

Confidentiality Requested:

Yes  No

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

Form ACO-1

January 2018

Form must be Typed

Form must be Signed

All blanks must be Filled

**WELL COMPLETION FORM**  
**WELL HISTORY - DESCRIPTION OF WELL & LEASE**

OPERATOR: License # \_\_\_\_\_

Name: \_\_\_\_\_

Address 1: \_\_\_\_\_

Address 2: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ + \_\_\_\_\_

Contact Person: \_\_\_\_\_

Phone: ( \_\_\_\_\_ ) \_\_\_\_\_

CONTRACTOR: License # \_\_\_\_\_

Name: \_\_\_\_\_

Wellsite Geologist: \_\_\_\_\_

Purchaser: \_\_\_\_\_

Designate Type of Completion:

New Well  Re-Entry  Workover

Oil  WSW  SWD

Gas  DH  EOR

OG  GSW

CM (Coal Bed Methane)

Cathodic  Other (Core, Expl., etc.): \_\_\_\_\_

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

Operator: \_\_\_\_\_

Well Name: \_\_\_\_\_

Original Comp. Date: \_\_\_\_\_ Original Total Depth: \_\_\_\_\_

Deepening  Re-perf.  Conv. to EOR  Conv. to SWD  
 Plug Back  Liner  Conv. to GSW  Conv. to Producer

Commingled Permit #: \_\_\_\_\_

Dual Completion Permit #: \_\_\_\_\_

SWD Permit #: \_\_\_\_\_

EOR Permit #: \_\_\_\_\_

GSW Permit #: \_\_\_\_\_

Spud Date or Date Reached TD Completion Date or Recompletion Date

API No.: \_\_\_\_\_

Spot Description: \_\_\_\_\_

\_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West

\_\_\_\_\_ Feet from  North /  South Line of Section

\_\_\_\_\_ Feet from  East /  West Line of Section

Footages Calculated from Nearest Outside Section Corner:

NE  NW  SE  SW

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

Datum:  NAD27  NAD83  WGS84

County: \_\_\_\_\_

Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Field Name: \_\_\_\_\_

Producing Formation: \_\_\_\_\_

Elevation: Ground: \_\_\_\_\_ Kelly Bushing: \_\_\_\_\_

Total Vertical Depth: \_\_\_\_\_ Plug Back Total Depth: \_\_\_\_\_

Amount of Surface Pipe Set and Cemented at: \_\_\_\_\_ Feet

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set: \_\_\_\_\_ Feet

If Alternate II completion, cement circulated from: \_\_\_\_\_

feet depth to: \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

**Drilling Fluid Management Plan**

*(Data must be collected from the Reserve Pit)*

Chloride content: \_\_\_\_\_ ppm Fluid volume: \_\_\_\_\_ bbls

Dewatering method used: \_\_\_\_\_

Location of fluid disposal if hauled offsite:

Operator Name: \_\_\_\_\_

Lease Name: \_\_\_\_\_ License #: \_\_\_\_\_

Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West

County: \_\_\_\_\_ Permit #: \_\_\_\_\_

**AFFIDAVIT**

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

Submitted Electronically

**KCC Office Use ONLY**

Confidentiality Requested

Date: \_\_\_\_\_

Confidential Release Date: \_\_\_\_\_

Wireline Log Received  Drill Stem Tests Received

Geologist Report / Mud Logs Received

UIC Distribution

ALT  I  II  III Approved by: \_\_\_\_\_ Date: \_\_\_\_\_

Operator Name: \_\_\_\_\_ Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West County: \_\_\_\_\_

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

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

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

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

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

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

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

TUBING RECORD:	Size:	Set At:	Packer At:	
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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: 5/31/2022  
 Invoice #: 0360910  
 Lease Name: Gimme Shelter  
 Well #: 1 (New)  
 County: Trego, Ks  
 Job Number: WP2879  
 District: Oakley

Date/Description	HRS/QTY	Rate	Total
Surface	0.000	0.000	0.00
Depth Charge 0'-500'	1.000	920.000	920.00
Heavy Eq Mileage	140.000	4.000	560.00
Light Eq Mileage	70.000	2.000	140.00
Ton Mileage	779.600	1.500	1,169.40
H-325	225.000	20.700	4,657.50
Cement Blending & Mixing	225.000	1.288	289.80
Service Supervisor	1.000	253.000	253.00

**Total** 7,989.70

**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 #	Gimme Shelter # 1	Date	5/31/2022
Service District	Oakley KS	County & State	Trego KS	Legals S/T/R	25-15S-25W
Job Type	Surface	<input checked="" type="checkbox"/> PROD	<input type="checkbox"/> INJ	<input type="checkbox"/> SWD	New Well? <input checked="" type="checkbox"/> YES <input type="checkbox"/> No
Job #					WP 2879

Equipment #	Driver	Job Safety Analysis - A Discussion of Hazards & Safety Procedures			
73	Josh	<input checked="" type="checkbox"/> Hard hat	<input checked="" type="checkbox"/> Gloves	<input checked="" type="checkbox"/> Lockout/Tagout	<input checked="" type="checkbox"/> Warning Signs & Flagging
208	Jose	<input checked="" type="checkbox"/> H2S Monitor	<input checked="" type="checkbox"/> Eye Protection	<input checked="" type="checkbox"/> Required Permits	<input checked="" type="checkbox"/> Fall Protection
527/530	John	<input checked="" type="checkbox"/> Safety Footwear	<input type="checkbox"/> Respiratory Protection	<input checked="" type="checkbox"/> Slip/Trip/Fall Hazards	<input 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 checked="" type="checkbox"/> Fire Extinguisher	<input type="checkbox"/> Additional concerns or issues noted below	

Product/ Service Code	Description	Unit of Measure	Quantity	Net Amount
D010	Depth Charge: 0'-500'	job	1.00	\$920.00
M010	Heavy Equipment Mileage	mi	140.00	\$560.00
M015	Light Equipment Mileage	mi	70.00	\$140.00
M020	Ton Mileage	tm	779.60	\$1,169.40
CP015	H-325	sack	225.00	\$4,657.50
C060	Cement Blending & Mixing Service	sack	225.00	\$289.80
R061	Service Supervisor	day	1.00	\$253.00

Customer Section: On the following scale how would you rate Hurricane Services Inc.?		Net:	\$7,989.70
Based on this job, how likely is it you would recommend HSI to a colleague?		Total Taxable	\$ -
<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"/>		Tax Rate:	
Unlikely 1 2 3 4 5 6 7 8 9 10 Extremely Likely		Sale Tax:	\$ -
		Total:	\$ 7,989.70
		HSI Representative: <i>Josh Mosier</i>	

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

X \_\_\_\_\_ **CUSTOMER AUTHORIZATION SIGNATURE**



### CEMENT TREATMENT REPORT

<b>Customer:</b> Palomino Petroleum Inc	<b>Well:</b> Gimme Shelter # 1	<b>Ticket:</b> WP 2879
<b>City, State:</b> Oakley KS	<b>County:</b> Trego KS	<b>Date:</b> 5/31/2022
<b>Field Rep:</b> Deon	<b>S-T-R:</b> 25-15S-25W	<b>Service:</b> Surface

Downhole Information	Calculated Slurry - Lead	Calculated Slurry - Tail
Hole Size: 12.25 in	Blend: H- 325	Blend:
Hole Depth: 309 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: 309 ft	Yield: 1.41 ft <sup>3</sup> / sx	Yield: ft <sup>3</sup> / sx
Tubing / Liner: in	Annular Bbls / Ft.: 0.0735 bbs / ft.	Annular Bbls / Ft.: bbs / ft.
Depth: ft	Depth: 309 ft	Depth: ft
Tool / Packer:	Annular Volume: 22.7 bbls	Annular Volume: 0 bbls
Tool Depth: ft	Excess:	Excess:
Displacement: 18.4 bbls	Total Slurry: 56.5 bbls	Total Slurry: 0.0 bbls
	Total Sacks: 225 sx	Total Sacks: 0 sx

	STAGE	TOTAL		REMARKS	
TIME	RATE	PSI	BBLs	BBLs	
320P			-	-	GOT TO LOCATION
325P				-	SAFETY MEETING
330P				-	RIGGED UP TRUCKS
340P	3.0	100.0	5.0	5.0	PUMPED H2O AHEAD
342P		250.0	56.5	61.5	PUMPED 225 SKS OF H- 325 @ 309 FT
358P		250.0	18.4	79.9	DISPLACED WITH H2O
403P				79.9	PLUG DOWN WITH 5 BBL TO PIT
405P				79.9	WASHED UP PUMP TRUCK
410P				79.9	RIGGED DOWN TRUCKS
430P				79.9	OFF LOCATION
				79.9	

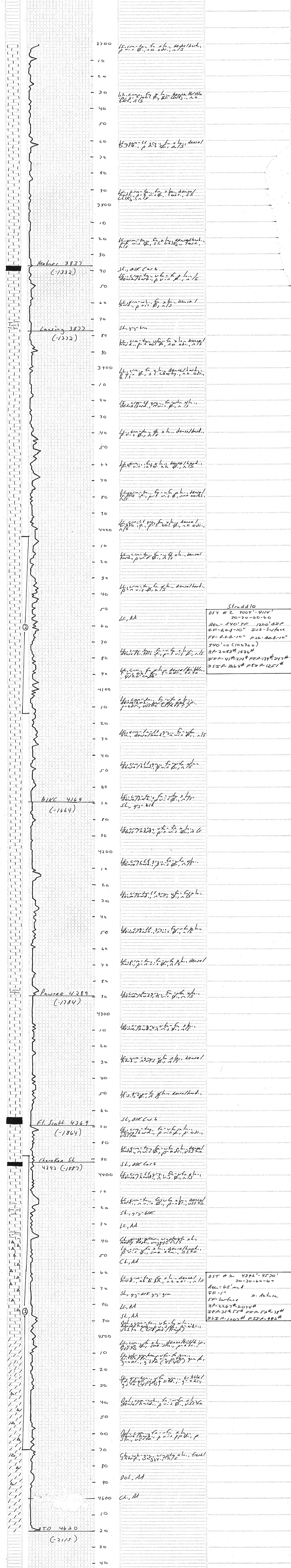
CREW		UNIT		SUMMARY		
Cementer:	Josh		73	Average Rate	Average Pressure	Total Fluid
Pump Operator:	Jose		208	3.0 bpm	200 psi	80 bbls
Bulk #1:	John		527/530			
Bulk #2:						

Palominas Petroleum, Inc.  
Birmingham Shale #1

Geological Report Form with fields for Location, County, Well Name, Log Name, and various technical specifications.

Geological Legend showing patterns for Sandstone, Shale, etc.

SCALE 1" = 100'



TO 4620 (-2115)

Straddle  
DST # 2 4004'-4114'  
30-30-60-60  
Rec-540' 7F 1200' STP  
FF-0.0.0-10" FF-Surface  
FF-0.0.0-10" FSI-0.0.0-10"

DST # 2 4392'-4520'  
30-30-60-60  
Rec-65' mud  
FF-1" N. Actin  
FF-Surface  
HP-2267# 2074#  
FF-0.25# 55# FF-0.5# 78#  
FSI-0.100# FSI-0.782#



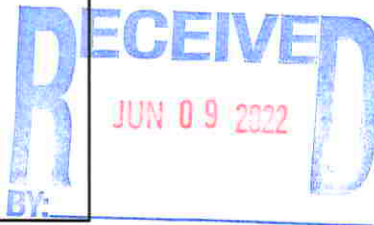
P. O. Box 466  
Ness City, KS 67560  
Off: 785-798-2300



# Invoice

DATE	INVOICE #
6/6/2022	34639

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	#1	Give Me Shel...	Trego	Duke Drlg	Oil	Development	5 1/2 Longstring	Preston
PRICE REF.	DESCRIPTION				QTY	UM	UNIT PRICE	AMOUNT
575D	Mileage - 1 Way				30	Miles	7.00	210.00
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				10	Each	100.00	1,000.00T
325	Standard Cement				125	Sacks	15.00	1,875.00T
279	Bentonite Gel				2	Sack(s)	40.00	80.00T
283	Salt				700	Lb(s)	0.25	175.00T
276	Flocele				25	Lb(s)	3.00	75.00T
325	Standard Cement (EA2)				100	Sacks	15.00	1,500.00T
284	Calseal				5	Sack(s)	50.00	250.00T
283	Salt				500	Lb(s)	0.25	125.00T
285	CFR-1				50	Lb(s)	6.00	300.00T
276	Flocele				25	Lb(s)	3.00	75.00T
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				4	Gallon(s)	42.00	168.00T
581D	Service Charge Cement				225	Sacks	2.00	450.00
582D	Minimum Drayage Charge				1	Each	350.00	350.00
	Subtotal							12,733.00
	Sales Tax Trego County						7.50%	759.23

**We Appreciate Your Business!**

**Total** \$13,492.23





CHARGE TO: *Palomino Petroleum*

ADDRESS

CITY, STATE, ZIP CODE

TICKET **34639**

PAGE 1 OF 2

1. SERVICE LOCATIONS <i>Ness City</i>	WELL/PROJECT NO. <i>#1</i>	LEASE <i>Give me shelter</i>	COUNTY/PARISH <i>Trego</i>	STATE <i>KS</i>	CITY	DATE <i>6-6-22</i>	OWNER
2. TICKET TYPE <input checked="" type="checkbox"/> SERVICE <input type="checkbox"/> SALES	CONTRACTOR <i>Duke</i>		RIG NAME/NO.	SHIPPED VIA <i>CT</i>	DELIVERED TO <i>location</i>	ORDER NO.	
3. WELL TYPE <i>oil</i>	WELL CATEGORY <i>Development</i>	JOB PURPOSE <i>long string 5 1/2"</i>		WELL PERMIT NO.	WELL LOCATION <i>Arnold 6-N, 4w, 5-into</i>		
4. REFERRAL LOCATION	INVOICE INSTRUCTIONS						

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
<i>575</i>		<i>1</i>			MILEAGE <i>Truck 112</i>	<i>30</i>	<i>mi</i>			<i>7.00</i>	<i>210.00</i>
<i>578</i>		<i>1</i>			<i>pump charge</i>	<i>1</i>	<i>Job</i>			<i>1600.00</i>	<i>1600.00</i>
<i>404</i>		<i>1</i>			<i>Port Collar</i>	<i>1</i>	<i>ea</i>	<i>5 1/2"</i>		<i>2500.00</i>	<i>2500.00</i>
<i>403</i>		<i>1</i>			<i>CMT Basket</i>	<i>1</i>	<i>ea</i>	<i>5 1/2"</i>		<i>300.00</i>	<i>300.00</i>
<i>406</i>		<i>1</i>			<i>hatch Down Plug + Baffle</i>	<i>1</i>	<i>ea</i>	<i>5 1/2"</i>		<i>250.00</i>	<i>250.00</i>
<i>407</i>		<i>1</i>			<i>Insert Float shoe w/ Auto Fill</i>	<i>1</i>	<i>ea</i>	<i>5 1/2"</i>		<i>350.00</i>	<i>350.00</i>
<i>409</i>		<i>1</i>			<i>Turbolizers</i>	<i>10</i>	<i>ea</i>	<i>5 1/2"</i>		<i>100.00</i>	<i>1000.00</i>

**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

DATE SIGNED *6-6-22* TIME SIGNED *22:30*  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
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?			
WE UNDERSTOOD AND MET YOUR NEEDS?			
OUR SERVICE WAS PERFORMED WITHOUT DELAY?			
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?			
ARE YOU SATISFIED WITH OUR SERVICE?	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND			

PAGE TOTAL

*#1 62101.00*

*#2 6523.00*

*# 12733.00*

*TREGO*

*759.23*

TOTAL *13492.23*

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

SWIFT\_OPERATOR *Pratt Reese*

APPROVAL

Thank You!



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

TICKET CONTINUATION

TICKET No. 34639

CUSTOMER *Palomiro Petroleum* WELL *Give me shelter #1* DATE *6-6-22* PAGE *2* OF *2*

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			TIME	DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT
		LOC	ACCT	DF								
325		1				STD CMT	125	SK			15.00	1875.00
279		1				Bentonite Gel	2	SK			40.00	80.00
283		1				salt	700	lb			.25	175.00
276		1				Floccle	25	lb			3.00	75.00
325		1				STD CMT	100	SK			15.00	1500.00
284		1				Calseal	5	SK			50.00	250.00
283		1				salt	500	lb			.25	125.00
285		1				CFR-1	50	lb			6.00	300.00
276		1				Floccle	25	lb			3.00	75.00
281		1				Mud Flush	500	gal			2.00	1000.00
221		1				Liquid KCL	4	gal			25.00	100.00
290		1				D-Air	4	gal			42.00	168.00
581		1				SERVICE CHARGE CMT Service charge					2.00	450.00
582		1				MILEAGE CHARGE						350.00

CUBIC FEET 225 ~~SK~~ SK  
TON MILES 347 min 350

CONTINUATION TOTAL 6523.00

JOB LOG

SWIFT Services, Inc.

DATE 6-6-22 PAGE NO. 1

CUSTOMER Palomares Petroleum WELL NO. #1 LEASE Give me shelter JOB TYPE long string TICKET NO. 34639

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	16:30							ON location 5 1/2" 14# RTD 4620' LTD 4620' Shoe 41,80' set at 4619 PC 1953 #64 Basket 1992' pin #64 Turbolizers 4, 9, 11, 12, 13, 14, 15, 16, 65
	17:10							start 5 1/2" casing
	19:25							drop ball circulate
	20:25	3	12				150	mix mud flush (200)
		3	20				150	KCL water (20)
			-0-					
	20:35		8					mix 30 SKS (RH)
	20:45	4	<del>22</del>				200	start std cmt
	20:55	4	24				200	Ea 2
	21:05		-0-					wash pump lines
	21:10	6	-0-				200	start displacement
			82				300	lift psi
			108				800	max lift
	21:30		109				1900	land plug
								Release psi
	21:45							wash truck
	22:20							Job Complete Thanks! Preston, Kirby, John
								<del>90</del> 125 SKS std 24 gal, 110% std 24 # 30 to pit 95 down hole 100 SKS Ea 2



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

Palomino Petroleum  
4924 SE 84TH ST  
New ton KS 67114-8827  
ATTN: Nick Gerstner

**25-15-25w**

**Gimme Shelter**

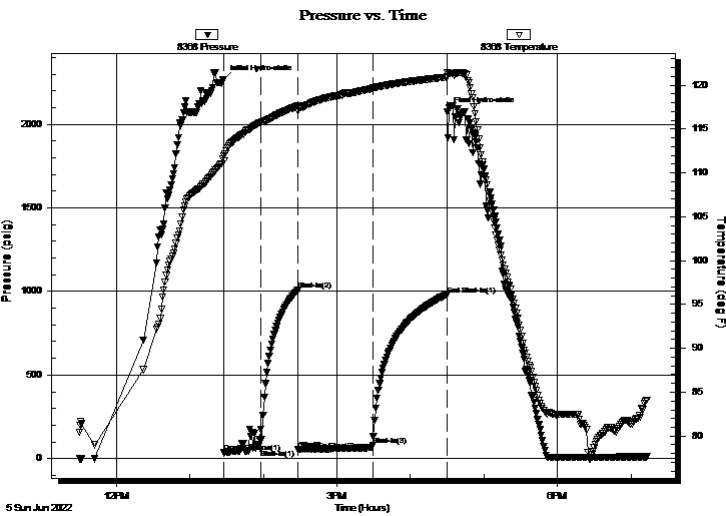
Job Ticket: 59502      **DST#: 1**  
Test Start: 2022.06.05 @ 11:30:00

## GENERAL INFORMATION:

Formation: **Cherokee**  
Deviated: No Whipstock: ft (KB)  
Time Tool Opened: 13:28:00  
Time Test Ended: 19:13:30  
Interval: **4388.00 ft (KB) To 4570.00 ft (KB) (TVD)**  
Total Depth: 4620.00 ft (KB) (TVD)  
Hole Diameter: 7.88 inches Hole Condition: Fair  
Test Type: Conventional Straddle (Initial)  
Tester: Terry  
Unit No: 75  
Reference Elevations: 2505.00 ft (KB)  
2497.00 ft (CF)  
KB to GR/CF: 8.00 ft

**Serial #: 8368**      **Inside**  
Press@RunDepth: 54.95 psig @ 4391.00 ft (KB)      Capacity: 8000.00 psig  
Start Date: 2022.06.05      End Date: 2022.06.05      Last Calib.: 1899.12.30  
Start Time: 11:30:05      End Time: 19:13:29      Time On Btm: 2022.06.05 @ 13:27:45  
Time Off Btm: 2022.06.05 @ 16:30:15

TEST COMMENT: IF-30-2Inches  
IS-30- No return  
FF-60- 2 Inches  
FS-60- No return



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2266.53	111.93	Initial Hydro-static
1	35.19	111.36	Open To Flow (1)
31	54.95	115.65	Shut-In(1)
61	1006.72	117.62	Shut-In(2)
61	52.30	117.10	Open To Flow (2)
122	78.34	119.62	Shut-In(3)
183	981.60	120.91	End Shut-In(1)
183	2074.78	121.44	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
65.00	100% MUD	0.95

## 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 67114-8827  
ATTN: Nick Gerstner

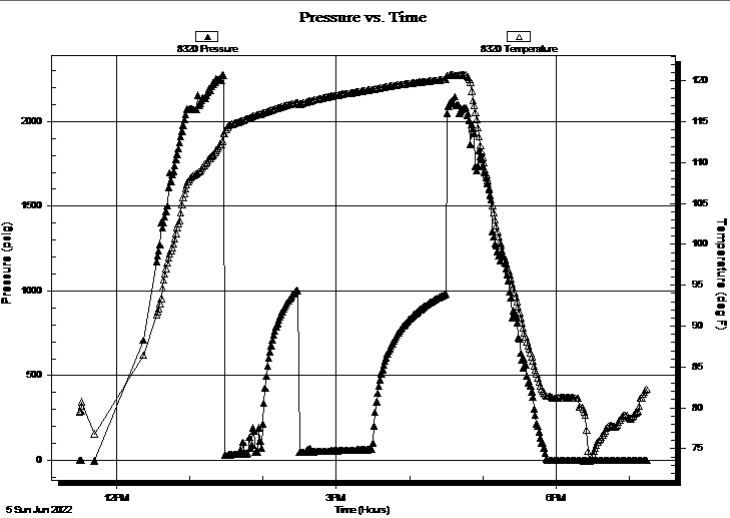
**25-15-25w**  
**Gimme Shelter**  
Job Ticket: 59502      **DST#: 1**  
Test Start: 2022.06.05 @ 11:30:00

## GENERAL INFORMATION:

Formation: **Cherokee**  
Deviated: No Whipstock: ft (KB)      Test Type: Conventional Straddle (Initial)  
Time Tool Opened: 13:28:00      Tester: Terry  
Time Test Ended: 19:13:30      Unit No: 75  
**Interval: 4388.00 ft (KB) To 4570.00 ft (KB) (TVD)**      Reference Elevations: 2505.00 ft (KB)  
Total Depth: 4620.00 ft (KB) (TVD)      2497.00 ft (CF)  
Hole Diameter: 7.88 inches Hole Condition: Fair      KB to GR/CF: 8.00 ft

**Serial #: 8320**      **Outside**  
Press@RunDepth: psig @ 4391.00 ft (KB)      Capacity: 8000.00 psig  
Start Date: 2022.06.05      End Date: 2022.06.05      Last Calib.: 1899.12.30  
Start Time: 11:30:05      End Time: 19:13:44      Time On Btm:  
Time Off Btm:

TEST COMMENT: IF-30-2Inches  
IS-30- No return  
FF-60- 2 Inches  
FS-60- No return



## PRESSURE SUMMARY

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

## Recovery

Length (ft)	Description	Volume (bbl)
65.00	100% MUD	0.95

## 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 67114-8827  
 ATTN: Nick Gerstner

**25-15-25w**  
**Gimme Shelter**  
 Job Ticket: 59502 **DST#: 1**  
 Test Start: 2022.06.05 @ 11:30:00

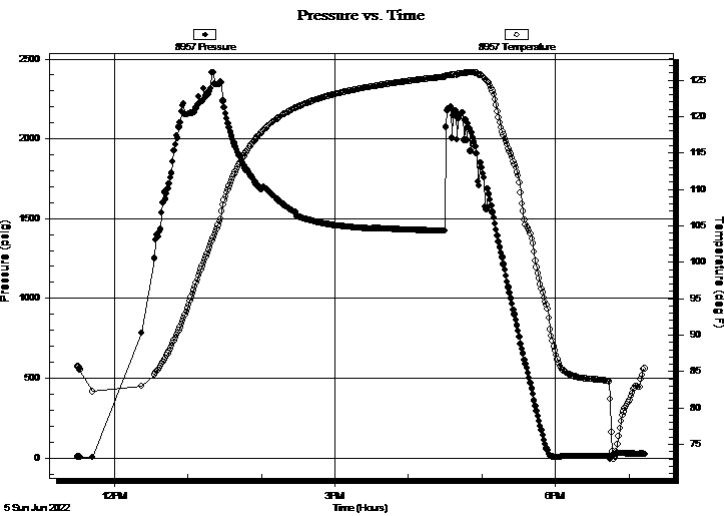
## GENERAL INFORMATION:

Formation: **Cherokee**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 13:28:00  
 Time Test Ended: 19:13:30  
 Interval: **4388.00 ft (KB) To 4570.00 ft (KB) (TVD)**  
 Total Depth: 4620.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Fair  
 Test Type: Conventional Straddle (Initial)  
 Tester: Terry  
 Unit No: 75  
 Reference Elevations: 2505.00 ft (KB)  
 2497.00 ft (CF)  
 KB to GR/CF: 8.00 ft

## Serial #: 8957

Press@RunDepth: psig @ ft (KB) Capacity: 8000.00 psig  
 Start Date: 2022.06.05 End Date: 2022.06.05 Last Calib.: 1899.12.30  
 Start Time: 11:30:01 End Time: 19:13:30 Time On Btm:  
 Time Off Btm:

TEST COMMENT: IF-30-2Inches  
 IS-30- No return  
 FF-60- 2 Inches  
 FS-60- No return



## PRESSURE SUMMARY

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

## Recovery

Length (ft)	Description	Volume (bbl)
65.00	100% MUD	0.95

## Gas Rates

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



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

## FLUID SUMMARY

Palomino Petroleum

**25-15-25w**

4924 SE 84TH ST  
New ton KS 67114-8827

**Gimme Shelter**

Job Ticket: 59502

**DST#: 1**

ATTN: Nick Gerstner

Test Start: 2022.06.05 @ 11:30:00

### Mud and Cushion Information

Mud Type:		Cushion Type:		Oil API:	deg API
Mud Weight:	9.00 lb/gal	Cushion Length:	ft	Water Salinity:	ppm
Viscosity:	60.00 sec/qt	Cushion Volume:	bbbl		
Water Loss:	5.80 in <sup>3</sup>	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	1800.00 ppm				
Filter Cake:	1.00 inches				

### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
65.00	100% MUD	0.946

Total Length: 65.00 ft      Total Volume: 0.946 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

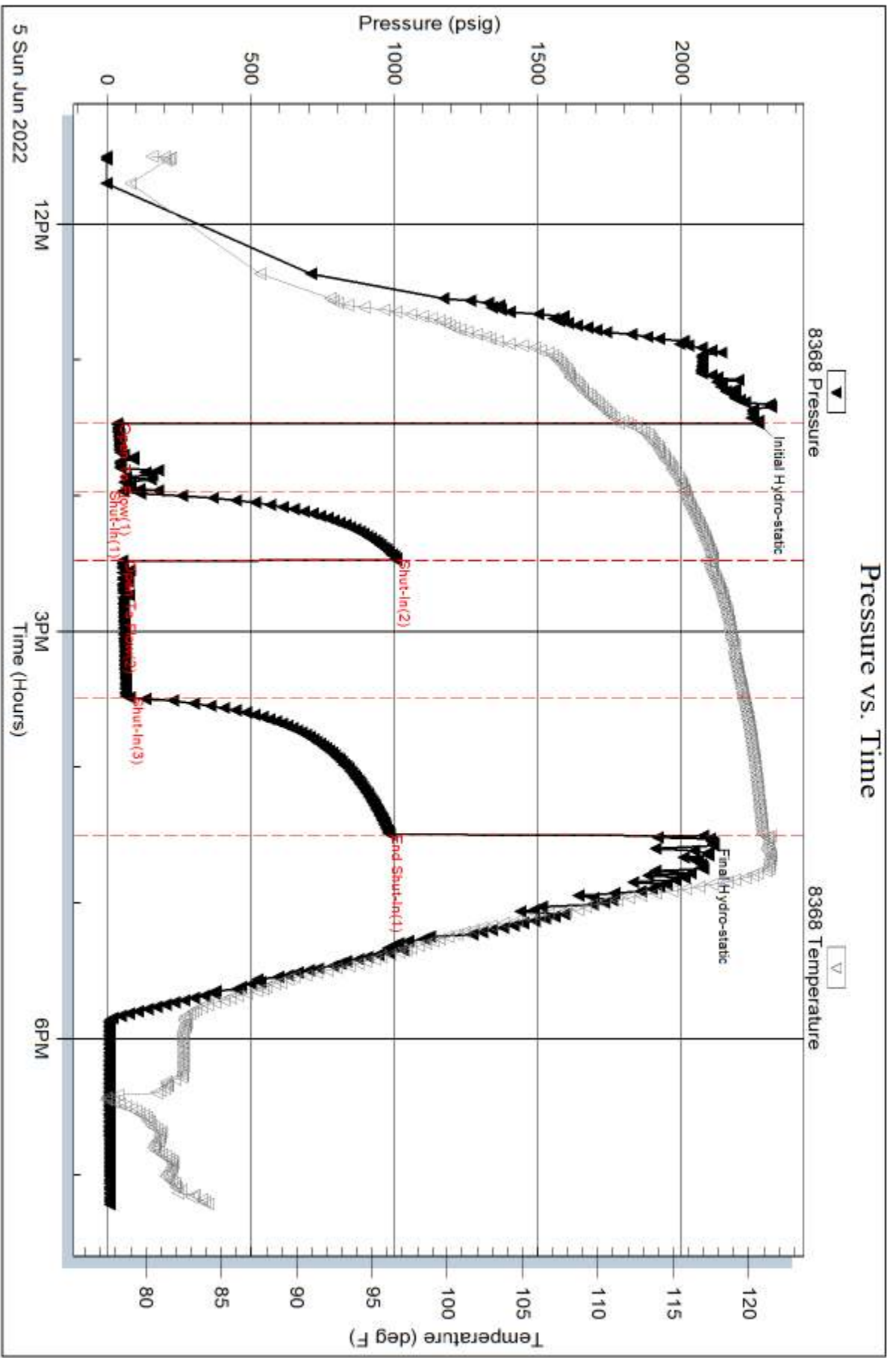
Serial #: 8368

Inside

Palomino Petroleum

Gimre Shelter

DST Test Number: 1



Trilobite Testing, Inc

Ref. No: 59502

Printed: 2022.06.05 @ 21:59:51

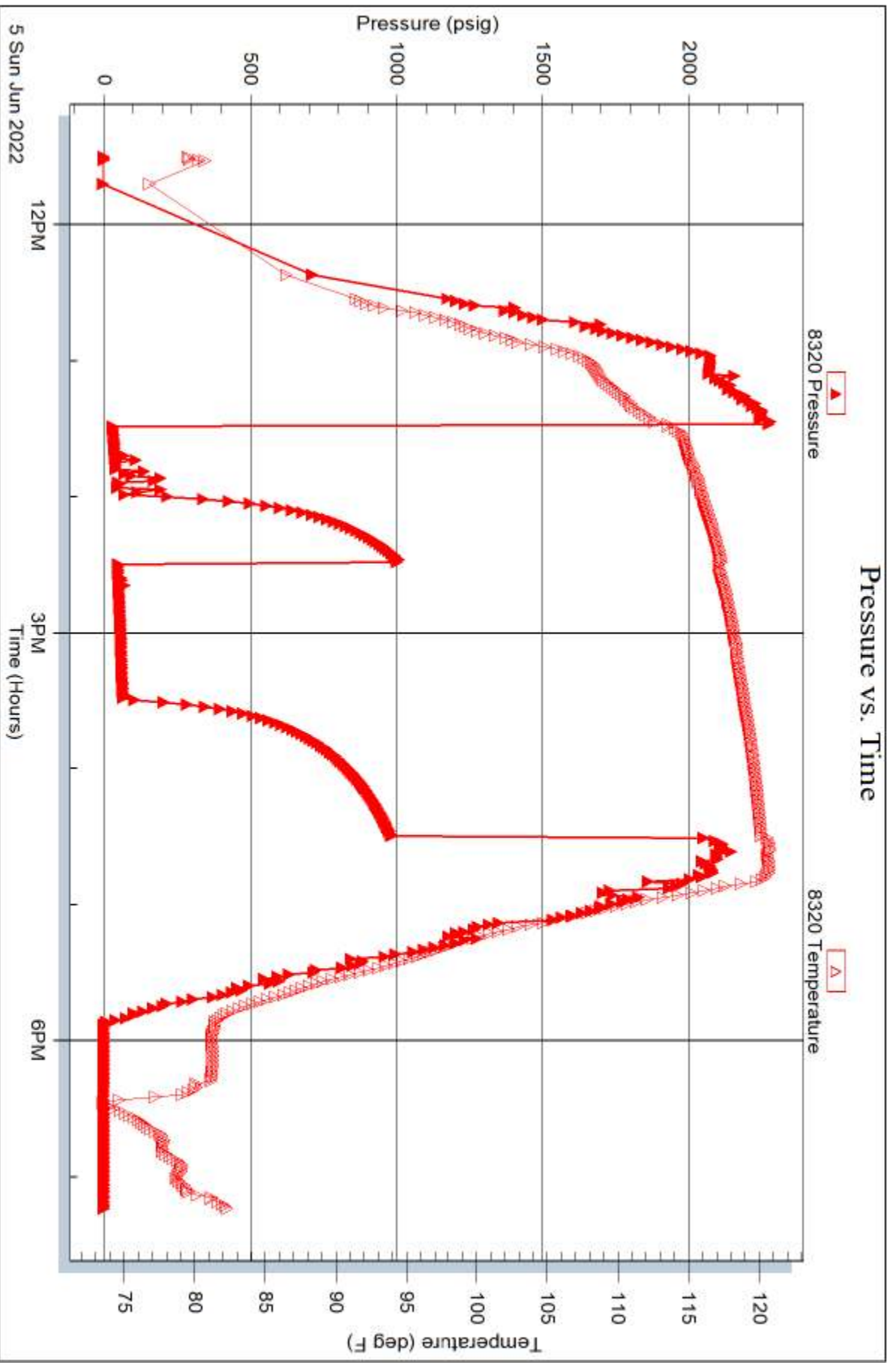


Serial #: 8320

Outside Palomino Petroleum

Gimme Shelter

DST Test Number: 1



Trilobite Testing, Inc

Ref. No: 59502

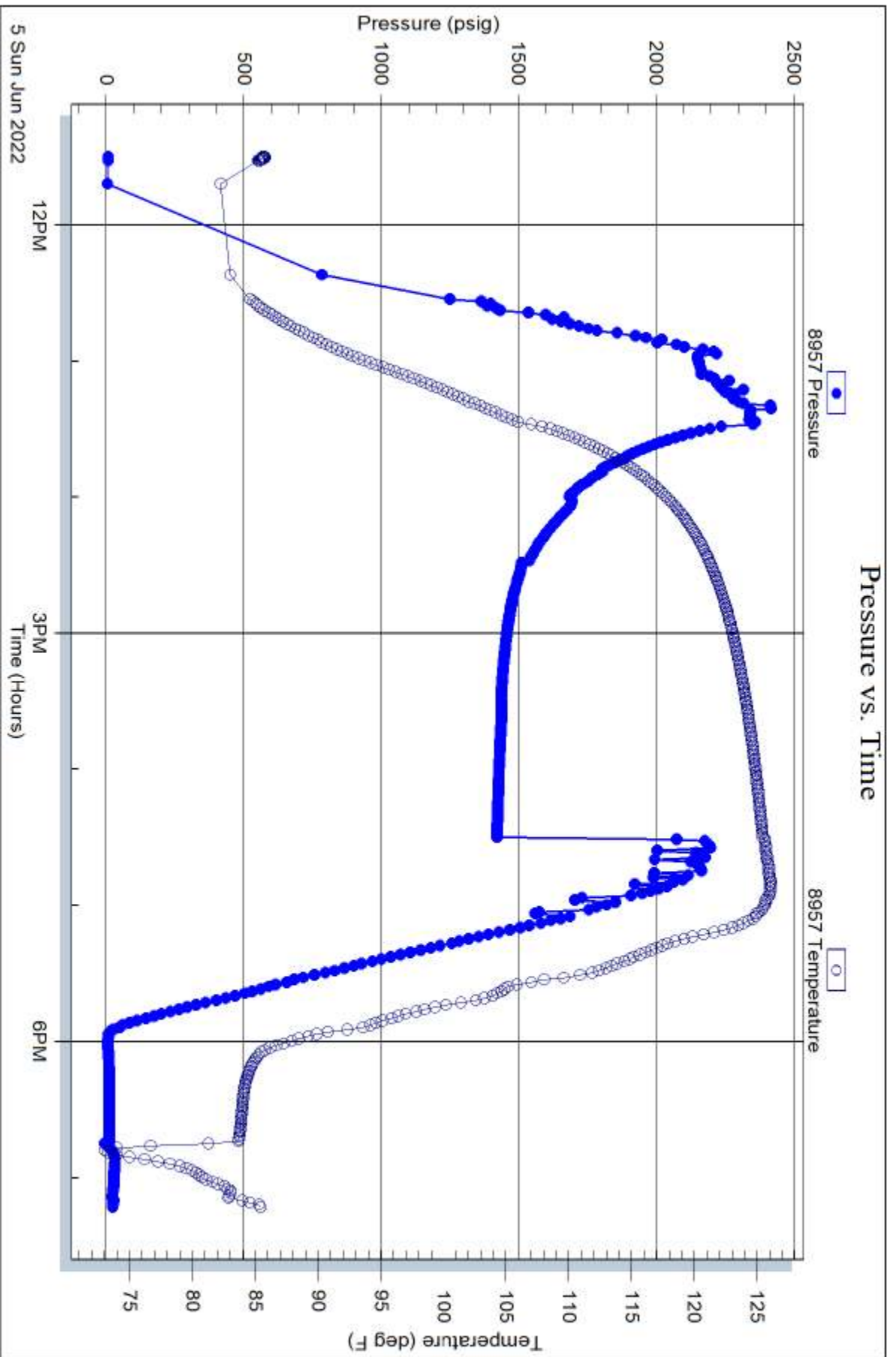
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Serial #: 8957

Palomino Petroleum

Gimme Shelter

DST Test Number: 1





## DRILL STEM TEST REPORT

Prepared For: **Palomino Petroleum**

4924 SE 84th St  
Newton KS 67114-8827

ATTN: Nick Gerstner

### **Gimme Shelter #1**

### **25-15-25w Trego,KS**

Start Date: 2022.06.05 @ 11:30:00

End Date: 2022.06.05 @ 19:13:30

Job Ticket #: 59502                      DST #: 1

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

Printed: 2022.06.13 @ 16:13:02



**TRILOBITE TESTING, INC**

# DRILL STEM TEST REPORT

Palomino Petroleum  
 4924 SE 84th St  
 New ton KS 67114-8827  
 ATTN: Nick Gerstner

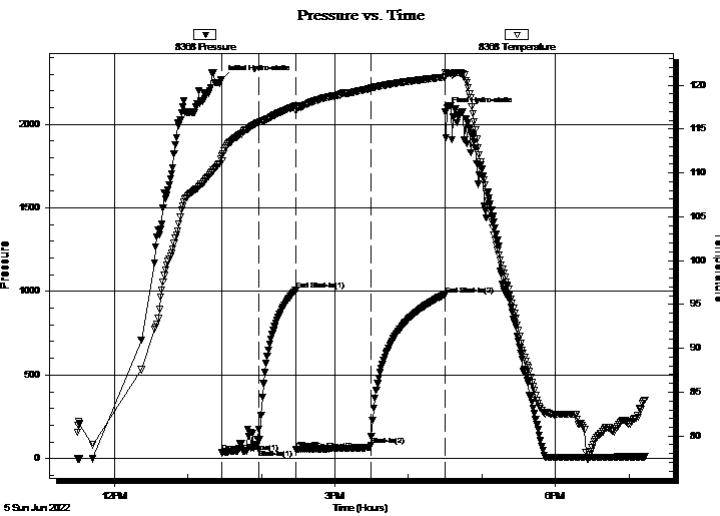
**25-15-25w Trego,KS**  
**Gimme Shelter #1**  
 Job Ticket: 59502 **DST#: 1**  
 Test Start: 2022.06.05 @ 11:30:00

## GENERAL INFORMATION:

Formation: **Cherokee**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 13:28:00  
 Time Test Ended: 19:13:30  
 Interval: **4388.00 ft (KB) To 4570.00 ft (KB) (TVD)**  
 Total Depth: 4620.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Fair  
 Test Type: Conventional Straddle (Initial)  
 Tester: Terry  
 Unit No: 75  
 Reference Elevations: 2505.00 ft (KB)  
 2497.00 ft (CF)  
 KB to GR/CF: 8.00 ft

**Serial #: 8368** **Inside**  
 Press@RunDepth: 78.34 psig @ 4391.00 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2022.06.05 End Date: 2022.06.05 Last Calib.: 2022.06.05  
 Start Time: 11:30:05 End Time: 19:13:29 Time On Btm: 2022.06.05 @ 13:27:45  
 Time Off Btm: 2022.06.05 @ 16:30:15

TEST COMMENT: IF-30-2"  
 IS-30- No return  
 FF-60- 2"  
 FS-60- No return



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2266.53	111.93	Initial Hydro-static
1	35.19	111.36	Open To Flow (1)
31	54.95	115.65	Shut-In(1)
61	1006.72	117.62	End Shut-In(1)
61	52.30	117.10	Open To Flow (2)
122	78.34	119.62	Shut-In(2)
183	981.60	120.91	End Shut-In(2)
183	2074.78	121.44	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
65.00	100% MUD	0.95

## Gas Rates

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



# DRILL STEM TEST REPORT

Palomino Petroleum  
 4924 SE 84th St  
 New ton KS 67114-8827  
 ATTN: Nick Gerstner

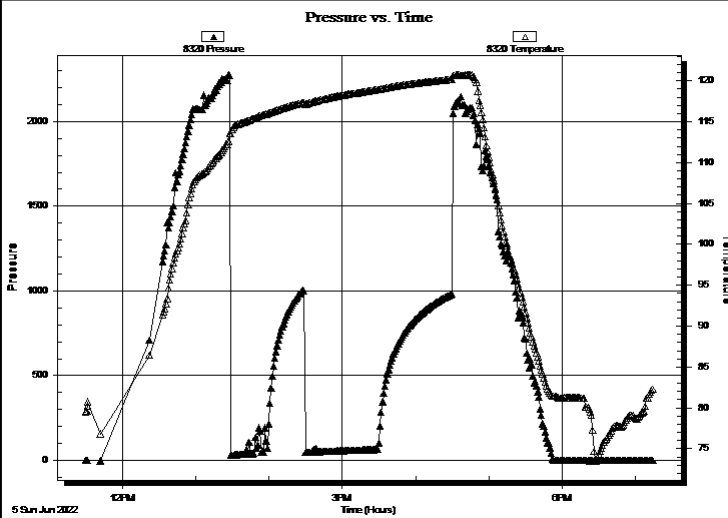
**25-15-25w Trego,KS**  
**Gimme Shelter #1**  
 Job Ticket: 59502      **DST#: 1**  
 Test Start: 2022.06.05 @ 11:30:00

## GENERAL INFORMATION:

Formation: **Cherokee**  
 Deviated: No Whipstock: ft (KB)  
 Test Type: Conventional Straddle (Initial)  
 Time Tool Opened: 13:28:00  
 Tester: Terry  
 Time Test Ended: 19:13:30  
 Unit No: 75  
 Interval: **4388.00 ft (KB) To 4570.00 ft (KB) (TVD)**  
 Reference Elevations: 2505.00 ft (KB)  
 Total Depth: 4620.00 ft (KB) (TVD)  
 2497.00 ft (CF)  
 Hole Diameter: 7.88 inches  
 Hole Condition: Fair  
 KB to GR/CF: 8.00 ft

**Serial #: 8320 Outside**  
 Press@RunDepth: psig @ 4391.00 ft (KB)      Capacity: 8000.00 psig  
 Start Date: 2022.06.05      End Date: 2022.06.05      Last Calib.: 1899.12.30  
 Start Time: 11:30:05      End Time: 19:13:44      Time On Btm:  
 Time Off Btm:

TEST COMMENT: IF-30-2"  
 IS-30- No return  
 FF-60- 2"  
 FS-60- No return



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

Recovery		
Length (ft)	Description	Volume (bbl)
65.00	100% MUD	0.95

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 67114-8827  
ATTN: Nick Gerstner

**25-15-25w Trego,KS**  
**Gimme Shelter #1**  
Job Ticket: 59502 **DST#: 1**  
Test Start: 2022.06.05 @ 11:30:00

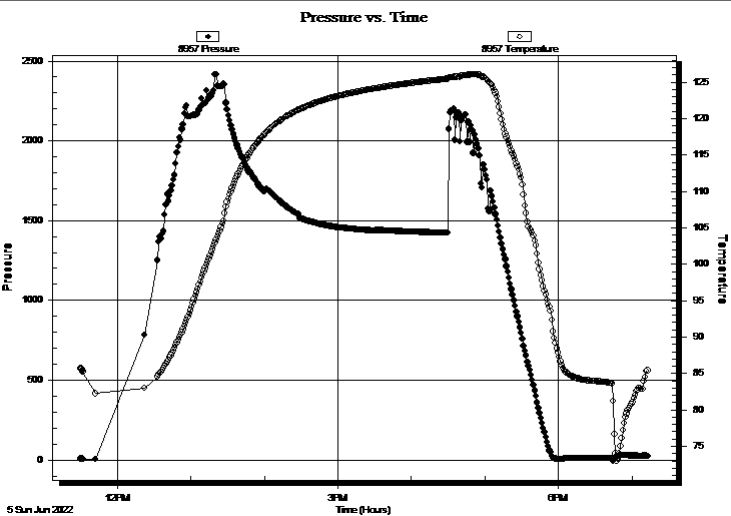
**GENERAL INFORMATION:**

Formation: **Cherokee**  
Deviated: No Whipstock: ft (KB)  
Time Tool Opened: 13:28:00  
Time Test Ended: 19:13:30  
**Interval: 4388.00 ft (KB) To 4570.00 ft (KB) (TVD)**  
Total Depth: 4620.00 ft (KB) (TVD)  
Hole Diameter: 7.88 inches Hole Condition: Fair  
Test Type: Conventional Straddle (Initial)  
Tester: Terry  
Unit No: 75  
Reference Elevations: 2505.00 ft (KB)  
2497.00 ft (CF)  
KB to GR/CF: 8.00 ft

**Serial #: 8957**

Press@RunDepth: psig @ ft (KB)  
Capacity: 8000.00 psig  
Start Date: 2022.06.05 End Date: 2022.06.05 Last Calib.: 1899.12.30  
Start Time: 11:30:01 End Time: 19:13:30 Time On Btm:  
Time Off Btm:

**TEST COMMENT:** IF-30-2"  
IS-30- No return  
FF-60- 2"  
FS-60- No return



**PRESSURE SUMMARY**

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

**Recovery**

Length (ft)	Description	Volume (bbl)
65.00	100% MUD	0.95

**Gas Rates**

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



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Palomino Petroleum  
4924 SE 84th St  
New ton KS 67114-8827  
ATTN: Nick Gerstner

**25-15-25w Trego,KS**  
**Gimme Shelter #1**  
Job Ticket: 59502      **DST#: 1**  
Test Start: 2022.06.05 @ 11:30:00

**Tool Information**

Drill Pipe:	Length: 4363.00 ft	Diameter: 3.87 inches	Volume: 63.48 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: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 62000.00 lb
			<u>Total Volume: 63.48 bbl</u>	Tool Chased ft
Drill Pipe Above KB:	6.00 ft			String Weight: Initial 59000.00 lb
Depth to Top Packer:	4388.00 ft			Final 60000.00 lb
Depth to Bottom Packer:	4570.00 ft			
Interval between Packers:	182.00 ft			
Tool Length:	269.00 ft			
Number of Packers:	2	Diameter: 6.88 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4358.00	
Shut In Tool	5.00			4363.00	
Hydraulic tool	5.00			4368.00	
Jars	5.00			4373.00	
EM Tool	3.00			4376.00	
Safety Joint	3.00			4379.00	
Packer	5.00			4384.00	31.00 Bottom Of Top Packer
Packer	4.00			4388.00	
Stubb	1.00			4389.00	
Perforations	1.00			4390.00	
Change Over Sub	1.00			4391.00	
Recorder	0.00	8368	Inside	4391.00	
Recorder	0.00	8320	Outside	4391.00	
Drill Pipe	158.00			4549.00	
Change Over Sub	1.00			4550.00	
Perforations	19.00			4569.00	
Blank Off Sub	1.00			4570.00	182.00 Tool Interval
Packer	4.00			4574.00	
Stubb	1.00			4575.00	
Change Over Sub	1.00			4576.00	
Recorder	0.00	957		4576.00	
Drill Pipe	32.00			4608.00	
Change Over Sub	1.00			4609.00	
Perforations	14.00			4623.00	
Bullnose	3.00			4626.00	56.00 Bottom Packers & Anchor
<b>Total Tool Length:</b>	<b>269.00</b>				



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

## FLUID SUMMARY

Palomino Petroleum

**25-15-25w Trego,KS**

4924 SE 84th St  
New ton KS 67114-8827

**Gimme Shelter #1**

Job Ticket: 59502

**DST#: 1**

ATTN: Nick Gerstner

Test Start: 2022.06.05 @ 11:30:00

### Mud and Cushion Information

Mud Type:		Cushion Type:		Oil API:	deg API
Mud Weight:	9.00 lb/gal	Cushion Length:	ft	Water Salinity:	ppm
Viscosity:	60.00 sec/qt	Cushion Volume:	bbbl		
Water Loss:	5.79 in <sup>3</sup>	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	1800.00 ppm				
Filter Cake:	1.00 inches				

### Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
65.00	100% MUD	0.946

Total Length: 65.00 ft      Total Volume: 0.946 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



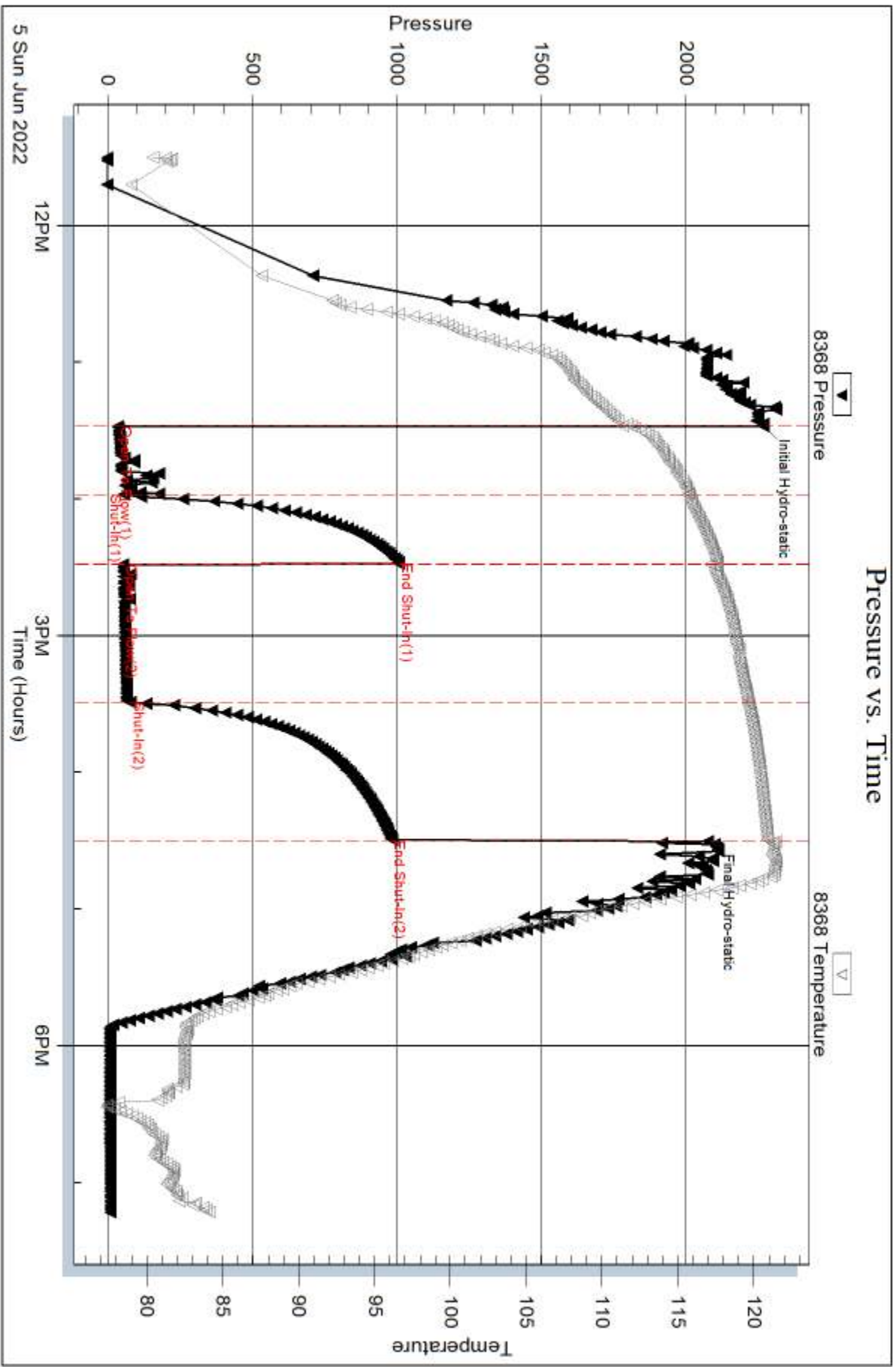
Serial #: 8368

Inside

Palomino Petroleum

Gimre Shelter #1

DST Test Number: 1

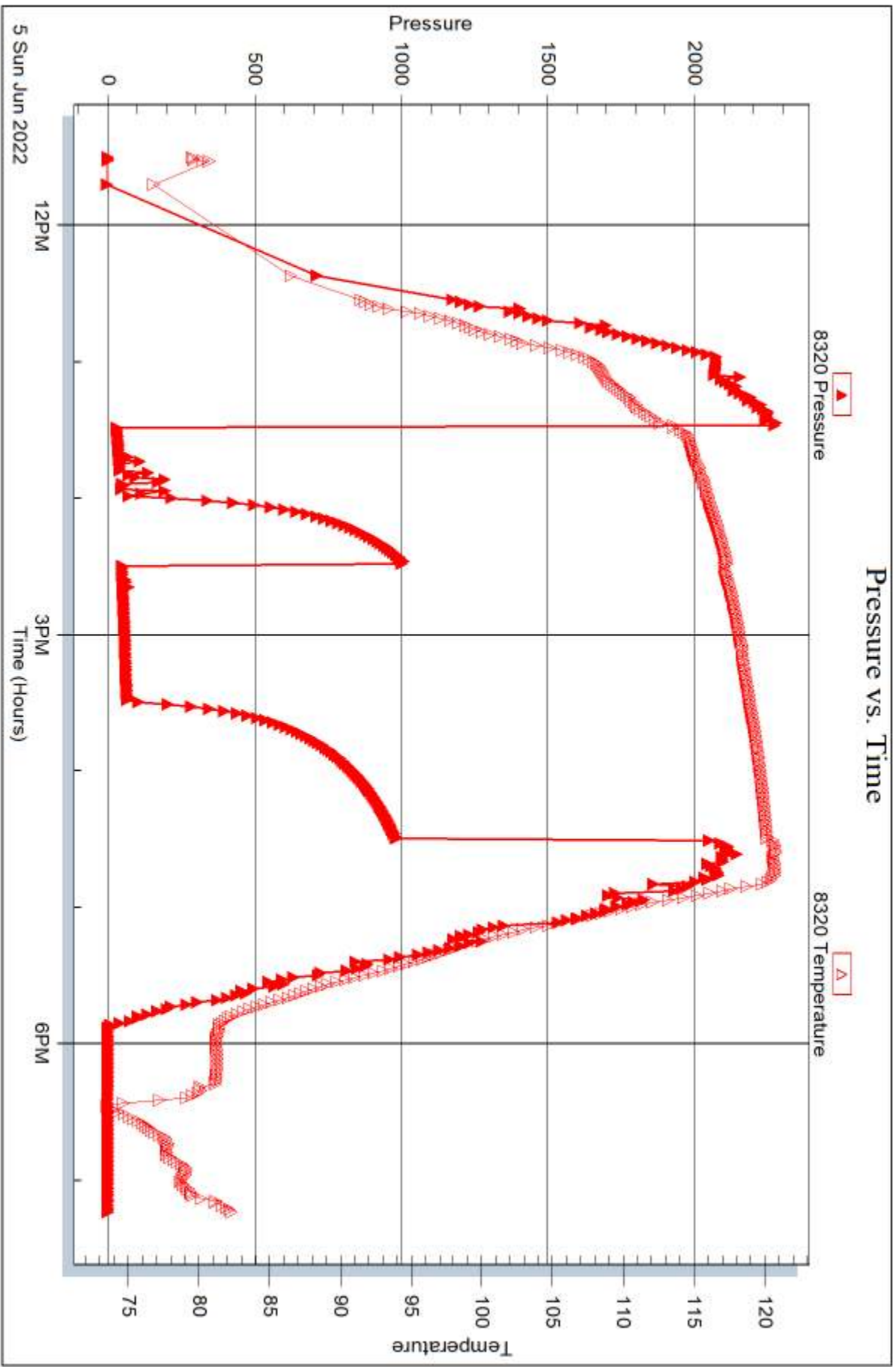


Serial #: 8320

Outside Palomino Petroleum

Gimme Shelter #1

DST Test Number: 1

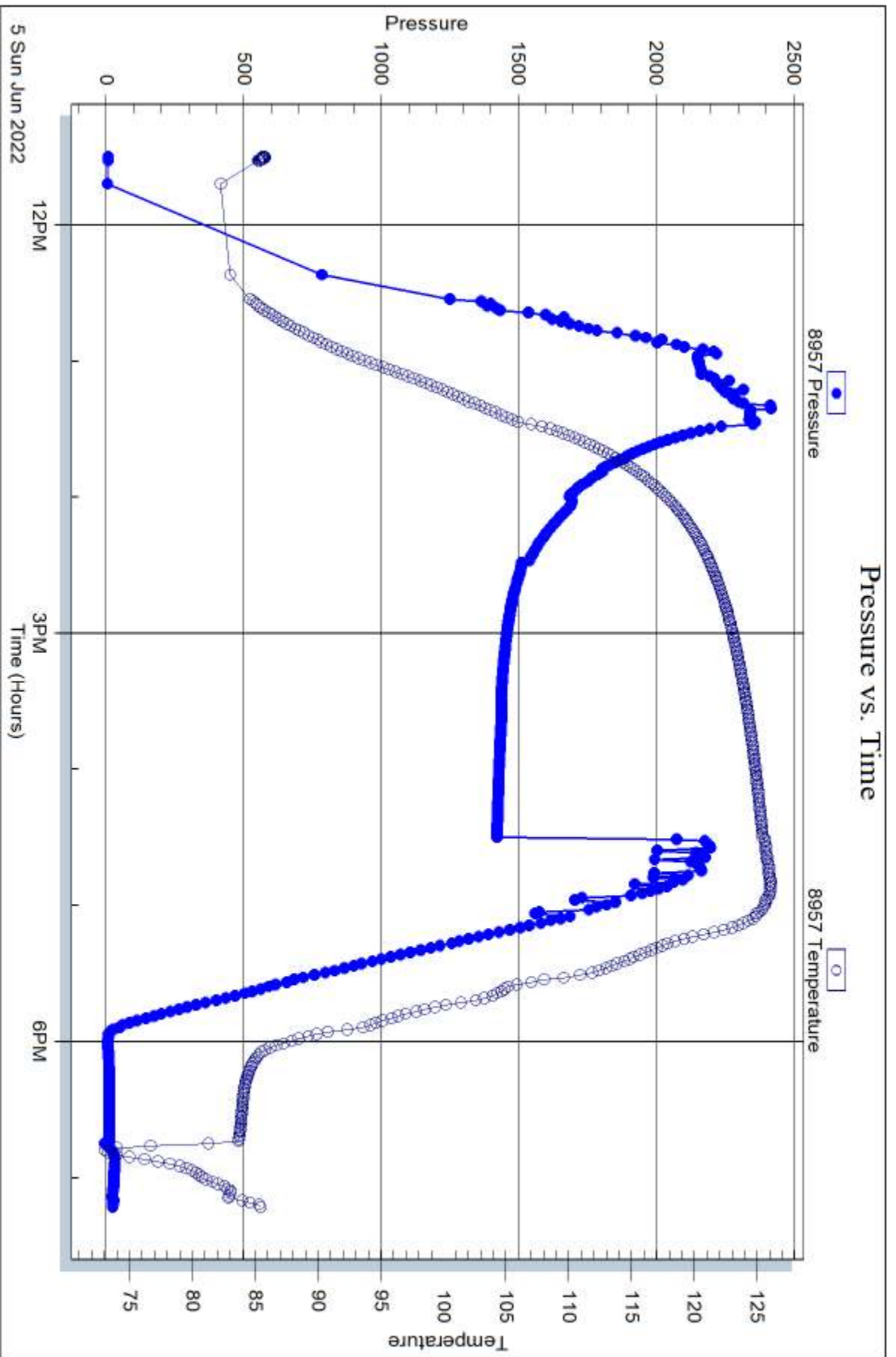


Serial #: 8957

Palomino Petroleum

Gimme Shelter #1

DST Test Number: 1





## DRILL STEM TEST REPORT

Prepared For: **Palomino Petroleum**

4924 SE 84th St  
Newton KS 67114-8827

ATTN: Nick Gerstner

### **Gimme Shelter #1**

#### **25-15-25w Trego,KS**

Start Date: 2022.06.05 @ 20:20:00

End Date: 2022.06.06 @ 05:36:00

Job Ticket #: 59503                      DST #: 2

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

Printed: 2022.06.13 @ 16:10:14



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

Palomino Petroleum  
4924 SE 84th St  
New ton KS 67114-8827  
ATTN: Nick Gerstner

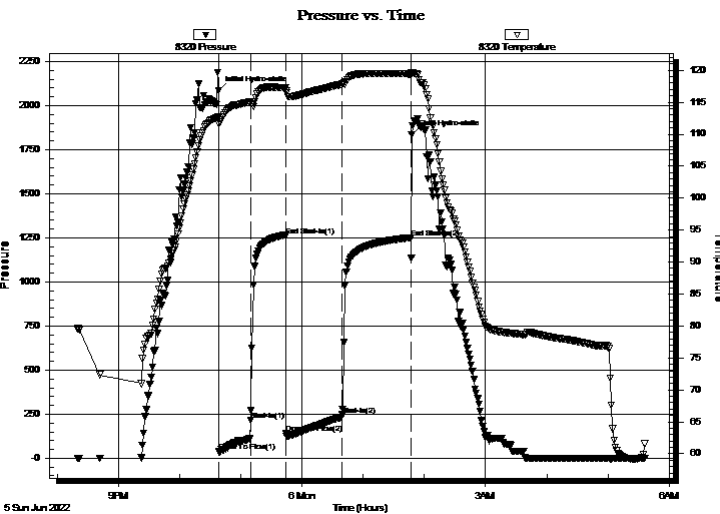
**25-15-25w Trego,KS**  
**Gimme Shelter #1**  
Job Ticket: 59503 **DST#: 2**  
Test Start: 2022.06.05 @ 20:20:00

## GENERAL INFORMATION:

Formation: **L/KC I-J**  
Deviated: No Whipstock: ft (KB) Test Type: Conventional Straddle (Reset)  
Time Tool Opened: 22:38:30 Tester: Terry  
Time Test Ended: 05:36:00 Unit No: 75  
**Interval: 4004.00 ft (KB) To 4114.00 ft (KB) (TVD)** Reference Elevations: 2505.00 ft (KB)  
Total Depth: 4620.00 ft (KB) (TVD) 2497.00 ft (CF)  
Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 8.00 ft

**Serial #: 8320 Outside**  
Press@RunDepth: 246.83 psig @ 4007.00 ft (KB) Capacity: 8000.00 psig  
Start Date: 2022.06.05 End Date: 2022.06.06 Last Calib.: 1899.12.30  
Start Time: 20:20:05 End Time: 05:36:00 Time On Btm: 2022.06.05 @ 22:38:15  
Time Off Btm: 2022.06.06 @ 01:47:30

TEST COMMENT: IF-30-BOB 10 Min  
IS-30-Surface blow  
FF-60-BOB 10Min  
FS-60-BOB



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2083.42	112.72	Initial Hydro-static
1	40.76	111.67	Open To Flow (1)
32	214.49	115.09	Shut-In(1)
66	1263.78	117.27	End Shut-In(1)
67	139.24	116.78	Open To Flow (2)
122	246.83	117.83	Shut-In(2)
189	1251.31	119.40	End Shut-In(2)
190	1836.04	119.66	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
0.00	1200' GIP	0.00
540.00	100% oil	7.86

\* 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 67114-8827  
ATTN: Nick Gerstner

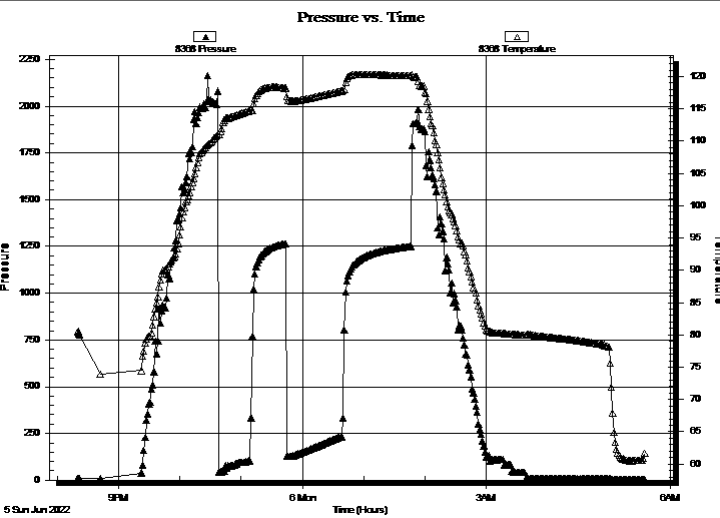
**25-15-25w Trego,KS**  
**Gimme Shelter #1**  
Job Ticket: 59503      **DST#: 2**  
Test Start: 2022.06.05 @ 20:20:00

## GENERAL INFORMATION:

Formation: <b>L/KC I-J</b>			
Deviated: No Whipstock:	ft (KB)	Test Type: Conventional Straddle (Reset)	
Time Tool Opened: 22:38:30		Tester: Terry	
Time Test Ended: 05:36:00		Unit No: 75	
<b>Interval: 4004.00 ft (KB) To 4114.00 ft (KB) (TVD)</b>		Reference Elevations: 2505.00 ft (KB)	
Total Depth: 4620.00 ft (KB) (TVD)		2497.00 ft (CF)	
Hole Diameter: 7.88 inches	Hole Condition: Fair	KB to GR/CF: 8.00 ft	

<b>Serial #: 8368</b>	<b>Inside</b>				
Press@RunDepth:                  psig @	4007.00 ft (KB)	Capacity:	8000.00 psig		
Start Date:                          2022.06.05	End Date:                          2022.06.06	Last Calib.:	1899.12.30		
Start Time:                          20:20:05	End Time:                          05:35:00	Time On Btm:			
		Time Off Btm:			

TEST COMMENT: IF-30-BOB 10 Min  
IS-30-Surface blow  
FF-60-BOB 10Min  
FS-60-BOB



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

Recovery		
Length (ft)	Description	Volume (bbl)
0.00	1200' GIP	0.00
540.00	100% oil	7.86

\* 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 67114-8827  
  
ATTN: Nick Gerstner

**25-15-25w Trego,KS**  
**Gimme Shelter #1**  
Job Ticket: 59503      **DST#: 2**  
Test Start: 2022.06.05 @ 20:20:00

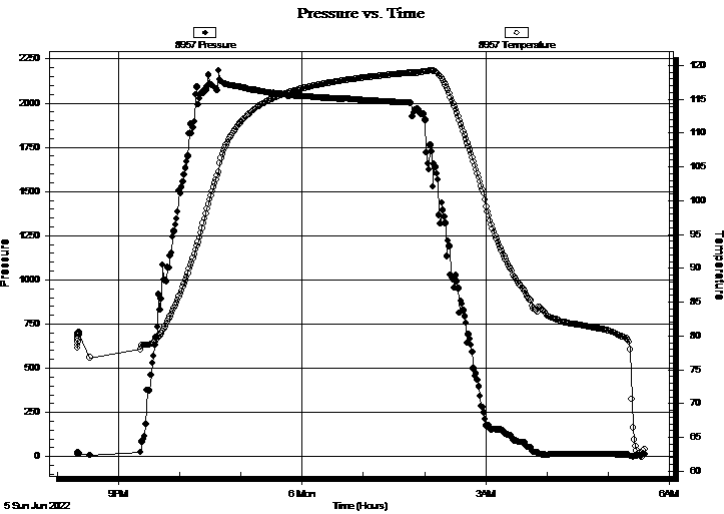
**GENERAL INFORMATION:**

Formation: **L/KC I-J**  
Deviated: No Whipstock:                    ft (KB)      Test Type: Conventional Straddle (Reset)  
Time Tool Opened: 22:38:30      Tester: Terry  
Time Test Ended: 05:36:00      Unit No: 75  
  
Interval: **4004.00 ft (KB) To 4114.00 ft (KB) (TVD)**      Reference Elevations: 2505.00 ft (KB)  
Total Depth: 4620.00 ft (KB) (TVD)      2497.00 ft (CF)  
Hole Diameter: 7.88 inches      Hole Condition: Fair      KB to GR/CF: 8.00 ft

**Serial #: 8957**

Press@RunDepth:                    psig @                    ft (KB)      Capacity: 8000.00 psig  
Start Date: 2022.06.05      End Date: 2022.06.06      Last Calib.: 1899.12.30  
Start Time: 20:20:01      End Time: 05:36:45      Time On Btm:  
Time Off Btm:

TEST COMMENT: IF-30-BOB 10 Min  
IS-30-Surface blow  
FF-60-BOB 10Min  
FS-60-BOB



**PRESSURE SUMMARY**

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

**Recovery**

Length (ft)	Description	Volume (bbl)
0.00	1200' GIP	0.00
540.00	100% oil	7.86

**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  
4924 SE 84th St  
New ton KS 67114-8827  
ATTN: Nick Gerstner

**25-15-25w Trego,KS**  
**Gimme Shelter #1**  
Job Ticket: 59503      **DST#: 2**  
Test Start: 2022.06.05 @ 20:20:00

**Tool Information**

Drill Pipe:	Length: 3985.00 ft	Diameter: 3.87 inches	Volume: 57.98 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: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 68000.00 lb
			<u>Total Volume: 57.98 bbl</u>	Tool Chased ft
Drill Pipe Above KB:	12.00 ft			String Weight: Initial 60000.00 lb
Depth to Top Packer:	4004.00 ft			Final 68000.00 lb
Depth to Bottom Packer:	4110.00 ft			
Interval between Packers:	106.00 ft			
Tool Length:	647.00 ft			
Number of Packers:	3	Diameter: 6.88 inches		

Tool Comments:

<b>Tool Description</b>	<b>Length (ft)</b>	<b>Serial No.</b>	<b>Position</b>	<b>Depth (ft)</b>	<b>Accum. Lengths</b>
-------------------------	--------------------	-------------------	-----------------	-------------------	-----------------------

Change Over Sub	1.00			3974.00	
Shut In Tool	5.00			3979.00	
Hydraulic tool	5.00			3984.00	
Jars	5.00			3989.00	
EM Tool	3.00			3992.00	
Safety Joint	3.00			3995.00	
Packer	5.00			4000.00	31.00 Bottom Of Top Packer
Packer	4.00			4004.00	
Stubb	1.00			4005.00	
Perforations	1.00			4006.00	
Change Over Sub	1.00			4007.00	
Recorder	0.00	8368	Inside	4007.00	
Recorder	0.00	8320	Outside	4007.00	
Drill Pipe	96.00			4103.00	
Change Over Sub	1.00			4104.00	
Perforations	5.00			4109.00	
Blank Off Sub	1.00			4110.00	106.00 Tool Interval
Packer	4.00			4114.00	
Stubb	1.00			4115.00	
Change Over Sub	1.00			4116.00	
Recorder	0.00	957		4116.00	
Recorder	504.00			4620.00	510.00 Bottom Packers & Anchor

**Total Tool Length: 647.00**





**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Palomino Petroleum  
4924 SE 84th St  
New ton KS 67114-8827  
ATTN: Nick Gerstner

**25-15-25w Trego,KS**  
**Gimme Shelter #1**  
Job Ticket: 59503      **DST#: 2**  
Test Start: 2022.06.05 @ 20:20:00

## Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API: 29 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity: ppm
Viscosity: 60.00 sec/qt	Cushion Volume: bbl	
Water Loss: 5.79 in <sup>3</sup>	Gas Cushion Type:	
Resistivity: ohm.m	Gas Cushion Pressure: psig	
Salinity: 1800.00 ppm		
Filter Cake: 1.00 inches		

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	1200' GIP	0.000
540.00	100% oil	7.856

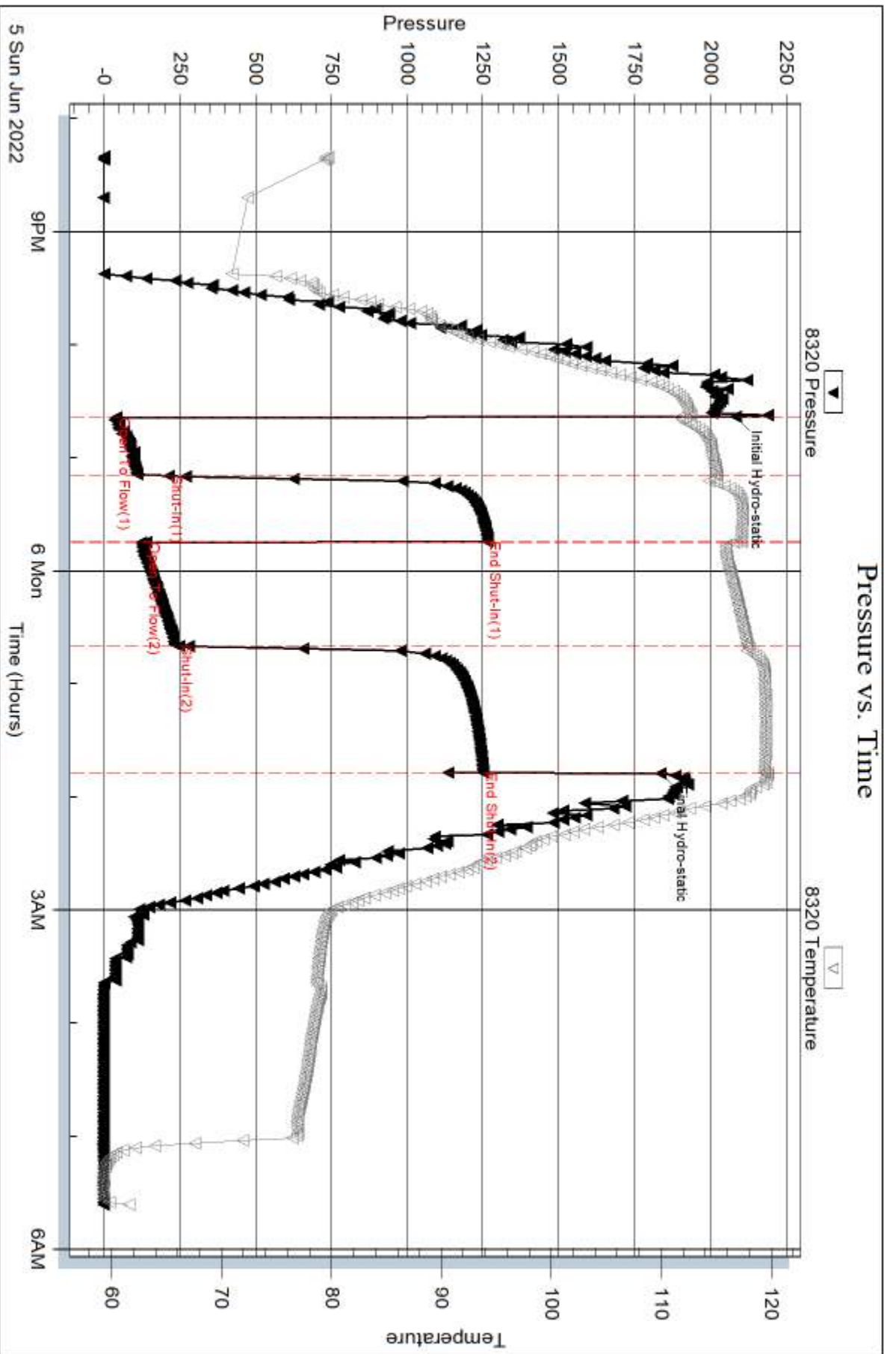
Total Length: 540.00 ft      Total Volume: 7.856 bbl  
 Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:  
 Laboratory Name:      Laboratory Location:  
 Recovery Comments:

Serial #: 8320

Outside Palomino Petroleum

Gimre Shelter #1

DST Test Number: 2



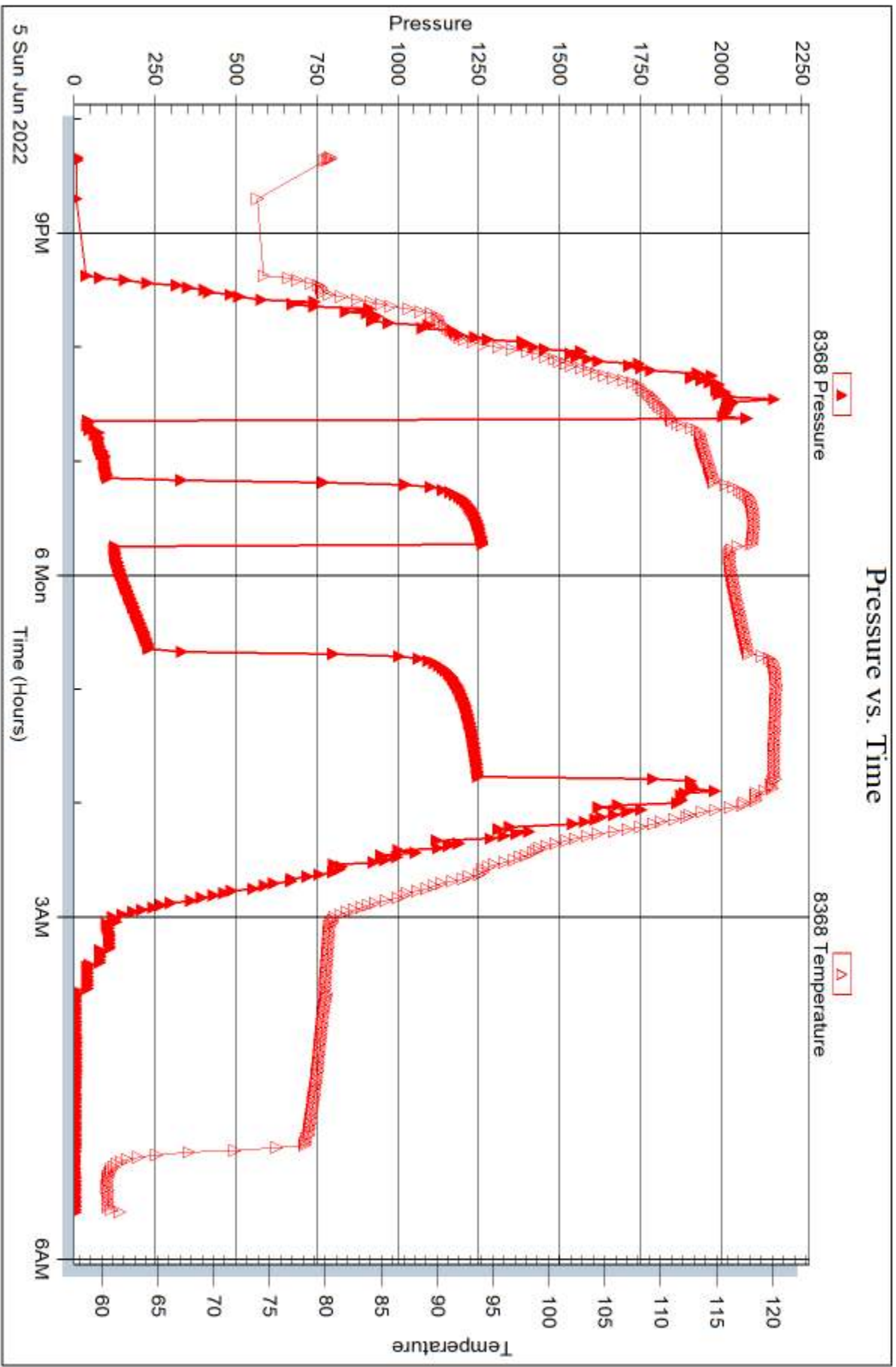
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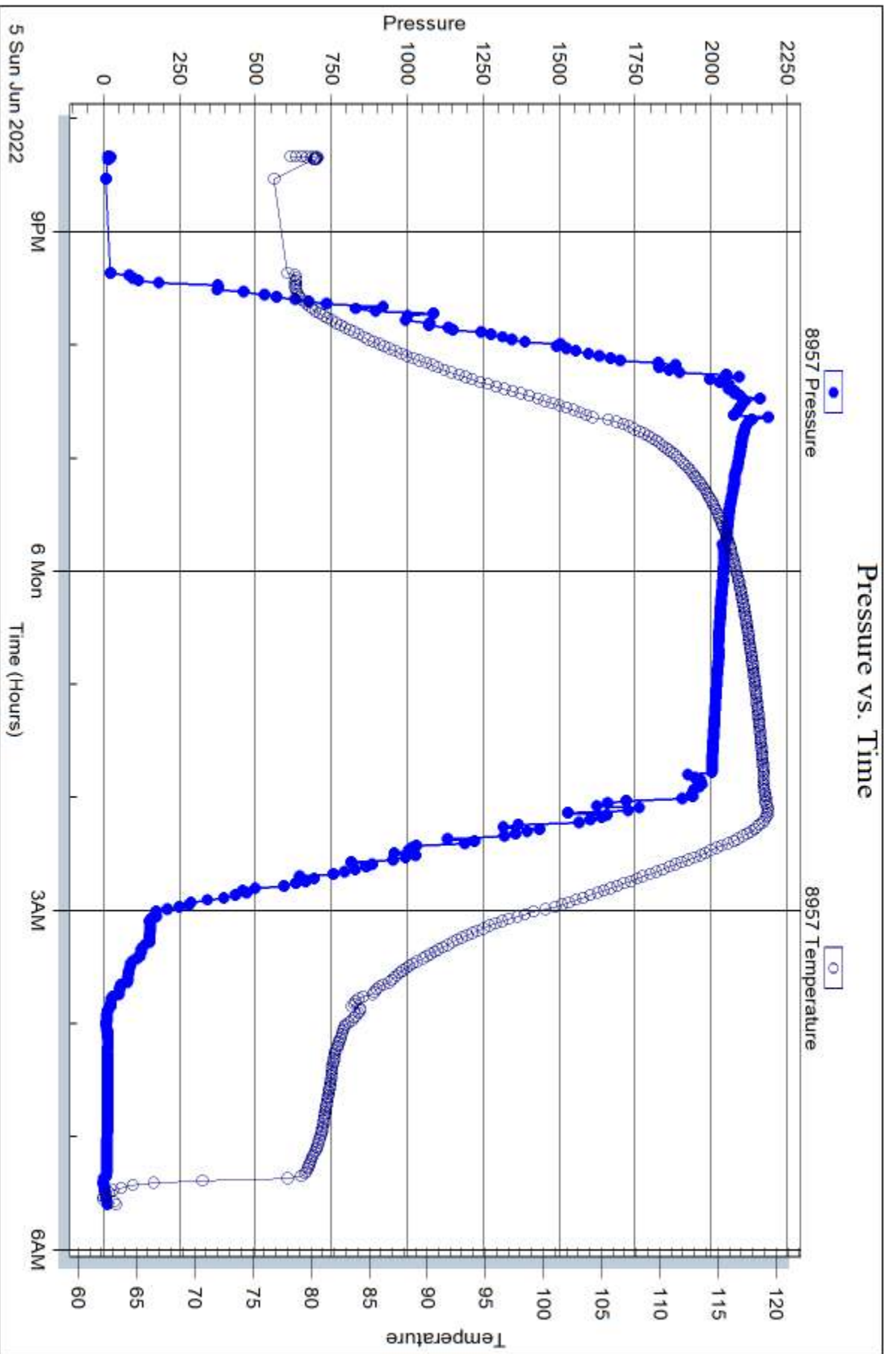
Inside

Palomino Petroleum

Gimme Shelter #1

DST Test Number: 2







# TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

## Test Ticket

NO. **59502**

4/10

Well Name & No. Gimme Shelter 1 Test No. 1 Date 6-5-22  
 Company Palomino Petroleum LLC Elevation 2505 KB 2497 GL  
 Address 4924 SE 84th St Newton KS 67114 + 8827  
 Co. Rep / Geo. Mark D. Jan Seib Rig Duke #2  
 Location: Sec. 25 Twp. 15 Rge. 25 Co. Trego State KS

Interval Tested 4388-4570 Zone Tested Cherokee  
 Anchor Length 182 Drill Pipe Run 4542 Mud Wt. 9.3  
 Top Packer Depth 4383 Drill Collars Run \_\_\_\_\_ Vis 60  
 Bottom Packer Depth 4388 Wt. Pipe Run \_\_\_\_\_ WL 5.0  
 Total Depth 4620 Chlorides 1800 ppm System LCM 54

Blow Description IF - 2 inches  
FSI - No Return  
FF - 2 inches  
FST - No Return

Rec	Feet of	%gas	%oil	%water	%mud
<u>65</u>				<u>100</u>	
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 65 BHT 120 Gravity \_\_\_\_\_ API RW \_\_\_\_\_ @ \_\_\_\_\_ °F Chlorides \_\_\_\_\_ ppm

(A) Initial Hydrostatic 2267  Test 1950 T-On Location 9:30  
 (B) First Initial Flow 35  Jars 300 T-Started 11:30  
 (C) First Final Flow 55  Safety Joint \_\_\_\_\_ T-Open 13:39  
 (D) Initial Shut-In 1007  Circ Sub \_\_\_\_\_ T-Pulled 16:39  
 (E) Second Initial Flow 52  Hourly Standby \_\_\_\_\_ T-Out 17:25  
 (F) Second Final Flow 78  Mileage 124rt 186 Comments \_\_\_\_\_  
 (G) Final Shut-In 962  Sampler \_\_\_\_\_  
 (H) Final Hydrostatic 2074  Straddle 600 EM Tool -350  
 Shale Packer 250  Ruined Shale Packer \_\_\_\_\_  
 Extra Packer \_\_\_\_\_  Ruined Packer \_\_\_\_\_  
 Extra Recorder \_\_\_\_\_ Sub Total -350  
 Day Standby \_\_\_\_\_ Total 2936  
 Accessibility \_\_\_\_\_ MP/DST Disc't \_\_\_\_\_

Initial Open 30  
 Initial Shut-In 30  
 Final Flow 60  
 Final Shut-In 60  
 Sub Total 3286

Approved By \_\_\_\_\_ Our Representative Terrance Wickham

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. 59503

Well Name & No. Palomino Bimbe Shelter Test No. 2 Date 6-5-22  
 Company Palomino Petroleum LLC Elevation 2505 KB 2497 GL  
 Address 4924 SE 84th St Newton, KS 67114-8827  
 Co. Rep / Geo. Ryan Seib Rig Duke 2  
 Location: Sec. 25 Twp. 15 Rge. 25 Co. Trego State KS

Interval Tested 4004-4114 Zone Tested L/KC I-S  
 Anchor Length 110 Drill Pipe Run 3985 Mud Wt. 9.3  
 Top Packer Depth 3999 Drill Collars Run \_\_\_\_\_ Vis 60  
 Bottom Packer Depth 4004 Wt. Pipe Run \_\_\_\_\_ WL 5.0  
 Total Depth 4120 Chlorides 1600 ppm System LCM 5#

Blow Description IK30 - Bob in 5 min  
IS30 - Surface Blow - Died in 20 min  
FK60 - Bob in 5 min  
FS60 - Bob 10 min

Rec	Feet of	%gas	%oil	%water	%mud
<u>540</u>		<u>100</u>			
<u>1200</u>		<u>100</u>			

Rec Total 1640 BHT 119 Gravity 29 API RW \_\_\_\_\_ @ \_\_\_\_\_ °F Chlorides \_\_\_\_\_ ppm

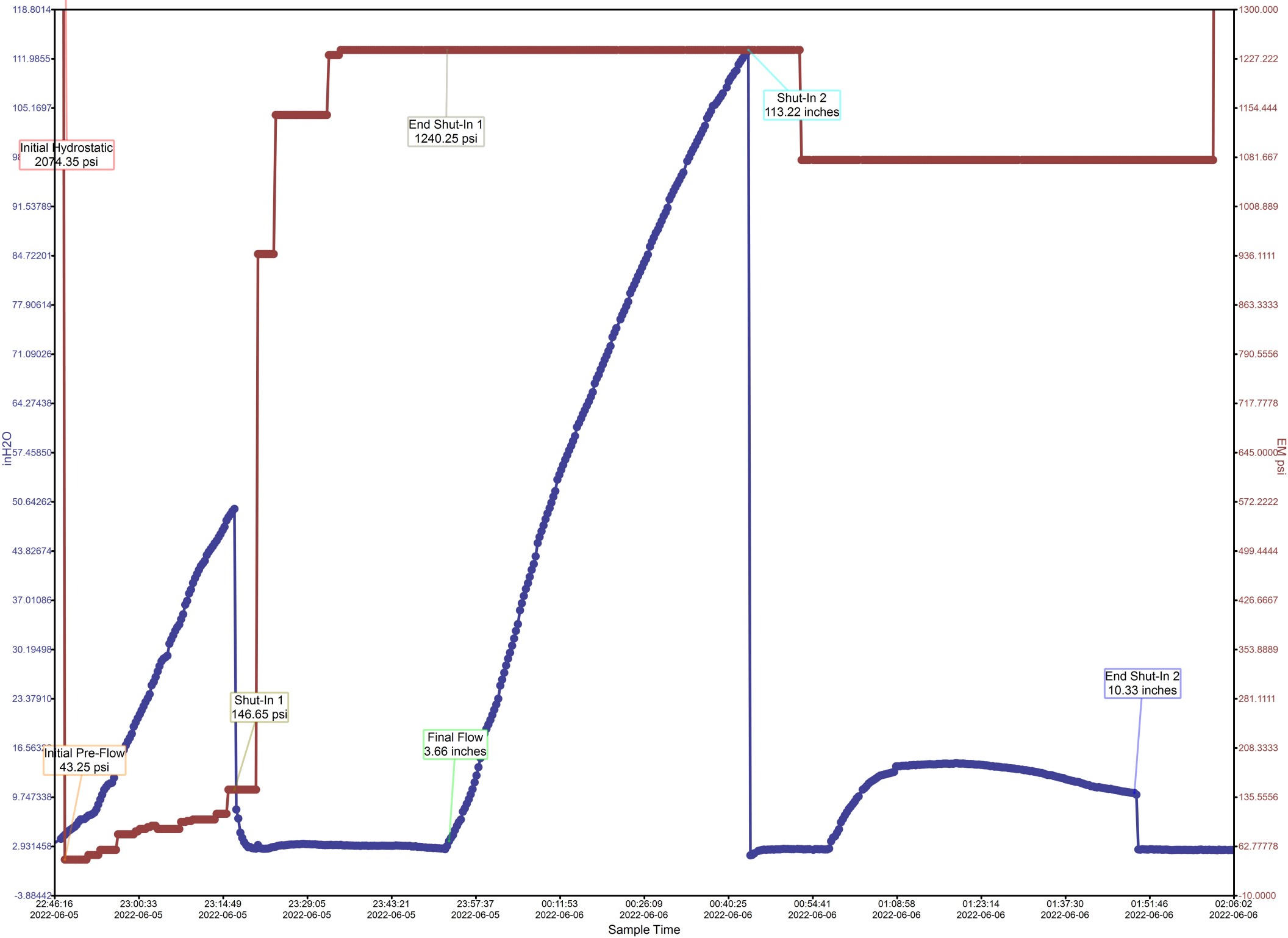
(A) Initial Hydrostatic 2083  Test \_\_\_\_\_ T-On Location \_\_\_\_\_  
 (B) First Initial Flow 41  Jars 300 T-Started 20:25  
 (C) First Final Flow 214  Safety Joint \_\_\_\_\_ T-Open 22:45  
 (D) Initial Shut-In 1264  Circ Sub \_\_\_\_\_ T-Pulled 1:45 A  
 (E) Second Initial Flow 139  Hourly Standby \_\_\_\_\_ T-Out 5:45  
 (F) Second Final Flow 247  Mileage \_\_\_\_\_ Comments \_\_\_\_\_  
 (G) Final Shut-In 1237  Sampler \_\_\_\_\_  
 (H) Final Hydrostatic 1636  Straddle 600  Ruined Shale Packer \_\_\_\_\_

Shale Packer 250  Ruined Packer \_\_\_\_\_  
 Extra Packer \_\_\_\_\_  Extra Copies \_\_\_\_\_  
 Extra Recorder \_\_\_\_\_ Sub Total -350  
 Day Standby \_\_\_\_\_ Total 2750  
 Accessibility \_\_\_\_\_ MP/DST Disc't \_\_\_\_\_  
 Sub Total 3100

Approved By \_\_\_\_\_ Our Representative Terrance Wickham

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

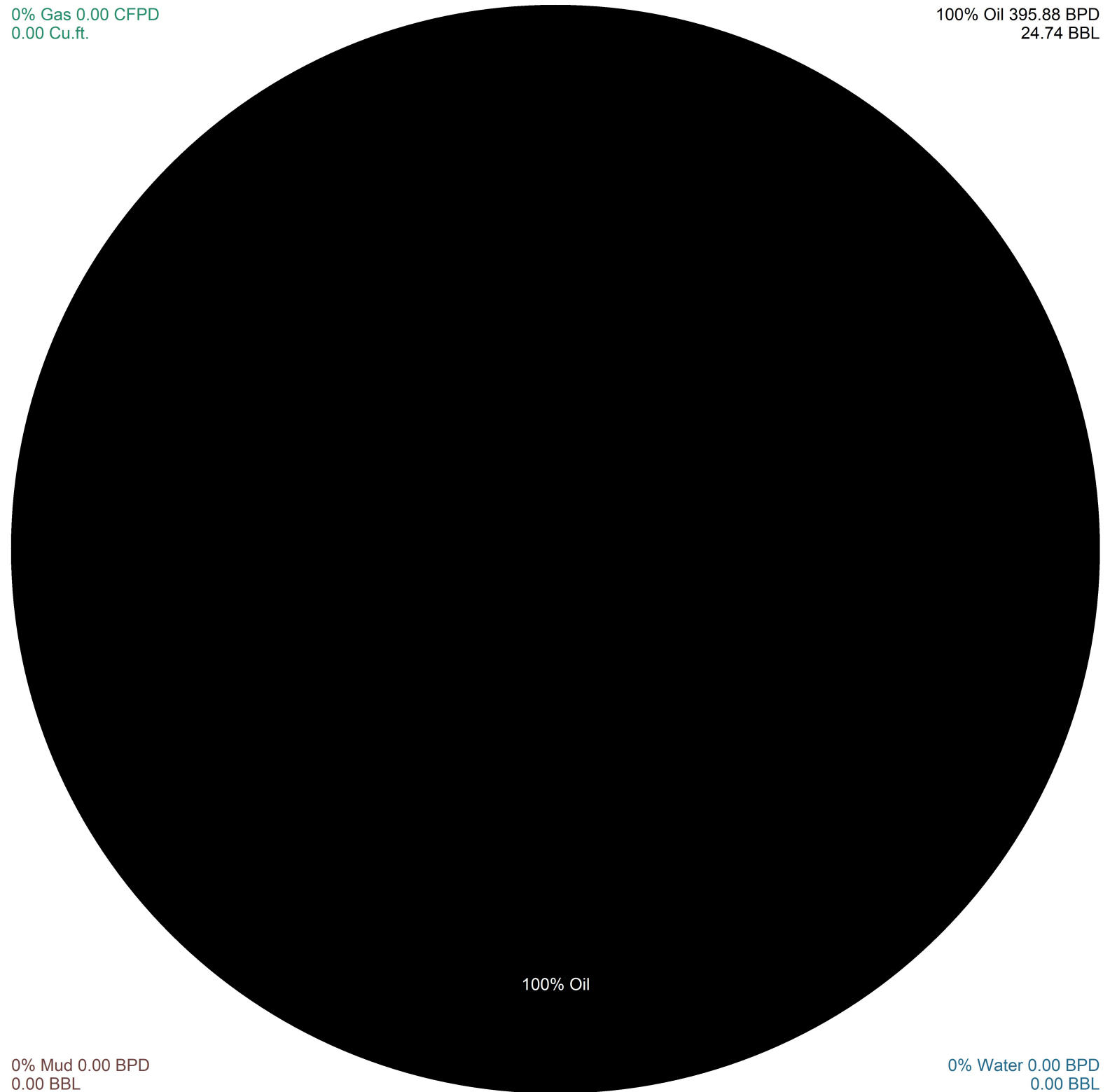
# Palomino Petroleum - Gimme Shelter 1 - DST 2A



Calculated Recovery Analysis - Palomino Petroleum - Gimme Shelter 1 - DST 2A

0% Gas 0.00 CFPD  
0.00 Cu.ft.

100% Oil 395.88 BPD  
24.74 BBL



100% Oil

0% Mud 0.00 BPD  
0.00 BBL

0% Water 0.00 BPD  
0.00 BBL





# TRILOBITE TESTING, INC

## DRILL STEM TEST REPORT

Palomino Petroleum  
 4924 SE 84TH ST  
 New ton KS 67114-8827  
 ATTN: Nick Gerstner

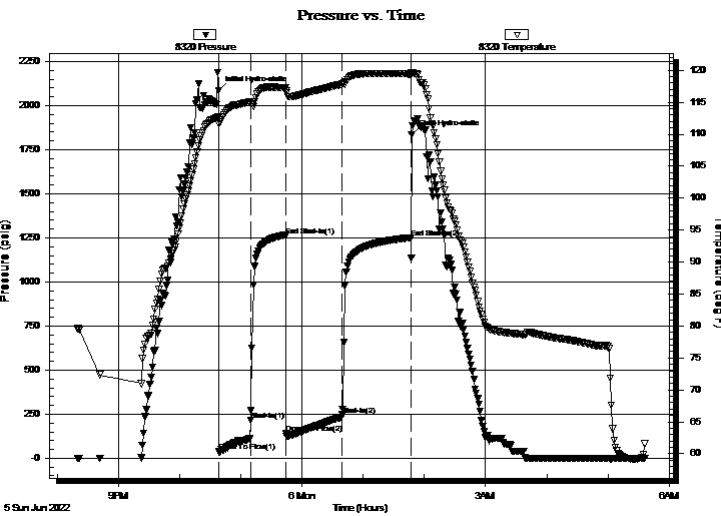
**25-15-25w**  
**Gimme Shelter**  
 Job Ticket: 59503 **DST#: 2**  
 Test Start: 2022.06.05 @ 20:20:00

### GENERAL INFORMATION:

Formation: **L/KC I-J**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 22:38:30  
 Time Test Ended: 05:36:00  
 Interval: **4004.00 ft (KB) To 4114.00 ft (KB) (TVD)**  
 Total Depth: 4620.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Fair  
 Test Type: Conventional Straddle (Reset)  
 Tester: Terry  
 Unit No: 75  
 Reference Elevations: 2505.00 ft (KB)  
 2497.00 ft (CF)  
 KB to GR/CF: 8.00 ft

**Serial #: 8320 Outside**  
 Press@RunDepth: 246.83 psig @ 4007.00 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2022.06.05 End Date: 2022.06.06 Last Calib.: 1899.12.30  
 Start Time: 20:20:05 End Time: 05:36:00 Time On Btm: 2022.06.05 @ 22:38:15  
 Time Off Btm: 2022.06.06 @ 01:47:30

**TEST COMMENT:** IF-30-BOB 10 Min  
 IS-30-Surface blow  
 FF-60-BOB 10Min  
 FS-60-BOB



### PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2083.42	112.72	Initial Hydro-static
1	40.76	111.67	Open To Flow (1)
32	214.49	115.09	Shut-In(1)
66	1263.78	117.27	End Shut-In(1)
67	139.24	116.78	Open To Flow (2)
122	246.83	117.83	Shut-In(2)
189	1251.31	119.40	End Shut-In(2)
190	1836.04	119.66	Final Hydro-static

### Recovery

Length (ft)	Description	Volume (bbl)
0.00	1200' GIP	0.00
540.00	100% oil	7.86

\* 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 67114-8827  
ATTN: Nick Gerstner

**25-15-25w**  
**Gimme Shelter**  
Job Ticket: 59503      **DST#: 2**  
Test Start: 2022.06.05 @ 20:20:00

## GENERAL INFORMATION:

Formation: **L/KC I-J**  
Deviated: No Whipstock:                      ft (KB)  
Time Tool Opened: 22:38:30  
Time Test Ended: 05:36:00

Test Type: Conventional Straddle (Reset)  
Tester: Terry  
Unit No: 75

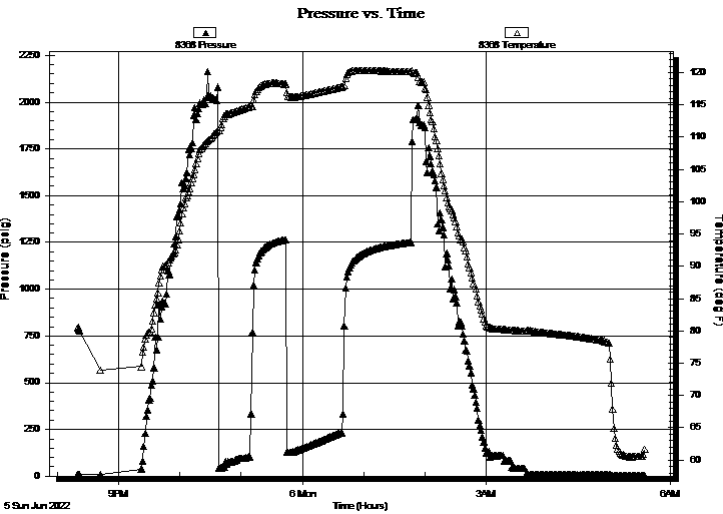
Interval: **4004.00 ft (KB) To 4114.00 ft (KB) (TVD)**  
Total Depth: 4620.00 ft (KB) (TVD)  
Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2505.00 ft (KB)  
2497.00 ft (CF)  
KB to GR/CF: 8.00 ft

## Serial #: 8368      Inside

Press@RunDepth:                      psig @      4007.00 ft (KB)      Capacity:                      8000.00 psig  
Start Date:                      2022.06.05      End Date:                      2022.06.06      Last Calib.:                      1899.12.30  
Start Time:                      20:20:05      End Time:                      05:35:00      Time On Btm:                           Time Off Btm:                          

TEST COMMENT: IF-30-BOB 10 Min  
ISI-30-Surface blow  
FF-60-BOB 10Min  
FSI-60-BOB



## PRESSURE SUMMARY

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

## Recovery

Length (ft)	Description	Volume (bbl)
0.00	1200' GIP	0.00
540.00	100% oil	7.86

\* 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 67114-8827  
ATTN: Nick Gerstner

**25-15-25w**  
**Gimme Shelter**  
Job Ticket: 59503 **DST#: 2**  
Test Start: 2022.06.05 @ 20:20:00

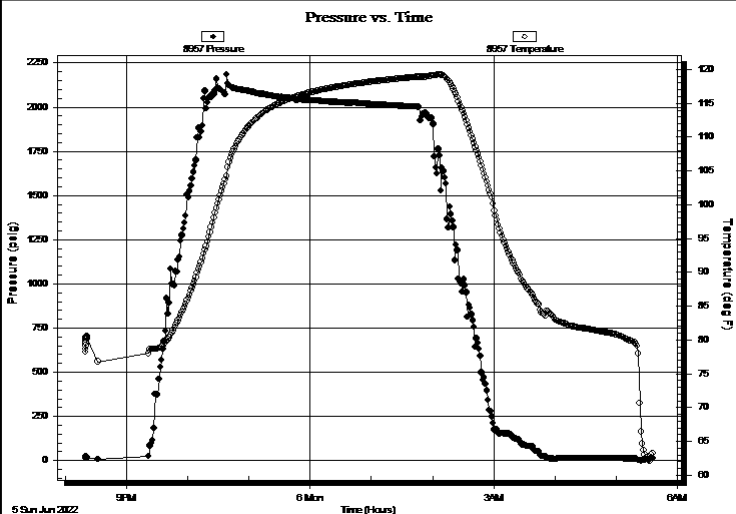
### GENERAL INFORMATION:

Formation: **L/KC I-J**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 22:38:30  
 Time Test Ended: 05:36:00  
 Interval: **4004.00 ft (KB) To 4114.00 ft (KB) (TVD)**  
 Total Depth: 4620.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Fair  
 Test Type: Conventional Straddle (Reset)  
 Tester: Terry  
 Unit No: 75  
 Reference Elevations: 2505.00 ft (KB)  
 2497.00 ft (CF)  
 KB to GR/CF: 8.00 ft

### Serial #: 8957

Press@RunDepth: psig @ ft (KB)  
 Capacity: 8000.00 psig  
 Start Date: 2022.06.05 End Date: 2022.06.06 Last Calib.: 1899.12.30  
 Start Time: 20:20:01 End Time: 05:36:45 Time On Btm:  
 Time Off Btm:

TEST COMMENT: IF-30-BOB 10 Min  
 IS-30-Surface blow  
 FF-60-BOB 10Min  
 FS-60-BOB



### PRESSURE SUMMARY

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

### Recovery

Length (ft)	Description	Volume (bbl)
0.00	1200' GIP	0.00
540.00	100% oil	7.86

### 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

**25-15-25w**

4924 SE 84TH ST  
New ton KS 67114-8827

**Gimme Shelter**

Job Ticket: 59503

**DST#: 2**

ATTN: Nick Gerstner

Test Start: 2022.06.05 @ 20:20:00

### Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

29 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 60.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 5.80 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1800.00 ppm

Filter Cake: 1.00 inches

### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	1200' GIP	0.000
540.00	100% oil	7.856

Total Length: 540.00 ft      Total Volume: 7.856 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

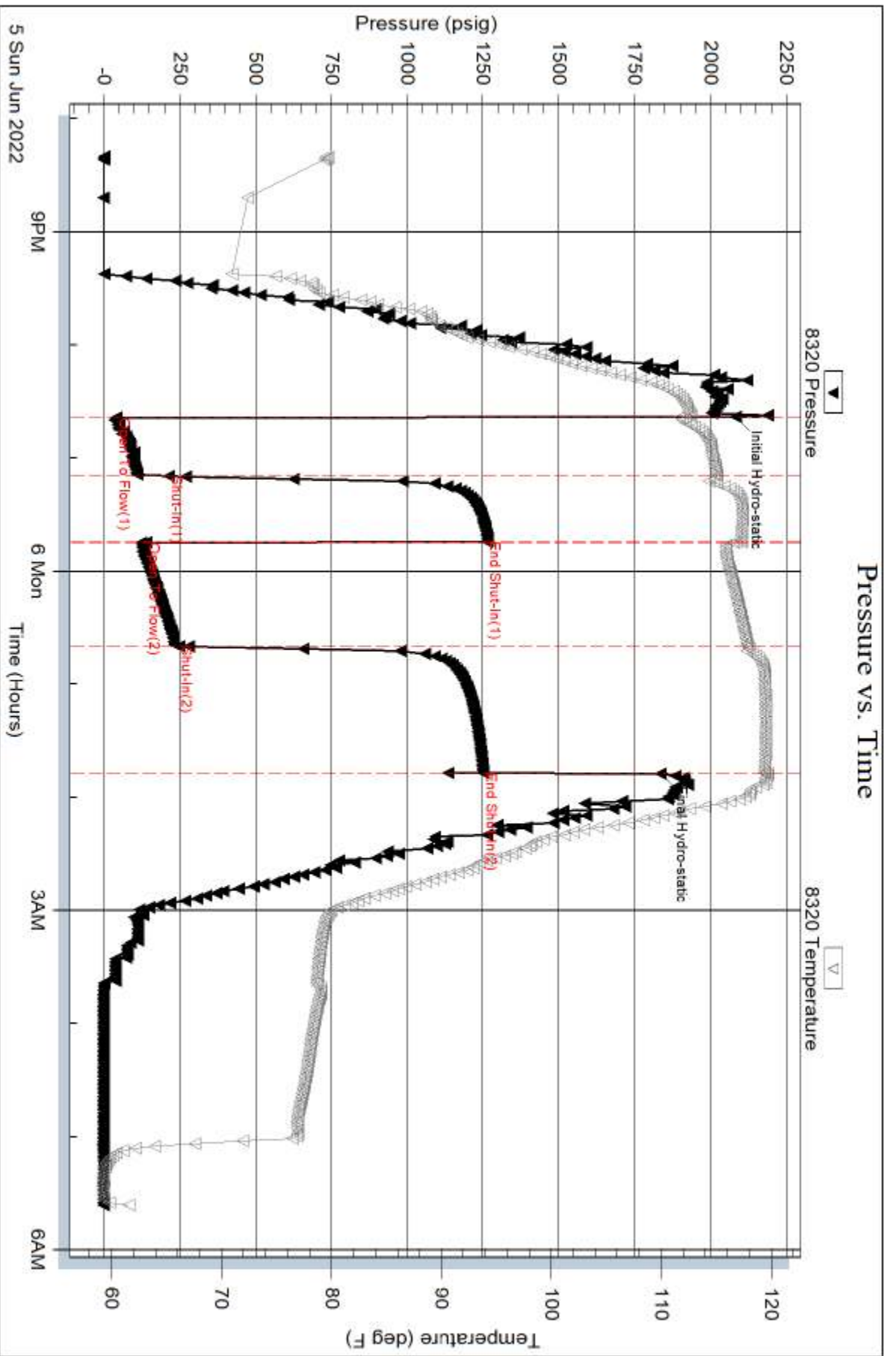
Recovery Comments:

Serial #: 8320

Outside Palomino Petroleum

Gimre Shelter

DST Test Number: 2



Trilobite Testing, Inc

Ref. No: 59503

Printed: 2022.06.06 @ 08:14:22

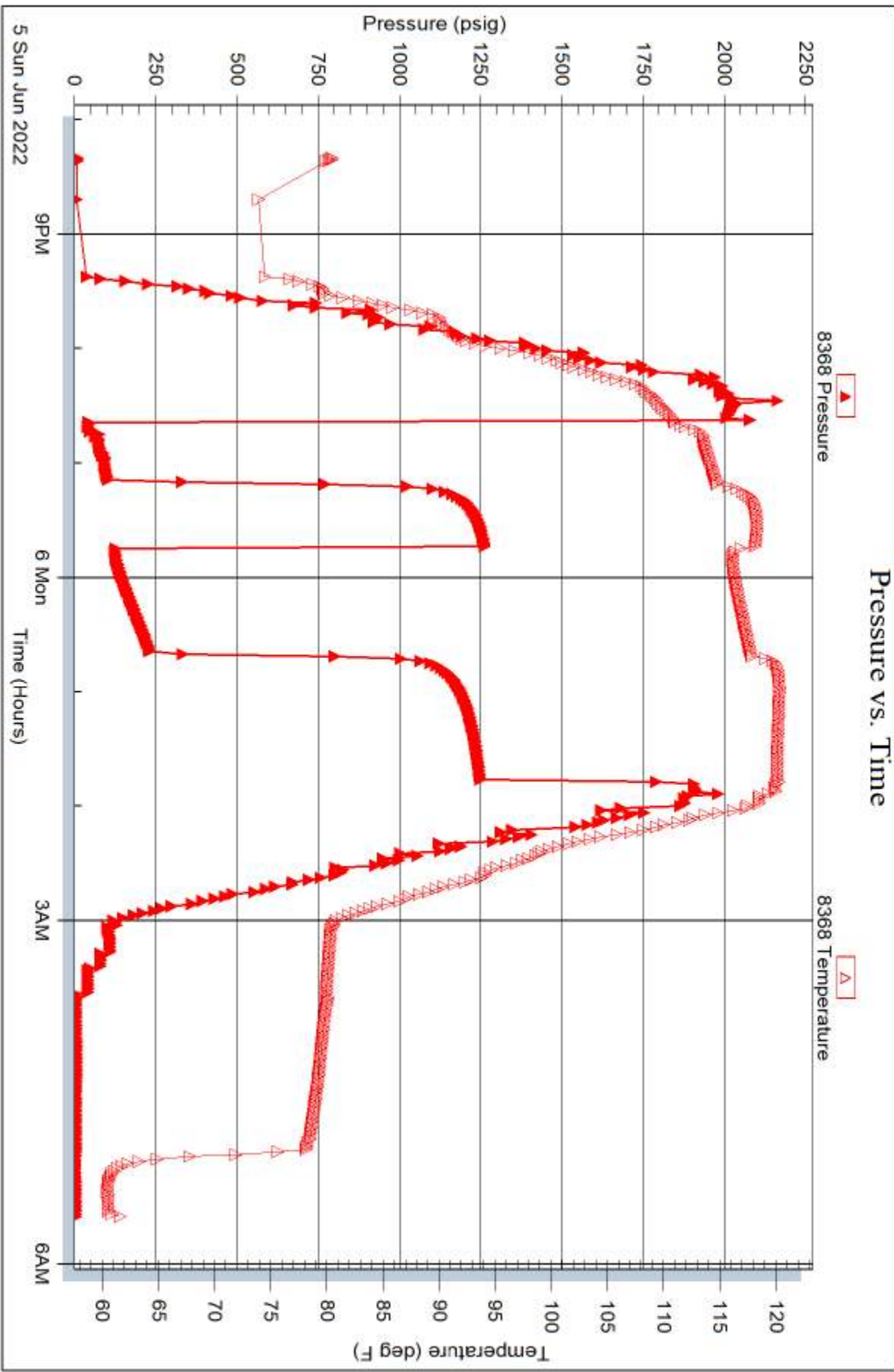
Serial #: 8368

Inside

Palomino Petroleum

Gimre Shelter

DST Test Number: 2



Trilobite Testing, Inc

Ref. No: 59503

Printed: 2022.06.06 @ 08:14:22

