

Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1

January 2018

Form must be Typed

Form must be Signed

All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

Purchaser: _____

Designate Type of Completion:

New Well Re-Entry Workover

Oil WSW SWD

Gas DH EOR

OG GSW

CM (Coal Bed Methane)

Cathodic Other (Core, Expl., etc.): _____

If Workover/Re-entry: Old Well Info as follows:

Operator: _____

Well Name: _____

Original Comp. Date: _____ Original Total Depth: _____

Deepening Re-perf. Conv. to EOR Conv. to SWD

Plug Back Liner Conv. to GSW Conv. to Producer

Commingled Permit #: _____

Dual Completion Permit #: _____

SWD Permit #: _____

EOR Permit #: _____

GSW Permit #: _____

Spud Date or Date Reached TD Completion Date or Recompletion Date

API No.: _____

Spot Description: _____

_____ - _____ - _____ Sec. _____ Twp. _____ S. R. _____ East West

_____ Feet from North / South Line of Section

_____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

NE NW SE SW

GPS Location: Lat: _____, Long: _____
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum: NAD27 NAD83 WGS84

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Vertical Depth: _____ Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: _____ Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: _____ Feet

If Alternate II completion, cement circulated from: _____

feet depth to: _____ w/ _____ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: _____ ppm Fluid volume: _____ bbls

Dewatering method used: _____

Location of fluid disposal if hauled offsite:

Operator Name: _____

Lease Name: _____ License #: _____

Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West

County: _____ Permit #: _____

AFFIDAVIT

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Submitted Electronically

KCC Office Use ONLY

Confidentiality Requested

Date: _____

Confidential Release Date: _____

Wireline Log Received Drill Stem Tests Received

Geologist Report / Mud Logs Received

UIC Distribution

ALT I II III Approved by: _____ Date: _____

Operator Name: _____ Lease Name: _____ Well #: _____

Sec. _____ Twp. _____ S. R. _____ East West County: _____

INSTRUCTIONS: Show important tops of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No Geologist Report / Mud Logs <input type="checkbox"/> Yes <input type="checkbox"/> No List All E. Logs Run:	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
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CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone				

1. Did you perform a hydraulic fracturing treatment on this well? Yes No *(If No, skip questions 2 and 3)*
2. Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? Yes No *(If No, skip question 3)*
3. Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? Yes No *(If No, fill out Page Three of the ACO-1)*

Date of first Production/Injection or Resumed Production/Injection:	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____				
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5) (Submit ACO-4)</i>	PRODUCTION INTERVAL: Top Bottom
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Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At	Acid, Fracture, Shot, Cementing Squeeze Record <i>(Amount and Kind of Material Used)</i>

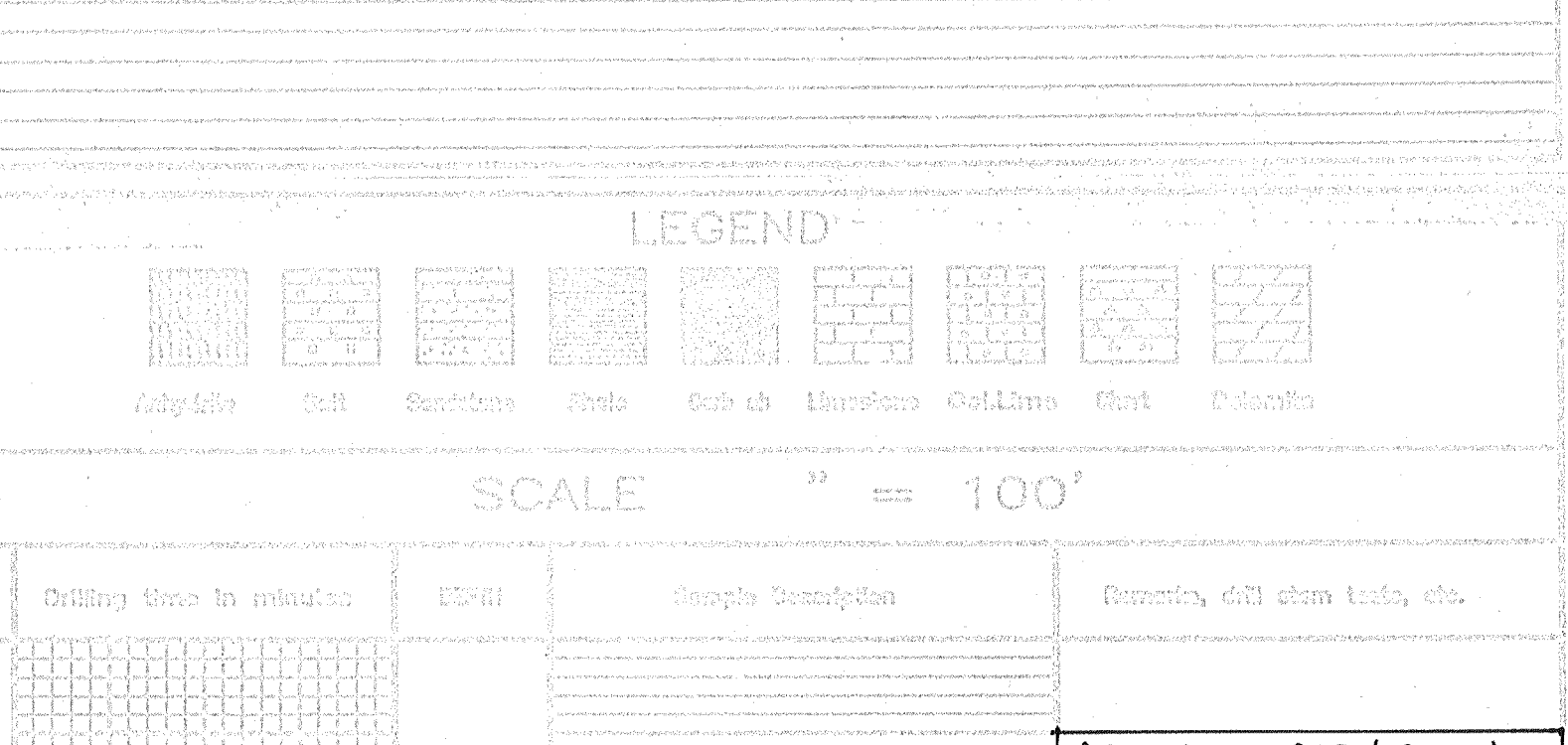
TUBING RECORD:	Size:	Set At:	Packer At:	
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615 St. Tchoupade
 New Orleans, LA 70112
 (713) 788-5302

Geological Report
 Well Name: **Palomina Pelindaba, Inc**
 Well No: **3018**
 Location: **3007'**
 Date: **1/17/87**
 Scale: **1" = 200'**
 Well No: **3018**

Geological Report
 Well Name: **Palomina Pelindaba, Inc**
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 Scale: **1" = 200'**
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Depth (ft)	Sample Description	Remarks, Well Stem Logs, etc.
3700	ls, gray, fine, dense, hard, p. vis. sh., n/s	DST # 1 2631'-2700' M: 5.544 DST # 2 2631'-2700' 30-30-30-30 Rec. 120' mud 1500' GIIP FF-0.0.0.4" N. Return FP-1413# 1361# HP-1413# 1361# IFP-32# 44# FPA-35# 40# ISIP-281# FSP-277#
3800	ls, gray, fine, dense, hard, p. vis. sh., n/s	Mud @ 3717' wt. - 8.8 vis. - 4.5 cl. - 6.4 CCM - 2.400 CCM - 4#
3900	ls, gray, fine, dense, hard, p. vis. sh., n/s	
4000	ls, gray, fine, dense, hard, p. vis. sh., n/s	
4100	ls, gray, fine, dense, hard, p. vis. sh., n/s	
4200	ls, gray, fine, dense, hard, p. vis. sh., n/s	Mud @ 4206' wt. - 9.2 vis. - 5.5 cl. - 7.2 CCM - 3.600 CCM - 3#
4300	ls, gray, fine, dense, hard, p. vis. sh., n/s	Stardale DST # 5 4255'-4289' 30-30-30-30 Rec. 1180' mud (270m, 197m) FF-0.0.1.5" N. Return FP-0.0.0.2.5" HP-2201# 2026# IFP-157# 357# FPA-316# 526# ISIP-1081# FSP-1078#
4400	ls, gray, fine, dense, hard, p. vis. sh., n/s	
4500	ls, gray, fine, dense, hard, p. vis. sh., n/s	Mud @ 4480' wt. - 9.3 vis. - 5.4 cl. - 3.900 CCM - 3#
4600	ls, gray, fine, dense, hard, p. vis. sh., n/s	DST # 3 4274'-4480' 30-30-30-30 Rec. 430' smc (177m, 37m) FF-0.0.1.5" N. Return FP-1124" HP-2235# 2222# IFP-102# 146# FPA-159# 220# ISIP-1102# FSP-1114#
4700	ls, gray, fine, dense, hard, p. vis. sh., n/s	
4800	ls, gray, fine, dense, hard, p. vis. sh., n/s	Mud @ 4543' wt. - 7.7 vis. - 4.9 cl. - 8.0 CCM - 4.400 CCM - 2#
4900	ls, gray, fine, dense, hard, p. vis. sh., n/s	
5000	ls, gray, fine, dense, hard, p. vis. sh., n/s	
5100	ls, gray, fine, dense, hard, p. vis. sh., n/s	
5200	ls, gray, fine, dense, hard, p. vis. sh., n/s	
5300	ls, gray, fine, dense, hard, p. vis. sh., n/s	
5400	ls, gray, fine, dense, hard, p. vis. sh., n/s	
5500	ls, gray, fine, dense, hard, p. vis. sh., n/s	
5600	ls, gray, fine, dense, hard, p. vis. sh., n/s	
5700	ls, gray, fine, dense, hard, p. vis. sh., n/s	
5800	ls, gray, fine, dense, hard, p. vis. sh., n/s	
5900	ls, gray, fine, dense, hard, p. vis. sh., n/s	
6000	ls, gray, fine, dense, hard, p. vis. sh., n/s	
6100	ls, gray, fine, dense, hard, p. vis. sh., n/s	
6200	ls, gray, fine, dense, hard, p. vis. sh., n/s	
6300	ls, gray, fine, dense, hard, p. vis. sh., n/s	
6400	ls, gray, fine, dense, hard, p. vis. sh., n/s	
6500	ls, gray, fine, dense, hard, p. vis. sh., n/s	
6600	ls, gray, fine, dense, hard, p. vis. sh., n/s	
6700	ls, gray, fine, dense, hard, p. vis. sh., n/s	
6800	ls, gray, fine, dense, hard, p. vis. sh., n/s	
6900	ls, gray, fine, dense, hard, p. vis. sh., n/s	
7000	ls, gray, fine, dense, hard, p. vis. sh., n/s	
7100	ls, gray, fine, dense, hard, p. vis. sh., n/s	
7200	ls, gray, fine, dense, hard, p. vis. sh., n/s	
7300	ls, gray, fine, dense, hard, p. vis. sh., n/s	
7400	ls, gray, fine, dense, hard, p. vis. sh., n/s	
7500	ls, gray, fine, dense, hard, p. vis. sh., n/s	
7600	ls, gray, fine, dense, hard, p. vis. sh., n/s	
7700	ls, gray, fine, dense, hard, p. vis. sh., n/s	
7800	ls, gray, fine, dense, hard, p. vis. sh., n/s	
7900	ls, gray, fine, dense, hard, p. vis. sh., n/s	
8000	ls, gray, fine, dense, hard, p. vis. sh., n/s	
8100	ls, gray, fine, dense, hard, p. vis. sh., n/s	
8200	ls, gray, fine, dense, hard, p. vis. sh., n/s	
8300	ls, gray, fine, dense, hard, p. vis. sh., n/s	
8400	ls, gray, fine, dense, hard, p. vis. sh., n/s	
8500	ls, gray, fine, dense, hard, p. vis. sh., n/s	
8600	ls, gray, fine, dense, hard, p. vis. sh., n/s	
8700	ls, gray, fine, dense, hard, p. vis. sh., n/s	
8800	ls, gray, fine, dense, hard, p. vis. sh., n/s	
8900	ls, gray, fine, dense, hard, p. vis. sh., n/s	
9000	ls, gray, fine, dense, hard, p. vis. sh., n/s	
9100	ls, gray, fine, dense, hard, p. vis. sh., n/s	
9200	ls, gray, fine, dense, hard, p. vis. sh., n/s	
9300	ls, gray, fine, dense, hard, p. vis. sh., n/s	
9400	ls, gray, fine, dense, hard, p. vis. sh., n/s	
9500	ls, gray, fine, dense, hard, p. vis. sh., n/s	
9600	ls, gray, fine, dense, hard, p. vis. sh., n/s	
9700	ls, gray, fine, dense, hard, p. vis. sh., n/s	
9800	ls, gray, fine, dense, hard, p. vis. sh., n/s	
9900	ls, gray, fine, dense, hard, p. vis. sh., n/s	
10000	ls, gray, fine, dense, hard, p. vis. sh., n/s	



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: 8/2/2022
 Invoice #: 0362638
 Lease Name: Casablanca
 Well #: 3 (New)
 County: Scott, Ks
 Job Number: WP3165
 District: Oakley

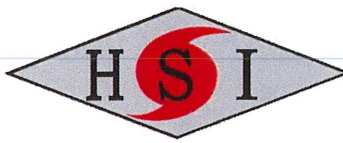
Date/Description	HRS/QTY	Rate	Total
Surface	0.000	0.000	0.00
H-325	200.000	22.500	4,500.00
Light Eq Mileage	65.000	2.000	130.00
Heavy Eq Mileage	130.000	4.000	520.00
Ton Mileage	569.000	1.500	853.50
Depth Charge 0'-500'	1.000	1,000.000	1,000.00
Cement Blending & Mixing	200.000	1.400	280.00
Cement Data Acquisition	1.000	250.000	250.00
Service Supervisor	1.000	275.000	275.00

Total 7,808.50

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

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

WE APPRECIATE YOUR BUSINESS!



Customer		Palomino Petroleum Inc		Lease & Well #		Casablanca #3		Date		8/2/2022		
Service District		Oakley KS		County & State		Scott KS		Legals S/T/R		14-20S-34W		
Job Type		Surface		<input checked="" type="checkbox"/> PROD		<input type="checkbox"/> INJ		<input type="checkbox"/> SWD		<input checked="" type="checkbox"/> YES <input type="checkbox"/> No		
Equipment #		Driver		Job Safety Analysis - A Discussion of Hazards & Safety Procedures								
78		Jesse		<input checked="" type="checkbox"/> Hard hat		<input checked="" type="checkbox"/> Gloves		<input type="checkbox"/> Lockout/Tagout		<input type="checkbox"/> Warning Signs & Flagging		
230		John		<input checked="" type="checkbox"/> H2S Monitor		<input checked="" type="checkbox"/> Eye Protection		<input type="checkbox"/> Required Permits		<input type="checkbox"/> Fall Protection		
205		Kale		<input checked="" type="checkbox"/> Safety Footwear		<input type="checkbox"/> Respiratory Protection		<input checked="" type="checkbox"/> Slip/Trip/Fall Hazards		<input checked="" type="checkbox"/> Specific Job Sequence/Expectations		
				<input checked="" type="checkbox"/> FRC/Protective Clothing		<input type="checkbox"/> Additional Chemical/Acid PPE		<input checked="" type="checkbox"/> Overhead Hazards		<input checked="" type="checkbox"/> Muster Point/Medical Locations		
				<input checked="" type="checkbox"/> Hearing Protection		<input type="checkbox"/> Fire Extinguisher		<input type="checkbox"/> Additional concerns or issues noted below				
Comments												
Product/ Service Code												
		Description				Unit of Measure		Quantity		Net Amount		
CP015		H-325				sack		200.00		\$4,500.00		
M015		Light Equipment Mileage				mi		65.00		\$130.00		
M010		Heavy Equipment Mileage				mi		130.00		\$520.00		
M020		Ton Mileage				tm		569.00		\$853.50		
D010		Depth Charge: 0'-500'				job		1.00		\$1,000.00		
C060		Cement Blending & Mixing Service				sack		200.00		\$280.00		
C035		Cement Data Acquisition				job		1.00		\$250.00		
R061		Service Supervisor				day		1.00		\$275.00		
Customer Section: On the following scale how would you rate Hurricane Services Inc.?												
										Net:		\$7,808.50
										Total Taxable		\$ -
										Tax Rate:		
Based on this job, how likely is it you would recommend HSI to a colleague?										Sale Tax:		\$ -
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>										Total:		\$ 7,808.50
Unlikely 1 2 3 4 5 6 7 8 9 10 Extremely Likely										HSI Representative:		<i>Jesse Jones</i>

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

X _____ **CUSTOMER AUTHORIZATION SIGNATURE**



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

Invoice

DATE	INVOICE #
8/11/2022	34463

RECEIVED

AUG 19 2022

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

- Acidizing
- Cement
- Tool Rental

TERMS	Well No.	Lease	County	Contractor	Well Type	Well Category	Job Purpose	Operator
Net 30	#3	Casablanca	Scott	Murfin Drlg	Oil	Development	2 stage	Gideon
PRICE REF.	DESCRIPTION				QTY	UM	UNIT PRICE	AMOUNT
575D	Mileage - 1 Way				80	Miles	7.00	560.00
579D	Pump Charge - Two-Stage & Top To Bottom LongString				1	Job	2,200.00	2,200.00
408-5	5 1/2" D.V. Tool & Plug Set				1	Each	3,375.00	3,375.00T
403-5	5 1/2" Cement Basket				1	Each	300.00	300.00T
407-5	5 1/2" Insert Float Shoe With Auto Fill				1	Each	350.00	350.00T
409-5	5 1/2" Turbolizer				9	Each	100.00	900.00T
417-5	5 1/2" D.V. Latch Down Plug & Baffle				1	Each	250.00	250.00T
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				125	Lb(s)	3.00	375.00T
330	Swift Multi-Density Standard (MIDCON II)				300	Sacks	19.50	5,850.00T
281	Mud Flush				500	Gallon(s)	2.00	1,000.00T
221	Liquid KCL (Clayfix)				6	Gallon(s)	25.00	150.00T
290	D-Air				8	Gallon(s)	42.00	336.00T
581D	Service Charge Cement				475	Sacks	2.00	950.00
583D	Drayage				1,929	Ton Miles	1.00	1,929.00
	Subtotal							22,375.00
	Sales Tax Scott County						8.50%	1,422.56

Cement for long string for #3

8/11

We Appreciate Your Business!	Total \$23,797.56
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CHARGE TO: Palomino Petroleum

ADDRESS

CITY, STATE, ZIP CODE

TICKET **34463**

PAGE 1 OF 2

1. SERVICE LOCATIONS <u>Ness City, KS</u>	WELL/PROJECT NO. <u>#3</u>	LEASE <u>CASABLANCA</u>	COUNTY/PARISH <u>SCOTT</u>	STATE <u>KS</u>	CITY	DATE <u>8/11/2022</u>	OWNER
2. TICKET TYPE <input checked="" type="checkbox"/> SERVICE <input type="checkbox"/> SALES	CONTRACTOR <u>Murfin</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>Developments</u>	JOB PURPOSE <u>Two - Stage</u>		WELL PERMIT NO.	WELL LOCATION <u>Scott City, 10-S, 6 1/2-W</u>		
4. REFERRAL LOCATION	INVOICE INSTRUCTIONS					<u>S-INTD</u>	

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
575		1			MILEAGE <u>Trk # 114</u>					7.00	560.00
579		1			<u>Pump Charge - Two Stage</u>				1 job	2,200.00	2,200.00
408		1			<u>DV Tool + Plug Set</u>	5 1/2	IN	1	EA	3,375.00	3,375.00
403		1			<u>Cement Basket</u>	5 1/2	IN	1	EA	300.00	300.00
407		1			<u>INSERT Float Shoe w/ Auto fill</u>	5 1/2	IN	1	EA	350.00	350.00
409		1			<u>TURBOLIZERS</u>	5 1/2	IN	9	EA	100.00	900.00
417		1			<u>DV Latch Down Plug + Baffle</u>	5 1/2	IN	1	EA	250.00	250.00

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.

X [Signature]
DATE SIGNED 8/18/2022 TIME SIGNED 3:00 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 1	7935.00
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?				2	14,440.00
WE UNDERSTOOD AND MET YOUR NEEDS?				Total	22,375.00
OUR SERVICE WAS PERFORMED WITHOUT DELAY?				Scott	1422.56
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?				TOTAL	23,797.56
ARE YOU SATISFIED WITH OUR SERVICE? <input type="checkbox"/> YES <input type="checkbox"/> NO					
<input type="checkbox"/> 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 [Signature] APPROVAL

Thank You!



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

TICKET CONTINUATION

TICKET No. 34463

CUSTOMER **PALOMINO Petroleum** WELL **CASABLANCA #3** DATE **8/11/2022** 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			
325		1				STANDARD CEMENT	175	skts		15 ⁰⁰	2625 ⁰⁰
284		1				Calseal	8	skts		50 ⁰⁰	400 ⁰⁰
283		1				SALT	900	lbs		0 ²⁵	225 ⁰⁰
285		1				CFR-1	100	lbs		6 ⁰⁰	600 ⁰⁰
276		1				Flocelk	125	lbs		3 ⁰⁰	375 ⁰⁰
330		1				SMD CEMENT	300	skts		19 ⁰⁰	5850 ⁰⁰
281		1				Mud Flush	500	gal		2 ⁰⁰	1,000 ⁰⁰
221		1				Liquid KCL	6	gal		25 ⁰⁰	150 ⁰⁰
290		1				D-Air	8	gal		42 ⁰⁰	336 ⁰⁰
581		1				SERVICE CHARGE					
								CUBIC FEET			
								475		2 ⁰⁰	950 ⁰⁰
583		1				MILEAGE CHARGE					
						TOTAL WEIGHT					
						48,225					
						LOADED MILES					
						80					
								TON MILES			
								1929		1 ⁰⁰	1929 ⁰⁰

CONTINUATION TOTAL 14,440⁰⁰

JOB LOG

SWIFT Services, Inc.

DATE 8/11/2022 PAGE NO. 1 of 2

CUSTOMER		WELL NO.		LEASE		JOB TYPE		TICKET NO.	
Palomino Petroleum		#3		CASABLANCA		Two-Stage		34463	
CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS	
				T	C	TUBING	CASING		
8/11	1830								ON LOCATION 5 1/2" 17 1/2' /ft RTD: 4,940' LTD: 4,939' TP: 4,930 - Talley SS: 42.11' DV: #50 OUT: 118, 119, 120 Turbo's: 1, 2, 6, 8, 9, 10, 11, 12, 51 Cement Basket: #50
	1920 2220								START 5 1/2" 17 1/2' /ft Csg in Well Drop BALL - Circulate
	2320	4	12		✓	200			Pump 500 gal Mud Flush
		4	20		✓	250			Pump 20 bbl KCL SPACER
	2330	3	42		✓	150			Mix 175 sks of EA-2 @ 15.5 ppg
	2350								Wash Pump + Lines Release Latch Down Plug
	2355	6 1/2	0		✓	200			Begin Displacement w/ KCL H2O
		6 1/2	48		✓	200			Displace w/ Mud
		6 1/2	83		✓	300			Life PSI
		6 1/2	112		✓	800			MAX PSI
8/12	0020	5 1/2	113.7		✓	1600			LAND Latch Down Plug - Release PSI * Holdt*
	0025 0025								Wash up Trk #114 Drop Bomb
	0040 0030	∅			✓	800			Open DV Tool

JOB LOG

SWIFT Services, Inc.

DATE 8/11/2022 PAGE NO. 2 of 2

CUSTOMER Palomino Petroleum WELL NO. #3 LEASE CASABLANCA JOB TYPE Two-Stage TICKET NO. 34463

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
								CONT...
	1245	4	20		✓	200		Pump 20 bbl KCL Spacer
	1250		10-7		✓	75		Plug RH+MH [30,20]
	0100	3 1/2	139		✓	150		Mix 250 sks of SMD @ 11.2 ppg
	0145							Wash Pump + Lines Release Top Plug
	0150	6 1/2	0		✓	200		Begin Displacement
		6 1/2	29		✓	300		LIFE PSI
		5 1/2	64		✓	600		MAX LIFE PSI
	0200	5	65.7		✓	1,000		LAND DV Top Plug - Close DV Tool ★ Circulated Approx 15 sks to Pit
	0215							Wash up Trk #114
	0245							Job Complete
								175 sks of EA-2 used on Bottom Stage DV Opened @ 800 PSI
								300 sks of SMD used on RH, MH + Top Stage [30,20,250] Circulated 15 sks to Pit DV Closed @ 1,000 PSI



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Palomino Petroleum

14-20-34 Scott Ks

4924 SE 84th St
New ton, Ks 67114

Casablanca #3

Job Ticket: 67996

DST#: 1

ATTN: Andrew Stenzel

Test Start: 2022.08.04 @ 14:29:57

GENERAL INFORMATION:

Formation: **Krider**

Deviated: No Whipstock: ft (KB)

Time Tool Opened:

Time Test Ended: 17:50:27

Interval: 2631.00 ft (KB) To 2706.00 ft (KB) (TVD)

Total Depth: 2706.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Poor

Test Type: Conventional Bottom Hole (Initial)

Tester: Brandon Turley

Unit No: 79

Reference Elevations: 3018.00 ft (KB)

3007.00 ft (CF)

KB to GR/CF: 11.00 ft

Serial #: 8674

Press@RunDepth: psig @ ft (KB)

Start Date: 2022.08.04 End Date: 2022.08.04

Start Time: 14:30:02 End Time: 17:50:27

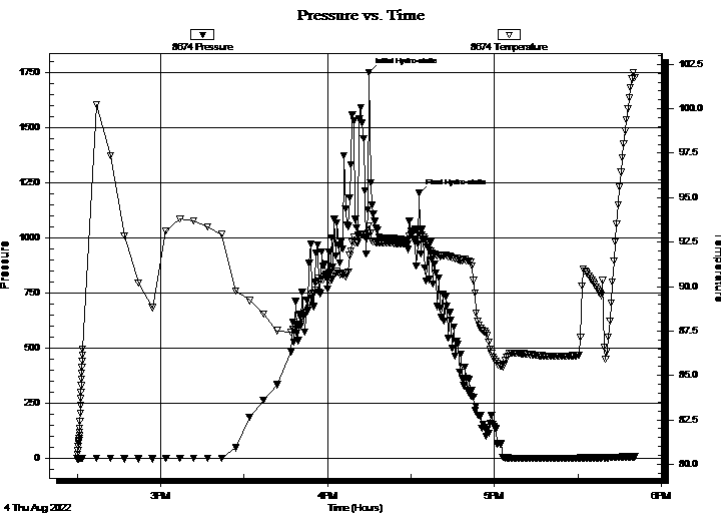
Capacity: 8000.00 psig

Last Calib.: 2022.08.04

Time On Btm: 2022.08.04 @ 16:14:57

Time Off Btm: 2022.08.04 @ 16:32:57

TEST COMMENT: Pushed something to 2076 then started taking to much weight.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1749.83	93.43	Initial Hydro-static
18	1201.79	93.10	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00		0.00

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Palomino Petroleum

14-20-34 Scott Ks

4924 SE 84th St
New ton, Ks 67114

Casablanca #3

Job Ticket: 67996

DST#: 1

ATTN: Andrew Stenzel

Test Start: 2022.08.04 @ 14:29:57

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 10.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 35.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 0.00 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 48000.00 ppm

Filter Cake: 0.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00		0.000

Total Length:

ft

Total Volume:

bbl

Num Fluid Samples: 0

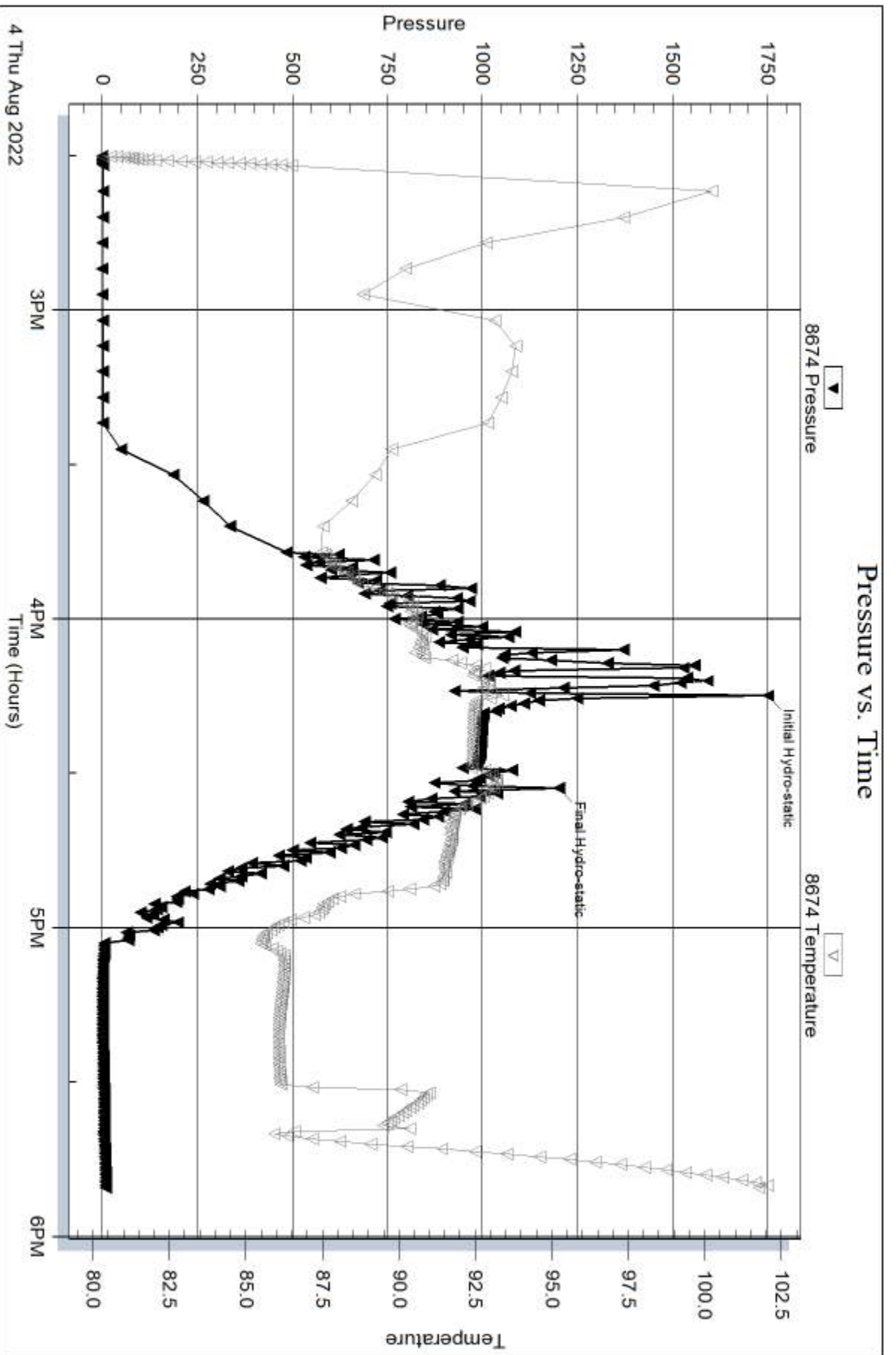
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

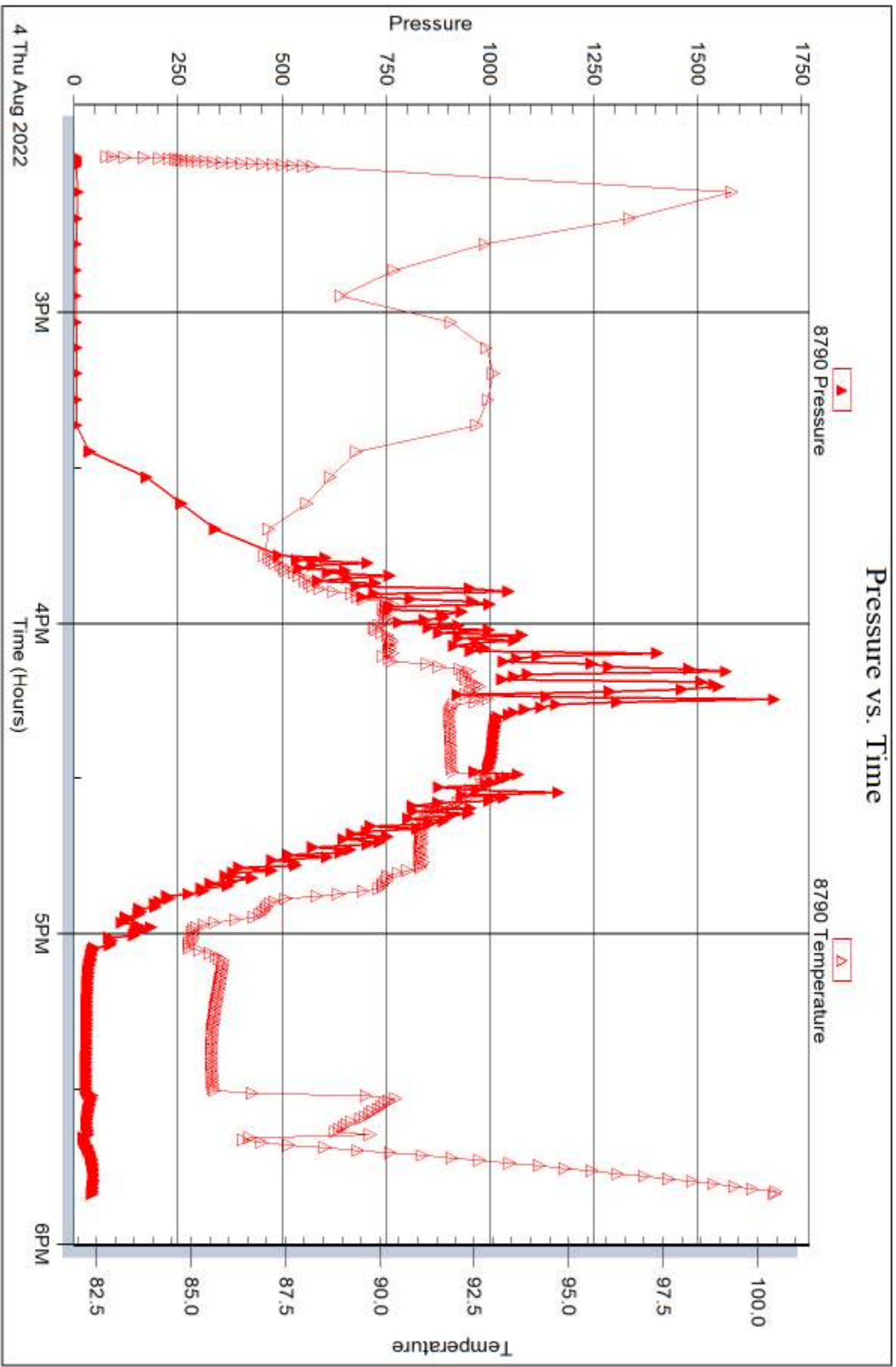


Serial #: 8790

Palomino Petroleum

Casablanca #3

DST Test Number: 1



Trilobite Testing, Inc

Ref. No: 67996

Printed: 2022.08.05 @ 07:06:14



DRILL STEM TEST REPORT

Prepared For: **Palomino Petroleum**

4924 SE 84th St
Newton, KS 67114

ATTN: Andrew Stenzel

Casablanca #3

14-20s-34w Scott,KS

Start Date: 2022.08.04 @ 14:29:57

End Date: 2022.08.04 @ 17:50:27

Job Ticket #: 67996 DST #: 1

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

Printed: 2022.08.12 @ 08:44:31



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Palomino Petroleum

14-20s-34w Scott,KS

4924 SE 84th St
New ton, KS 67114

Casablanca #3

Job Ticket: 67996

DST#: 1

ATTN: Andrew Stenzel

Test Start: 2022.08.04 @ 14:29:57

GENERAL INFORMATION:

Formation: **Krider**

Deviated: No Whipstock: ft (KB)

Time Tool Opened:

Time Test Ended: 17:50:27

Interval: 2631.00 ft (KB) To 2706.00 ft (KB) (TVD)

Total Depth: 2706.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Poor

Test Type: Conventional Bottom Hole (Initial)

Tester: Brandon Turley

Unit No: 79

Reference Elevations: 3018.00 ft (KB)

3007.00 ft (CF)

KB to GR/CF: 11.00 ft

Serial #: 8674

Press@RunDepth: psig @ ft (KB)

Start Date: 2022.08.04 End Date: 2022.08.04

Start Time: 14:30:02 End Time: 17:50:27

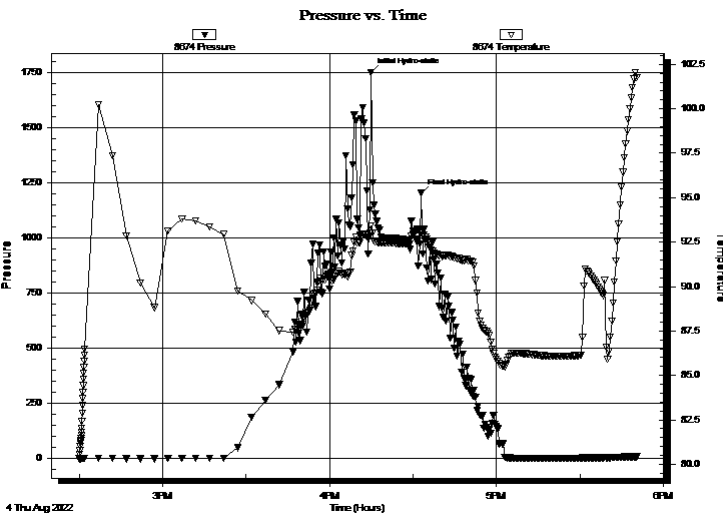
Capacity: 8000.00 psig

Last Calib.: 2022.08.04

Time On Btm: 2022.08.04 @ 16:14:57

Time Off Btm: 2022.08.04 @ 16:32:57

TEST COMMENT: Pushed something to 2076 then started taking to much w eight.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1749.83	93.43	Initial Hydro-static
18	1201.79	93.10	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00		0.00

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Palomino Petroleum

14-20s-34w Scott,KS

4924 SE 84th St
New ton, KS 67114

Casablanca #3

Job Ticket: 67996

DST#: 1

ATTN: Andrew Stenzel

Test Start: 2022.08.04 @ 14:29:57

Tool Information

Drill Pipe:	Length: 2098.00 ft	Diameter: 3.80 inches	Volume: 29.43 bbl	Tool Weight: 1500.00 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: 536.00 ft	Diameter: 2.25 inches	Volume: 2.64 bbl	Weight to Pull Loose: 64000.00 lb
			<u>Total Volume: 32.07 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	26.00 ft			String Weight: Initial 58000.00 lb
Depth to Top Packer:	2631.00 ft			Final 58000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	79.00 ft			
Tool Length:	102.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Stubb	1.00		Fluid	2609.00	
Shut In Tool	5.00			2614.00	
Hydraulic tool	5.00			2619.00	
Jars	5.00			2624.00	
Safety Joint	2.00			2626.00	
Packer	5.00			2631.00	23.00 Bottom Of Top Packer
Packer - Shale	4.00			2635.00	
Stubb	1.00			2636.00	
Recorder	0.00	8790	Inside	2636.00	
Recorder	0.00	8674	Outside	2636.00	
Perforations	6.00			2642.00	
Change Over Sub	1.00			2643.00	
Drill Pipe	63.00			2706.00	
Change Over Sub	1.00			2707.00	
Bullnose	3.00			2710.00	79.00 Anchor Tool

Total Tool Length: 102.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Palomino Petroleum

14-20s-34w Scott, KS

4924 SE 84th St
New ton, KS 67114

Casablanca #3

Job Ticket: 67996

DST#: 1

ATTN: Andrew Stenzel

Test Start: 2022.08.04 @ 14:29:57

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 10.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 35.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 0.00 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 48000.00 ppm

Filter Cake: 0.00 inches

Recovery Information

Recovery Table

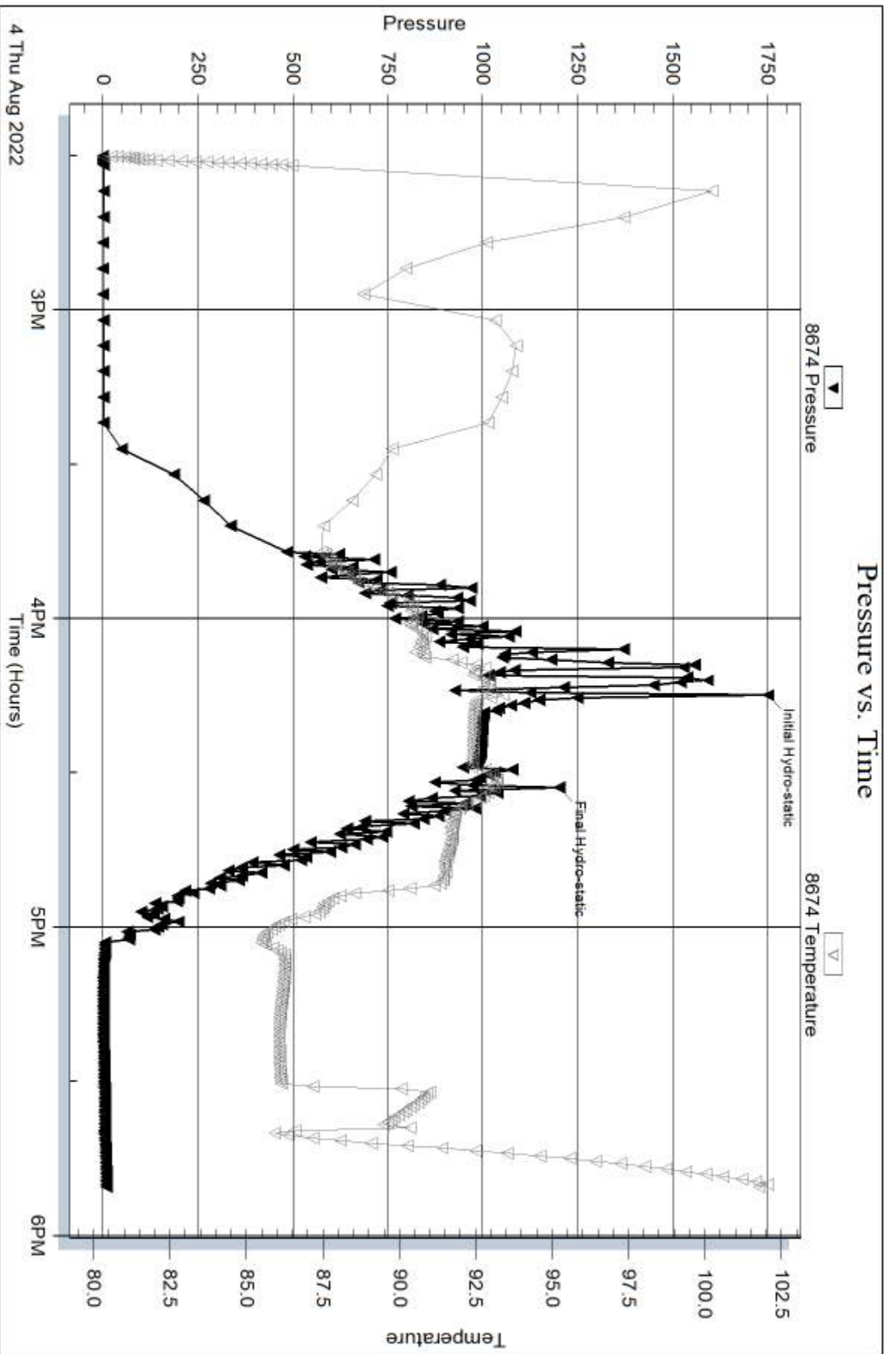
Length ft	Description	Volume bbl
0.00		0.000

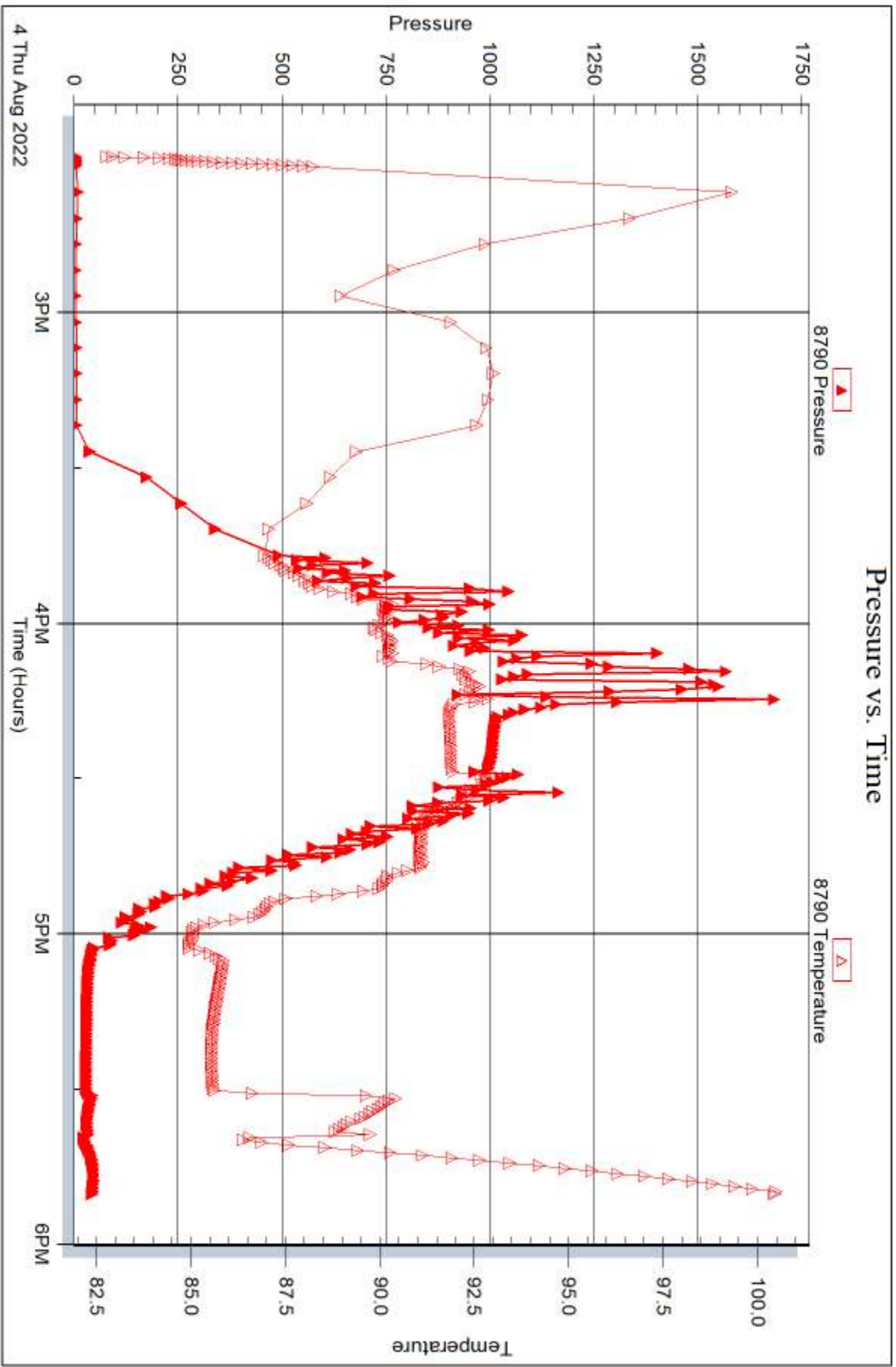
Total Length: ft Total Volume: bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments:







DRILL STEM TEST REPORT

Prepared For: **Palomino Petroleum**

4924 SE 84th St
Newton, KS 67114

ATTN: Andrew Stenzel

Casablanca #3

14-20s-34w Scott,KS

Start Date: 2022.08.04 @ 22:16:22

End Date: 2022.08.05 @ 04:48:22

Job Ticket #: 67997 DST #: 2

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

Printed: 2022.08.12 @ 08:44:06



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Palomino Petroleum

14-20s-34w Scott,KS

4924 SE 84th St
New ton, KS 67114

Casablanca #3

Job Ticket: 67997

DST#: 2

ATTN: Andrew Stenzel

Test Start: 2022.08.04 @ 22:16:22

GENERAL INFORMATION:

Formation: **Krider**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 00:29:22

Time Test Ended: 04:48:22

Test Type: Conventional Bottom Hole (Reset)

Tester: Brandon Turley

Unit No: 79

Interval: 2631.00 ft (KB) To 2706.00 ft (KB) (TVD)

Reference Elevations: 3018.00 ft (KB)

Total Depth: 2706.00 ft (KB) (TVD)

3007.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Poor

KB to GR/CF: 11.00 ft

Serial #: 8674 Outside

Press@RunDepth: 60.23 psig @ 2636.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2022.08.04

End Date:

2022.08.05

Last Calib.: 2022.08.05

Start Time: 22:16:27

End Time:

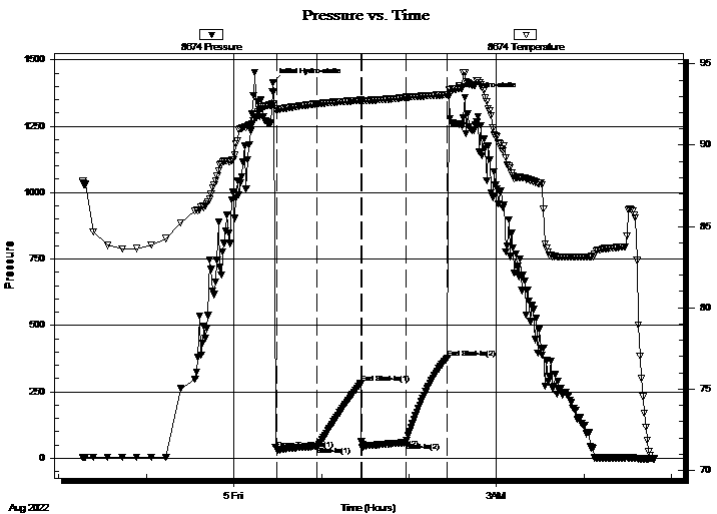
04:48:21

Time On Btm: 2022.08.05 @ 00:26:52

Time Off Btm: 2022.08.05 @ 02:27:22

TEST COMMENT: IF: BOB in 4 mins. 32"
IS: No return.
FF: BOB in 30 secs, 52"
FS: No return. 30s

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1413.88	92.54	Initial Hydro-static
3	32.77	92.21	Open To Flow (1)
30	44.93	92.54	Shut-In(1)
60	281.17	92.76	End Shut-In(1)
61	38.75	92.73	Open To Flow (2)
91	60.23	92.94	Shut-In(2)
120	377.40	93.11	End Shut-In(2)
121	1361.68	93.43	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
120.00	mud 100%m	0.59
0.00	1500 GIP Could not smell	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

14-20s-34w Scott,KS

4924 SE 84th St
New ton, KS 67114

Casablanca #3

Job Ticket: 67997

DST#: 2

ATTN: Andrew Stenzel

Test Start: 2022.08.04 @ 22:16:22

Tool Information

Drill Pipe:	Length: 2098.00 ft	Diameter: 3.80 inches	Volume: 29.43 bbl	Tool Weight: 1500.00 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: 536.00 ft	Diameter: 2.25 inches	Volume: 2.64 bbl	Weight to Pull Loose: 85000.00 lb
			<u>Total Volume: 32.07 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	26.00 ft			String Weight: Initial 62000.00 lb
Depth to Top Packer:	2631.00 ft			Final 62000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	79.00 ft			
Tool Length:	102.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Stubb	1.00		Fluid	2609.00	
Shut In Tool	5.00			2614.00	
Hydraulic tool	5.00			2619.00	
Jars	5.00			2624.00	
Safety Joint	2.00			2626.00	
Packer	5.00			2631.00	23.00 Bottom Of Top Packer
Packer - Shale	4.00			2635.00	
Stubb	1.00			2636.00	
Recorder	0.00	8790	Inside	2636.00	
Recorder	0.00	8674	Outside	2636.00	
Perforations	6.00			2642.00	
Change Over Sub	1.00			2643.00	
Drill Pipe	63.00			2706.00	
Change Over Sub	1.00			2707.00	
Bullnose	3.00			2710.00	79.00 Anchor Tool

Total Tool Length: 102.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Palomino Petroleum

14-20s-34w Scott,KS

4924 SE 84th St
New ton, KS 67114

Casablanca #3

Job Ticket: 67997

DST#: 2

ATTN: Andrew Stenzel

Test Start: 2022.08.04 @ 22:16:22

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: 35.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 0.00 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 48000.00 ppm

Filter Cake: 0.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
120.00	mud 100%m	0.590
0.00	1500 GIP Could not smell	0.000

Total Length: 120.00 ft

Total Volume: 0.590 bbl

Num Fluid Samples: 0

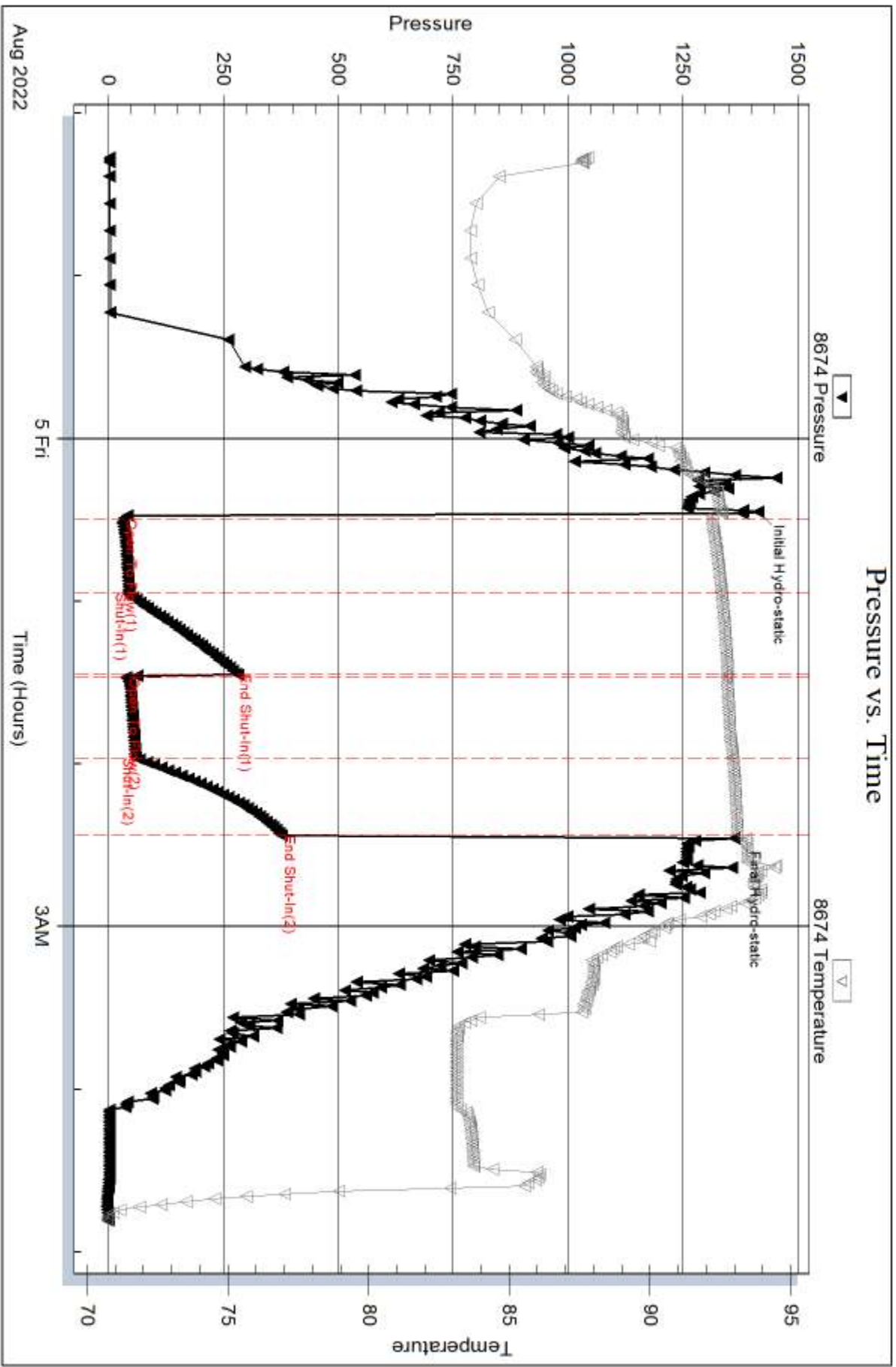
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



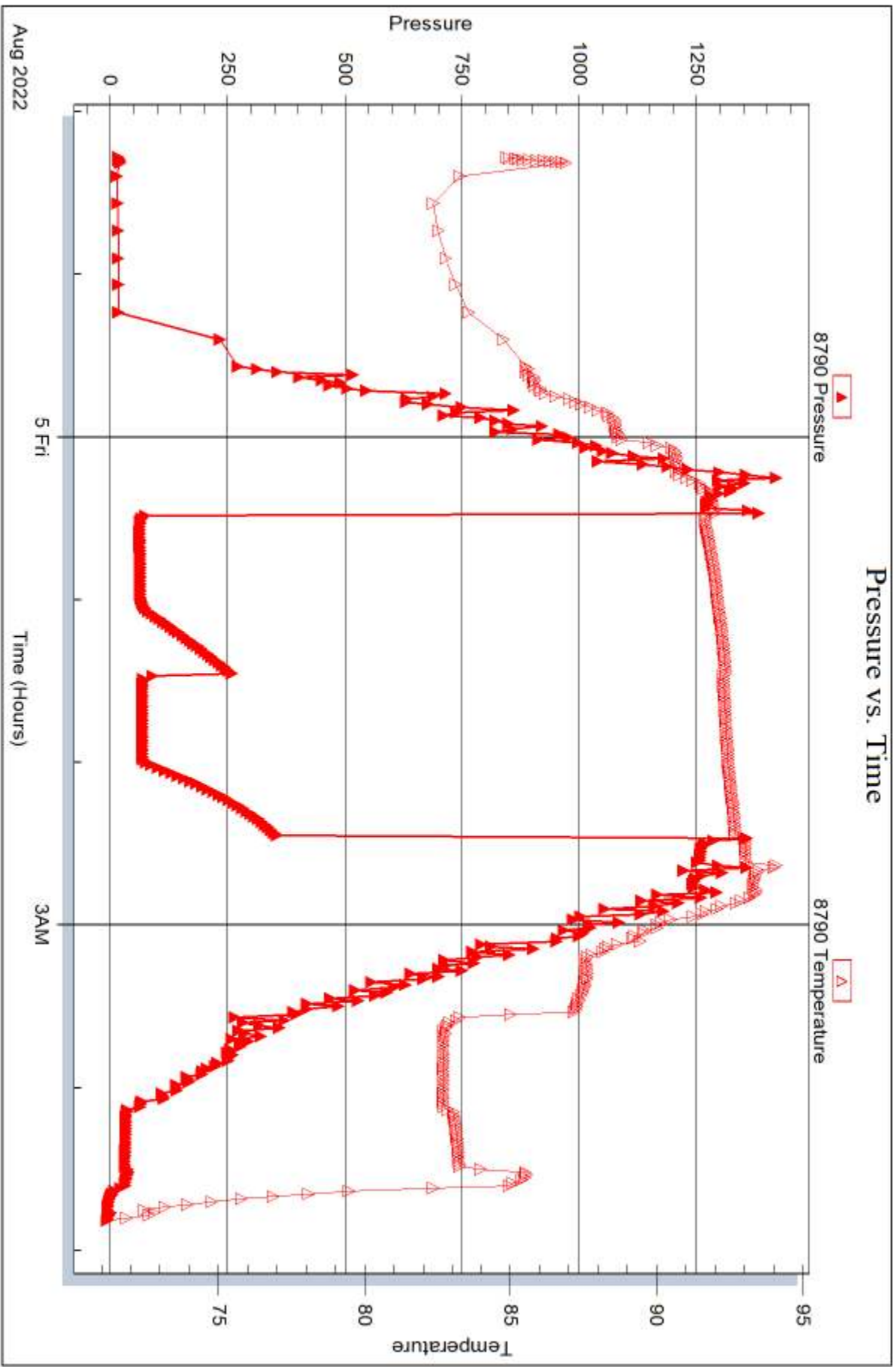
Serial #: 8790

Inside

Palomino Petroleum

Casablanca #3

DST Test Number: 2



Trilobite Testing, Inc

Ref. No: 67997

Printed: 2022.08.12 @ 08:44:07



DRILL STEM TEST REPORT

Prepared For: **Palomino Petroleum**

4924 SE 84th St
Newton, KS 67114

ATTN: Andrew Stenzel

Casablanca #3

14-20s-34w Scott,KS

Start Date: 2022.08.08 @ 08:49:00

End Date: 2022.08.08 @ 16:58:00

Job Ticket #: 68146 DST #: 3

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

Printed: 2022.08.12 @ 08:42:46



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Palomino Petroleum

14-20s-34w Scott,KS

4924 SE 84th St
New ton, KS 67114

Casablanca #3

Job Ticket: 68146

DST#: 3

ATTN: Andrew Stenzel

Test Start: 2022.08.08 @ 08:49:00

GENERAL INFORMATION:

Formation: **Marmaton**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 11:16:30

Time Test Ended: 16:58:00

Test Type: Conventional Bottom Hole (Reset)

Tester: Walt

Unit No: 78

Interval: 4374.00 ft (KB) To 4480.00 ft (KB) (TVD)

Reference Elevations: 3018.00 ft (KB)

Total Depth: 4489.00 ft (KB) (TVD)

3007.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 11.00 ft

Serial #: 8845 Outside

Press@RunDepth: 220.96 psig @ 4375.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2022.08.08

End Date: 2022.08.08

Last Calib.: 2022.08.08

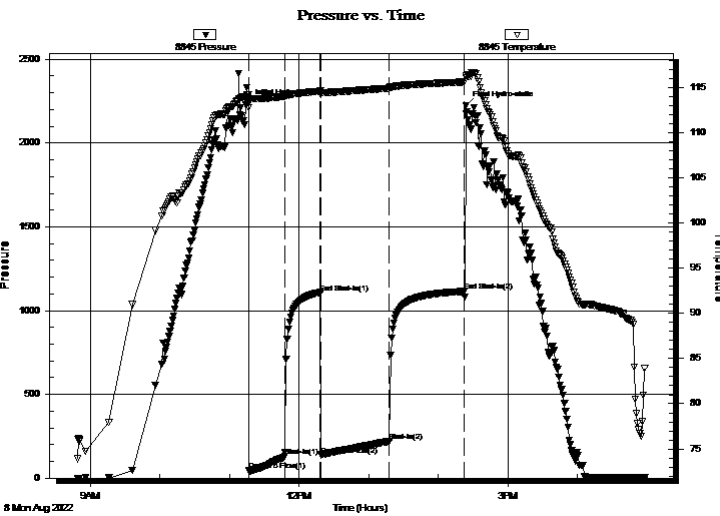
Start Time: 08:49:05

End Time: 16:57:59

Time On Btm: 2022.08.08 @ 11:16:15

Time Off Btm: 2022.08.08 @ 14:24:00

TEST COMMENT: IF: 9 3/4" blow .
IS: No return.
FF: 11 3/4 " blow .
FS: no return. 30-30-60-60



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2235.71	114.16	Initial Hydro-static
1	47.46	112.73	Open To Flow (1)
32	128.23	113.99	Shut-In(1)
62	1103.77	114.57	End Shut-In(1)
63	139.23	114.18	Open To Flow (2)
122	220.96	114.90	Shut-In(2)
186	1114.78	115.58	End Shut-In(2)
188	2222.47	116.30	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
430.00	mcw 3m 97w (oil spots)	3.85

* Recovery from multiple tests

Gas Rates

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



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Palomino Petroleum

14-20s-34w Scott, KS

4924 SE 84th St
New ton, KS 67114

Casablanca #3

Job Ticket: 68146

DST#: 3

ATTN: Andrew Stenzel

Test Start: 2022.08.08 @ 08:49:00

GENERAL INFORMATION:

Formation: **Marmaton**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 11:16:30

Time Test Ended: 16:58:00

Test Type: Conventional Bottom Hole (Reset)

Tester: Walt

Unit No: 78

Interval: **4374.00 ft (KB) To 4480.00 ft (KB) (TVD)**

Reference Elevations: 3018.00 ft (KB)

Total Depth: 4489.00 ft (KB) (TVD)

3007.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 11.00 ft

Serial #: 8319 Inside

Press@RunDepth: psig @ 4375.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2022.08.08

End Date: 2022.08.08

Last Calib.: 2022.08.08

Start Time: 08:49:05

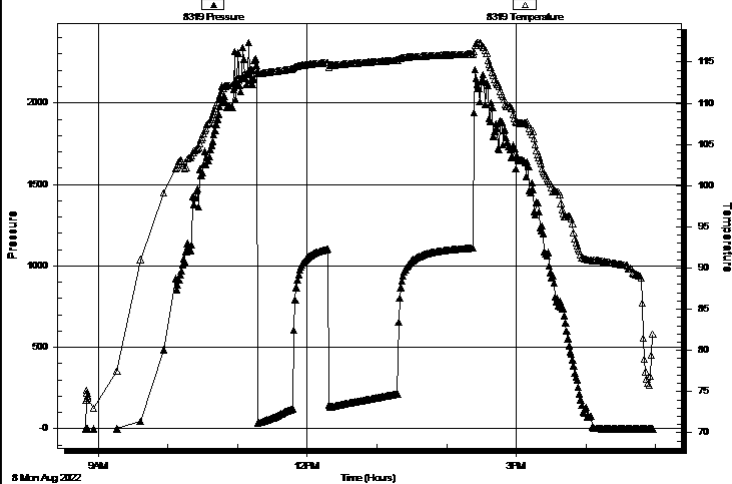
End Time: 16:57:59

Time On Btm:

Time Off Btm:

TEST COMMENT: IF: 9 3/4" blow .
IS: No return.
FF: 11 3/4 " blow .
FS: no return. 30-30-60-60

Pressure vs. Time



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
430.00	mcw 3m 97w (oil spots)	3.85

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

14-20s-34w Scott,KS

4924 SE 84th St
New ton, KS 67114

Casablanca #3

Job Ticket: 68146

DST#: 3

ATTN: Andrew Stenzel

Test Start: 2022.08.08 @ 08:49:00

Tool Information

Drill Pipe:	Length: 4126.00 ft	Diameter: 3.80 inches	Volume: 57.88 bbl	Tool Weight:	1500.00 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: 240.00 ft	Diameter: 2.25 inches	Volume: 1.18 bbl	Weight to Pull Loose:	80000.00 lb
			<u>Total Volume: 59.06 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	22.00 ft			String Weight: Initial	67000.00 lb
Depth to Top Packer:	4374.00 ft			Final	68000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	106.00 ft				
Tool Length:	136.00 ft				
Number of Packers:	2	Diameter: 6.75 inches			
Tool Comments:					

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4345.00	
Shut In Tool	5.00			4350.00	
Hydraulic tool	5.00			4355.00	
Jars	5.00			4360.00	
EM Tool	3.00			4363.00	
Safety Joint	2.00			4365.00	
Packer	5.00			4370.00	30.00 Bottom Of Top Packer
Packer	4.00			4374.00	
Stubb	1.00			4375.00	
Recorder	0.00	8319	Inside	4375.00	
Recorder	0.00	8845	Outside	4375.00	
Perforations	6.00			4381.00	
Change Over Sub	1.00			4382.00	
Drill Pipe	94.00			4476.00	
Change Over Sub	1.00			4477.00	
Bullnose	3.00			4480.00	106.00 Bottom Packers & Anchor
Total Tool Length:	136.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Palomino Petroleum

14-20s-34w Scott,KS

4924 SE 84th St
New ton, KS 67114

Casablanca #3

Job Ticket: 68146

DST#: 3

ATTN: Andrew Stenzel

Test Start: 2022.08.08 @ 08:49:00

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:

32000 ppm

Viscosity: 54.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.78 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 3000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
430.00	mcw 3m 97w (oil spots)	3.845

Total Length: 430.00 ft Total Volume: 3.845 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

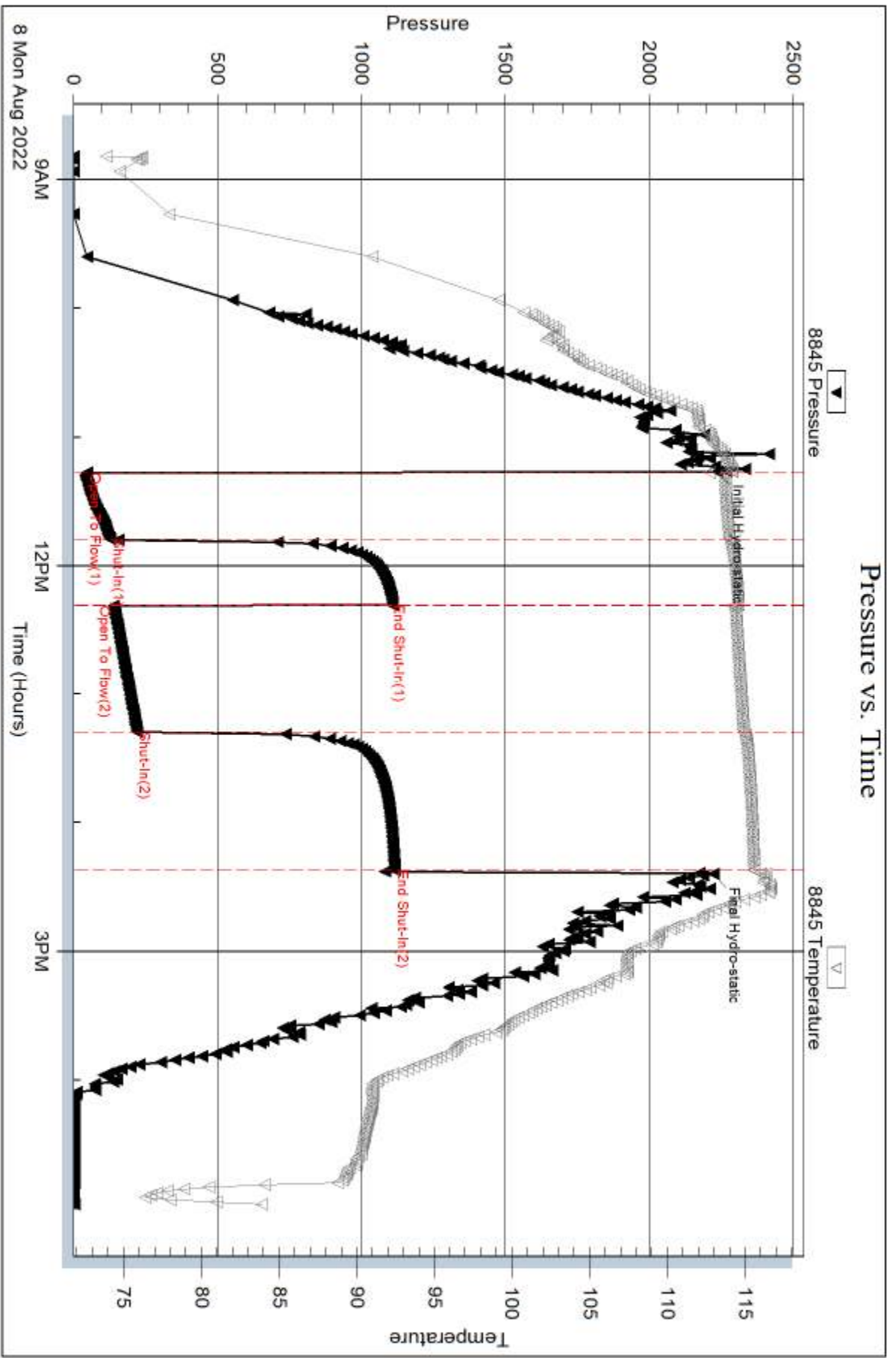
Recovery Comments: rw is .163 @ 89f = 32000ppm

Serial #: 8845

Outside Palomino Petroleum

Casablanca #3

DST Test Number: 3



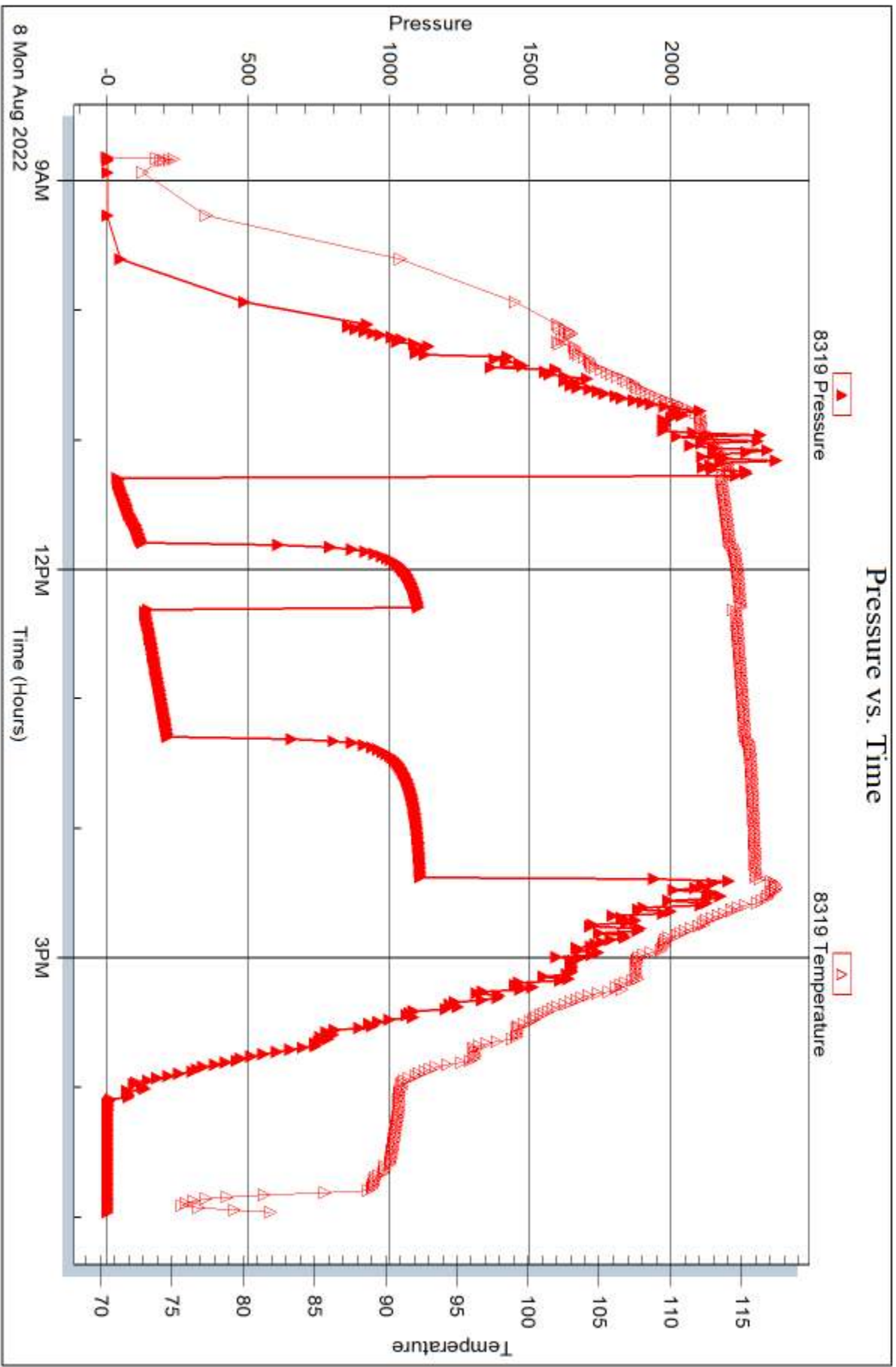
Serial #: 8319

Inside

Palomino Petroleum

Casablanca #3

DST Test Number: 3



Trilobite Testing, Inc

Ref. No: 68146

Printed: 2022.08.12 @ 08:42:55



DRILL STEM TEST REPORT

Prepared For: **Palomino Petroleum**

4924 SE 84th St
Newton, KS 67114

ATTN: Andrew Stenzel

Casablanca #3

14-20s-34w Scott,KS

Start Date: 2022.08.09 @ 04:05:00

End Date: 2022.08.09 @ 12:24:15

Job Ticket #: 68147 DST #: 4

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

Printed: 2022.08.12 @ 08:42:11



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Palomino Petroleum

14-20s-34w Scott,KS

4924 SE 84th St
New ton, KS 67114

Casablanca #3

Job Ticket: 68147

DST#: 4

ATTN: Andrew Stenzel

Test Start: 2022.08.09 @ 04:05:00

GENERAL INFORMATION:

Formation: **Pawnee**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 06:11:45

Time Test Ended: 12:24:15

Test Type: Conventional Bottom Hole (Reset)

Tester: Walt

Unit No: 78

Interval: 4485.00 ft (KB) To 4543.00 ft (KB) (TVD)

Reference Elevations: 3018.00 ft (KB)

Total Depth: 4485.00 ft (KB) (TVD)

3007.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 11.00 ft

Serial #: 8845 Outside

Press@RunDepth: 241.87 psig @ 4486.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2022.08.09

End Date:

2022.08.09

Last Calib.:

2022.08.09

Start Time:

04:05:05

End Time:

12:24:14

Time On Btm:

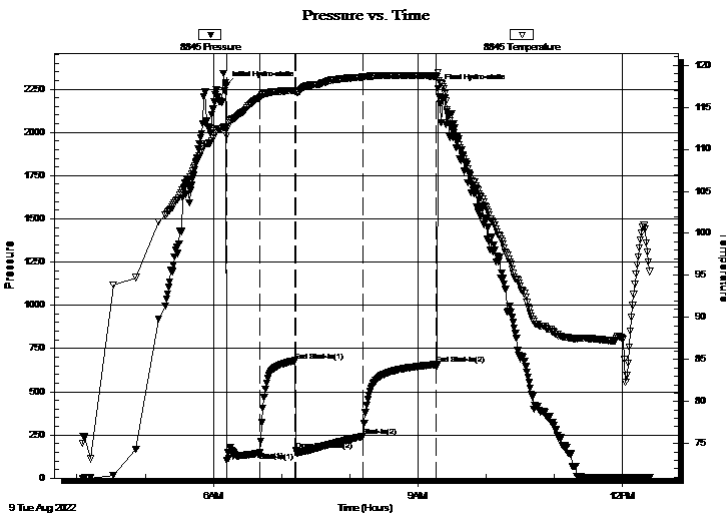
2022.08.09 @ 06:11:15

Time Off Btm:

2022.08.09 @ 09:17:45

TEST COMMENT: IF: BOB @ 4 min. - 93.6" blow .
IS: 19.5" return
FF: BOB @ 6 min. - 68.5" blow .
FS: 37.1" return

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2269.32	112.68	Initial Hydro-static
1	102.01	111.61	Open To Flow (1)
30	146.99	116.17	Shut-In(1)
61	679.58	117.01	End Shut-In(1)
62	159.78	116.87	Open To Flow (2)
121	241.87	118.58	Shut-In(2)
185	657.43	118.69	End Shut-In(2)
187	2251.99	119.14	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
120.00	gmco 40g 30m 30o	0.59
120.00	gmco 30g 10m 60o	0.59
560.00	go 35g 65o	7.86
0.00	2900' 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

14-20s-34w Scott,KS

4924 SE 84th St
New ton, KS 67114

Casablanca #3

Job Ticket: 68147

DST#: 4

ATTN: Andrew Stenzel

Test Start: 2022.08.09 @ 04:05:00

Tool Information

Drill Pipe:	Length: 4222.00 ft	Diameter: 3.80 inches	Volume: 59.22 bbl	Tool Weight:	1500.00 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: 240.00 ft	Diameter: 2.25 inches	Volume: 1.18 bbl	Weight to Pull Loose:	78000.00 lb
			<u>Total Volume: 60.40 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	7.00 ft			String Weight: Initial	66000.00 lb
Depth to Top Packer:	4485.00 ft			Final	67000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	58.00 ft				
Tool Length:	88.00 ft				
Number of Packers:	2	Diameter: 6.75 inches			

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4456.00	
Shut In Tool	5.00			4461.00	
Hydraulic tool	5.00			4466.00	
Jars	5.00			4471.00	
EM Tool	3.00			4474.00	
Safety Joint	2.00			4476.00	
Packer	5.00			4481.00	30.00 Bottom Of Top Packer
Packer	4.00			4485.00	
Stubb	1.00			4486.00	
Recorder	0.00	8319	Inside	4486.00	
Recorder	0.00	8845	Outside	4486.00	
Perforations	21.00			4507.00	
Change Over Sub	1.00			4508.00	
Drill Pipe	31.00			4539.00	
Change Over Sub	1.00			4540.00	
Bullnose	3.00			4543.00	58.00 Bottom Packers & Anchor
Total Tool Length:	88.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Palomino Petroleum

14-20s-34w Scott,KS

4924 SE 84th St
New ton, KS 67114

Casablanca #3

Job Ticket: 68147

DST#: 4

ATTN: Andrew Stenzel

Test Start: 2022.08.09 @ 04:05:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

30 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 50.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.98 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 4000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
120.00	gmco 40g 30m 30o	0.590
120.00	gmco 30g 10m 60o	0.590
560.00	go 35g 65o	7.855
0.00	2900' GIP	0.000

Total Length: 800.00 ft

Total Volume: 9.035 bbl

Num Fluid Samples: 0

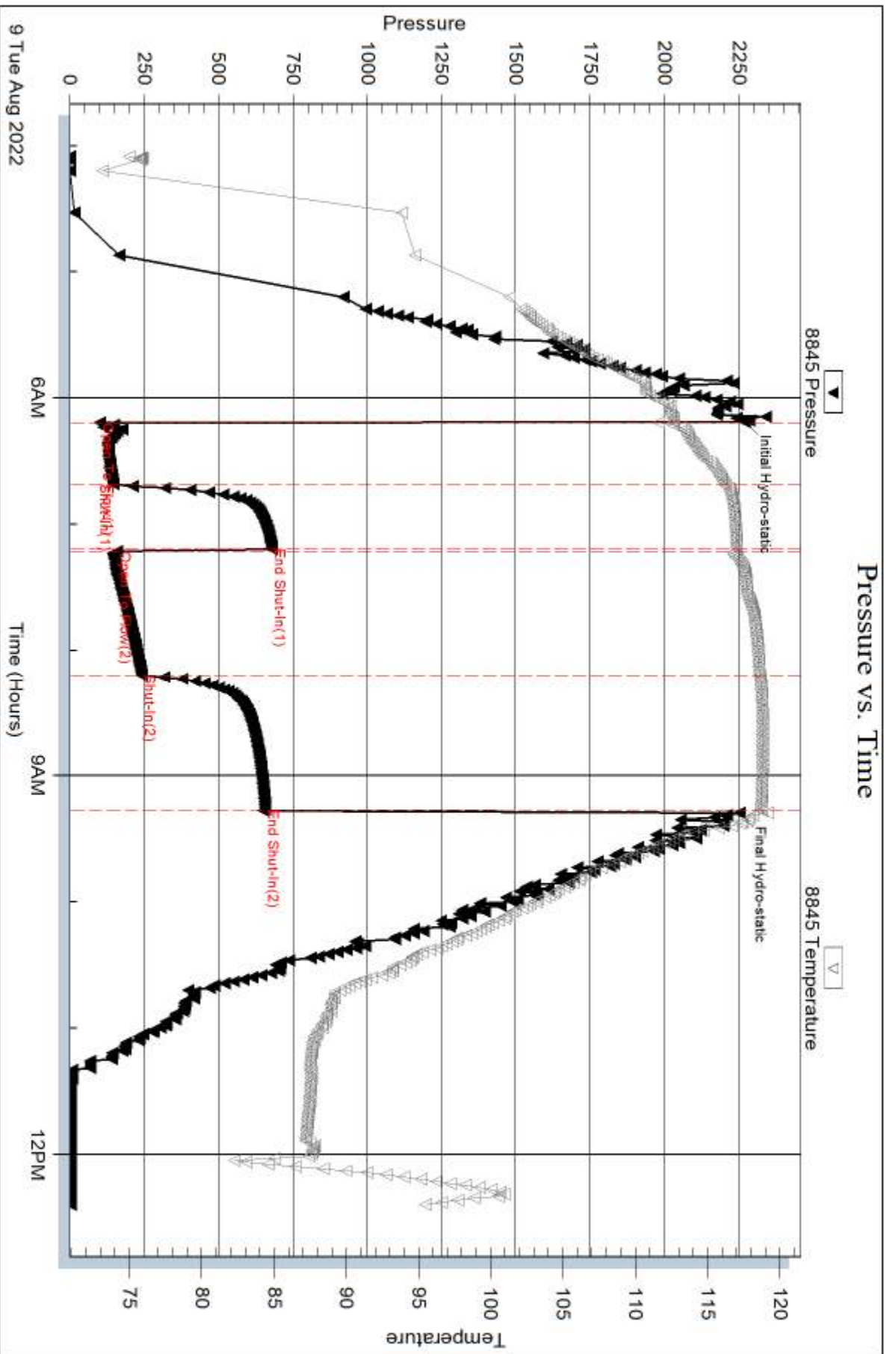
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



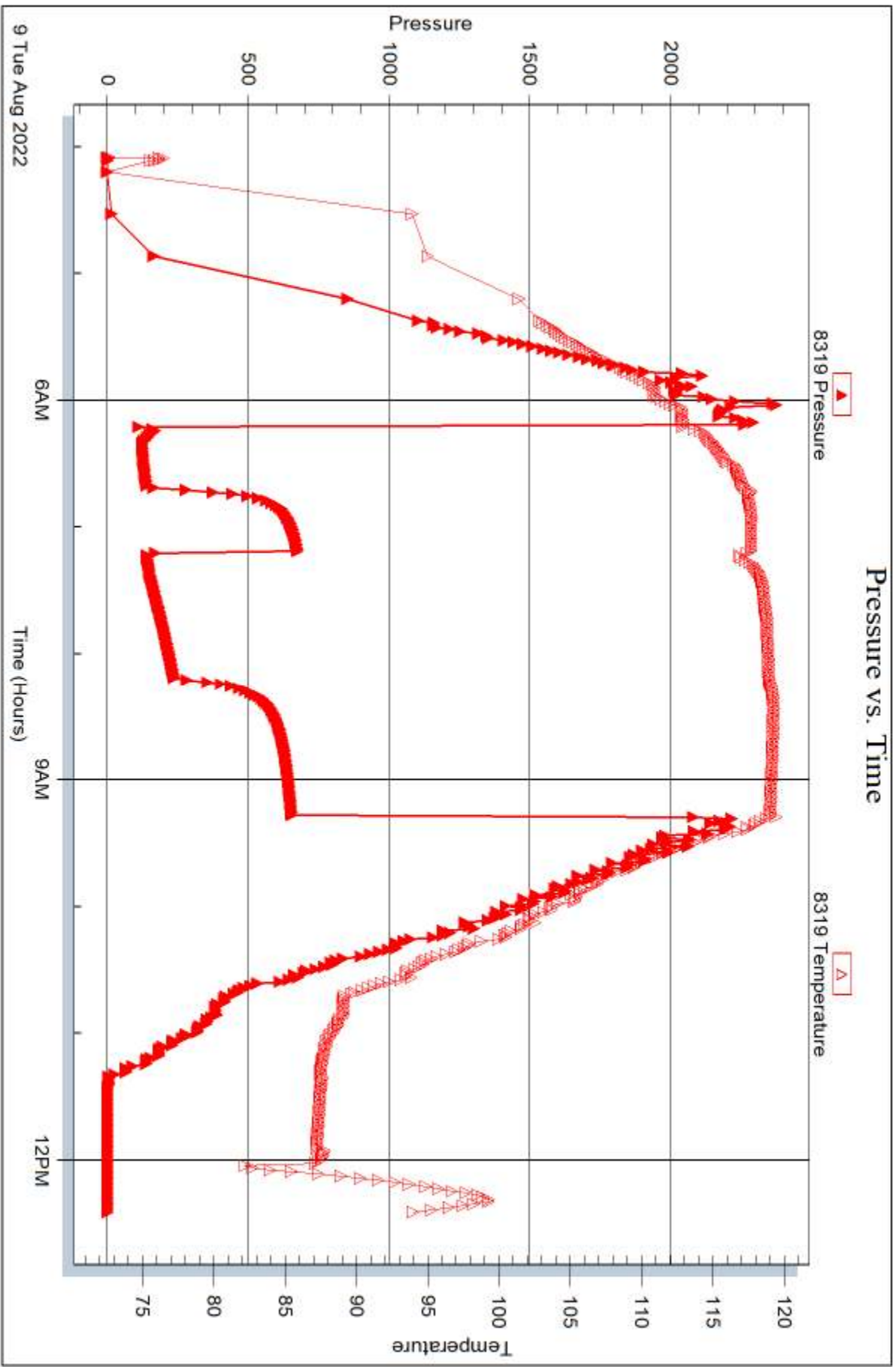
Serial #: 8319

Inside

Palomino Petroleum

Casablanca #3

DST Test Number: 4



Trilobite Testing, Inc

Ref. No: 68147

Printed: 2022.08.12 @ 08:42:12



DRILL STEM TEST REPORT

Prepared For: **Palomino Petroleum**

4924 SE 84th St
Newton, KS 67114

ATTN: Andrew Stenzel

Casablanca #3

14-20-34 Scott,KS

Start Date: 2022.08.11 @ 00:38:00

End Date: 2022.08.11 @ 07:44:15

Job Ticket #: 68148 DST #: 5

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

Printed: 2022.08.12 @ 08:37:54



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Palomino Petroleum

14-20-34 Scott, KS

4924 SE 84th St
New ton, KS 67114

Casablanca #3

Job Ticket: 68148

DST#: 5

ATTN: Andrew Stenzel

Test Start: 2022.08.11 @ 00:38:00

GENERAL INFORMATION:

Formation: **LKC K**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 03:17:45

Time Test Ended: 07:44:15

Test Type: Conventional Straddle (Reset)

Tester: Walt

Unit No: 78

Interval: 4245.00 ft (KB) To 4289.00 ft (KB) (TVD)

Reference Elevations: 3018.00 ft (KB)

Total Depth: 4939.00 ft (KB) (TVD)

3007.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 11.00 ft

Serial #: 8874 Outside

Press@RunDepth: 525.54 psig @ 4247.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2022.08.11

End Date:

2022.08.11

Last Calib.:

2022.08.11

Start Time: 00:38:05

End Time:

07:44:14

Time On Btm:

2022.08.11 @ 03:17:15

Time Off Btm:

2022.08.11 @ 04:46:00

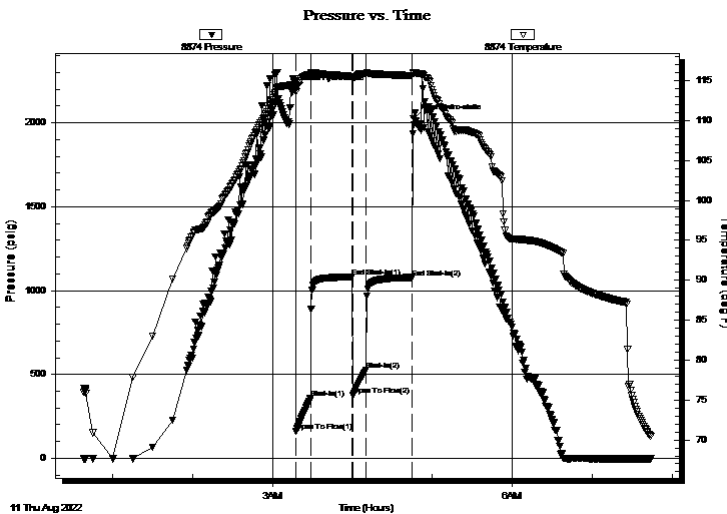
TEST COMMENT: IF: BOB @ 1.5 min. - 52.5"

IS: No return.

FF: BOB @ 2 min. 41.6"

FS: No return. 10-30-10-30

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2200.78	114.57	Initial Hydro-static
1	159.06	113.63	Open To Flow (1)
12	358.81	115.79	Shut-In(1)
43	1081.14	115.56	End Shut-In(1)
43	375.81	115.33	Open To Flow (2)
53	525.54	115.92	Shut-In(2)
88	1078.37	115.65	End Shut-In(2)
89	2026.03	115.95	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
1180.00	mcw 2m 98w (Oil spots in tool)	14.37

* 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

14-20-34 Scott, KS

Casablanca #3

Job Ticket: 68148 **DST#: 5**

Test Start: 2022.08.11 @ 00:38:00

GENERAL INFORMATION:

Formation: **LKC K**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 03:17:45

Time Test Ended: 07:44:15

Test Type: Conventional Straddle (Reset)

Tester: Walt

Unit No: 78

Interval: 4245.00 ft (KB) To 4289.00 ft (KB) (TVD)

Reference Elevations: 3018.00 ft (KB)

Total Depth: 4939.00 ft (KB) (TVD)

3007.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 11.00 ft

Serial #: 8319 Inside

Press@RunDepth: psig @ 4247.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2022.08.11 End Date: 2022.08.11

Last Calib.: 2022.08.11

Start Time: 00:38:05 End Time: 07:44:29

Time On Btm:

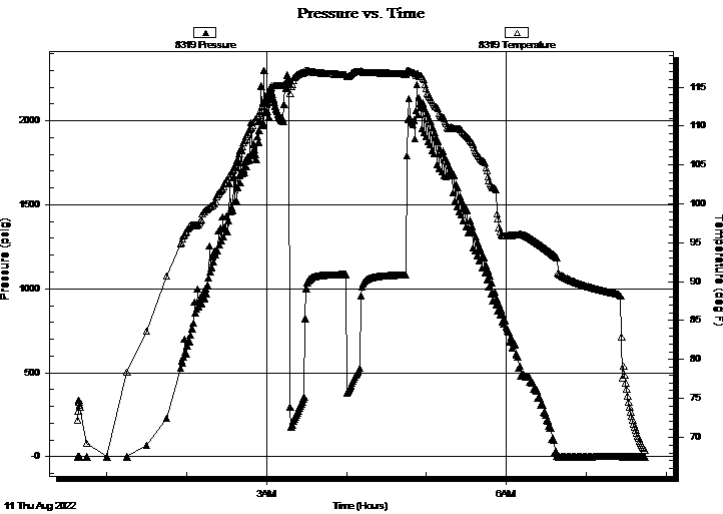
Time Off Btm:

TEST COMMENT: IF: BOB @ 1.5 min. - 52.5"

IS: No return.

FF: BOB @ 2 min. 41.6"

FS: No return. 10-30-10-30



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
1180.00	mcw 2m 98w (Oil spots in tool)	14.37

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

14-20-34 Scott, KS

4924 SE 84th St
New ton, KS 67114

Casablanca #3

Job Ticket: 68148

DST#: 5

ATTN: Andrew Stenzel

Test Start: 2022.08.11 @ 00:38:00

Tool Information

Drill Pipe:	Length: 4000.00 ft	Diameter: 3.80 inches	Volume: 56.11 bbl	Tool Weight: 1500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 30000.00 lb
Drill Collar:	Length: 240.00 ft	Diameter: 2.25 inches	Volume: 1.18 bbl	Weight to Pull Loose: 85000.00 lb
			<u>Total Volume: 57.29 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	25.00 ft			String Weight: Initial 67000.00 lb
Depth to Top Packer:	4245.00 ft			Final 71000.00 lb
Depth to Bottom Packer:	4286.00 ft			
Interval between Packers:	41.00 ft			
Tool Length:	724.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

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

Change Over Sub	1.00			4216.00	
Shut In Tool	5.00			4221.00	
Hydraulic tool	5.00			4226.00	
Jars	5.00			4231.00	
EM Tool	3.00			4234.00	
Safety Joint	2.00			4236.00	
Packer	5.00			4241.00	30.00 Bottom Of Top Packer
Packer	4.00			4245.00	
Stubb	1.00			4246.00	
Perforations	1.00			4247.00	
Recorder	0.00	8319	Inside	4247.00	
Recorder	0.00	8874	Outside	4247.00	
Change Over Sub	1.00			4248.00	
Drill Pipe	31.00			4279.00	
Change Over Sub	1.00			4280.00	
Perforations	5.00			4285.00	
Blank Off Sub	1.00			4286.00	41.00 Tool Interval
Packer	3.00			4289.00	
Blank Spacing	1.00			4290.00	
Recorder	0.00	8845	Below	4290.00	
Perforations	10.00			4300.00	
Change Over Sub	1.00			4301.00	
Drill Pipe	634.00			4935.00	
Change Over Sub	1.00			4936.00	
Bullnose	3.00			4939.00	653.00 Bottom Packers & Anchor

Total Tool Length: 724.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Palomino Petroleum

14-20-34 Scott, KS

4924 SE 84th St
New ton, KS 67114

Casablanca #3

Job Ticket: 68148

DST#: 5

ATTN: Andrew Stenzel

Test Start: 2022.08.11 @ 00:38:00

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:

44000 ppm

Viscosity: 54.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.78 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 5000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
1180.00	mcw 2m 98w (Oil spots in tool)	14.366

Total Length: 1180.00 ft Total Volume: 14.366 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

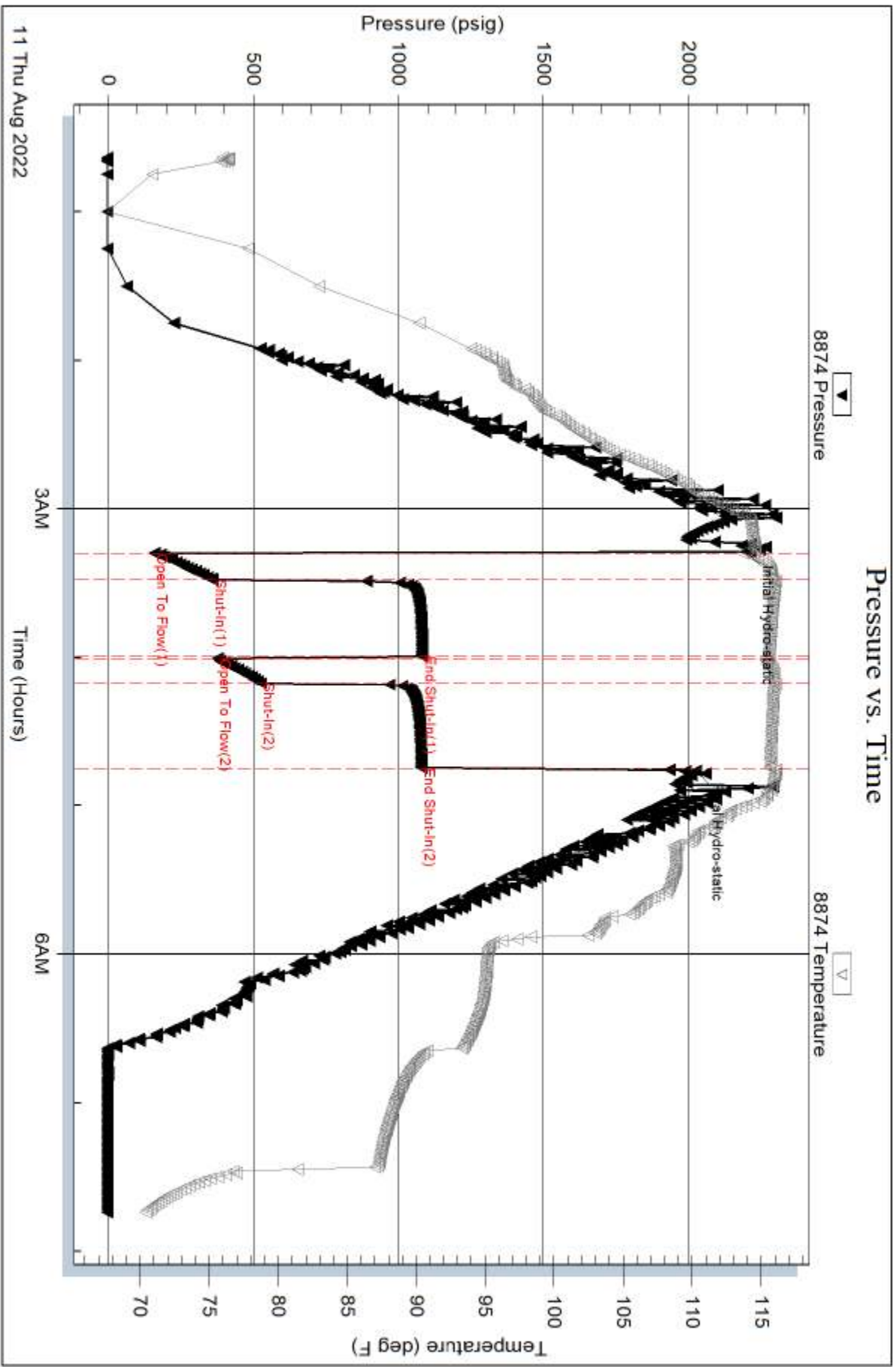
Recovery Comments: rw is .160 @ 71F = 44000ppm

Serial #: 8874

Outside Palomino Petroleum

Casablanca #3

DST Test Number: 5



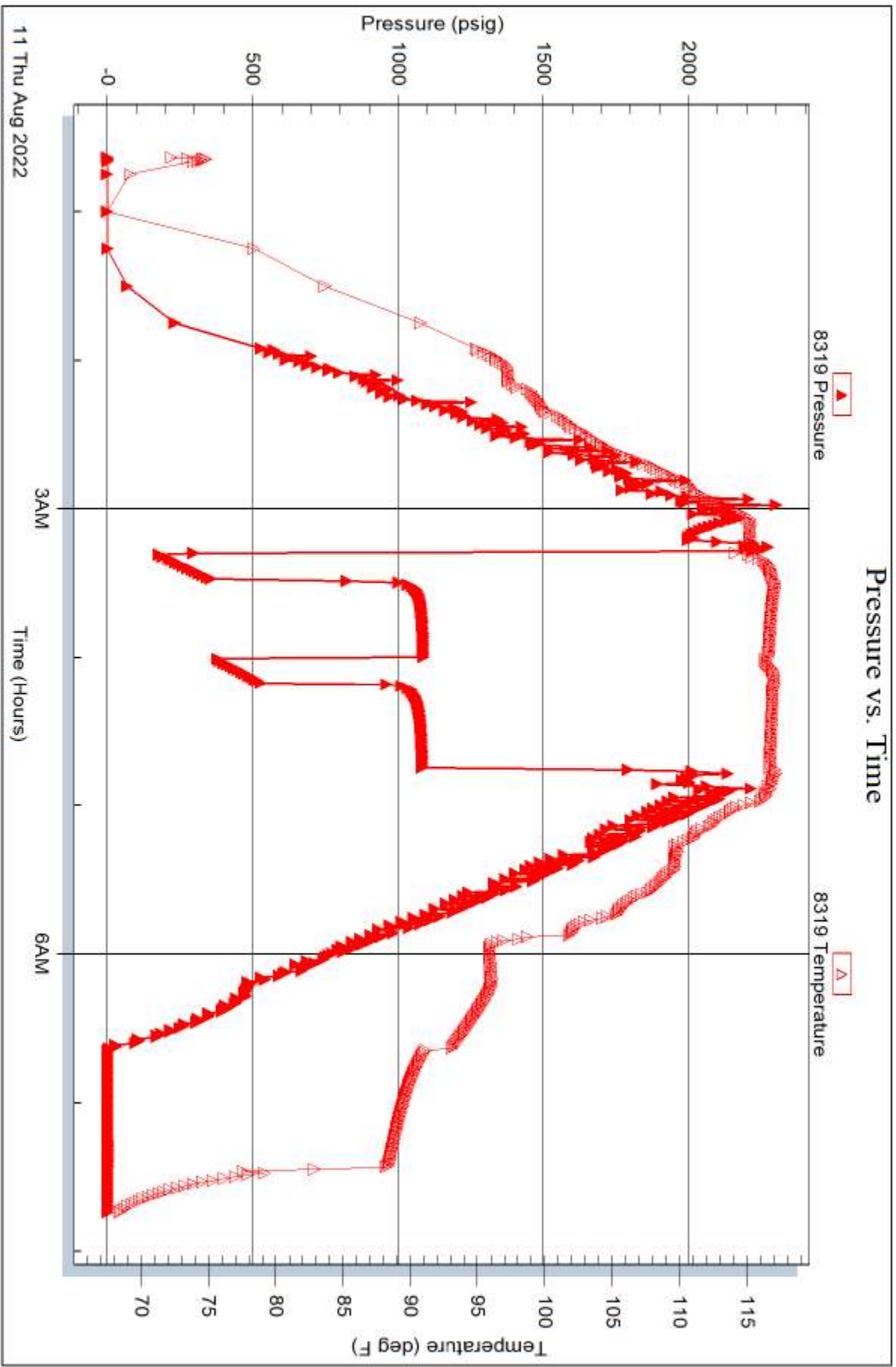
Serial #: 8319

Inside

Palomino Petroleum

Casablanca #3

DST Test Number: 5



Trilobite Testing, Inc

Ref. No: 68148

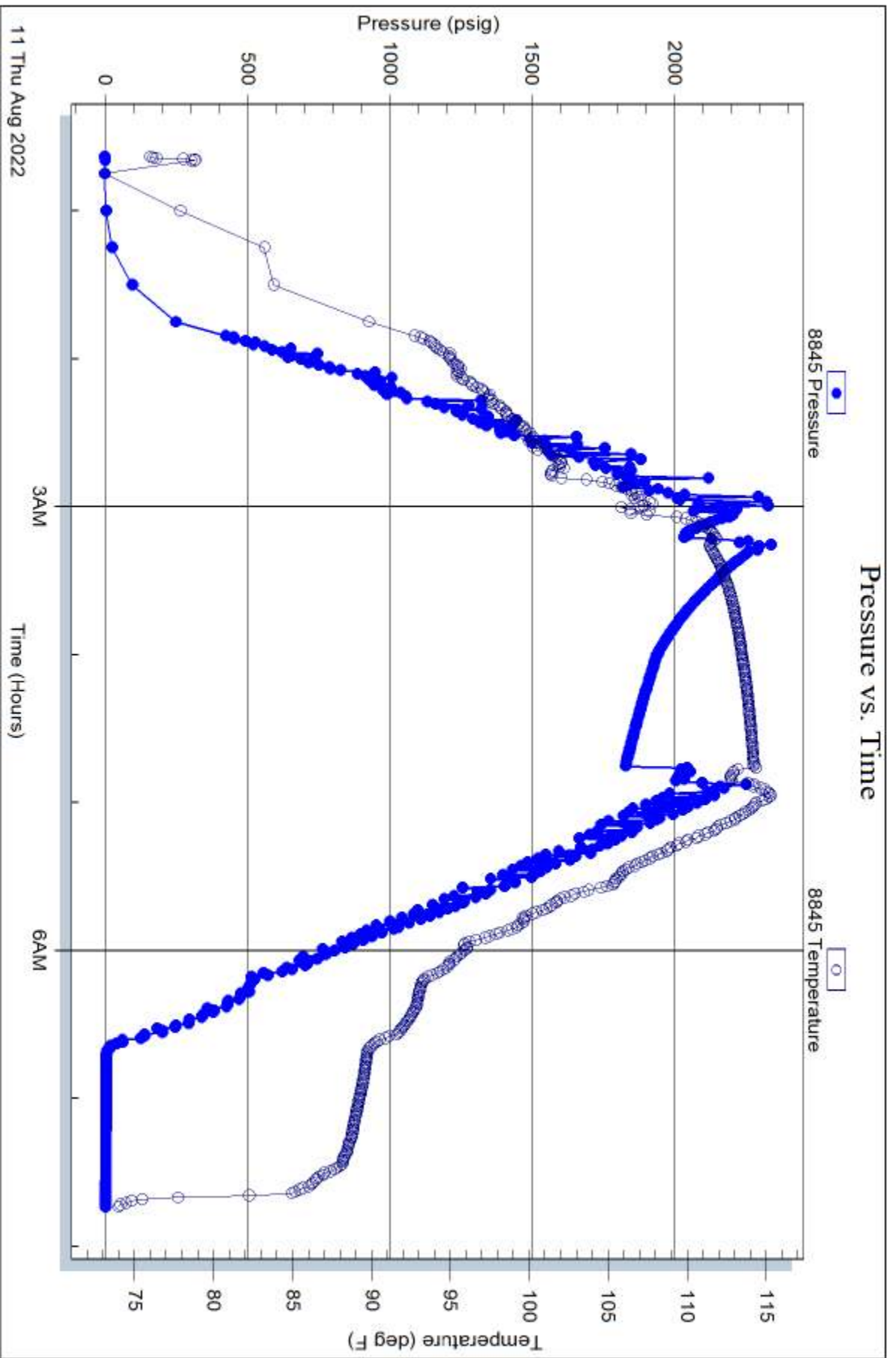
Printed: 2022.08.12 @ 08:38:00

Serial #: 8845

Below (Str Rattenho Petroleum

Casablanca #3

DST Test Number: 5





TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 67996

Well Name & No. C959blmcr #3 Test No. 1 Date 8-4-22
 Company Palomino Petroleum Elevation 3018 KB 3007 GL
 Address 4924 SE 84th St Newton, KS 67114
 Co. Rep / Geo. Andrew Stenzel Rig _____
 Location: Sec. 14 Twp 20 Rge. 34 Co. Scott State KS

Interval Tested 2631 2706 Zone Tested Krider
 Anchor Length 75 Drill Pipe Run 2098 Mud Wt. 9.8
 Top Packer Depth 2626 Drill Collars Run 536 Vis 35
 Bottom Packer Depth 2631 Wt. Pipe Run — WL N/C
 Total Depth 2706 Chlorides 48000 ppm System LCM 6

Blow Description Push something to 2076 then started taking to much weight

Rec	Feet of	%gas	%oil	%water	%mud
0					

Rec Total 0 BHT 93 Gravity — API RW — @ — °F Chlorides — ppm

(A) Initial Hydrostatic 1749 Test 1350 T-On Location 12:35
 (B) First Initial Flow _____ Jars 300 T-Started 14:29
 (C) First Final Flow _____ Safety Joint _____ T-Open 17:50
 (D) Initial Shut-In _____ Circ Sub N/C T-Pulled _____
 (E) Second Initial Flow _____ Hourly Standby _____ T-Out 17:50
 (F) Second Final Flow _____ Mileage 40-60 Comments _____
 (G) Final Shut-In _____ Sampler _____
 (H) Final Hydrostatic 1201 Straddle _____ EM Tool _____
 Initial Open — Extra Packer _____ Ruined Shale Packer _____
 Initial Shut-In — Extra Recorder _____ Ruined Packer _____
 Final Flow — Day Standby _____ Extra Copies _____
 Final Shut-In — Accessibility _____ Sub Total 0
 Sub Total 1960 Total 1960 MP/DST Disc't _____

Approved By _____ Our Representative [Signature]

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



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 67997

Well Name & No. C95961mca #3 Test No. 2 Date 8-4-22
 Company Palomino Petroleum Elevation 3018 KB 3007 GL
 Address _____
 Co. Rep / Geo. Andrew Steazel Rig Martin 21
 Location: Sec. 14 Twp 20 Rge. 34 Co. Scott State KS

Interval Tested 2631 2706 Zone Tested Krider
 Anchor Length 75 Drill Pipe Run 2098 Mud Wt. 9.8
 Top Packer Depth 2626 Drill Collars Run 536 Vis 35
 Bottom Packer Depth 2631 Wt. Pipe Run _____ WL NIC
 Total Depth 2706 Chlorides 48000 ppm System LCM 6
 Blow Description #F: BOB in 4 min. 32"
IS: No return.
FF: BOB in sec. 50"
F5: No return.

Rec	Feet of	%gas	%oil	%water	%mud
<u>120</u>	<u>Mud</u>			<u>100</u>	
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of <u>1500 GFP</u>	%gas	%oil	%water	%mud
Rec	Feet of <u>could not smell</u>	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 120 BHT 93 Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic <u>1413</u>	<input checked="" type="checkbox"/> Test 1800	T-On Location <u>22:00</u>
(B) First Initial Flow <u>32</u>	<input checked="" type="checkbox"/> Jars 300	T-Started <u>22:16</u>
(C) First Final Flow <u>44</u>	<input checked="" type="checkbox"/> Safety Joint	T-Open <u>06:27</u>
(D) Initial Shut-In <u>281</u>	<input checked="" type="checkbox"/> Circ Sub <u>NIC</u>	T-Pulled <u>2:27</u>
(E) Second Initial Flow <u>38</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>4:50</u>
(F) Second Final Flow <u>60</u>	<input checked="" type="checkbox"/> Mileage <u>40-60</u>	Comments _____
(G) Final Shut-In <u>377</u>	<input type="checkbox"/> Sampler	
(H) Final Hydrostatic <u>1361</u>	<input type="checkbox"/> Straddle	
Initial Open <u>30</u>	<input checked="" type="checkbox"/> Shale Packer <u>250</u>	<input checked="" type="checkbox"/> EM Tool
Initial Shut-In <u>30</u>	<input type="checkbox"/> Extra Packer	<input type="checkbox"/> Ruined Shale Packer
Final Flow <u>30</u>	<input type="checkbox"/> Extra Recorder	<input checked="" type="checkbox"/> Ruined Packer <u>460</u>
Final Shut-In <u>30</u>	<input type="checkbox"/> Day Standby	<input type="checkbox"/> Extra Copies
	<input type="checkbox"/> Accessibility	Sub Total <u>460</u>
	Sub Total <u>2410</u>	Total <u>2870</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. 68146

Well Name & No. Casablanca #3 Test No. 5 Date 08/08/2022
 Company Palomino Petroleum Elevation 3018 KB 3007 GL
 Address Newton Ks
 Co. Rep / Geo. Ryan Seib Rig Martin 21
 Location: Sec. 14 A Twp 20 S Rge. 34 W Co. Scott State Ks

Interval Tested 4374-4480 Zone Tested Marmaton
 Anchor Length 106' Drill Pipe Run 4126 Mud Wt. 9.1
 Top Packer Depth 4369 Drill Collars Run 240 Vis 51
 Bottom Packer Depth 4374 Wt. Pipe Run — WL 8.8
 Total Depth 4480 Chlorides 3000 ppm System LCM 3#

Blow Description IF 9 3/4" blow
ISI No return.
FF 11 3/4" blow
FSI No return.

Rec	Feet of	%gas	%oil	%water	%mud
<u>430</u>	<u>S.M.C.W</u>			<u>97</u>	<u>3</u>
	<u>oil spots</u>				

Rec Total 430 BHT 117 Gravity — API RW 463 @ 89 ° F Chlorides 32000 ppm

(A) Initial Hydrostatic <u>2235</u>	<input checked="" type="checkbox"/> Test <u>1950</u>	T-On Location <u>0800</u>
(B) First Initial Flow <u>47</u>	<input checked="" type="checkbox"/> Jars <u>300</u>	T-Started <u>0849</u>
(C) First Final Flow <u>126</u>	<input checked="" type="checkbox"/> Safety Joint	T-Open <u>1117</u>
(D) Initial Shut-In <u>1103</u>	<input type="checkbox"/> Circ Sub	T-Pulled <u>1420</u>
(E) Second Initial Flow <u>139</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>1700</u>
(F) Second Final Flow <u>220</u>	<input checked="" type="checkbox"/> Mileage <u>4047</u> 60	Comments
(G) Final Shut-In <u>1114</u>	<input type="checkbox"/> Sampler	
(H) Final Hydrostatic <u>2222</u>	<input type="checkbox"/> Straddle	<input checked="" type="checkbox"/> EM Tool

Initial Open <u>30</u>	<input type="checkbox"/> Ruined Shale Packer
Initial Shut-In <u>30</u>	<input type="checkbox"/> Ruined Packer
Final Flow <u>60</u>	<input type="checkbox"/> Extra Copies
Final Shut-In <u>60</u>	Sub Total <u>0</u>
	Total <u>2310</u>
Sub Total <u>2310</u>	MP/DST Disc't

Approved By _____ Our Representative [Signature]

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TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 68147

Well Name & No. Casablanca #3 Test No. 4 Date 08/09/2022
 Company Palomino Petroleum Elevation 3018 KB 3007 GL
 Address Newton Ks
 Co. Rep / Geo. Ryan Gehl Rig Merlin 21
 Location: Sec. 14 Twp 20S Rge. 34W Co. Scott State Ks

Interval Tested 4485-4543 Zone Tested Pawnee
 Anchor Length 58 Drill Pipe Run 4222 Mud Wt. 9.0
 Top Packer Depth 4480 Drill Collars Run 240 Vis 50
 Bottom Packer Depth 4495 Wt. Pipe Run — WL 8.0
 Total Depth 4543 Chlorides 4000 ppm System LCM 2#

Blow Description IF: BOB @ 4min - 93.6"
ISI: 19.5" return.
FF: BOB @ 6min - 68.5"
FSL: 37.1" return.

Rec	Feet of	%gas	%oil	%water	%mud
<u>500</u>	<u>60</u>	<u>35</u>	<u>65</u>		
<u>120</u>	<u>GMCO</u>	<u>30</u>	<u>60</u>	<u>10</u>	
<u>120</u>	<u>GMCO</u>	<u>40</u>	<u>30</u>	<u>30</u>	
	<u>2900' GIP</u>				

Rec Total 800 BHT 177 Gravity 30 API RW — @ — °F Chlorides — ppm

(A) Initial Hydrostatic 2269 Test 1950 T-On Location 0300
 (B) First Initial Flow 102 Jars 300 T-Started 0405
 (C) First Final Flow 146 Safety Joint _____ T-Open 0612
 (D) Initial Shut-In 679 Circ Sub _____ T-Pulled 0913
 (E) Second Initial Flow 159 Hourly Standby _____ T-Out 1225
 (F) Second Final Flow 241 Mileage 40AT 60 Comments _____
 (G) Final Shut-In 657 Sampler _____
 (H) Final Hydrostatic 2251 Straddle _____ EM Tool Modata -350
 Shale Packer _____ Ruined Shale Packer _____
 Extra Packer _____ Ruined Packer _____
 Extra Recorder _____ Extra Copies _____

Initial Open 30
 Initial Shut-In 30
 Final Flow 60
 Final Shut-In 60
 Sub Total 2310 Total 1960
 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. 68148

Well Name & No. Casablanca #3 Test No. 5 Date 08/11/2022
 Company Palomino Petroleum Elevation 3018 KB 3007 GL
 Address Newton KS
 Co. Rep / Geo. Ryan Seib Rig Modan 21
 Location: Sec. 14 Twp 20S Rge. 34W Co. Scott State Ks

Interval Tested 4245 - 4289 Zone Tested LRC K
 Anchor Length 44' Tail - 650 Drill Pipe Run 4000 Mud Wt. 9.3
 Top Packer Depth 4240 - 4245 Drill Collars Run 240 Vis 54
~~Bottom~~ ^{Straddle} Packer Depth 4289 Wt. Pipe Run — WL 8.8
 Total Depth 4939 Chlorides 5000 ppm System LCM 3#
 Blow Description IF BOBA 1 1/2 min 52.5"
ISF No return
FF BOBA 2 min 41.6"
FSI No return

Rec	Feet of	%gas	%oil	%water	%mud
<u>1180</u>	<u>MCW</u>			<u>99%</u>	<u>2%</u>
	<u>oil spots in tool</u>				

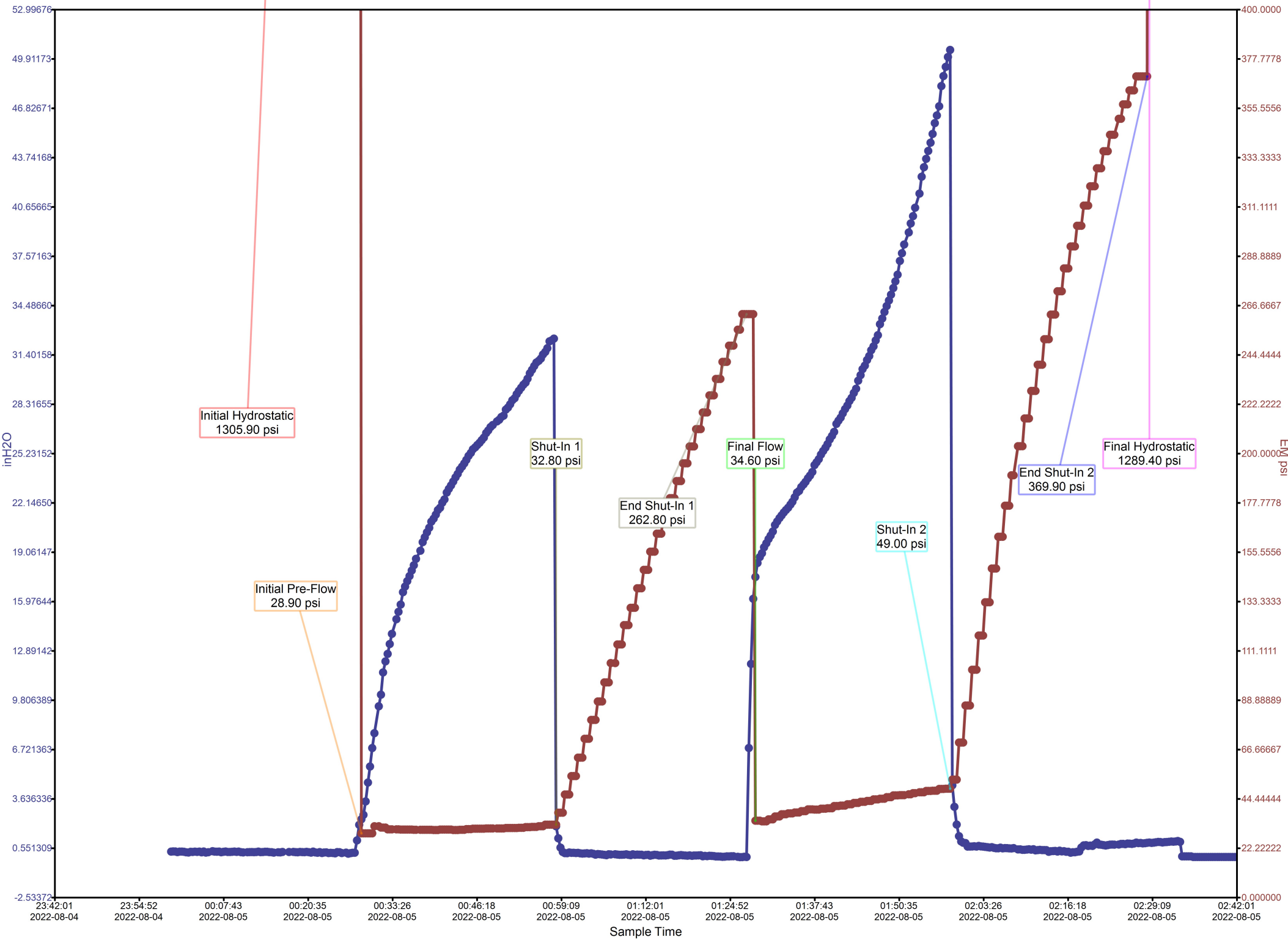
Rec Total 1180 BHT 116 Gravity — API RW .160 @ 71 °F Chlorides 44,000 ppm

(A) Initial Hydrostatic <u>2200</u>	<input checked="" type="checkbox"/> Test <u>1950</u>	T-On Location <u>0000</u>
(B) First Initial Flow <u>159</u>	<input checked="" type="checkbox"/> Jars <u>300</u>	T-Started <u>0038</u>
(C) First Final Flow <u>358</u>	<input checked="" type="checkbox"/> Safety Joint	T-Open <u>0317</u>
(D) Initial Shut-In <u>1081</u>	<input type="checkbox"/> Circ Sub	T-Pulled <u>0441</u>
(E) Second Initial Flow <u>375</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>0744</u>
(F) Second Final Flow <u>525</u>	<input checked="" type="checkbox"/> Mileage <u>4027</u> 60	Comments
(G) Final Shut-In <u>1078</u>	<input type="checkbox"/> Sampler	
(H) Final Hydrostatic <u>2026</u>	<input checked="" type="checkbox"/> Straddle <u>600</u>	<input checked="" type="checkbox"/> EM Tool <u>-350</u>
Initial Open <u>10</u>	<input checked="" type="checkbox"/> Shale Packer <u>250</u>	<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>10</u>	<input type="checkbox"/> Extra Recorder	<input type="checkbox"/> Extra Copies
Final Shut-In <u>30</u>	<input checked="" type="checkbox"/> Day Standby <u>1d 11.5h</u>	Sub Total <u>383.33 - 350</u>
	<input type="checkbox"/> Accessibility	Total <u>3193.33</u>
	Sub Total <u>3160</u>	MP/DST Disc't

Approved By _____ Our Representative [Signature]

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Palomino Petroleum - Casablanca 3 - DST # 2





**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Palomino Petroleum

14-20-34 Scott Ks

4924 SE 84th St
New ton, Ks 67114

Casablanca #3

Job Ticket: 67997

DST#: 2

ATTN: Andrew Stenzel

Test Start: 2022.08.04 @ 22:16:22

GENERAL INFORMATION:

Formation: **Krider**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 00:29:22

Time Test Ended: 04:48:22

Test Type: Conventional Bottom Hole (Reset)

Tester: Brandon Turley

Unit No: 79

Interval: 2631.00 ft (KB) To 2706.00 ft (KB) (TVD)

Reference Elevations: 3018.00 ft (KB)

Total Depth: 2706.00 ft (KB) (TVD)

3007.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Poor

KB to GR/CF: 11.00 ft

Serial #: 8674 Outside

Press@RunDepth: 60.23 psig @ 2636.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2022.08.04

End Date:

2022.08.05

Last Calib.:

2022.08.05

Start Time:

22:16:27

End Time:

04:48:21

Time On Btm:

2022.08.05 @ 00:26:52

Time Off Btm:

2022.08.05 @ 02:27:22

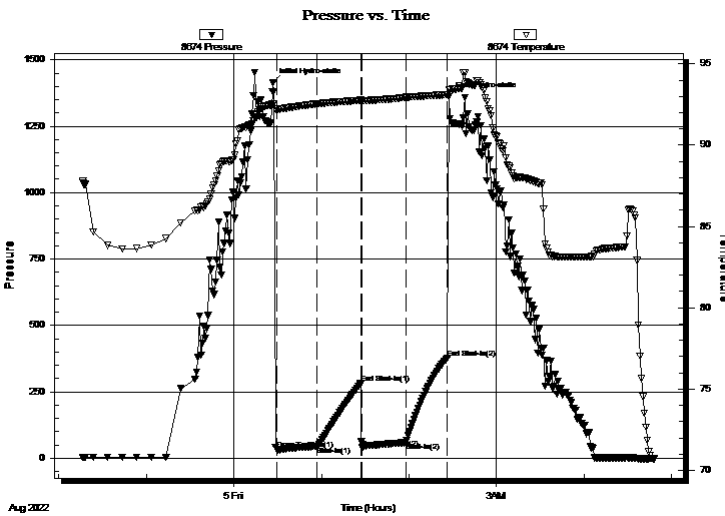
TEST COMMENT: IF: BOB in 4 mins. 32"

IS: No return.

FF: BOB in 30 secs, 52"

FS: No return. 30s

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1413.88	92.54	Initial Hydro-static
3	32.77	92.21	Open To Flow (1)
30	44.93	92.54	Shut-In(1)
60	281.17	92.76	End Shut-In(1)
61	38.75	92.73	Open To Flow (2)
91	60.23	92.94	Shut-In(2)
120	377.40	93.11	End Shut-In(2)
121	1361.68	93.43	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
120.00	mud 100%m	0.59
0.00	1500 GIP Could not smell	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

14-20-34 Scott Ks

4924 SE 84th St
New ton, Ks 67114

Casablanca #3

Job Ticket: 67997

DST#: 2

ATTN: Andrew Stenzel

Test Start: 2022.08.04 @ 22:16:22

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: 35.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 0.00 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 48000.00 ppm

Filter Cake: 0.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
120.00	mud 100%m	0.590
0.00	1500 GIP Could not smell	0.000

Total Length: 120.00 ft

Total Volume: 0.590 bbl

Num Fluid Samples: 0

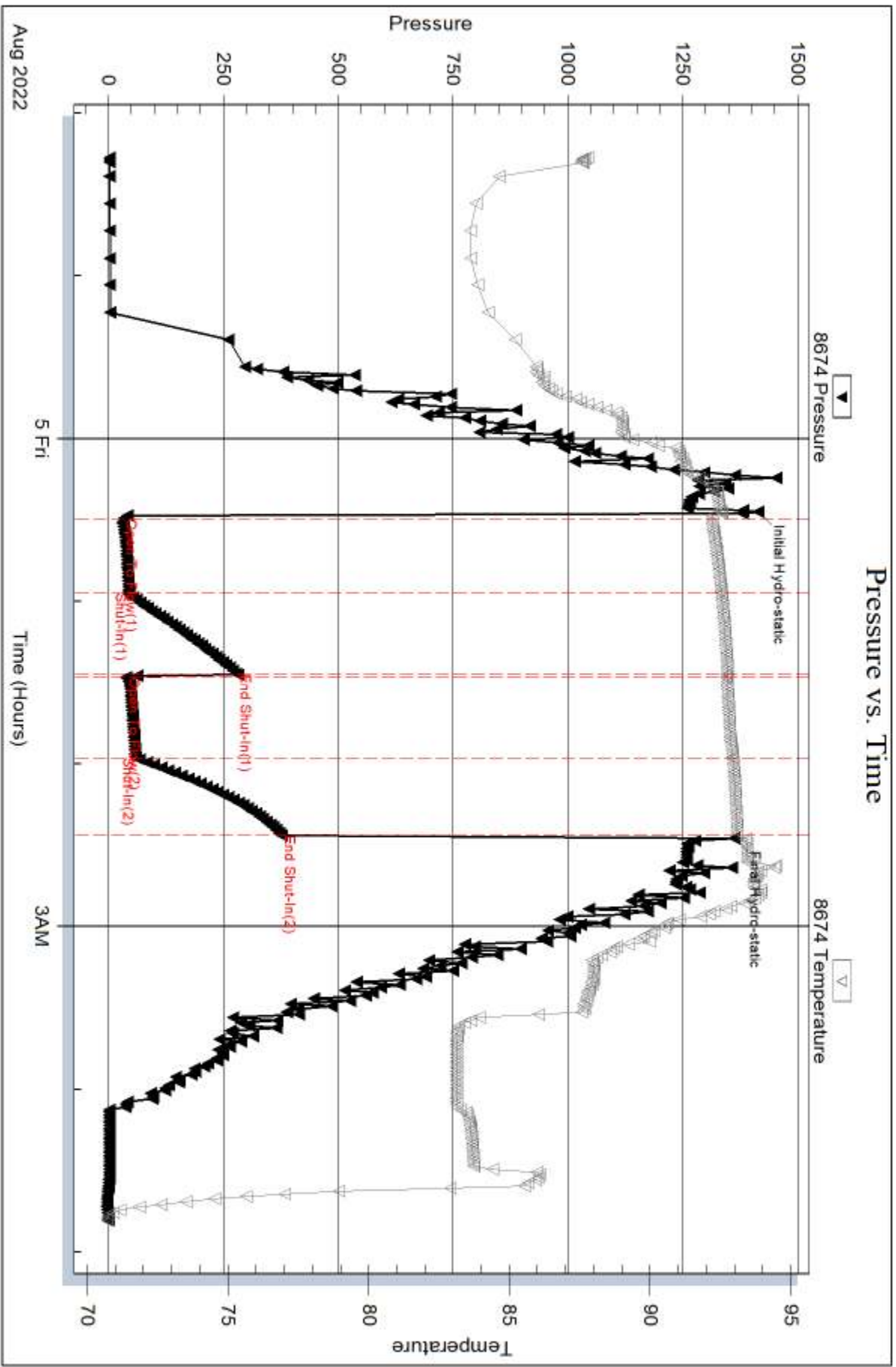
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



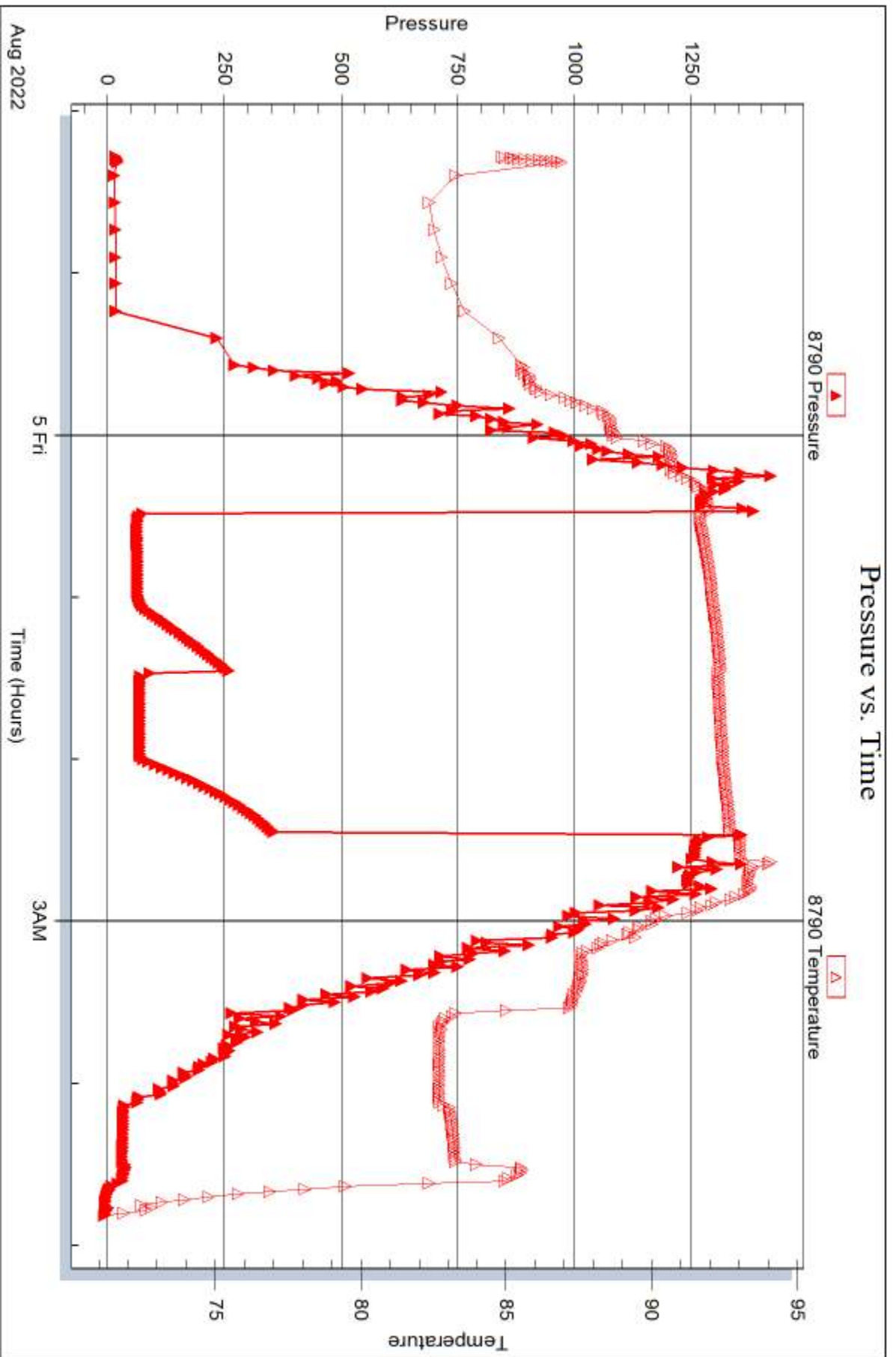
Serial #: 8790

Inside

Palomino Petroleum

Casablanca #3

DST Test Number: 2

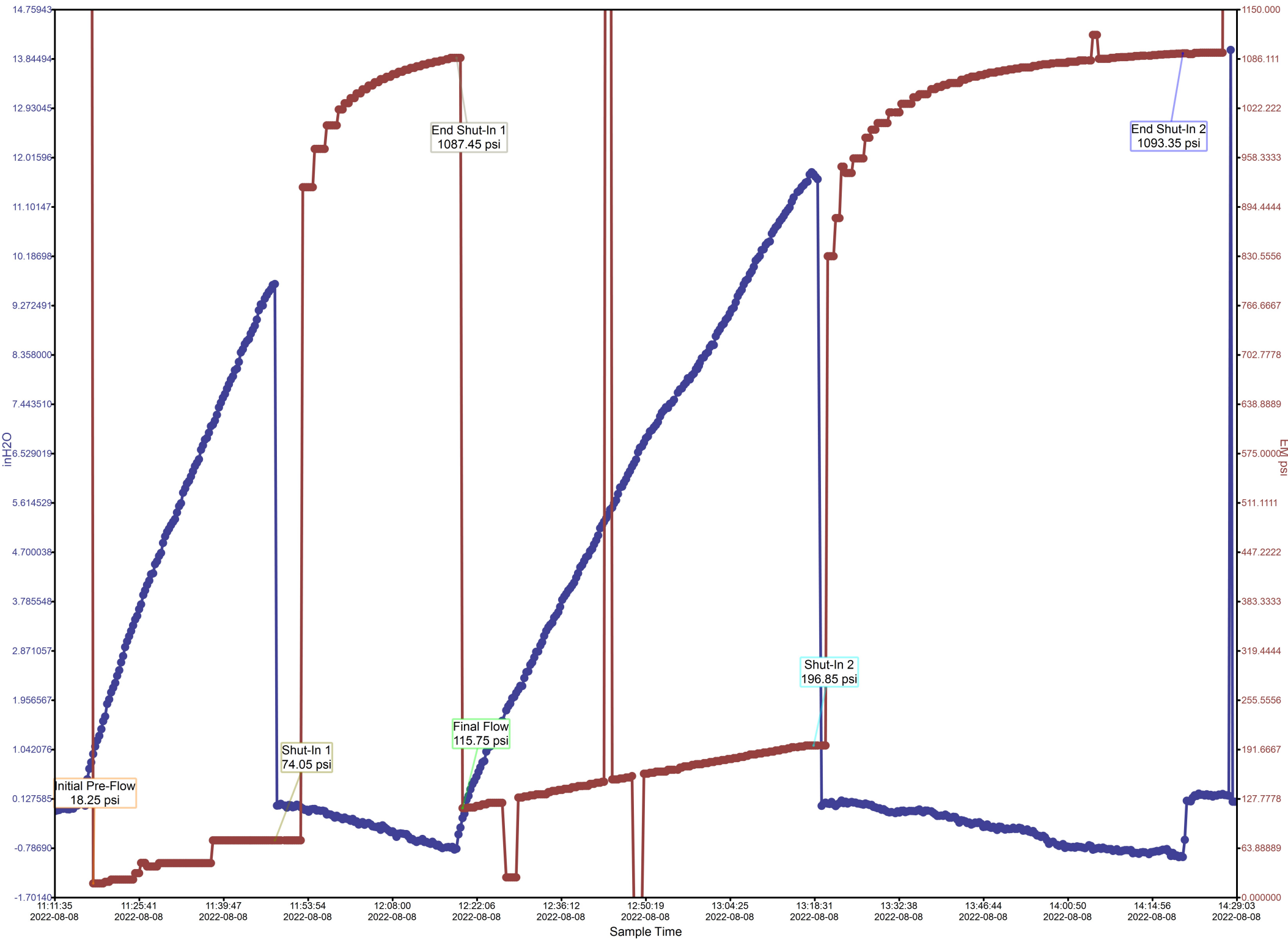


Tribble Testing, Inc

Ref. No: 67997

Printed: 2022.08.05 @ 06:54:01

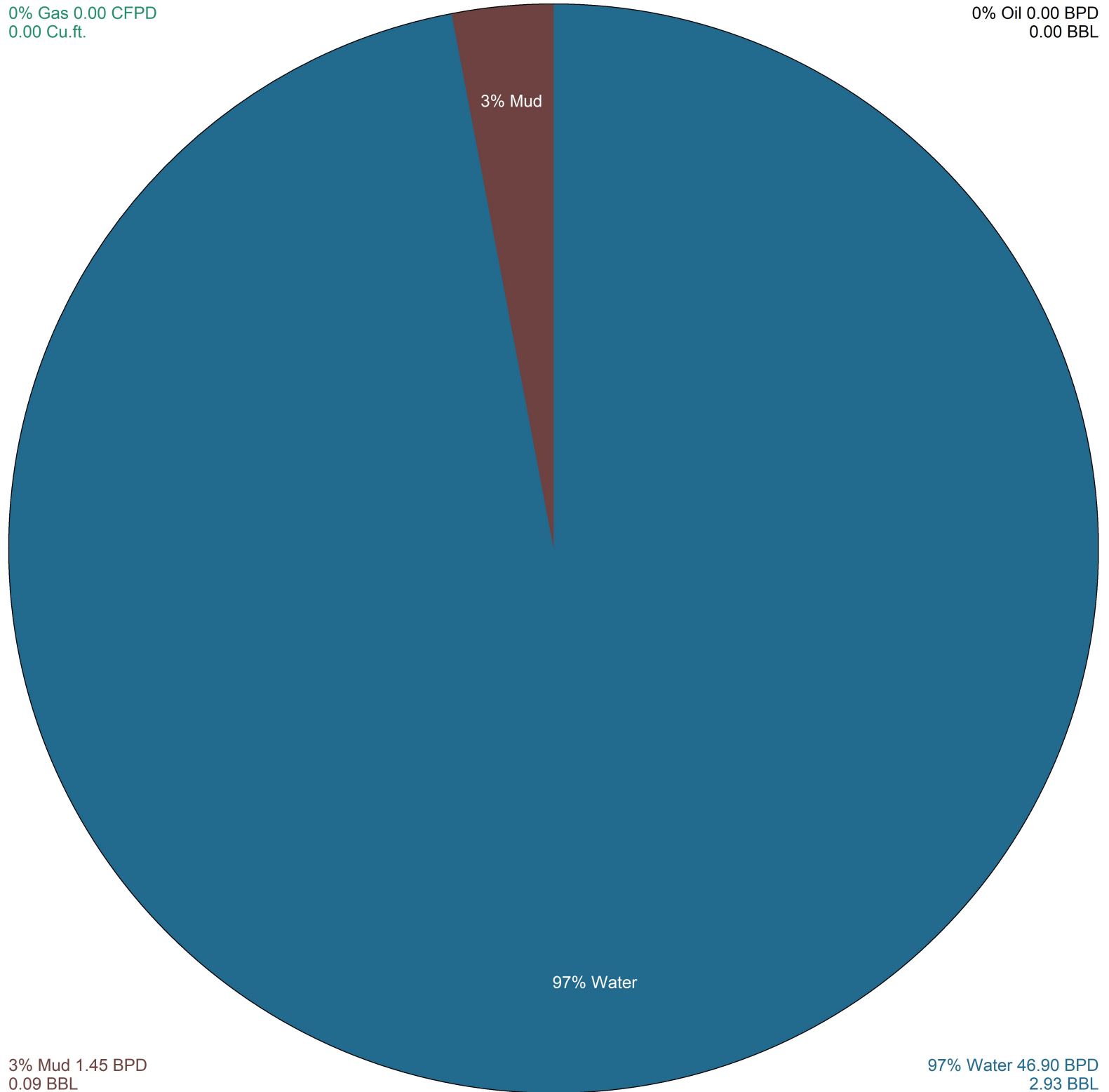
Palomino Petroleum - Casablanca 3 - DST #3



Calculated Recovery Analysis - Palomino Petroleum - Casablanca 3 - DST #3

0% Gas 0.00 CFPD
0.00 Cu.ft.

0% Oil 0.00 BPD
0.00 BBL



3% Mud

97% Water

3% Mud 1.45 BPD
0.09 BBL

97% Water 46.90 BPD
2.93 BBL



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Palomino Petroleum

14-20-34 Scott Ks

4924 SE 84th St
New ton, Ks 67114

Casablanca #3

Job Ticket: 68146

DST#: 3

ATTN: Andrew Stenzel

Test Start: 2022.08.08 @ 08:49:00

GENERAL INFORMATION:

Formation: **Marmaton**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 11:16:30

Time Test Ended: 16:58:00

Test Type: Conventional Bottom Hole (Reset)

Tester: Walt

Unit No: 78

Interval: 4374.00 ft (KB) To 4480.00 ft (KB) (TVD)

Reference Elevations: 3018.00 ft (KB)

Total Depth: 4489.00 ft (KB) (TVD)

3007.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 11.00 ft

Serial #: 8845 Outside

Press@RunDepth: 220.96 psig @ 4375.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2022.08.08

End Date: 2022.08.08

Last Calib.: 2022.08.08

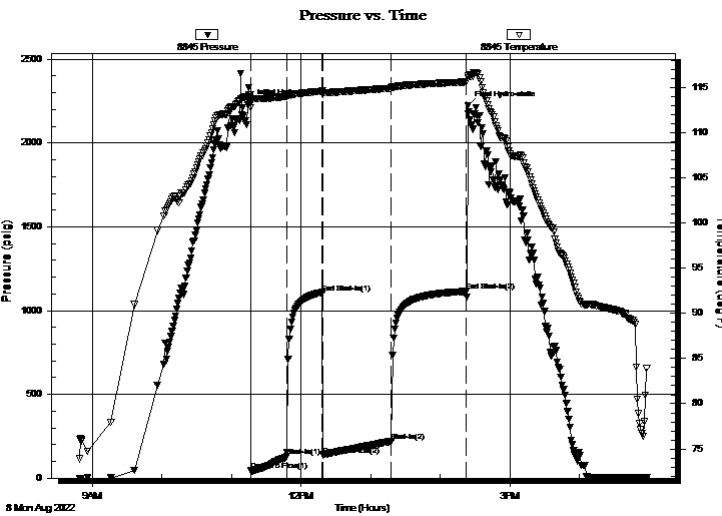
Start Time: 08:49:05

End Time: 16:57:59

Time On Btm: 2022.08.08 @ 11:16:15

Time Off Btm: 2022.08.08 @ 14:24:00

TEST COMMENT: IF: 9 3/4" blow .
IS: No return.
FF: 11 3/4 " blow .
FS: no return. 30-30-60-60



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2235.71	114.16	Initial Hydro-static
1	47.46	112.73	Open To Flow (1)
32	128.23	113.99	Shut-In(1)
62	1103.77	114.57	End Shut-In(1)
63	139.23	114.18	Open To Flow (2)
122	220.96	114.90	Shut-In(2)
186	1114.78	115.58	End Shut-In(2)
188	2222.47	116.30	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
430.00	mcw 3m 97w (oil spots)	3.85

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

14-20-34 Scott Ks

4924 SE 84th St
New ton, Ks 67114

Casablanca #3

Job Ticket: 68146

DST#: 3

ATTN: Andrew Stenzel

Test Start: 2022.08.08 @ 08:49:00

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:

32000 ppm

Viscosity: 54.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.79 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 3000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
430.00	mcw 3m 97w (oil spots)	3.845

Total Length: 430.00 ft Total Volume: 3.845 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

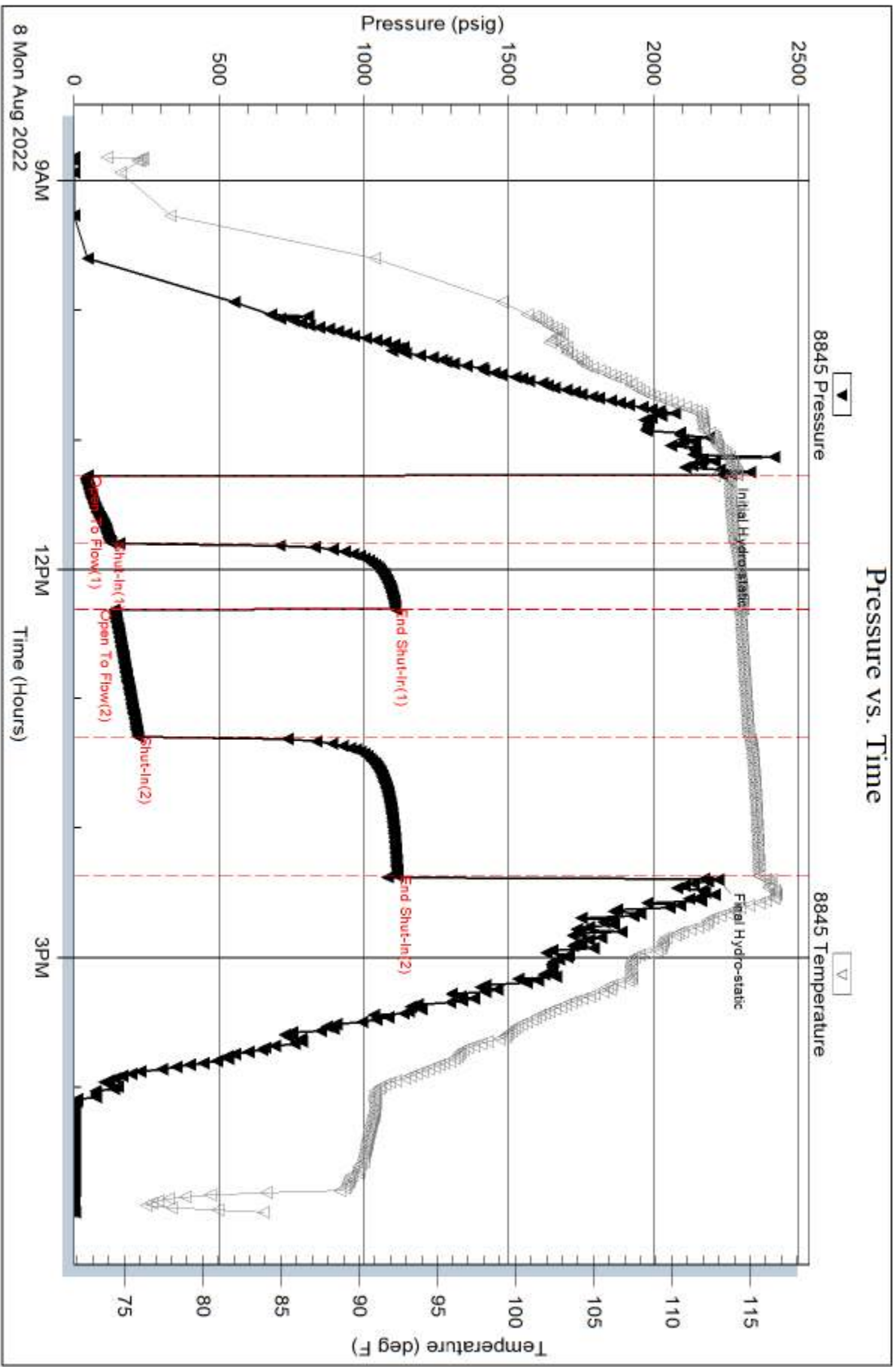
Recovery Comments: rw is .163 @ 89f = 32000ppm

Serial #: 8845

Outside Palomino Petroleum

Casablanca #3

DST Test Number: 3



Triobite Testing, Inc

Ref. No: 68146

Printed: 2022.08.08 @ 17:31:26

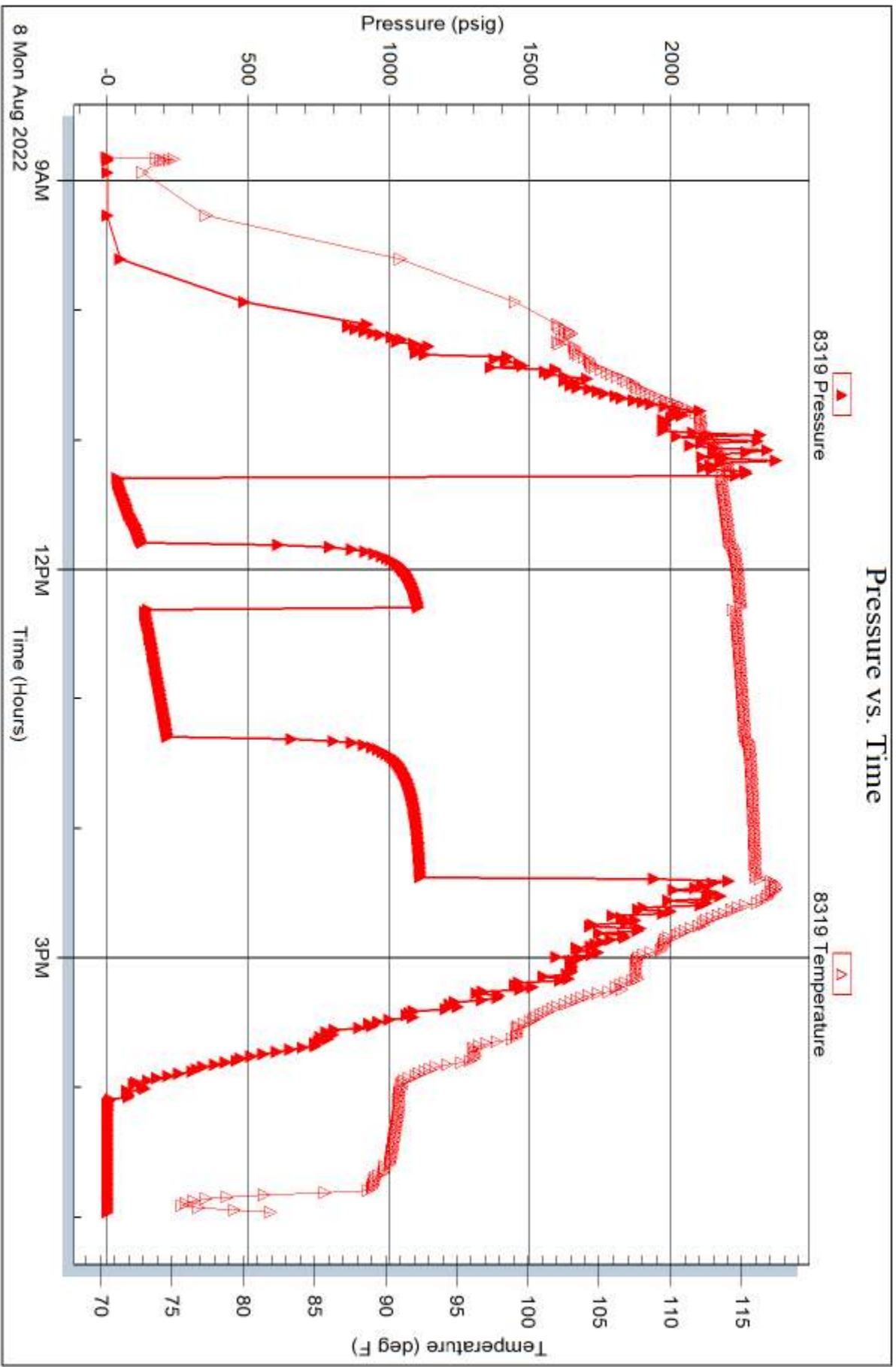
Serial #: 8319

Inside

Palomino Petroleum

Casablanca #3

DST Test Number: 3

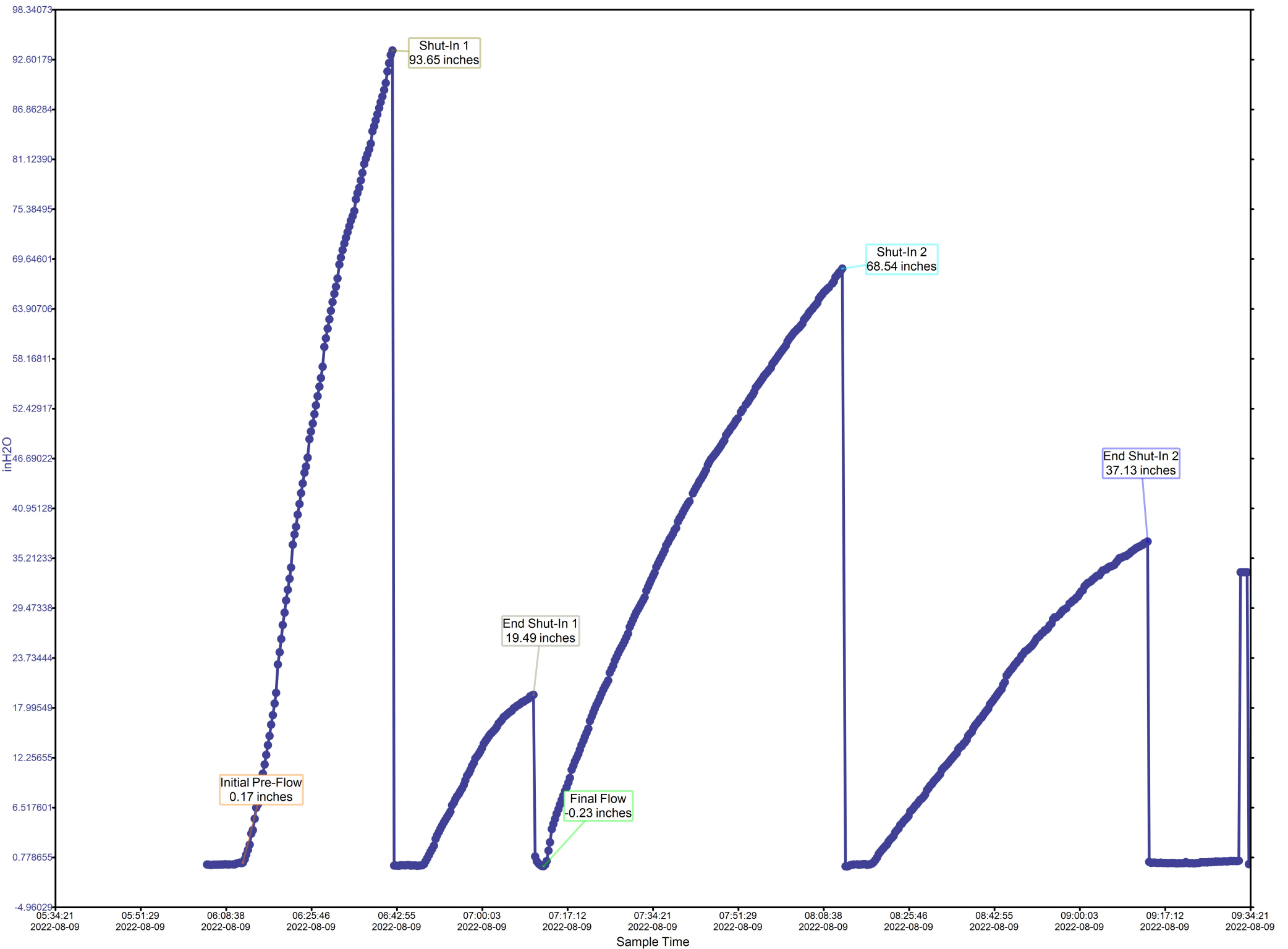


Trilobite Testing, Inc

Ref. No: 68146

Printed: 2022.08.08 @ 17:31:27

Palomino Petroleum - Casablanca 3 - DST #4



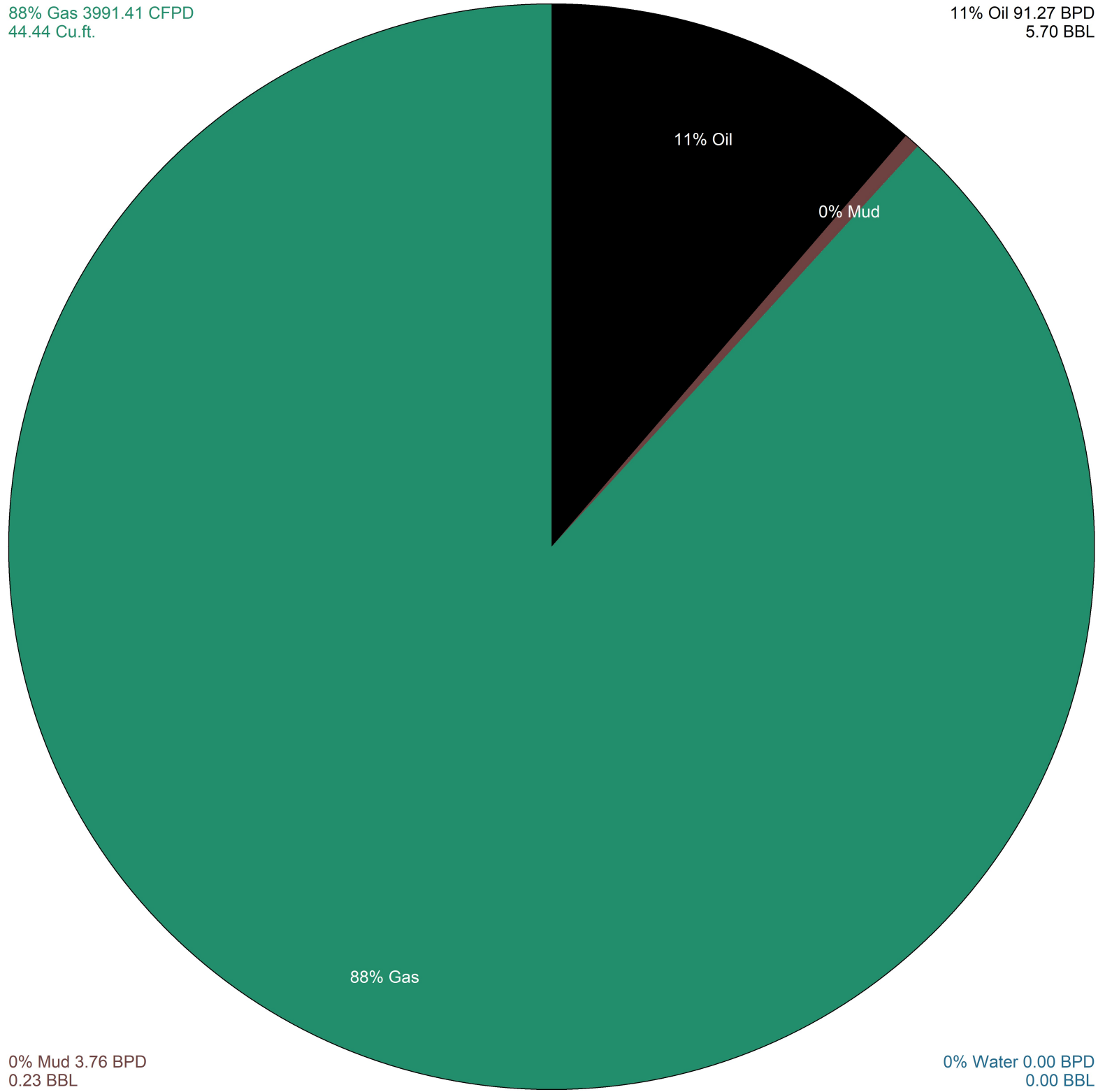
Calculated Recovery Analysis - Palomino Petroleum - Casablanca 3 - DST #4

88% Gas 3991.41 CFPD
44.44 Cu.ft.

11% Oil 91.27 BPD
5.70 BBL

0% Mud 3.76 BPD
0.23 BBL

0% Water 0.00 BPD
0.00 BBL





**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Palomino Petroleum

14-20-34 Scott Ks

4924 SE 84th St
New ton, Ks 67114

Casablanca #3

Job Ticket: 68147

DST#: 4

ATTN: Andrew Stenzel

Test Start: 2022.08.09 @ 04:05:00

GENERAL INFORMATION:

Formation: **Pawnee**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 06:11:45

Time Test Ended: 12:24:15

Test Type: Conventional Bottom Hole (Reset)

Tester: Walt

Unit No: 78

Interval: 4485.00 ft (KB) To 4543.00 ft (KB) (TVD)

Reference Elevations: 3018.00 ft (KB)

Total Depth: 4485.00 ft (KB) (TVD)

3007.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 11.00 ft

Serial #: 8845 Outside

Press@RunDepth: 241.87 psig @ 4486.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2022.08.09

End Date:

2022.08.09

Last Calib.:

2022.08.09

Start Time:

04:05:05

End Time:

12:24:14

Time On Btm:

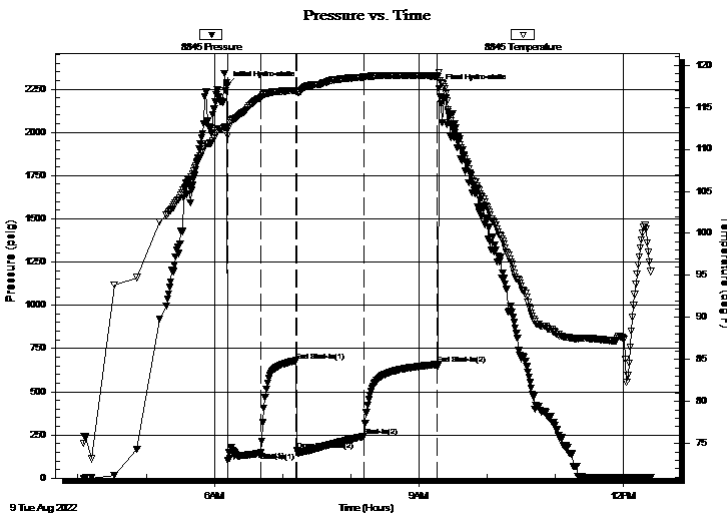
2022.08.09 @ 06:11:15

Time Off Btm:

2022.08.09 @ 09:17:45

TEST COMMENT: IF: BOB @ 4 min. - 93.6" blow .
IS: 19.5" return
FF: BOB @ 6 min. - 68.5" blow .
FS: 37.1" return

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2269.32	112.68	Initial Hydro-static
1	102.01	111.61	Open To Flow (1)
30	146.99	116.17	Shut-In(1)
61	679.58	117.01	End Shut-In(1)
62	159.78	116.87	Open To Flow (2)
121	241.87	118.58	Shut-In(2)
185	657.43	118.69	End Shut-In(2)
187	2251.99	119.14	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
120.00	gmco 40g 30m 30o	0.59
120.00	gmco 30g 10m 60o	0.59
560.00	go 35g 65o	7.86
0.00	2900' 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

14-20-34 Scott Ks

4924 SE 84th St
New ton, Ks 67114

Casablanca #3

Job Ticket: 68147

DST#: 4

ATTN: Andrew Stenzel

Test Start: 2022.08.09 @ 04:05:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

30 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 50.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.99 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 4000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
120.00	gmco 40g 30m 30o	0.590
120.00	gmco 30g 10m 60o	0.590
560.00	go 35g 65o	7.855
0.00	2900' GIP	0.000

Total Length: 800.00 ft

Total Volume: 9.035 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

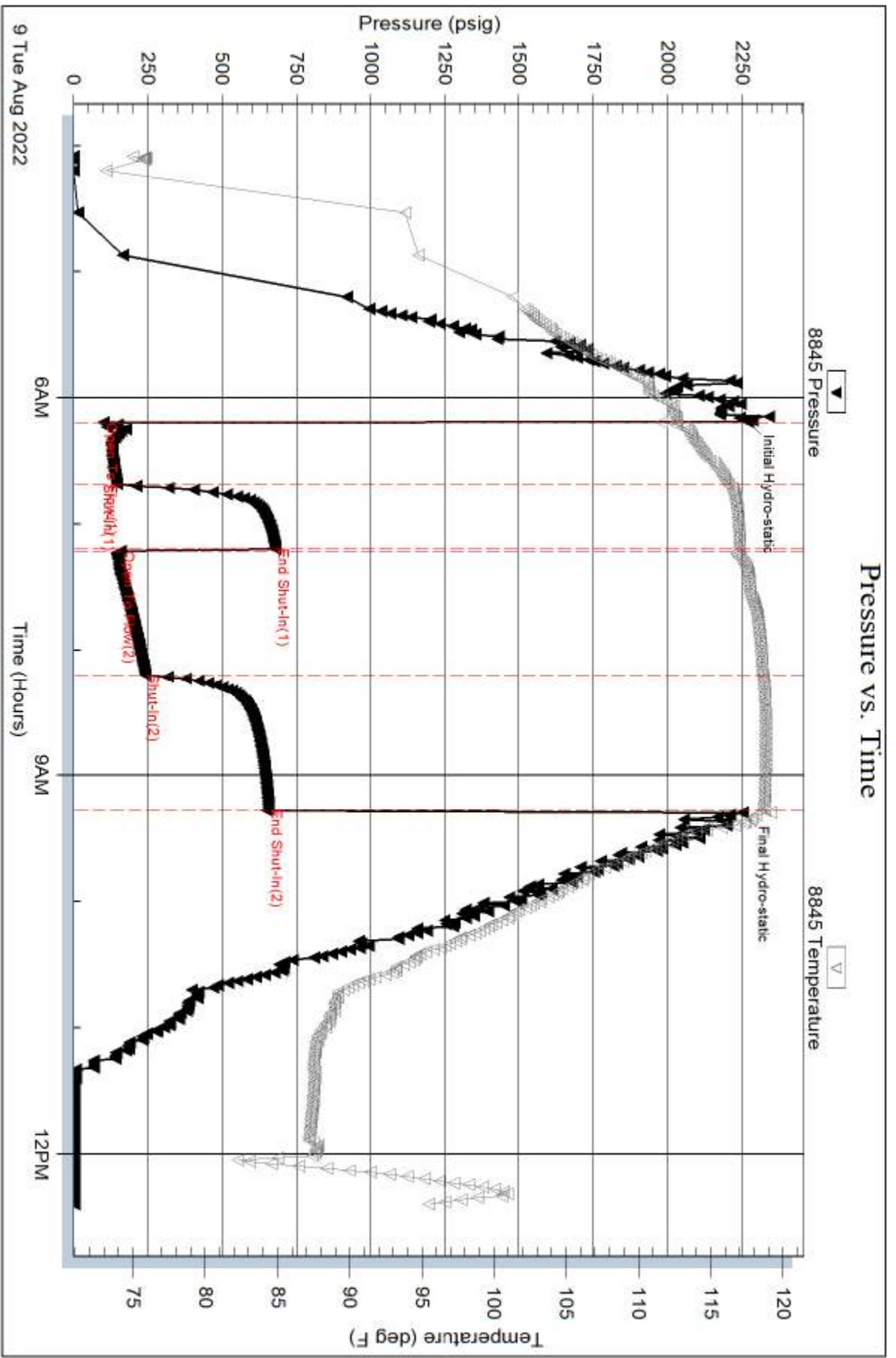
Recovery Comments:

Serial #: 8845

Outside Palomino Petroleum

Casablanca #3

DST Test Number: 4



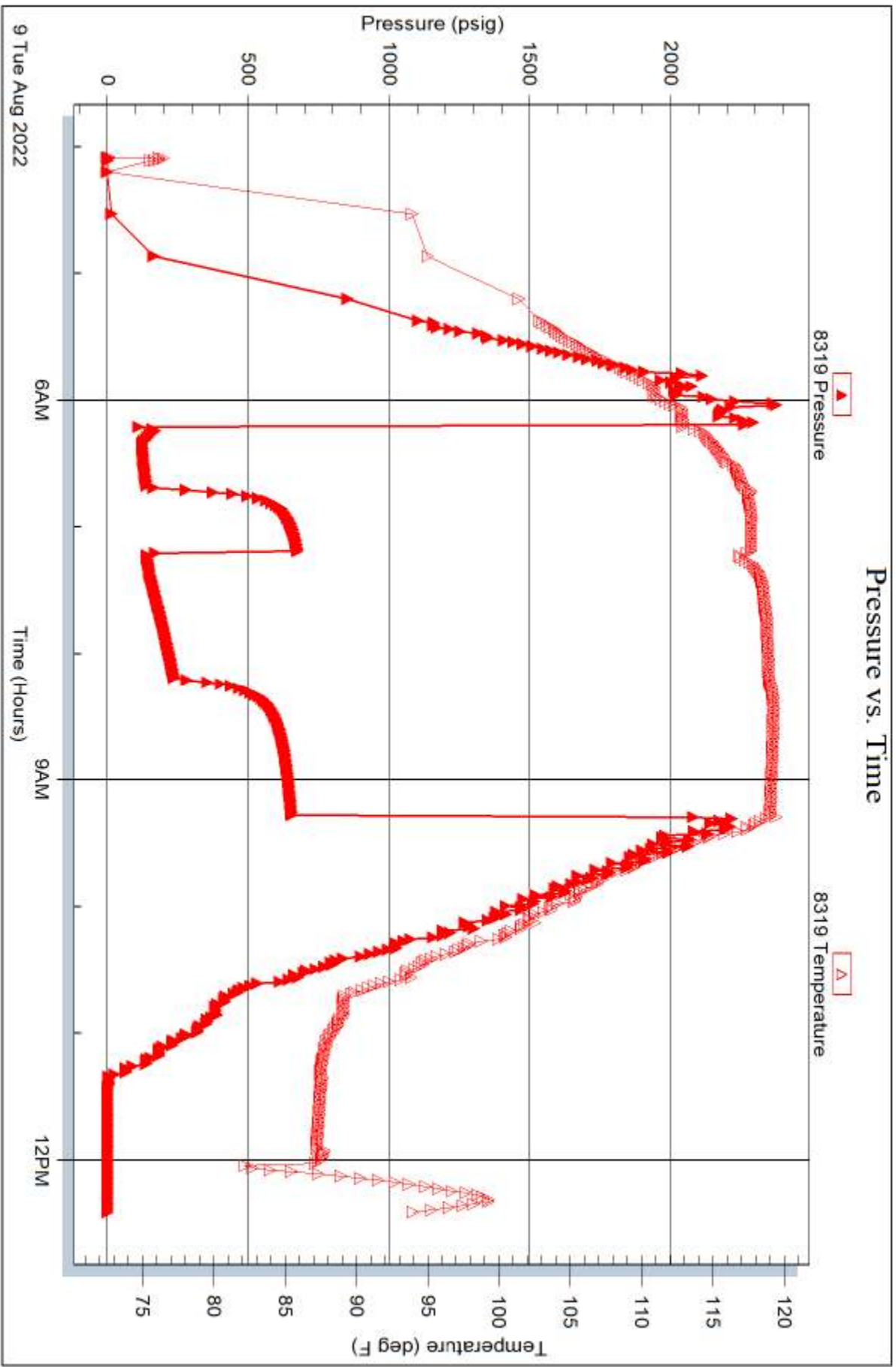
Serial #: 8319

Inside

Palomino Petroleum

Casablanca #3

DST Test Number: 4

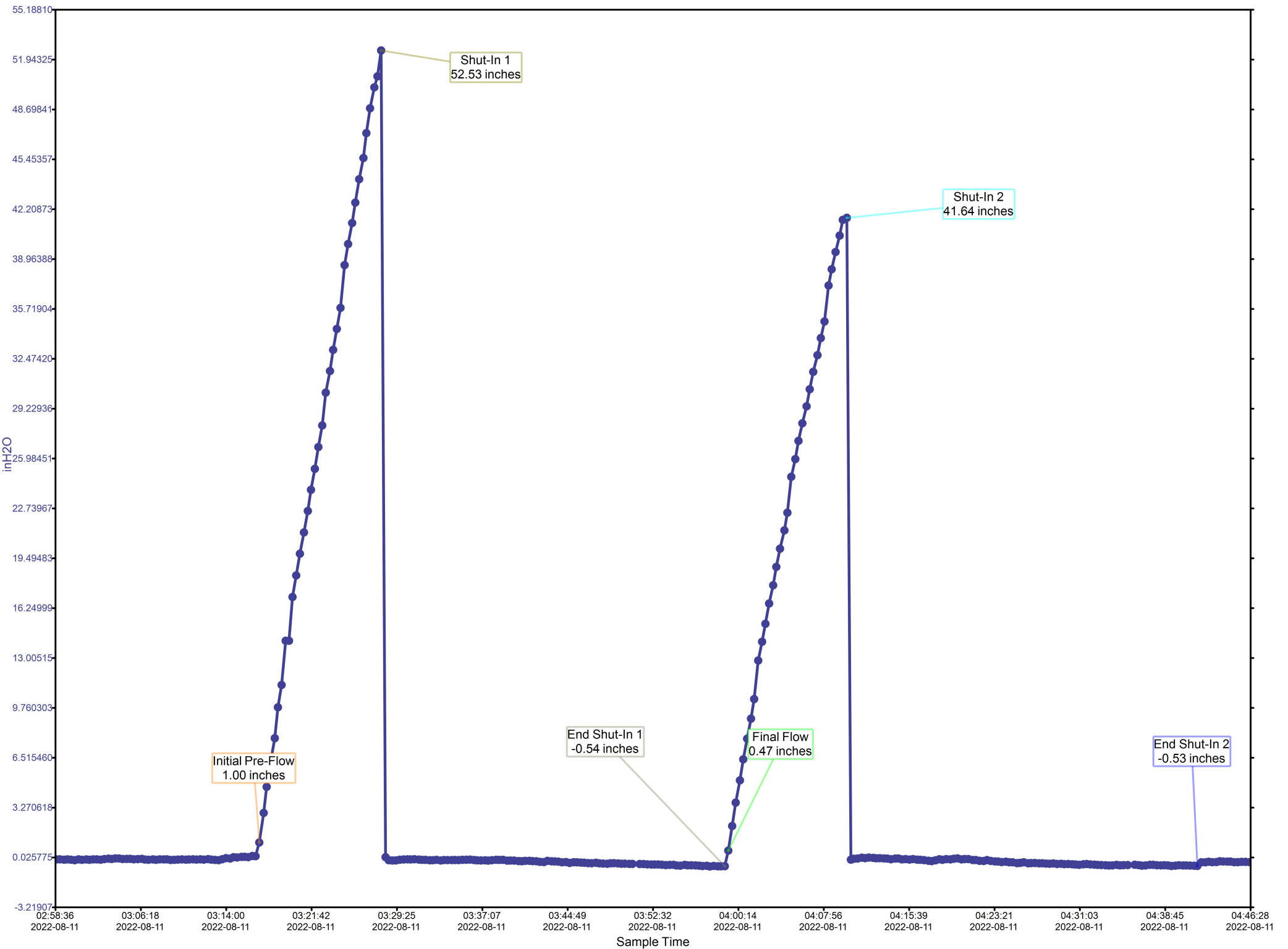


Trilobite Testing, Inc

Ref. No: 68147

Printed: 2022.08.09 @ 13:29:07

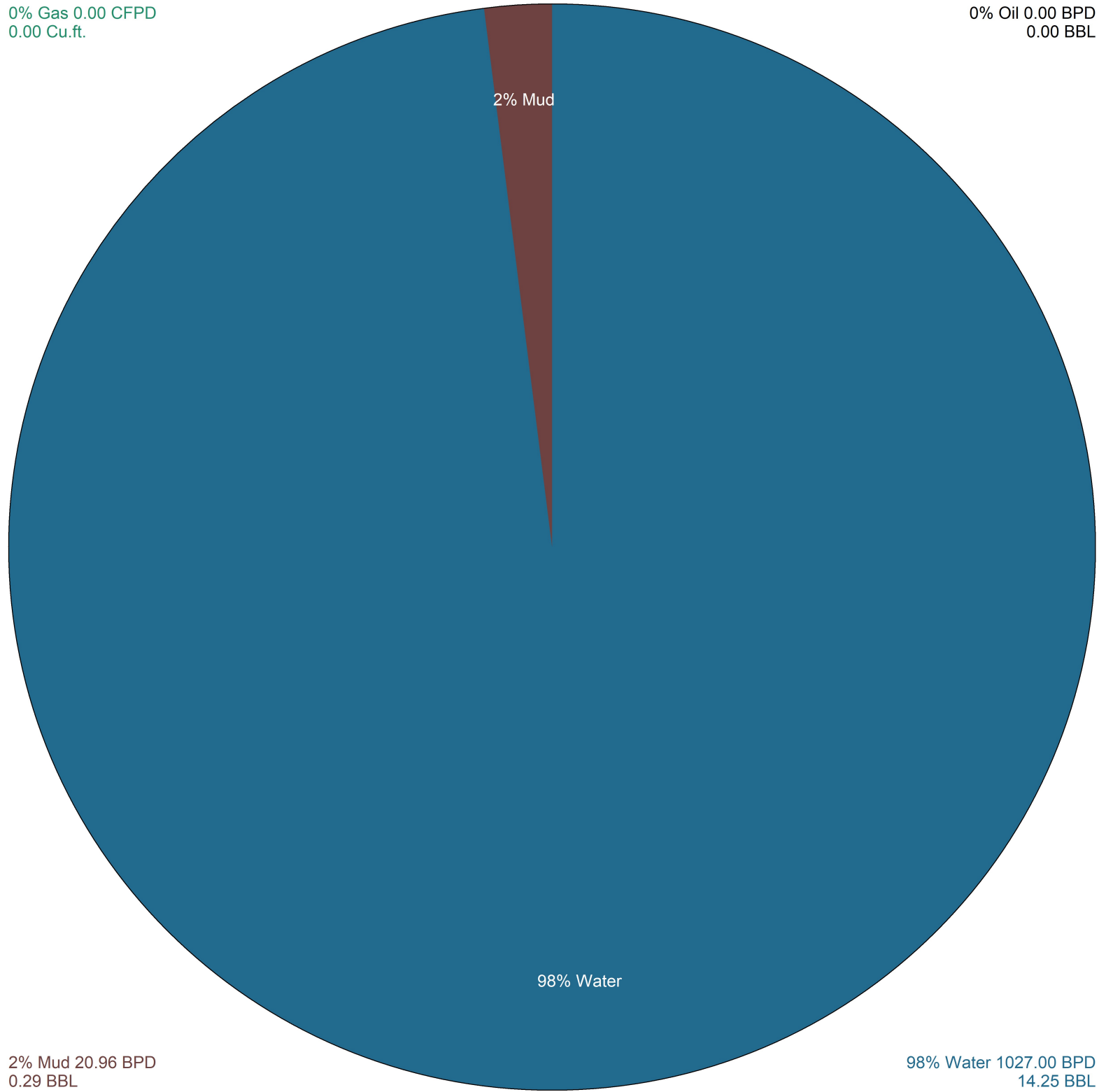
Palomino Petroleum - Casablanca 3 - DST #5



Calculated Recovery Analysis - Palomino Petroleum - Casablanca 3 - DST #5

0% Gas 0.00 CFPD
0.00 Cu.ft.

0% Oil 0.00 BPD
0.00 BBL



2% Mud

98% Water

2% Mud 20.96 BPD
0.29 BBL

98% Water 1027.00 BPD
14.25 BBL



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Palomino Petroleum

14-20-34 Scott Ks

4924 SE 84th St
New ton, Ks 67114

Casablanca #3

Job Ticket: 68148

DST#: 5

ATTN: Andrew Stenzel

Test Start: 2022.08.11 @ 00:38:00

GENERAL INFORMATION:

Formation: **LKC K**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 03:17:45

Time Test Ended: 07:44:15

Test Type: Conventional Straddle (Reset)

Tester: Walt

Unit No: 78

Interval: 4245.00 ft (KB) To 4289.00 ft (KB) (TVD)

Reference Elevations: 3018.00 ft (KB)

Total Depth: 4939.00 ft (KB) (TVD)

3007.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 11.00 ft

Serial #: 8874 Outside

Press@RunDepth: 525.54 psig @ 4247.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2022.08.11

End Date:

2022.08.11

Last Calib.: 2022.08.11

Start Time: 00:38:05

End Time:

07:44:14

Time On Btm: 2022.08.11 @ 03:17:15

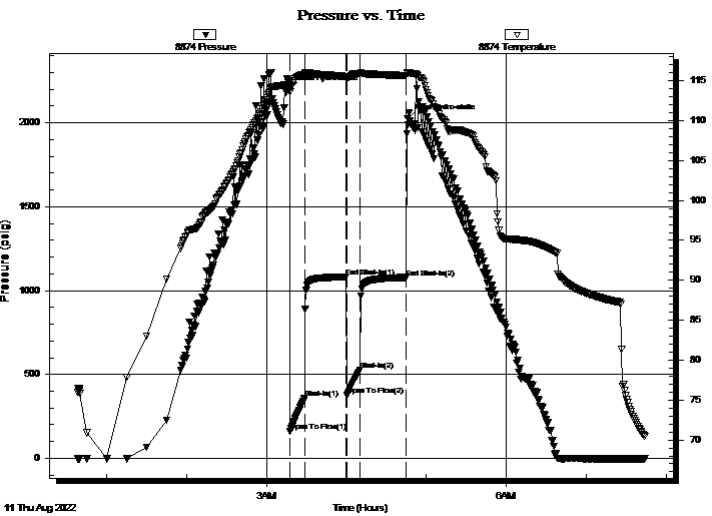
Time Off Btm: 2022.08.11 @ 04:46:00

TEST COMMENT: IF: BOB @ 1.5 min. - 52.5"

IS: No return.

FF: BOB @ 2 min. 41.6"

FS: No return. 10-30-10-30



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2200.78	114.57	Initial Hydro-static
1	159.06	113.63	Open To Flow (1)
12	358.81	115.79	Shut-In(1)
43	1081.14	115.56	End Shut-In(1)
43	375.81	115.33	Open To Flow (2)
53	525.54	115.92	Shut-In(2)
88	1078.37	115.65	End Shut-In(2)
89	2026.03	115.95	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
1180.00	mcw 2m 98w (Oil spots in tool)	14.37

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Palomino Petroleum

14-20-34 Scott Ks

4924 SE 84th St
New ton, Ks 67114

Casablanca #3

Job Ticket: 68148

DST#: 5

ATTN: Andrew Stenzel

Test Start: 2022.08.11 @ 00:38:00

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:

44000 ppm

Viscosity: 54.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.79 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 5000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
1180.00	mcw 2m 98w (Oil spots in tool)	14.366

Total Length: 1180.00 ft Total Volume: 14.366 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

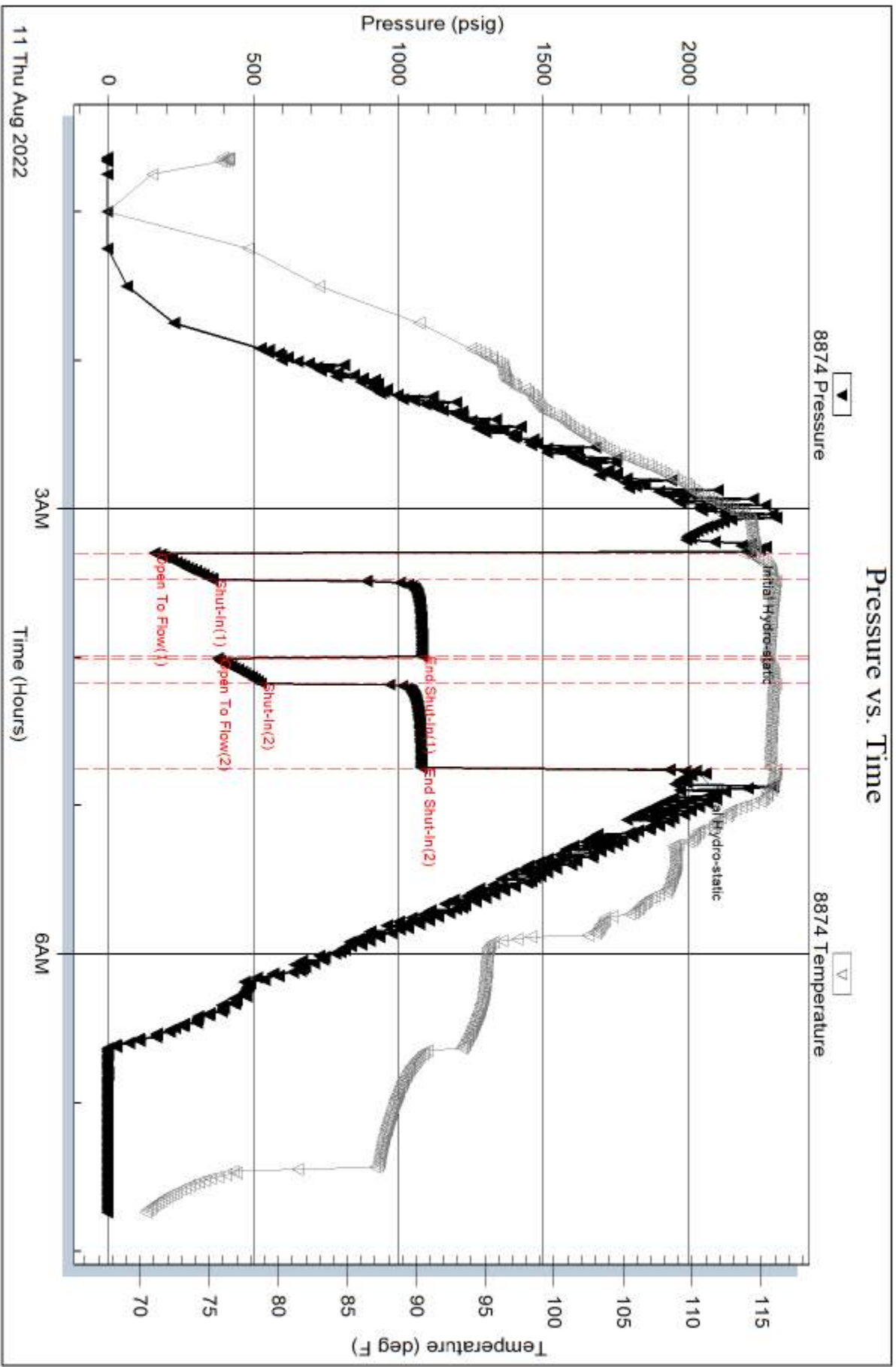
Recovery Comments: rw is .160 @ 71F = 44000ppm

Serial #: 8874

Outside Palomino Petroleum

Casablanca #3

DST Test Number: 5



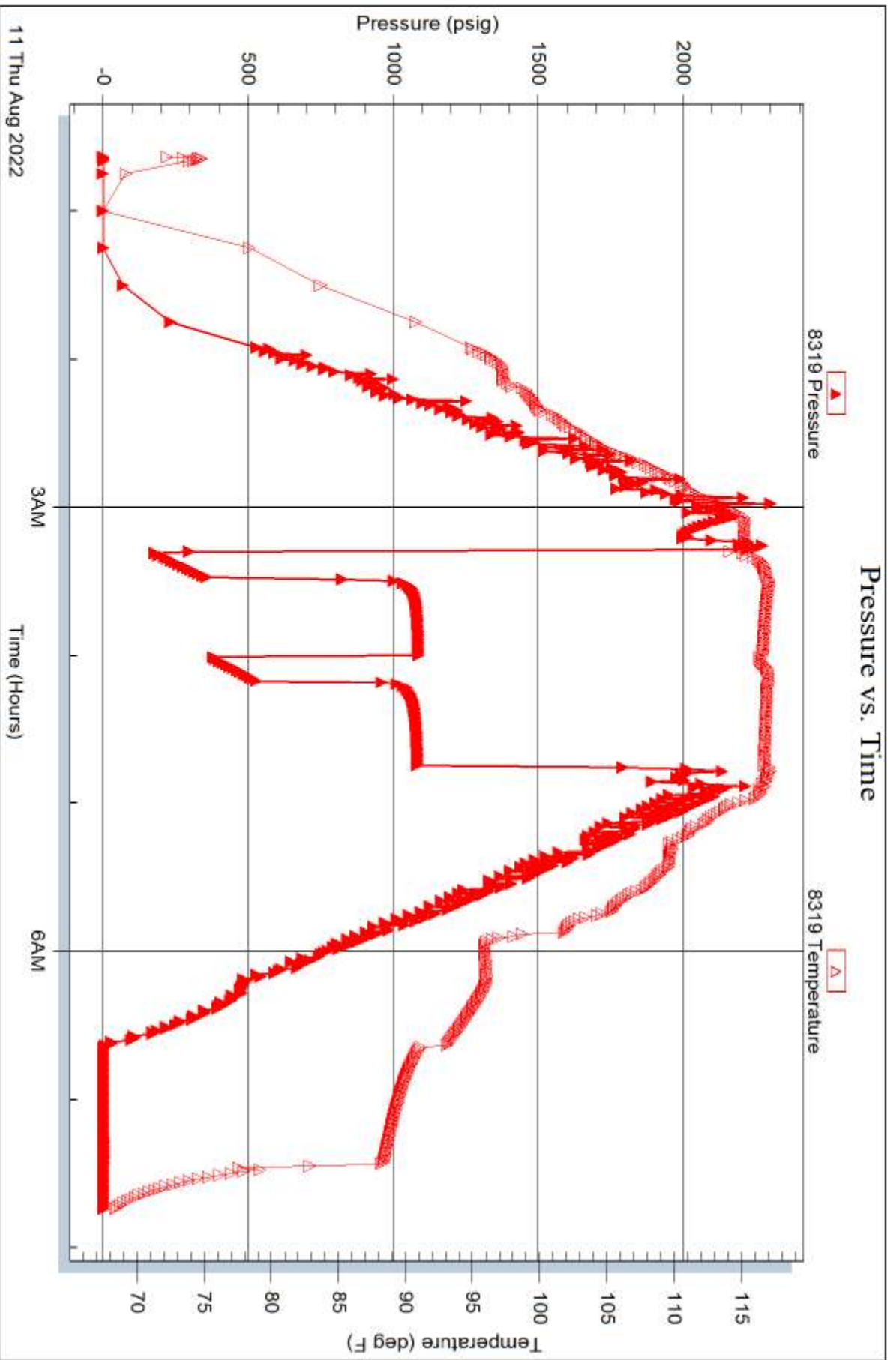
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Inside

Palomino Petroleum

Casablanca #3

DST Test Number: 5



Trilobite Testing, Inc

Ref. No: 68148

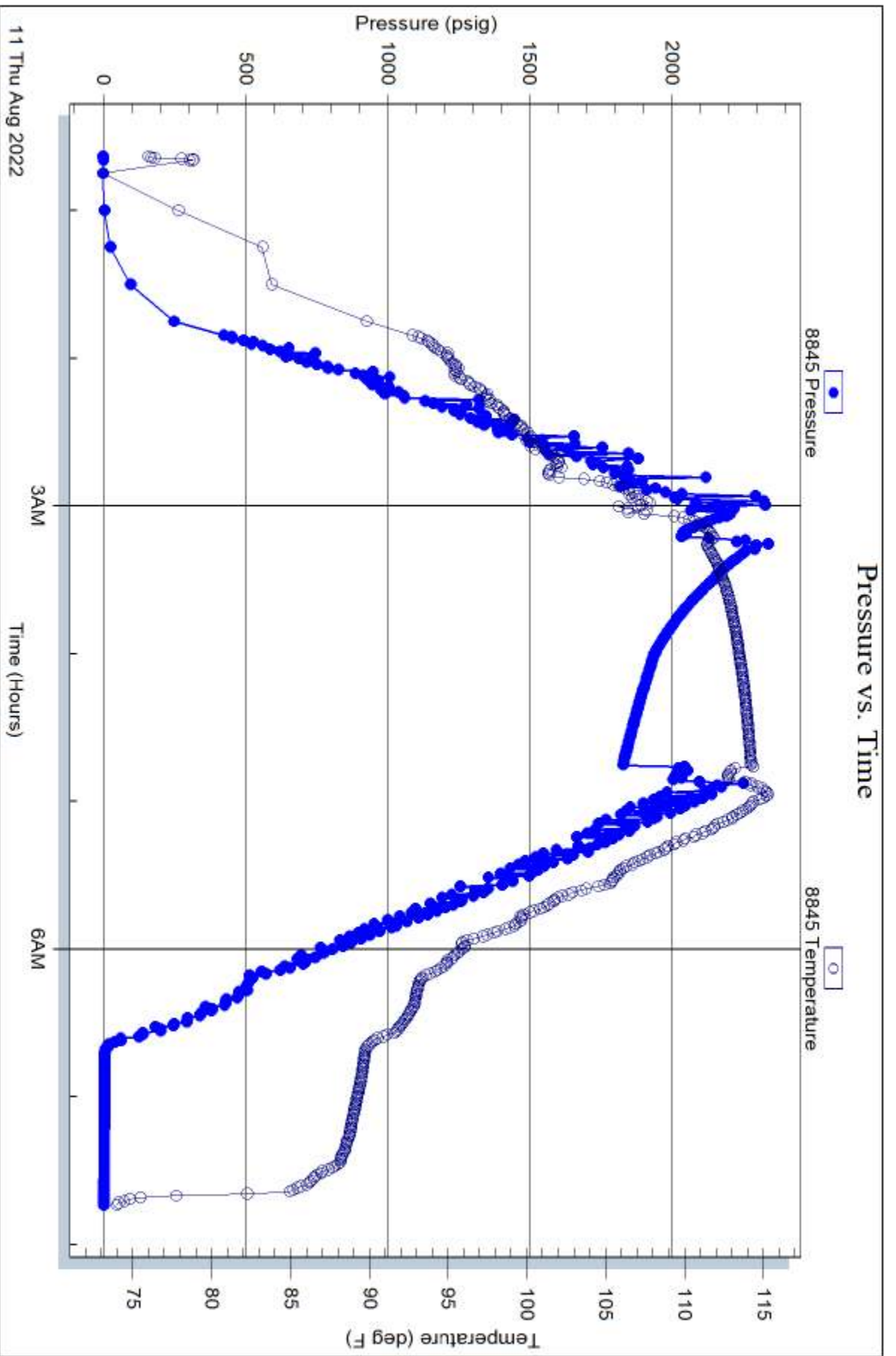
Printed: 2022.08.11 @ 08:13:13

Serial #: 8845

Below (Str Rattenho Petroleum

Casablanca #3

DST Test Number: 5



Trilobite Testing, Inc

Ref. No: 68148

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