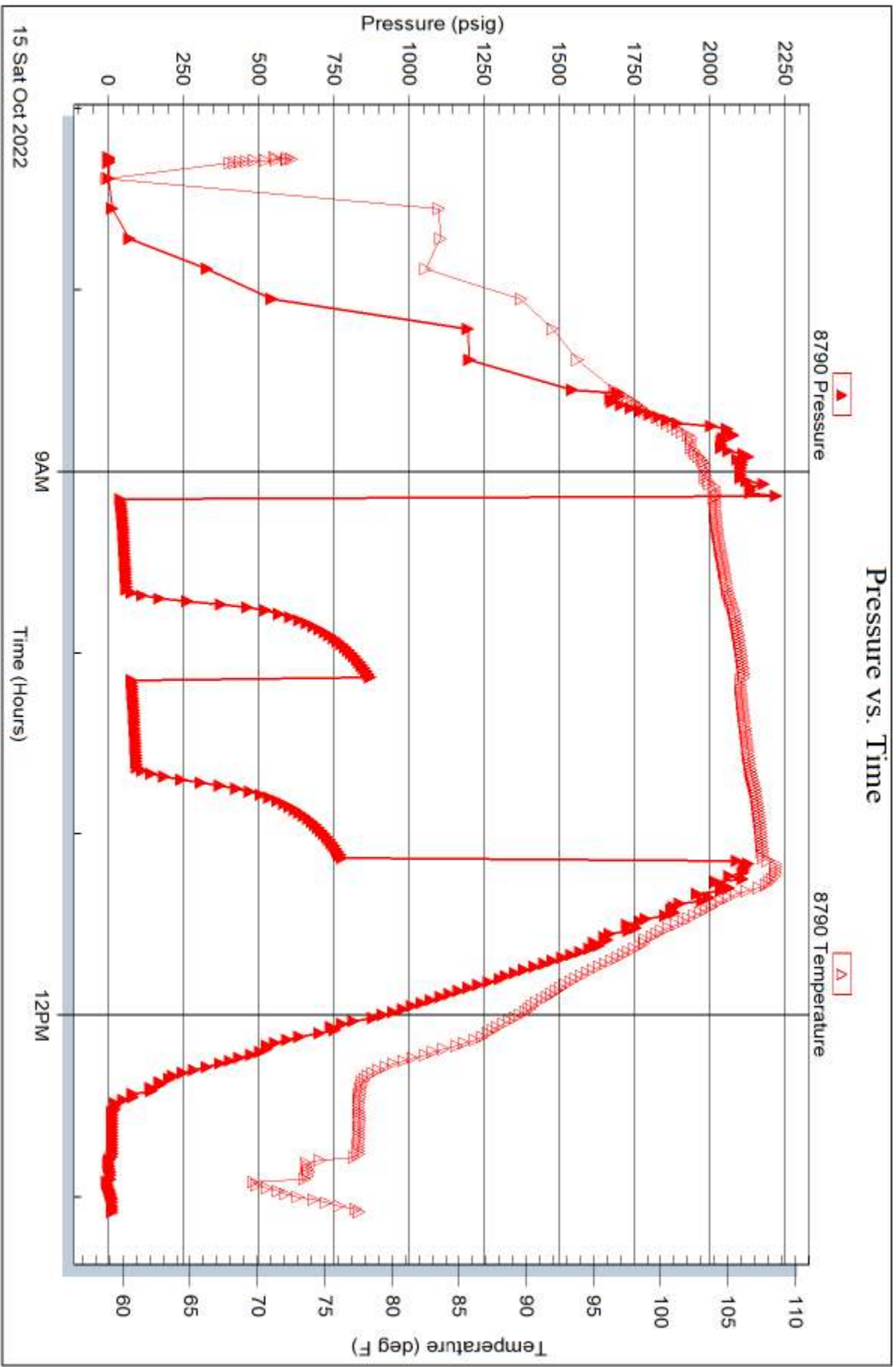
Serial #: 8790

Inside

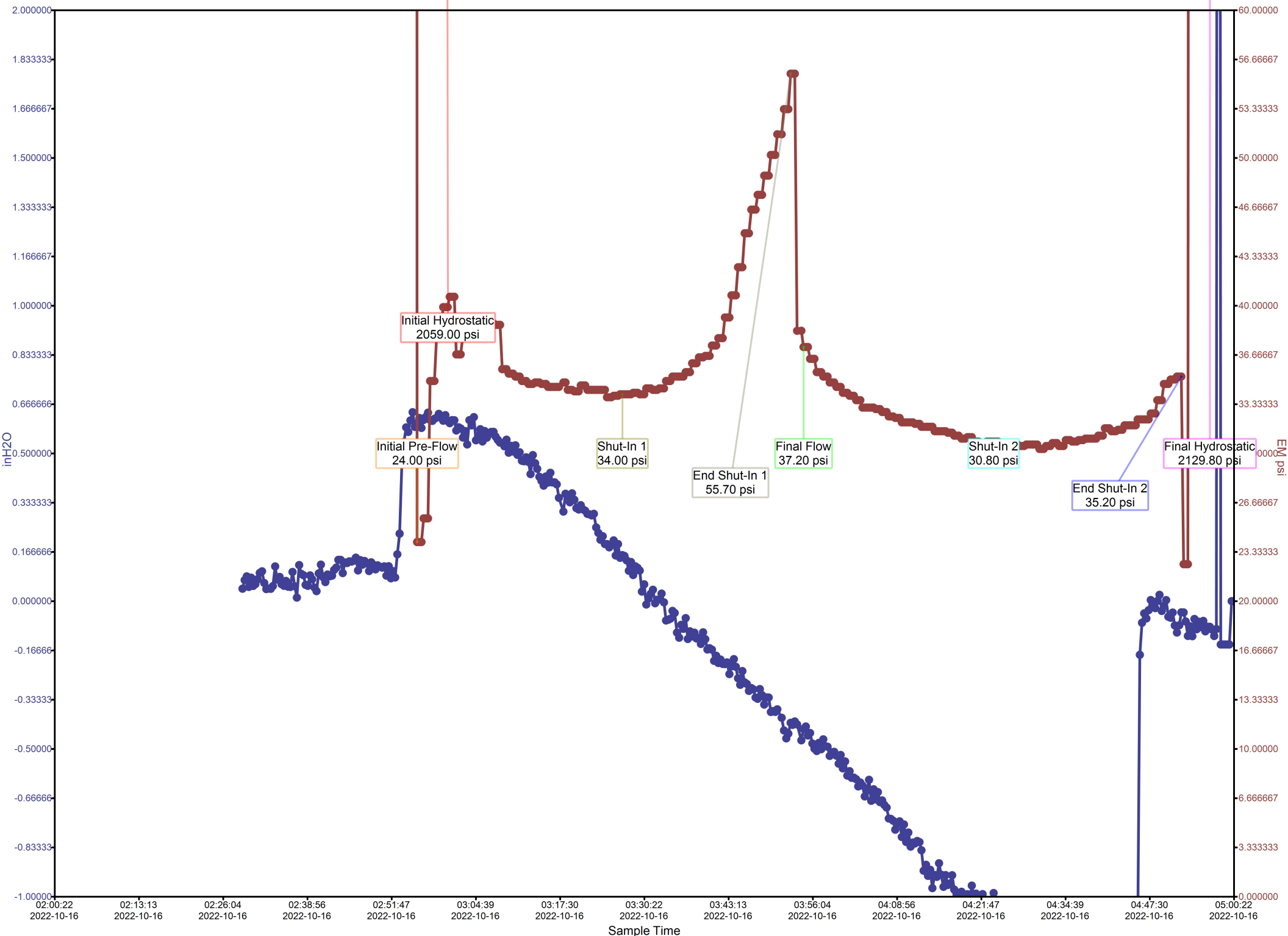
Palomino Petroleum

ForWhat It'sWorth 1

DST Test Number: 2



Palomino Petroleum - For What It's Worth 1 - DST #3





TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Palomino Petroleum

Scott, Ks

New ton Ks

ForWhat It'sWorth 1

ATTN: Andrew Stenzel

Job Ticket: 69226

DST#: 3

Test Start: 2022.10.16 @ 00:30:30

GENERAL INFORMATION:

Formation: **Pawnee Ft Scott**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 02:53:30

Time Test Ended: 07:10:30

Test Type: Conventional Bottom Hole (Reset)

Tester: Brandon Turley

Unit No: 79

Interval: 4448.00 ft (KB) To 4540.00 ft (KB) (TVD)

Reference Elevations: 2972.00 ft (KB)

Total Depth: 4540.00 ft (KB) (TVD)

2961.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 11.00 ft

Serial #: 8674 Outside

Press@RunDepth: 27.78 psig @ 4449.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2022.10.16 End Date: 2022.10.16

Last Calib.: 2022.10.16

Start Time: 00:30:35 End Time: 07:10:29

Time On Btm: 2022.10.16 @ 02:52:30

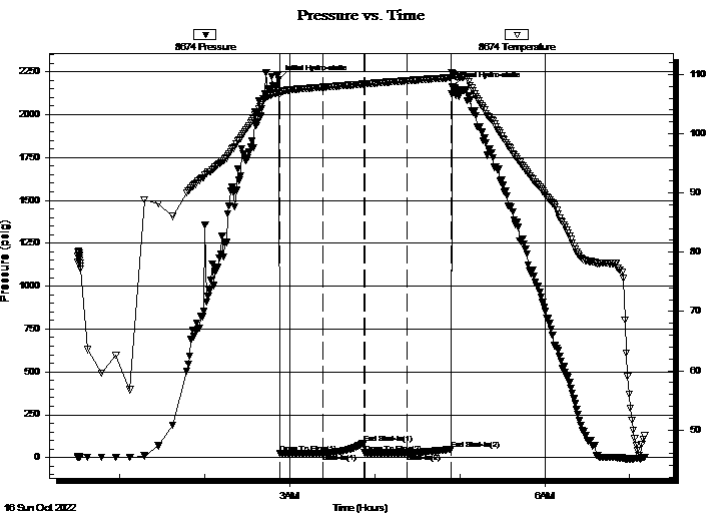
Time Off Btm: 2022.10.16 @ 04:55:00

TEST COMMENT: IF: 1/2 blow that never built.

IS: No return.

FF: No blow.

FS: No return. 30s



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2205.78	107.31	Initial Hydro-static
1	25.35	106.80	Open To Flow (1)
31	25.93	107.87	Shut-In(1)
60	84.58	108.40	End Shut-In(1)
61	27.12	108.40	Open To Flow (2)
91	27.78	108.98	Shut-In(2)
122	48.79	109.48	End Shut-In(2)
123	2164.68	110.18	Final Hydro-static

Recovery

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

* Recovery from multiple tests

Gas Rates

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



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Palomino Petroleum

Scott, Ks

New ton Ks

ForWhat It'sWorth 1

ATTN: Andrew Stenzel

Job Ticket: 69226

DST#: 3

Test Start: 2022.10.16 @ 00:30:30

GENERAL INFORMATION:

Formation: **Pawnee Ft Scott**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 02:53:30

Time Test Ended: 07:10:30

Test Type: Conventional Bottom Hole (Reset)

Tester: Brandon Turley

Unit No: 79

Interval: 4448.00 ft (KB) To 4540.00 ft (KB) (TVD)

Total Depth: 4540.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2972.00 ft (KB)

2961.00 ft (CF)

KB to GR/CF: 11.00 ft

Serial #: 8790 Inside

Press@RunDepth: psig @ 4449.00 ft (KB)

Start Date: 2022.10.16 End Date: 2022.10.16

Start Time: 00:30:44 End Time: 07:10:38

Capacity: 8000.00 psig

Last Calib.: 2022.10.16

Time On Btm:

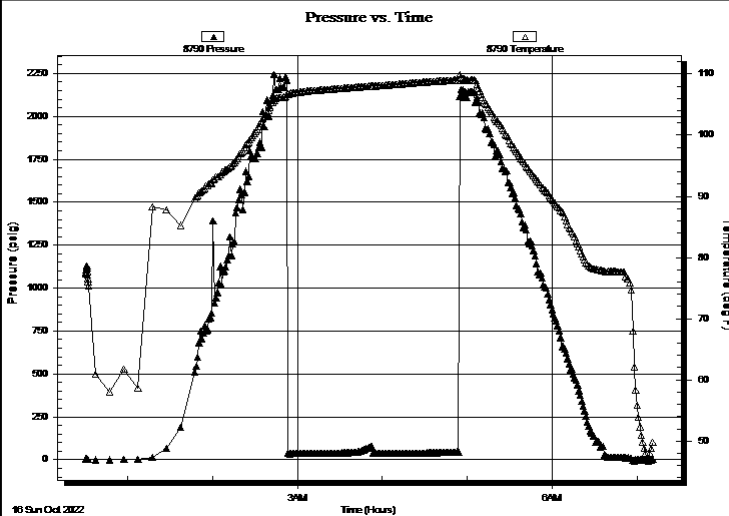
Time Off Btm:

TEST COMMENT: IF: 1/2 blow that never built.

IS: No return.

FF: No blow .

FS: No return. 30s



PRESSURE SUMMARY

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

Recovery

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

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Palomino Petroleum

Scott, Ks

New ton Ks

ForWhat It'sWorth 1

Job Ticket: 69226

DST#: 3

ATTN: Andrew Stenzel

Test Start: 2022.10.16 @ 00:30:30

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 49.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.99 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 3600.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	mud 100%m	0.025

Total Length: 5.00 ft Total Volume: 0.025 bbl

Num Fluid Samples: 0

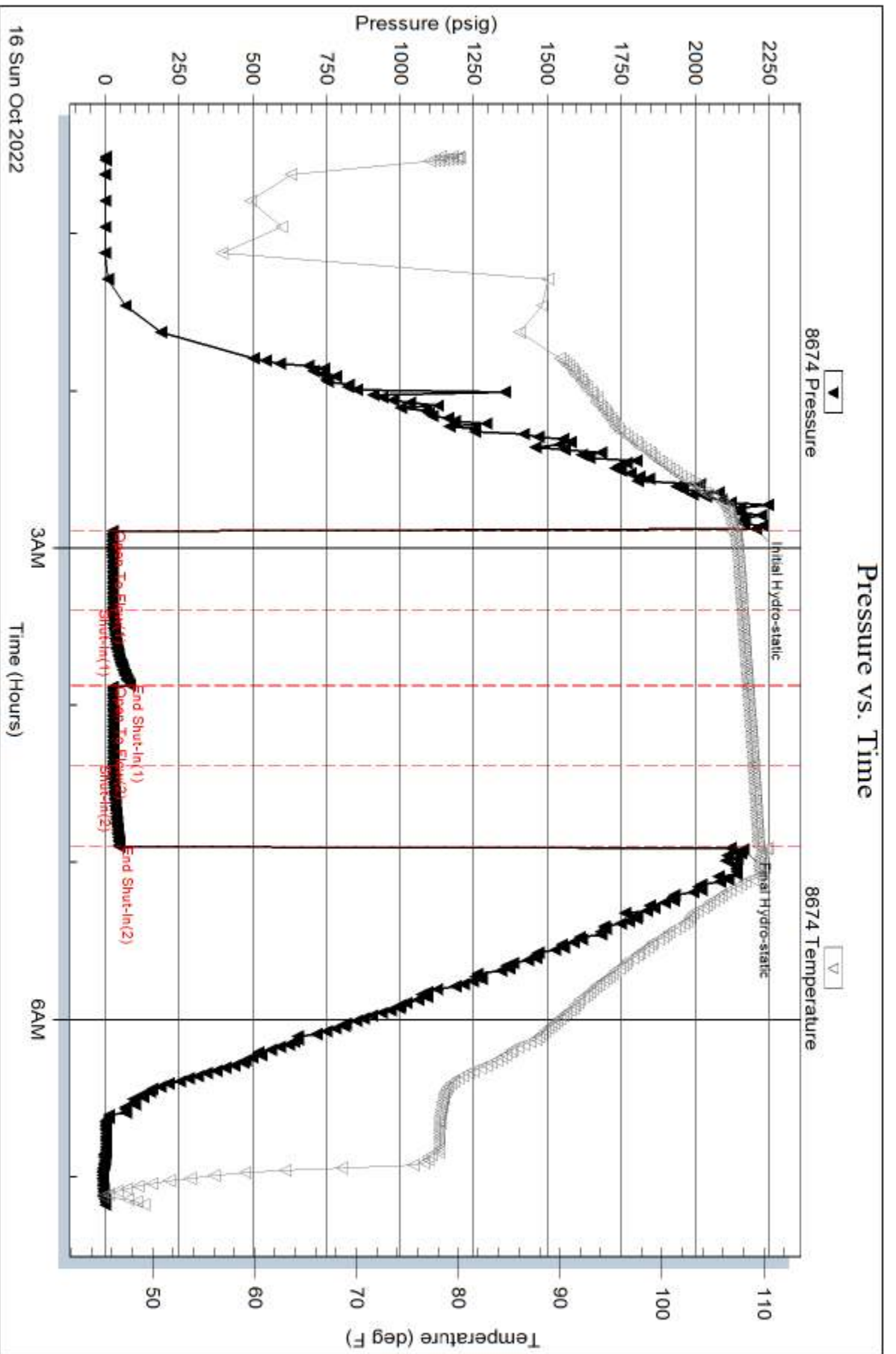
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



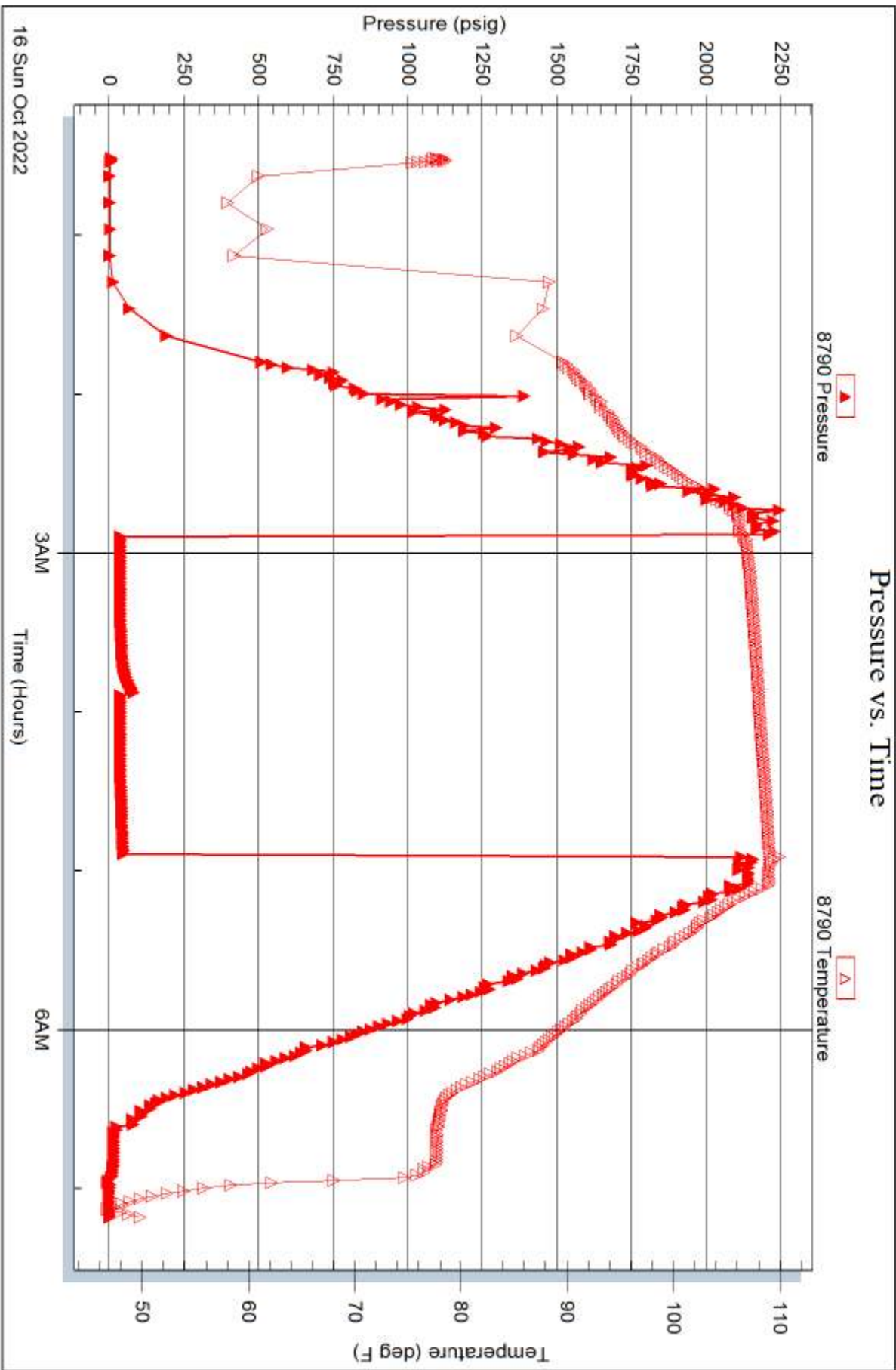
Serial #: 8790

Inside

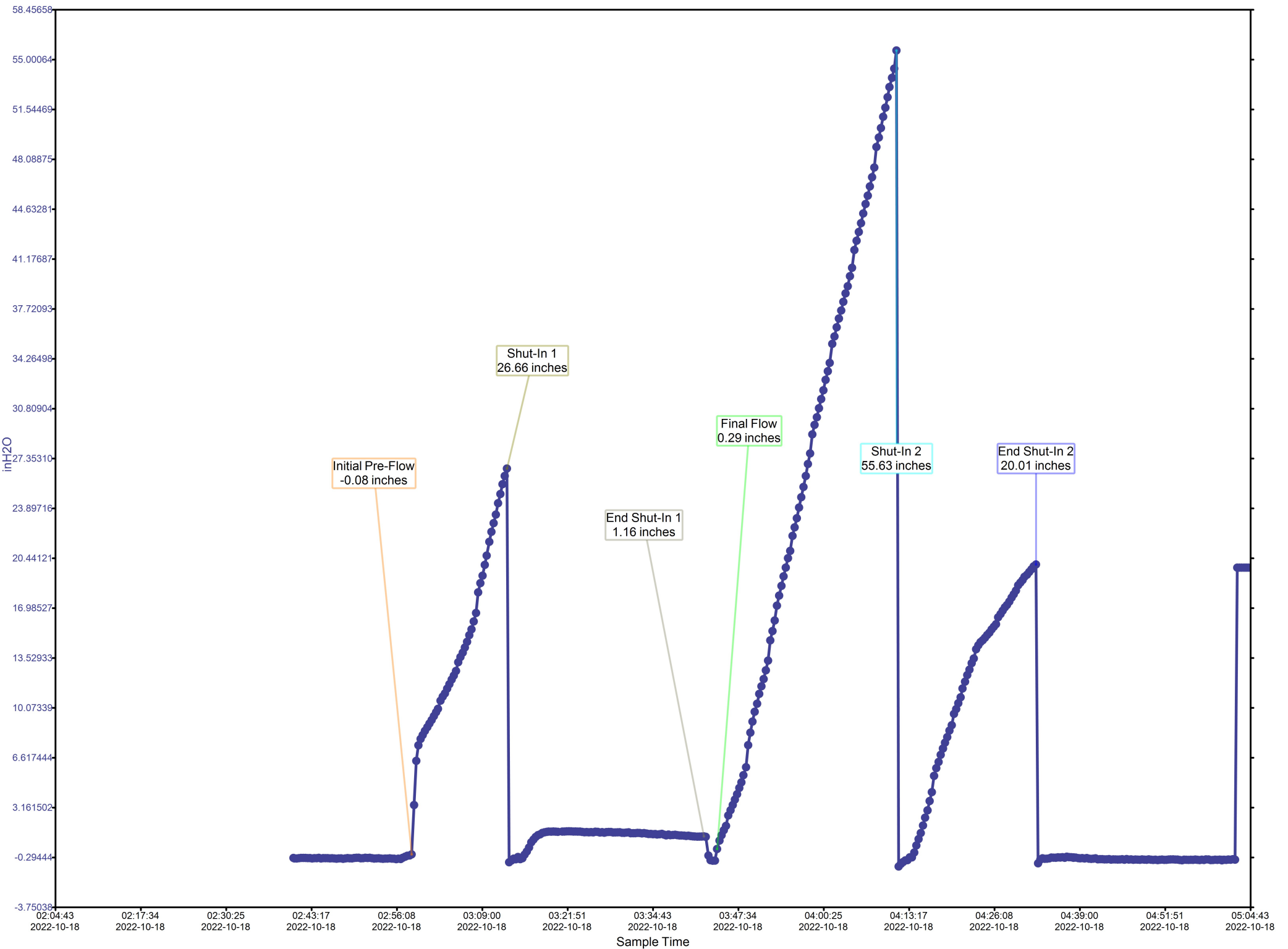
Palomino Petroleum

ForWhat It'sWorth 1

DST Test Number: 3



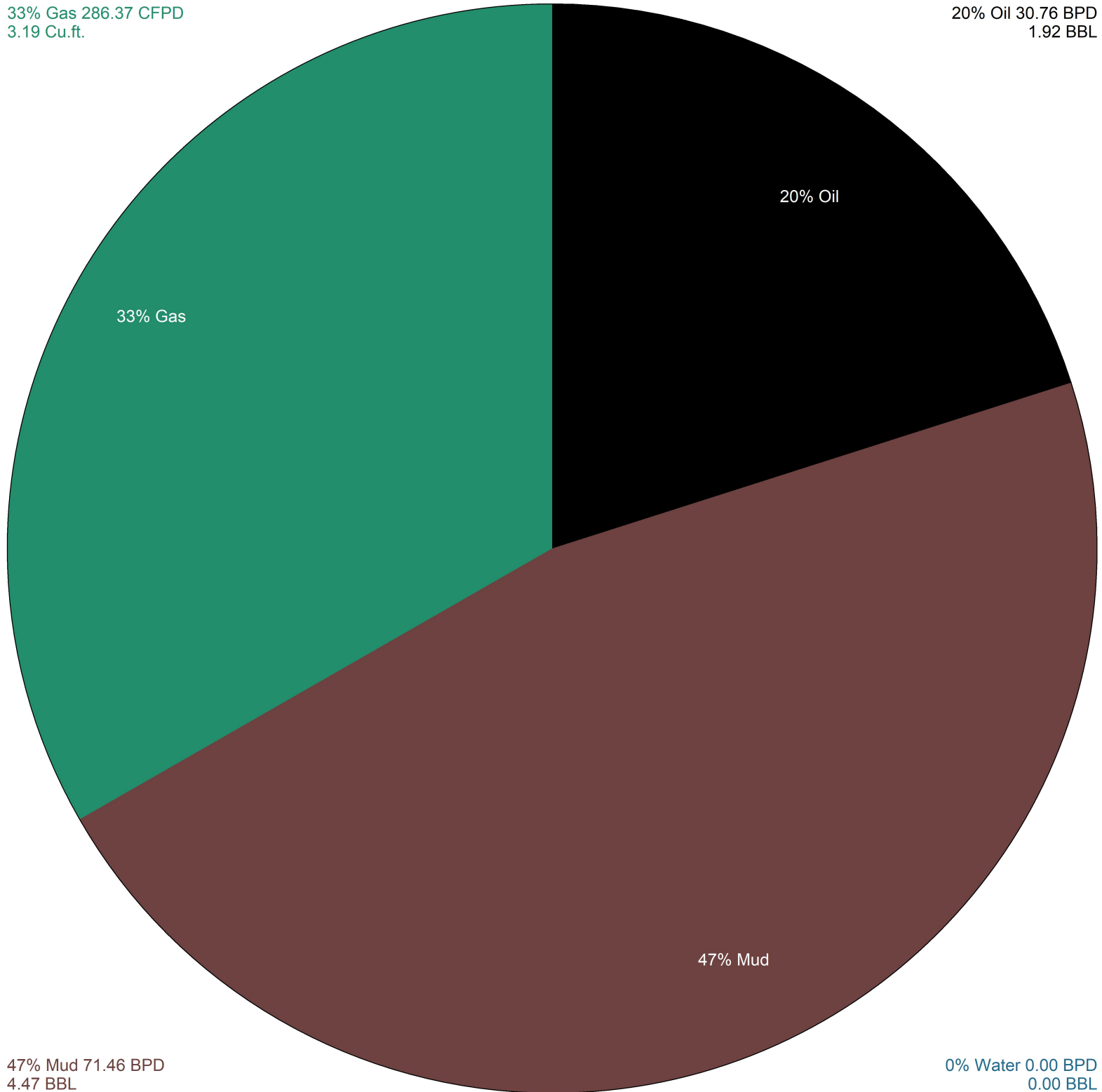
Palomino Petroleum - For What It's Worth 1 - DST #5



Calculated Recovery Analysis - Palomino Petroleum - For What It's Worth 1 - DST #5

33% Gas 286.37 CFPD
3.19 Cu.ft.

20% Oil 30.76 BPD
1.92 BBL



33% Gas

20% Oil

47% Mud

47% Mud 71.46 BPD
4.47 BBL

0% Water 0.00 BPD
0.00 BBL



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Palomino Petroleum

Scott, Ks

New ton Ks

ForWhat It'sWorth 1

ATTN: Andrew Stenzel

Job Ticket: 69227

DST#: 4

Test Start: 2022.10.17 @ 16:12:38

GENERAL INFORMATION:

Formation: **Cherokee Sand**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 18:16:38

Time Test Ended: 00:28:38

Test Type: Conventional Bottom Hole (Reset)

Tester: Brandon Turleu

Unit No: 79

Interval: 4496.00 ft (KB) To 4601.00 ft (KB) (TVD)

Reference Elevations: 2972.00 ft (KB)

Total Depth: 4861.00 ft (KB) (TVD)

2961.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 11.00 ft

Serial #: 8674 Outside

Press@RunDepth: 308.23 psig @ 4497.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2022.10.17 End Date: 2022.10.18

Last Calib.: 2022.10.18

Start Time: 16:12:43 End Time: 00:28:37

Time On Btm: 2022.10.17 @ 18:16:08

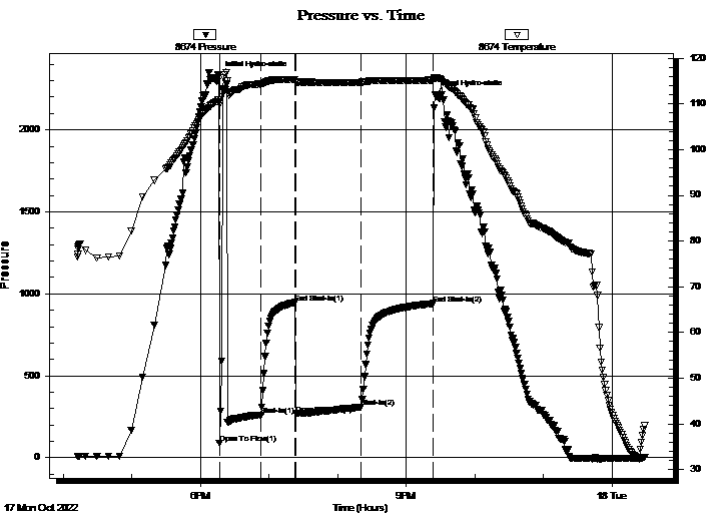
Time Off Btm: 2022.10.17 @ 21:25:38

TEST COMMENT: IF: Opened tool lost packer seat at 2 mins. Reset 3/4 blow built to BOB in 22 mins. 12 1/2.

IS: Surface blow built to 3/4.

FF: BOB in 16 mins. 35

FS: 9" return. 30-30-60-60



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2330.46	110.85	Initial Hydro-static
1	89.89	109.95	Open To Flow (1)
37	259.02	114.36	Shut-In(1)
67	946.85	115.34	End Shut-In(1)
68	268.19	114.90	Open To Flow (2)
125	308.23	114.73	Shut-In(2)
188	940.06	115.17	End Shut-In(2)
190	2212.12	115.67	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
237.00	mco 20%g 60%o 20%m	1.17
189.00	gocm 10%g 40%o 50%m	2.65
214.00	ocm 5%o 95%m	3.00
0.00	189 GIP	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

Scott, Ks

New ton Ks

ForWhat It'sWorth 1

ATTN: Andrew Stenzel

Job Ticket: 69227

DST#: 4

Test Start: 2022.10.17 @ 16:12:38

GENERAL INFORMATION:

Formation: **Cherokee Sand**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 18:16:38

Time Test Ended: 00:28:38

Test Type: Conventional Bottom Hole (Reset)

Tester: Brandon Turleu

Unit No: 79

Interval: 4496.00 ft (KB) To 4601.00 ft (KB) (TVD)

Reference Elevations: 2972.00 ft (KB)

Total Depth: 4861.00 ft (KB) (TVD)

2961.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 11.00 ft

Serial #: 8790 **Inside**

Press@RunDepth: psig @ 4497.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2022.10.17

End Date: 2022.10.18

Last Calib.: 2022.10.18

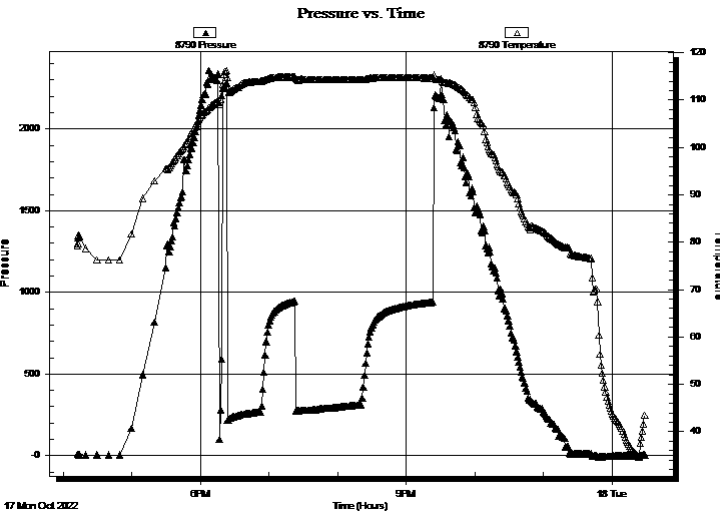
Start Time: 16:12:34

End Time: 00:28:28

Time On Btm:

Time Off Btm:

TEST COMMENT: IF: Opened tool lost packer seat at 2 mins. Reset 3/4 blow built to BOB in 22 mins. 12 1/2.
IS: Surface blow built to 3/4.
FF: BOB in 16 mins. 35
FS: 9" return. 30-30-60-60



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
237.00	mcgo 20%g 60%o 20%m	1.17
189.00	gocm 10%g 40%o 50%m	2.65
214.00	ocm 5%o 95%m	3.00
0.00	189 GIP	0.00

Gas Rates

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

* Recovery from multiple tests



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Palomino Petroleum

Scott, Ks

New ton Ks

ForWhat It'sWorth 1

ATTN: Andrew Stenzel

Job Ticket: 69227

DST#: 4

Test Start: 2022.10.17 @ 16:12:38

GENERAL INFORMATION:

Formation: **Cherokee Sand**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 18:16:38

Time Test Ended: 00:28:38

Test Type: Conventional Bottom Hole (Reset)

Tester: Brandon Turleu

Unit No: 79

Interval: 4496.00 ft (KB) To 4601.00 ft (KB) (TVD)

Reference Elevations: 2972.00 ft (KB)

Total Depth: 4861.00 ft (KB) (TVD)

2961.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 11.00 ft

Serial #: 8524 Below (Straddle)

Press@RunDepth: psig @ 4602.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2022.10.17 End Date: 2022.10.18

Last Calib.: 2022.10.18

Start Time: 16:12:06 End Time: 00:34:00

Time On Btm:

Time Off Btm:

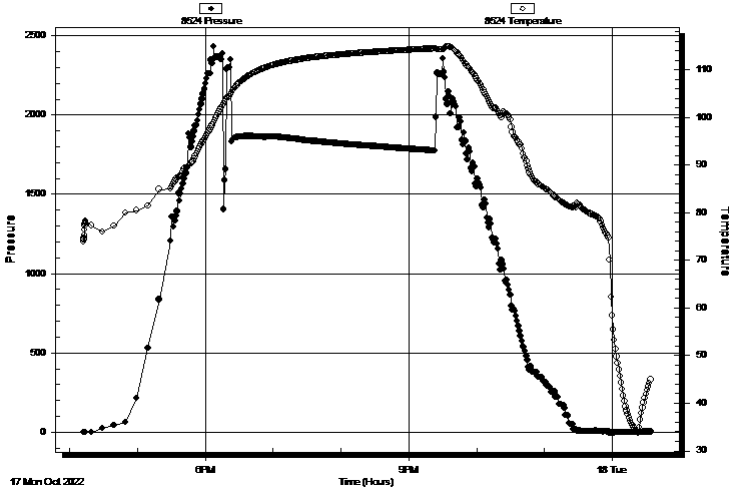
TEST COMMENT: IF: Opened tool lost packer seat at 2 mins. Reset 3/4 blow built to BOB in 22 mins. 12 1/2.

IS: Surface blow built to 3/4.

FF: BOB in 16 mins. 35

FS: 9" return. 30-30-60-60

Pressure vs. Time



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
237.00	mcgo 20%g 60%o 20%m	1.17
189.00	gocm 10%g 40%o 50%m	2.65
214.00	ocm 5%o 95%m	3.00
0.00	189 GIP	0.00

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Palomino Petroleum

Scott, Ks

New ton Ks

ForWhat It'sWorth 1

Job Ticket: 69227

DST#: 4

ATTN: Andrew Stenzel

Test Start: 2022.10.17 @ 16:12:38

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: 57.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.99 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 4200.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
237.00	mcgo 20%g 60%o 20%m	1.166
189.00	gocm 10%g 40%o 50%m	2.651
214.00	ocm 5%o 95%m	3.002
0.00	189 GIP	0.000

Total Length: 640.00 ft

Total Volume: 6.819 bbl

Num Fluid Samples: 0

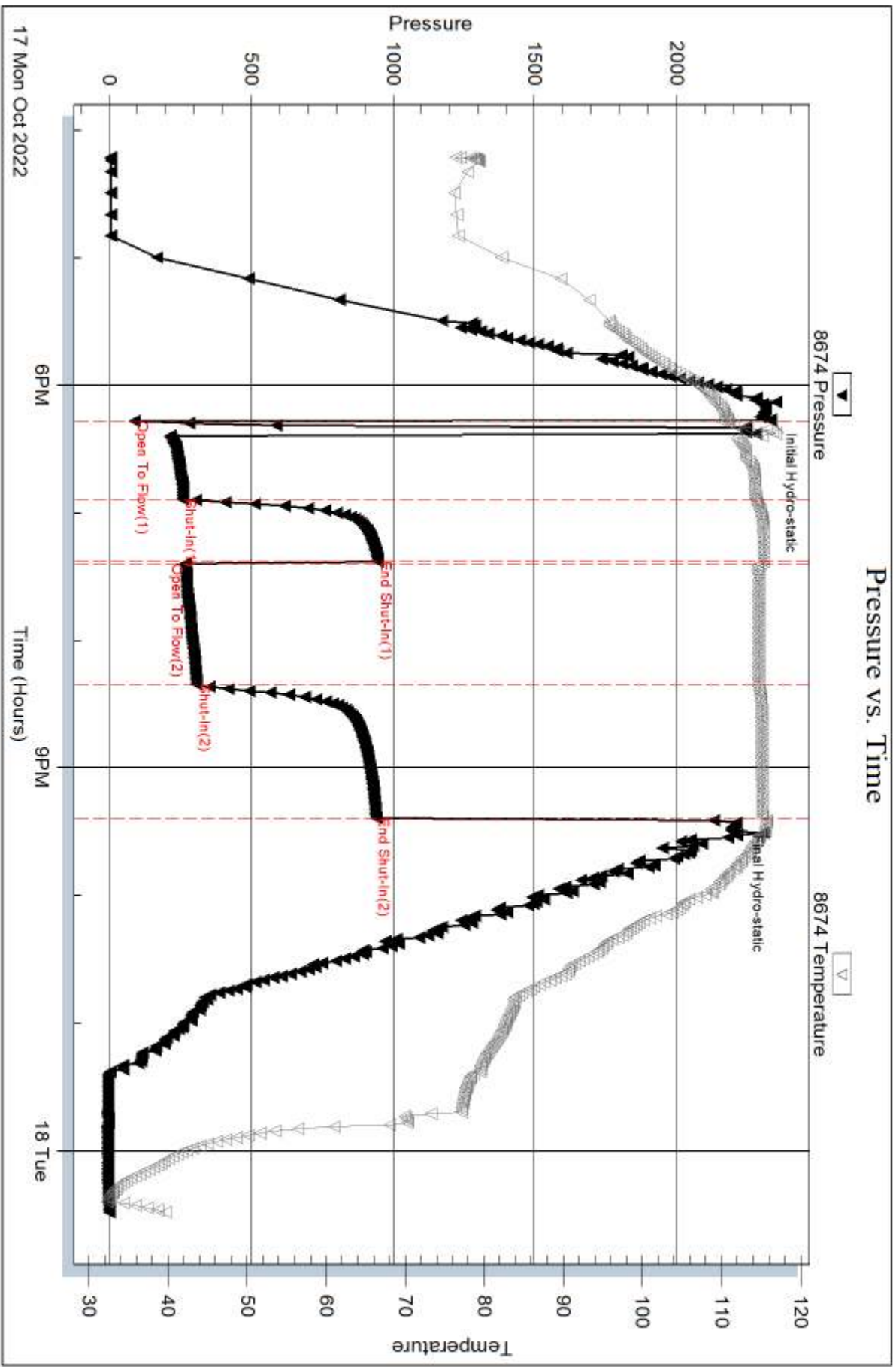
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



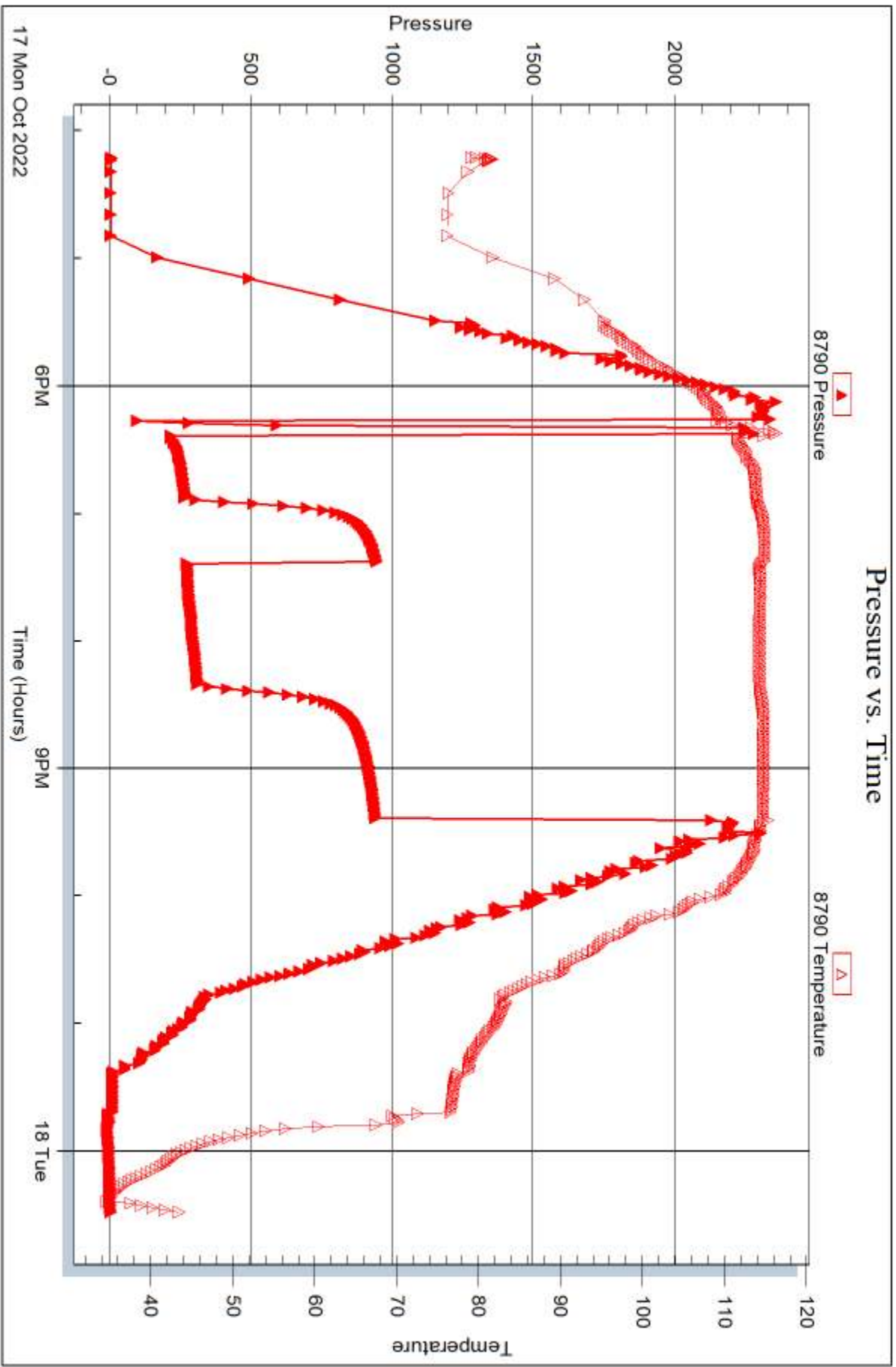
Serial #: 8790

Inside

Palomino Petroleum

ForWhat It'sWorth 1

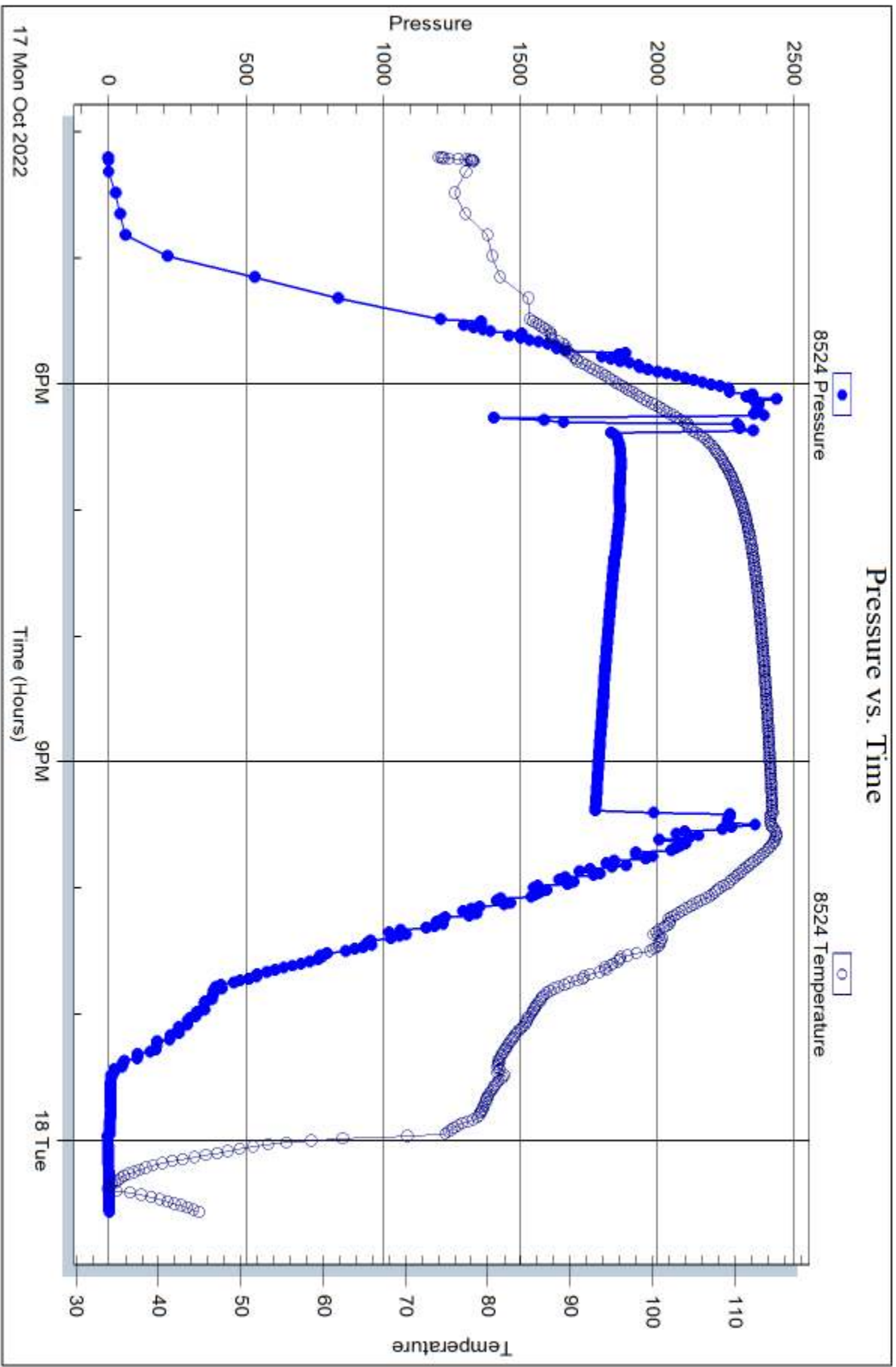
DST Test Number: 4



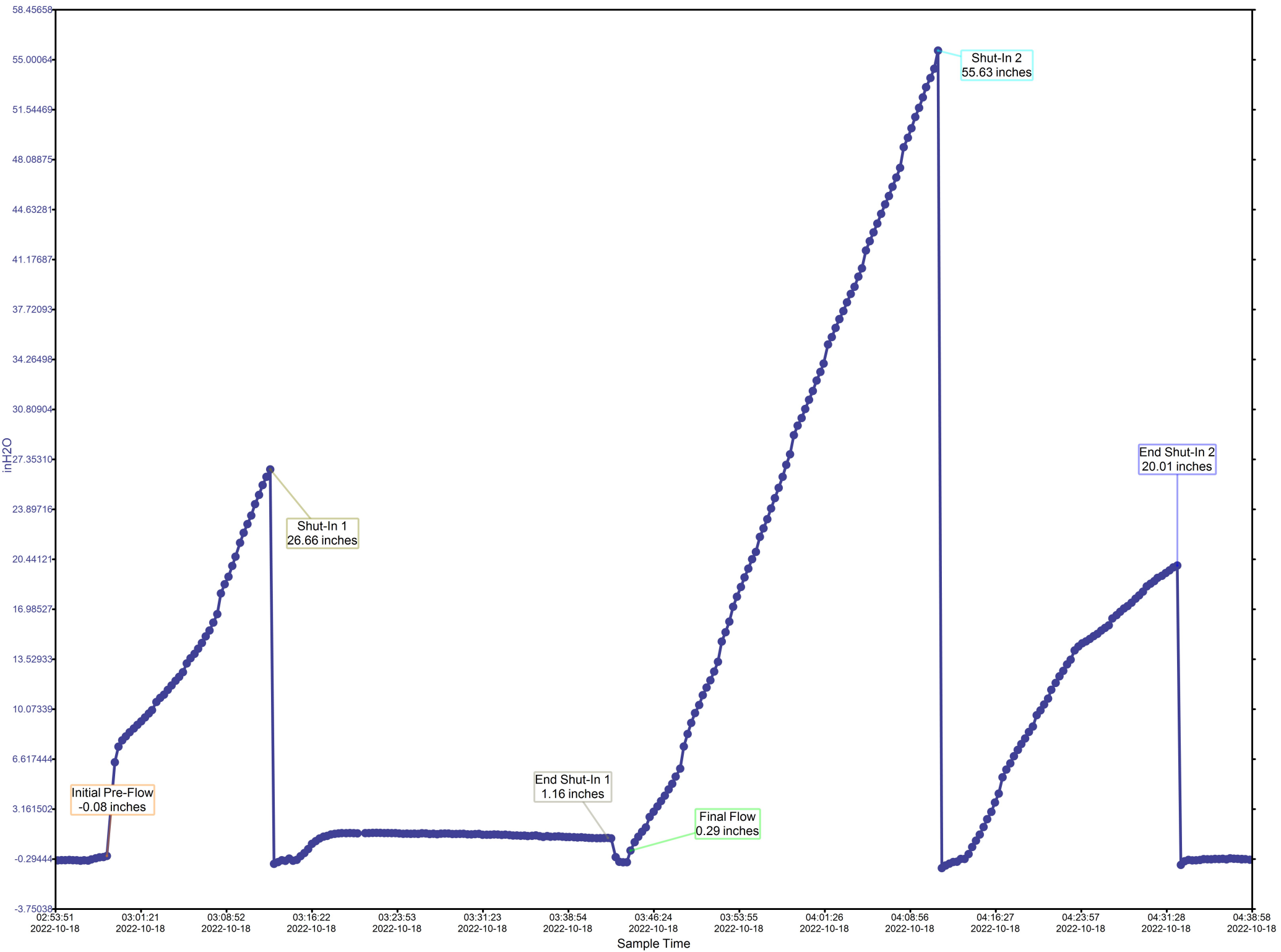
Trilobite Testing, Inc

Ref. No: 69227

Printed: 2022.10.18 @ 07:22:15



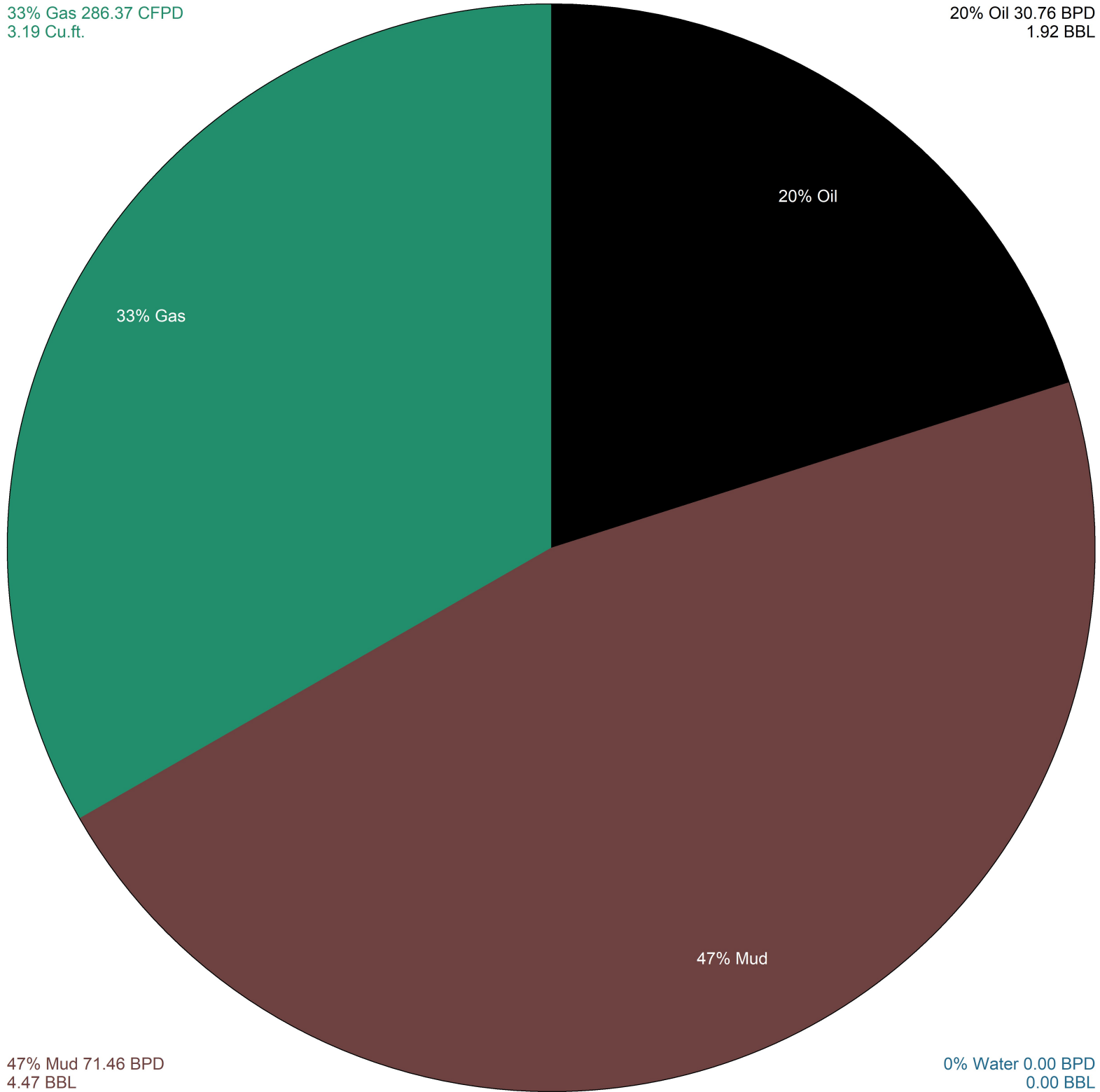
Palomino Petroleum - For What It's Worth 1 - DST #5



Calculated Recovery Analysis - Palomino Petroleum - For What It's Worth 1 - DST #5

33% Gas 286.37 CFPD
3.19 Cu.ft.

20% Oil 30.76 BPD
1.92 BBL



33% Gas

20% Oil

47% Mud

47% Mud 71.46 BPD
4.47 BBL

0% Water 0.00 BPD
0.00 BBL



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Palomino Petroleum

Scott, Ks

New ton Ks

ForWhat It'sWorth 1

ATTN: Andrew Stenzel

Job Ticket: 69288

DST#: 5

Test Start: 2022.10.18 @ 00:51:28

GENERAL INFORMATION:

Formation: **Morrow**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 02:59:46

Time Test Ended: 07:45:15

Test Type: Conventional Bottom Hole (Reset)

Tester: Brandon Turley

Unit No: 79

Interval: 4601.00 ft (KB) To 4757.00 ft (KB) (TVD)

Reference Elevations: 2972.00 ft (KB)

Total Depth: 4861.00 ft (KB) (TVD)

2961.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 11.00 ft

Serial #: 8674 Outside

Press@RunDepth: 290.85 psig @ 4602.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2022.10.18

End Date:

2022.10.18

Last Calib.: 2022.10.18

Start Time: 00:51:51

End Time:

07:45:15

Time On Btm: 2022.10.18 @ 02:57:16

Time Off Btm: 2022.10.18 @ 04:44:16

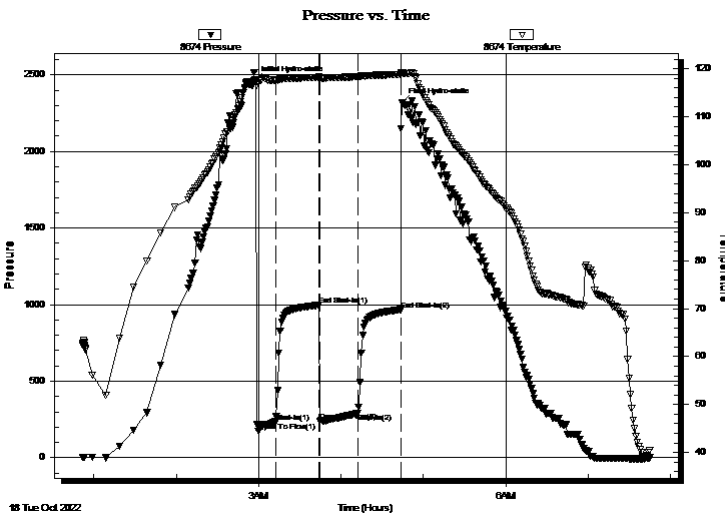
TEST COMMENT: IF: BOB in 4 mins. 26"

IS: 1 1/2 return.

FF: BOB in 7 mins. 55"

FS: BOB in 8 mins. 20" 15-30-30-30

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2465.48	117.58	Initial Hydro-static
3	175.23	117.17	Open To Flow (1)
15	235.26	117.62	Shut-In(1)
47	997.15	118.24	End Shut-In(1)
48	240.05	118.00	Open To Flow (2)
75	290.85	118.34	Shut-In(2)
106	966.63	118.81	End Shut-In(2)
107	2316.41	119.19	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
237.00	gocm 20%g 20%o 60%m	1.17
126.00	mco 30%g 40%o 30%m	1.77
157.00	ocm 10%g 90%m	2.20
0.00	740 GIP	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

Scott, Ks

New ton Ks

ForWhat It'sWorth 1

ATTN: Andrew Stenzel

Job Ticket: 69288

DST#: 5

Test Start: 2022.10.18 @ 00:51:28

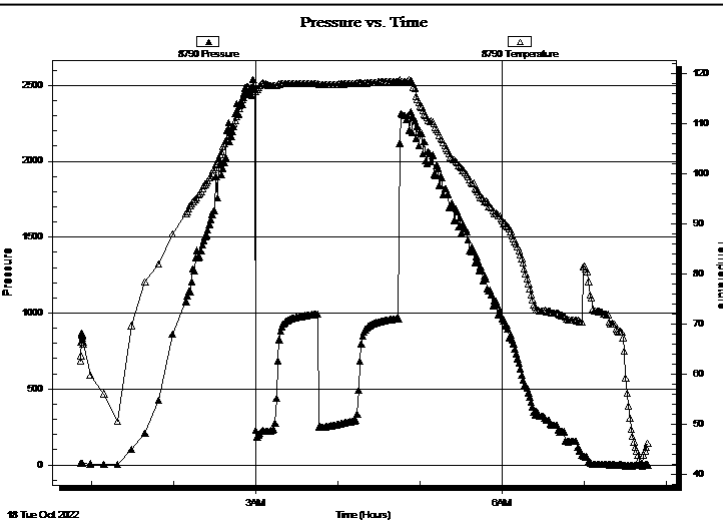
GENERAL INFORMATION:

Formation: Morrow			
Deviated: No Whipstock:	ft (KB)	Test Type: Conventional Bottom Hole (Reset)	
Time Tool Opened: 02:59:46		Tester: Brandon Turley	
Time Test Ended: 07:45:15		Unit No: 79	
Interval: 4601.00 ft (KB) To 4757.00 ft (KB) (TVD)		Reference Elevations: 2972.00 ft (KB)	
Total Depth: 4861.00 ft (KB) (TVD)		2961.00 ft (CF)	
Hole Diameter: 7.88 inches	Hole Condition: Good	KB to GR/CF: 11.00 ft	

Serial #: 8790 Inside

Press@RunDepth: psig @ 4602.00 ft (KB)	Capacity: 8000.00 psig	
Start Date: 2022.10.18	End Date: 2022.10.18	Last Calib.: 2022.10.18
Start Time: 00:52:04	End Time: 07:46:28	Time On Btm:
		Time Off Btm:

TEST COMMENT: IF: BOB in 4 mins. 26"
 IS: 1 1/2 return.
 FF: BOB in 7 mins. 55"
 FS: BOB in 8 mins. 20" 15-30-30-30



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
237.00	gocm 20%g 20%o 60%m	1.17
126.00	mcco 30%g 40%o 30%m	1.77
157.00	ocm 10%g 90%m	2.20
0.00	740 GIP	0.00

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Palomino Petroleum

Scott, Ks

New ton Ks

ForWhat It'sWorth 1

ATTN: Andrew Stenzel

Job Ticket: 69288

DST#: 5

Test Start: 2022.10.18 @ 00:51:28

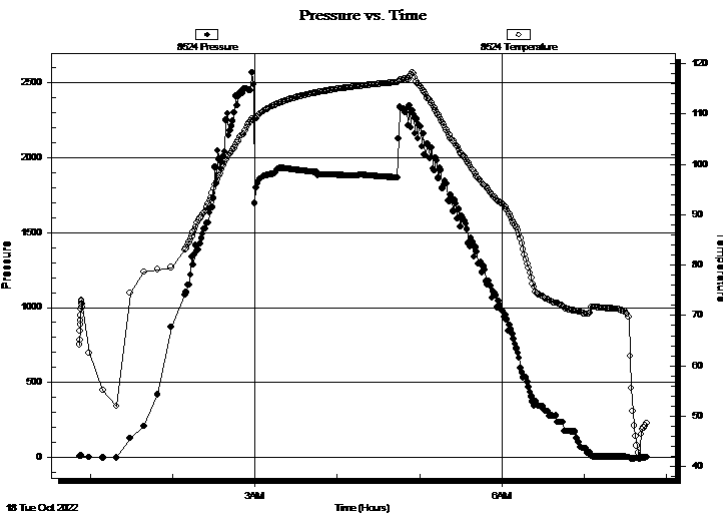
GENERAL INFORMATION:

Formation: **Morrow**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 02:59:46
 Time Test Ended: 07:45:15
 Interval: **4601.00 ft (KB) To 4757.00 ft (KB) (TVD)**
 Total Depth: 4861.00 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: 2972.00 ft (KB)
 2961.00 ft (CF)
 KB to GR/CF: 11.00 ft

Serial #: 8524 Below (Straddle)

Press@RunDepth: psig @ 4762.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2022.10.18 End Date: 2022.10.18 Last Calib.: 2022.10.18
 Start Time: 00:51:52 End Time: 07:46:16 Time On Btm:
 Time Off Btm:

TEST COMMENT: IF: BOB in 4 mins. 26"
 IS: 1 1/2 return.
 FF: BOB in 7 mins. 55"
 FS: BOB in 8 mins. 20" 15-30-30-30



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
237.00	gocm 20%g 20%o 60%m	1.17
126.00	mogo 30%g 40%o 30%m	1.77
157.00	ocm 10%g 90%m	2.20
0.00	740 GIP	0.00

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Palomino Petroleum

Scott, Ks

New ton Ks

ForWhat It'sWorth 1

Job Ticket: 69288

DST#: 5

ATTN: Andrew Stenzel

Test Start: 2022.10.18 @ 00:51:28

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: 57.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.99 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 4200.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
237.00	gocm 20%g 20%o 60%m	1.166
126.00	mcgo 30%g 40%o 30%m	1.767
157.00	ocm 10%g 90%m	2.202
0.00	740 GIP	0.000

Total Length: 520.00 ft

Total Volume: 5.135 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

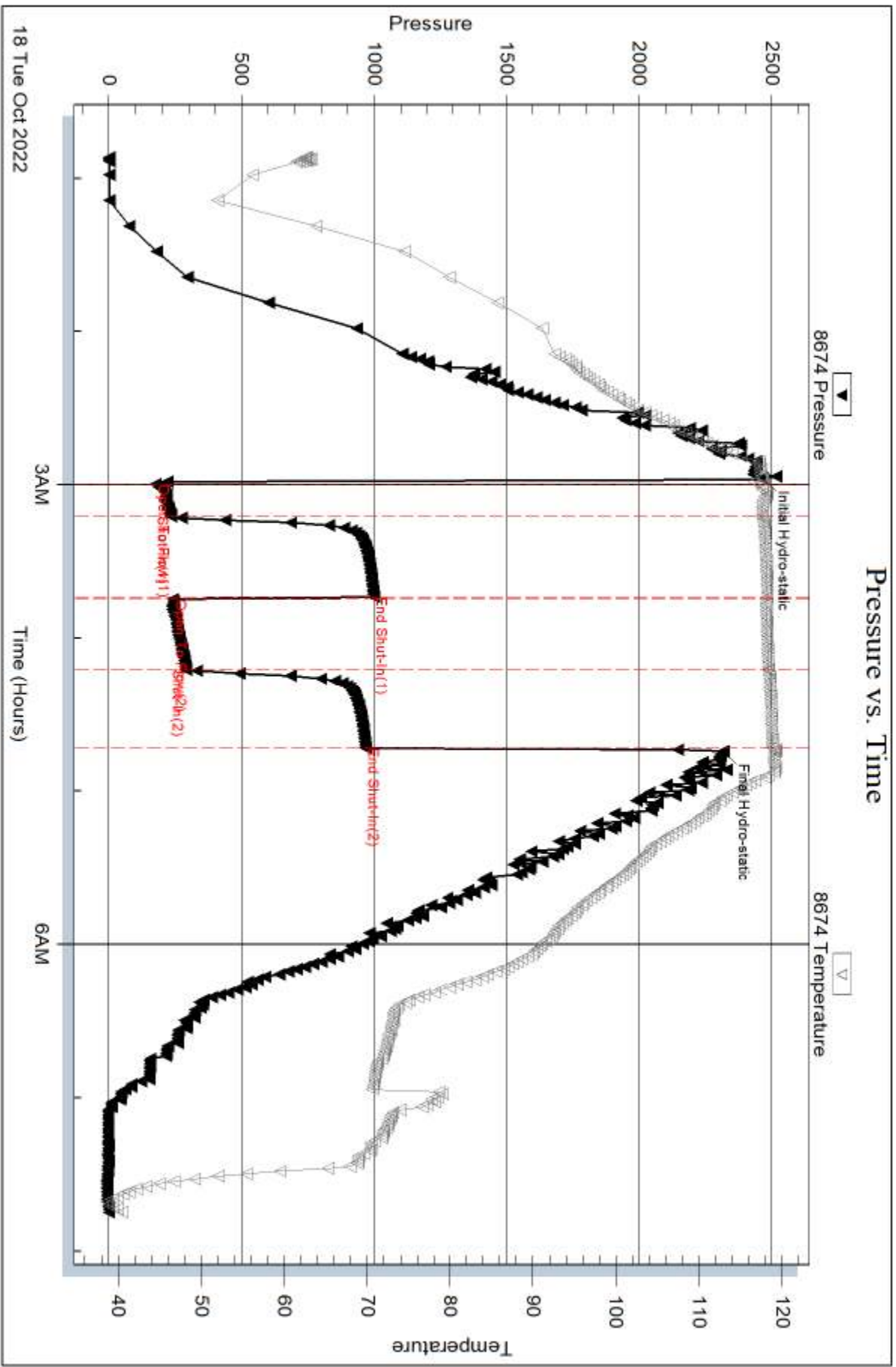
Serial #: 8674

Outside

Palomino Petroleum

ForWhat It'sWorth 1

DST Test Number: 5



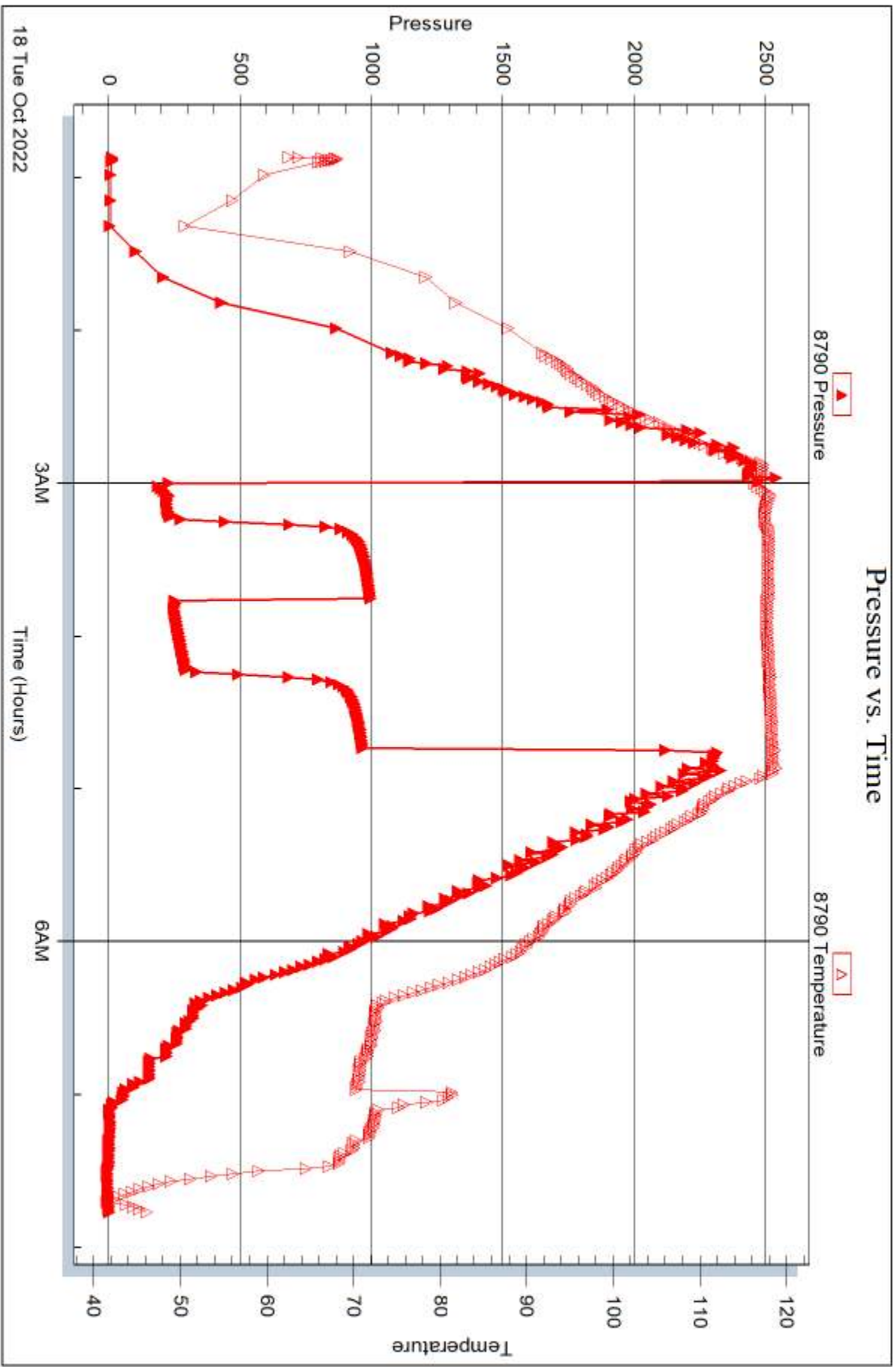
Serial #: 8790

Inside

Palomino Petroleum

ForWhat It'sWorth 1

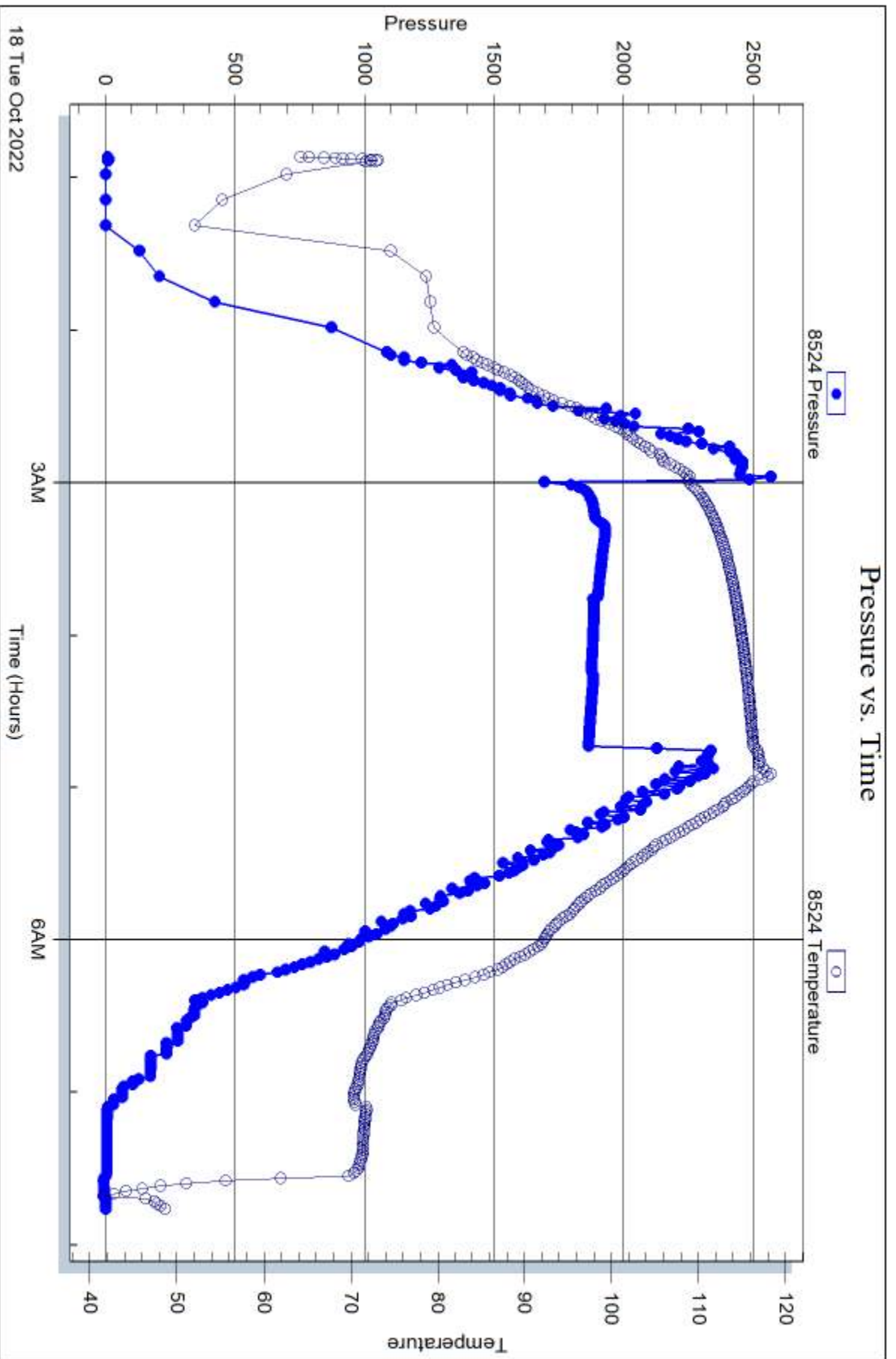
DST Test Number: 5



Trilobite Testing, Inc

Ref. No: 69288

Printed: 2022.10.18 @ 08:02:55





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: 10/10/2022
 Invoice #: 0364029
 Lease Name: For What it's Worth
 Well #: 1 (New)
 County: Scott, Ks
 Job Number: WP3486
 District: Oakley

Date/Description	HRS/QTY	Rate	Total
Surface	0.000	0.000	0.00
H-325	200.000	22.500	4,500.00
Light Eq Mileage	70.000	2.000	140.00
Heavy Eq Mileage	140.000	4.000	560.00
Ton Mileage	658.000	1.500	987.00
Depth Charge 0'-500'	1.000	1,000.000	1,000.00
Cement Blending & Mixing	200.000	1.400	280.00
Service Supervisor	1.000	275.000	275.00

Total 7,742.00

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!



CEMENT TREATMENT REPORT

Customer:	Palomino Petroleum Inc	Well:	For What Its Worth #1	Ticket:	WP3486
City, State:		County:	Scott, KS	Date:	10/10/2022
Field Rep:	Spencer Savage	S-T-R:	30-20S-33W	Service:	Surface

Downhole Information		Calculated Slurry - Lead		Calculated Slurry - Tail	
Hole Size:	12 1/4 in	Blend:	H-325	Blend:	
Hole Depth:	218 ft	Weight:	14.8 ppg	Weight:	ppg
Casing Size:	8 5/8 in	Water / Sx:	6.9 gal / sx	Water / Sx:	gal / sx
Casing Depth:	210 ft	Yield:	1.42 ft ³ / sx	Yield:	ft ³ / sx
Tubing / Liner:	in	Annular Bbls / Ft.:	0.0735 bbs / ft.	Annular Bbls / Ft.:	bbs / ft.
Depth:	ft	Depth:	218 ft	Depth:	ft
Tool / Packer:		Annular Volume:	bbls	Annular Volume:	bbls
Tool Depth:	ft	Excess:		Excess:	
Displacement:	13.0 bbls	Total Slurry:	50.2 bbls	Total Slurry:	bbls
		Total Sacks:	12 sx	Total Sacks:	sx

TIME	RATE	PSI	BBLs	STAGE	TOTAL BBLs	REMARKS
1200pm						Arrive on Location
1215pm						Safety Meeting
1245pm						Rig Up
						210.56' of casing plus 13' Landing Joint
117pm	2.5	100.0	5.0			H2O Ahead
119pm	5.5	150.0	50.2			Cement Slurry H-325 14.8ppg
135pm	5.0	200.0	13.0			Displacement
137pm						Plug Down Circulated 5bbls to Pit
140pm						Wash Up
150pm						Rig Down
200pm						Leave Location

CREW		UNIT	SUMMARY		
Cementer:	Spencer	528/520	Average Rate	Average Pressure	Total Fluid
Pump Operator:	Jimmie	194/235	4.3 bpm	150 psi	68 bbls
Bulk #1:	Hunter	914			
Bulk #2:					