

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](mailto:kcc-well-logs@kcc.ks.gov). Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No  Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No Geologist Report / Mud Logs <input type="checkbox"/> Yes <input type="checkbox"/> No  List All E. Logs Run:	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  Name Top Datum
--	---

CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

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

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

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

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i>	PRODUCTION INTERVAL: Top Bottom
---	---	------------------------------------

Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At	Acid, Fracture, Shot, Cementing Squeeze Record <i>(Amount and Kind of Material Used)</i>

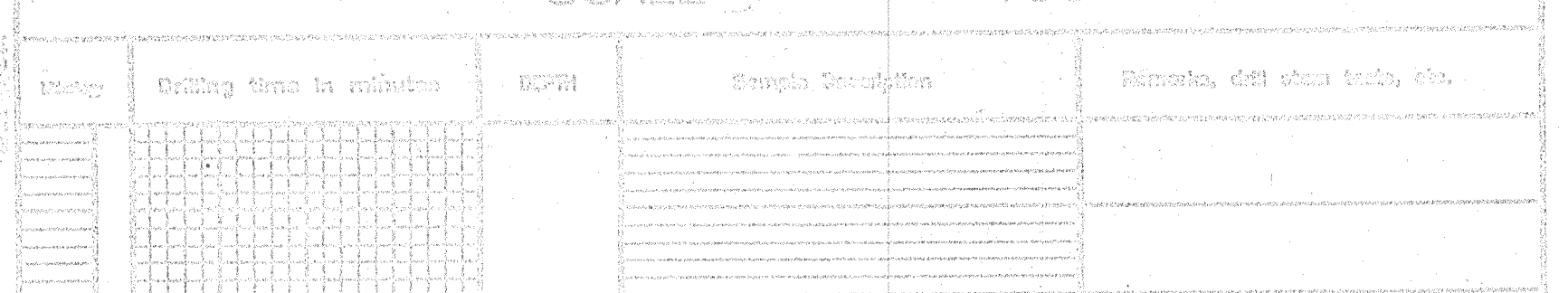
TUBING RECORD:	Size:	Set At:	Packer At:	
----------------	-------	---------	------------	--



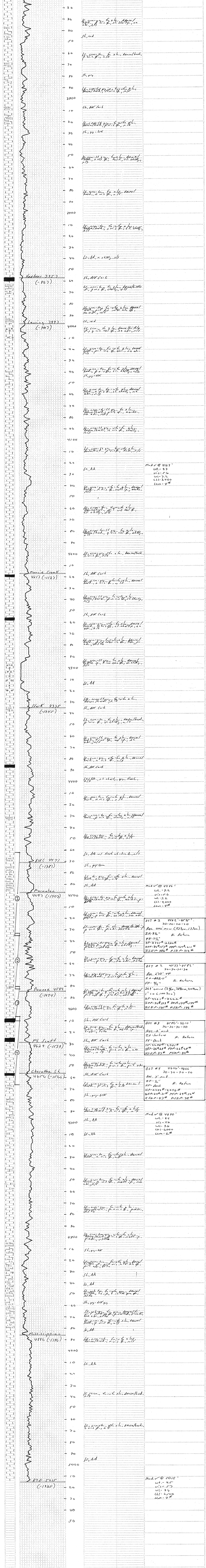
**Geological Region**  
 DALLAS, MISSOURI AND SURROUNDING AREAS  
 Oklahoma, Oklahoma, etc.  
 Well: Killy, G-1 #3  
 Location: 151 FOL & 2711, ECL  
 SEC. 28 T10P. 201 R02 E34  
 COUNTY: LeFlore STATE: KS  
 GEN. COORDINATES: N. 11° 13' 30" E, 31.1 mi. S. 21.1 mi. W. of Sec. 36  
 UTM: 18QUC 690000 3700000  
 DATE: 12/20/01  
 DRAWN BY: [blank]

Form	Field	Core	Notes
3001	3001	3001	
3002	3002	3002	
3003	3003	3003	
3004	3004	3004	
3005	3005	3005	
3006	3006	3006	
3007	3007	3007	
3008	3008	3008	
3009	3009	3009	
3010	3010	3010	
3011	3011	3011	
3012	3012	3012	
3013	3013	3013	
3014	3014	3014	
3015	3015	3015	
3016	3016	3016	
3017	3017	3017	
3018	3018	3018	
3019	3019	3019	
3020	3020	3020	
3021	3021	3021	
3022	3022	3022	
3023	3023	3023	
3024	3024	3024	
3025	3025	3025	
3026	3026	3026	
3027	3027	3027	
3028	3028	3028	
3029	3029	3029	
3030	3030	3030	
3031	3031	3031	
3032	3032	3032	
3033	3033	3033	
3034	3034	3034	
3035	3035	3035	
3036	3036	3036	
3037	3037	3037	
3038	3038	3038	
3039	3039	3039	
3040	3040	3040	
3041	3041	3041	
3042	3042	3042	
3043	3043	3043	
3044	3044	3044	
3045	3045	3045	
3046	3046	3046	
3047	3047	3047	
3048	3048	3048	
3049	3049	3049	
3050	3050	3050	
3051	3051	3051	
3052	3052	3052	
3053	3053	3053	
3054	3054	3054	
3055	3055	3055	
3056	3056	3056	
3057	3057	3057	
3058	3058	3058	
3059	3059	3059	
3060	3060	3060	
3061	3061	3061	
3062	3062	3062	
3063	3063	3063	
3064	3064	3064	
3065	3065	3065	
3066	3066	3066	
3067	3067	3067	
3068	3068	3068	
3069	3069	3069	
3070	3070	3070	
3071	3071	3071	
3072	3072	3072	
3073	3073	3073	
3074	3074	3074	
3075	3075	3075	
3076	3076	3076	
3077	3077	3077	
3078	3078	3078	
3079	3079	3079	
3080	3080	3080	
3081	3081	3081	
3082	3082	3082	
3083	3083	3083	
3084	3084	3084	
3085	3085	3085	
3086	3086	3086	
3087	3087	3087	
3088	3088	3088	
3089	3089	3089	
3090	3090	3090	
3091	3091	3091	
3092	3092	3092	
3093	3093	3093	
3094	3094	3094	
3095	3095	3095	
3096	3096	3096	
3097	3097	3097	
3098	3098	3098	
3099	3099	3099	
3100	3100	3100	

**LEGEND**



**SCALE 1" = 100'**



**MOD @ 5015'**  
 wt - 9.5  
 ul - 5.2  
 ul - 8.6  
 cl - 4,000  
 cm - 4"



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: 4/26/2022  
 Invoice #: 0360201  
 Lease Name: Kelly Crist  
 Well #: 3 (New)  
 County: Scott, Ks  
 Job Number: WP2723  
 District: Oakley

Date/Description	HRS/QTY	Rate	Total
Surface	0.000	0.000	0.00
H-325	200.000	20.700	4,140.00
Light Eq Mileage	60.000	2.000	120.00
Heavy Eq Mileage	60.000	4.000	240.00
Ton Mileage	564.000	1.500	846.00
Depth Charge 0'-500'	1.000	920.000	920.00
Cement Blending & Mixing	200.000	1.288	257.60
Service Supervisor	1.000	253.000	253.00

**Total** 6,776.60

**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!**







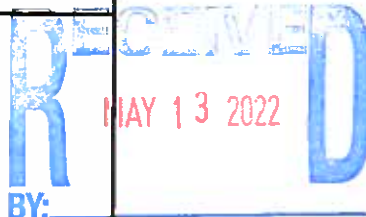
P. O. Box 466  
Ness City, KS 67560  
Off: 785-798-2300



# Invoice

DATE	INVOICE #
5/7/2022	35409

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	Kelly Crist	Scott	Murfin Drlg Rig #...	Oil	Development	2 Stage Longstring	Jonathan
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
290	D-Air				5	Gallon(s)	42.00	210.00T
281	Mud Flush				500	Gallon(s)	2.00	1,000.00T
221	Liquid KCL (Clayfix)				6	Gallon(s)	25.00	150.00T
403-5	5 1/2" Cement Basket				2	Each	300.00	600.00T
407-5	5 1/2" Insert Float Shoe With Auto Fill				1	Each	350.00	350.00T
408-5	5 1/2" D.V. Tool & Plug Set				1	Each	3,375.00	3,375.00T
409-5	5 1/2" Turbolizer				12	Each	100.00	1,200.00T
417-5	5 1/2" D.V. Latch Down Plug & Baffle				1	Each	250.00	250.00T
325	Standard Cement				200	Sacks	15.00	3,000.00T
279	Bentonite Gel				8	Sack(s)	40.00	320.00T
283	Salt				1,100	Lb(s)	0.25	275.00T
285	CFR-1				94	Lb(s)	6.00	564.00T
276	Flocele				150	Lb(s)	3.00	450.00T
329-8	60/40 Pozmix (8% Gel)				450	Sacks	13.00	5,850.00T
581D	Service Charge Cement				650	Sacks	2.00	1,300.00
583D	Drayage				2,384.74	Ton Miles	1.00	2,384.74
	Subtotal							24,038.74
	Sales Tax Scott County						8.50%	1,495.49

**We Appreciate Your Business!** **Total** \$25,534.23





CHARGE TO: *Palomina Petroleum*  
 ADDRESS  
 CITY, STATE, ZIP CODE

TICKET 35409

PAGE 1 OF 2

SERVICE LOCATIONS  
 1. *Hays, KS*  
 2. *Ness City, KS*  
 3.  
 4.

WELL/PROJECT NO. *#3*  
 LEASE *Kelly Crist*  
 COUNTY/PARISH *Scott*  
 STATE *KS*  
 CITY

TICKET TYPE  
 SERVICE  
 SALES

CONTRACTOR *Martin Drilling*  
 RIG NAME/NO. *#21*  
 SHIPPED VIA *CT*  
 DELIVERED TO *Location*  
 DATE *05/07/22*  
 OWNER *Same*  
 ORDER NO.

WELL TYPE *Oil*  
 WELL CATEGORY *Development*  
 JOB PURPOSE *2-stage Long String*  
 WELL PERMIT NO.  
 WELL LOCATION

REFERRAL LOCATION  
 INVOICE INSTRUCTIONS

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
575		1			MILEAGE #113	80	mi			7.00	560.00
579		1			Pump Charge - 2 Stage Long String	1	EA			2200.00	2200.00
290		1			D-Air	5	gal			42.00	210.00
281		1			Mud Flush	500	gal			2.00	1000.00
221		1			Liquid K.Lh	6	gal			25.00	150.00
403		1			Cement Basket 5 1/2"	2	EA			300.00	600.00
407		1			Insert Float Shoe w/ Auto Fill 5 1/2"	1	EA			350.00	350.00
408		1			D.V. Tool + Plug Set 5 1/2"	1	EA			3375.00	3375.00
409		1			Turbalizer 5 1/2"	12	EA			100.00	1200.00
417		1			D.V. Latch Down Plug + Baffle 5 1/2"	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 TIME SIGNED  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?				Page 2 PAGE TOTAL 9895.00
WE UNDERSTOOD AND MET YOUR NEEDS?				174143.74
OUR SERVICE WAS PERFORMED WITHOUT DELAY?				Page 2 125043.74
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?				subtotal 21438.74
ARE YOU SATISFIED WITH OUR SERVICE? <input type="checkbox"/> YES <input type="checkbox"/> NO				TAX SCOTT 24038.74
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND				1495.49
TOTAL				25534.23

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. 35409

CUSTOMER *Alamina Petroleum* WELL *Kelly Crist #3* DATE *05/07/22* PAGE *2* OF *2*

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			TIME	DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT	
		LOC	ACCT	DF			QTY.	U/M	QTY.	U/M			
325		2				Standard Cement	288	SRS			15.00	3000.00	00
279		2				Bentonite Gel	8	SRS			40.00	320.00	00
283		2				Salt	1100	LBS			0.25	275.00	00
285		2				CFR-1	94	LBS			6.00	564.00	00
276		2				Fluocel	150	LBS			3.00	450.00	00
329-8		2				100/40 Poz mix (8% Gel)	450	SRS			13.00	5,850.00	00
581		2				SERVICE CHARGE <i>Cement</i>					2.00	1300.00	00
583		2				MILEAGE CHARGE					1.00	2384.74	74

QUICK-FEET *450 SRS* TON MILES *2384.74*

CONTINUATION TOTAL *12,043.24*  
*14,143.74*

JOB LOG

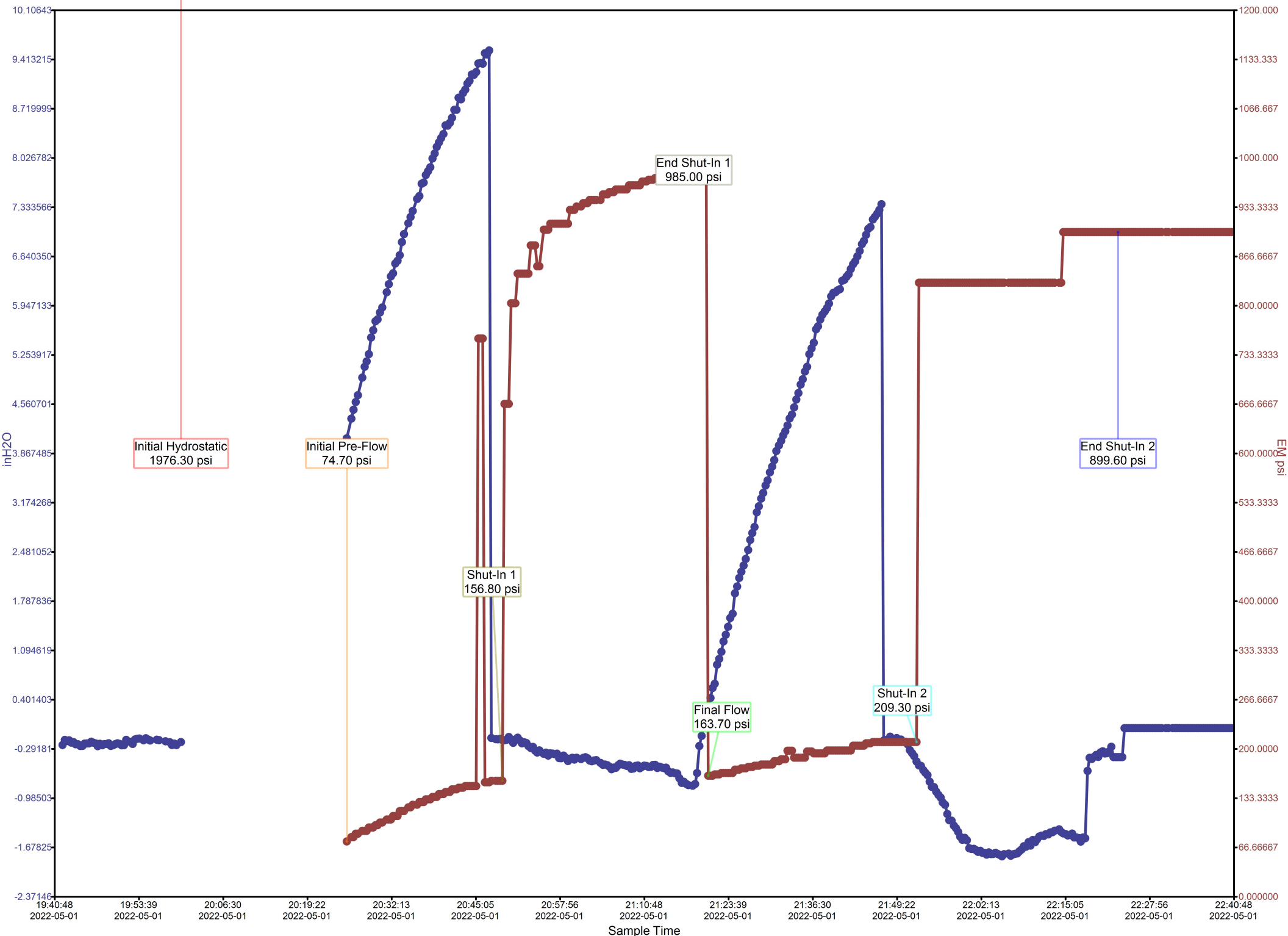
SWIFT Services, Inc.

DATE 05/07/22 PAGE NO. 1  
TICKET NO. 35409

CUSTOMER		WELL NO.		LEASE		JOB TYPE		DESCRIPTION OF OPERATION AND MATERIALS	
Palomina Petroleum		#3		Kelly Christ		2 1/2" Long String			
CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)			
				T	C	TUBING	CASING		
									On location w/ Float Equipment
									RTO - 5015
									Total Pipe - 5010.81
									5 1/2" x 14"
									SS - 42.34'
									Centralizers - 1, 2, 3, 8, 9, 10, 11, 12, 121, 13, 14, 77
									Basket - 67
									D. Part Catcher - Top of #67 @ 2255'
	0530								Start casing w/ FE
	0800								Break Circ on Blm
	0930	5	12				400		Pump Mud Flush
		5	20				400		Pump RCL spacer
		5	60						Pump Cmt - 200 SKS cont @ 14.5 ppm
		8 1/2							Drop Plug Wash out Pump Lines
		7 1/2	70				500		Start Displacement,
		6 1/2	115				900		Catch Cmt
	1025	6	121				1500		Lift
									Land
									Release, Dry
	1030								Drop D.V. Bomb
	1100	2	8						Plug BH w/ 30 SKS
		2	5						Plug MH w/ 15 SKS
		2	3				900		Open D.V. Tool, Opened, Circulating
		6					200		Start Cmt
	1135	6	130				Var		Fin Cmt
		8 1/2							Drop Plug
		7 1/2	26				400		Start Displacement
		6	50				700		Catch Cmt
	1156	6	55				1400		Lift
									Land
									Release, Dry
									Washup & Rackup
	1215								Job Complete
									Thanks
									Jan, Joe, Isaac, Shane, Austin

Cmt Circulated to Surface

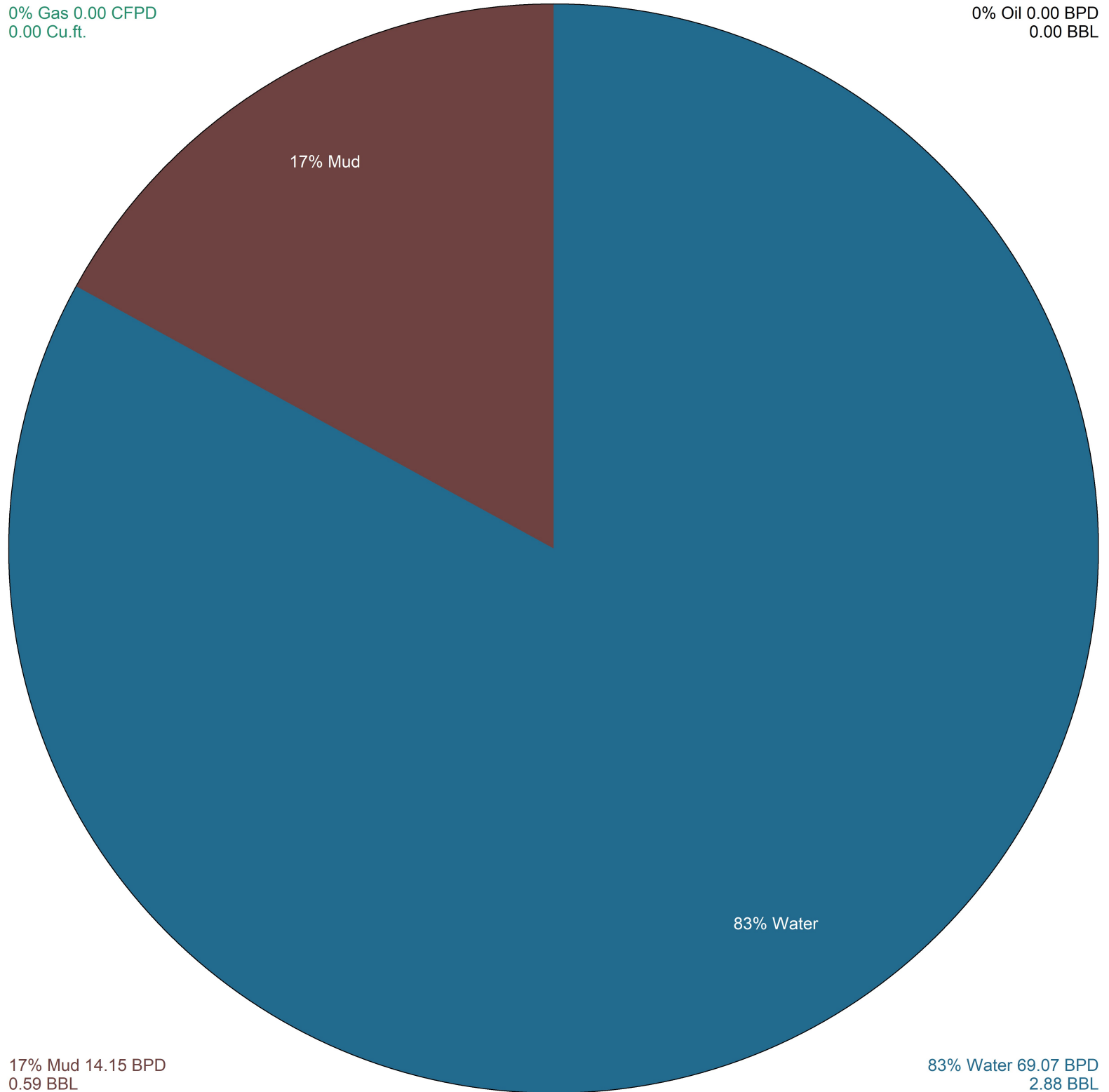
# Palomino Petroleum - Kelly Crist 3 - DST #1



Calculated Recovery Analysis - Palomino Petroleum - Kelly Crist 3 - DST #1

0% Gas 0.00 CFPD  
0.00 Cu.ft.

0% Oil 0.00 BPD  
0.00 BBL

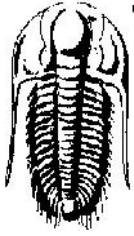


17% Mud

83% Water

17% Mud 14.15 BPD  
0.59 BBL

83% Water 69.07 BPD  
2.88 BBL



**TRILOBITE  
TESTING, INC.**

DR    M    R

92   8   h    
     6711

R

**28-20S.-34W. Scott, KS**

**Kelly Crist #3**

68  38

**DST#: 1**

2022.05.01  18:15:00

R      RM

**Altamont "A & B"**

D     h

20:17:10

00:07:09

**Interval: 4462.00 ft (KB) To 4535.00 ft (KB) (TVD)**

D    535.00     D

H   D    7.88   h   H

H

M

66

R       3017.00

3005.00

R     12.00

**Serial #: 8734**

**Outside**

R   D    211.19     63.00

D    2022.05.01    D    2022.05.02     8000.00

18:15:01     00:07:10     2022.05.01   20:17:00

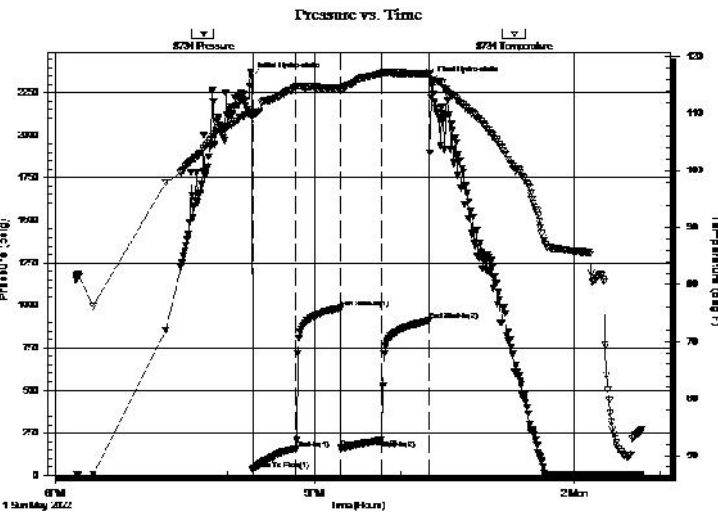
2022.05.01   22:21:30

MM   30--   9 1/2"

30-- r

30--   7 1/2"

30-- r



R

<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"/> <input type="checkbox"/> <input type="checkbox"/>
0	23.96	110.12	<input type="checkbox"/> <input type="checkbox"/> H <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
1	36.10	109.25	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 1 <input type="checkbox"/>
31	156.70	11.75	<input type="checkbox"/> h <input type="checkbox"/> <input type="checkbox"/> 1 <input type="checkbox"/>
62	985.96	11.52	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> h <input type="checkbox"/> <input type="checkbox"/> 1 <input type="checkbox"/>
62	160.32	11.15	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 2 <input type="checkbox"/>
90	211.19	117.05	<input type="checkbox"/> h <input type="checkbox"/> <input type="checkbox"/> 2 <input type="checkbox"/>
123	911.62	116.93	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> h <input type="checkbox"/> <input type="checkbox"/> 2 <input type="checkbox"/>
125	2319.75	116.01	<input type="checkbox"/> <input type="checkbox"/> H <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>

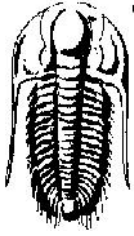
R

<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	D <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
00.00	M <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 17 <input type="checkbox"/> M <input type="checkbox"/> 83 <input type="checkbox"/> <input type="checkbox"/>	3. <input type="checkbox"/>

R

<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> h <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"/> R <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>





**TRILOBITE  
TESTING, INC.**

DR 0000 0000M 00000 R0000R0

**FLUID SUMMARY**

0000 00 00r0000 00

**28-20S.-34W. Scott, KS**

0920 00800h 00

**Kelly Crist #3**

000 000000 67110

000 000000 68038

**DST#: 1**

00000 R000 0000

000000r0 2022.05.01 0 18:15:00

**Mud and Cushion Information**

Mud 00000 0000h00	000h00 00000	000000	d00 000
Mud 0 00h00	10.00 00000	000h00 00000h0	00 000r 00000000 12000 000
000000000	6.00 000000	000h00 000000	000
0 00r 00000	7.20 00 <sup>3</sup>	000 000h00 000000	
R000000000	0h0.0	000 000h00 0r000000	000
00000000	0000.00 000		
0000r 00000	1.00 00h00		

**Recovery Information**

R00000r0 00000

00000h 00	D000r00000	00000 000
000.00	M00 0 0000000 170 M0830 0	3.003

000000000h0 000.00 00 000000 00000 3.003 000

000 000d 00000000 000 000 000000 0 00r00000

0000r000r 00000 0000r000r 000000000

R00000r0 000000000R0 0.683 0 55.0 d0000 0 12:000 00M



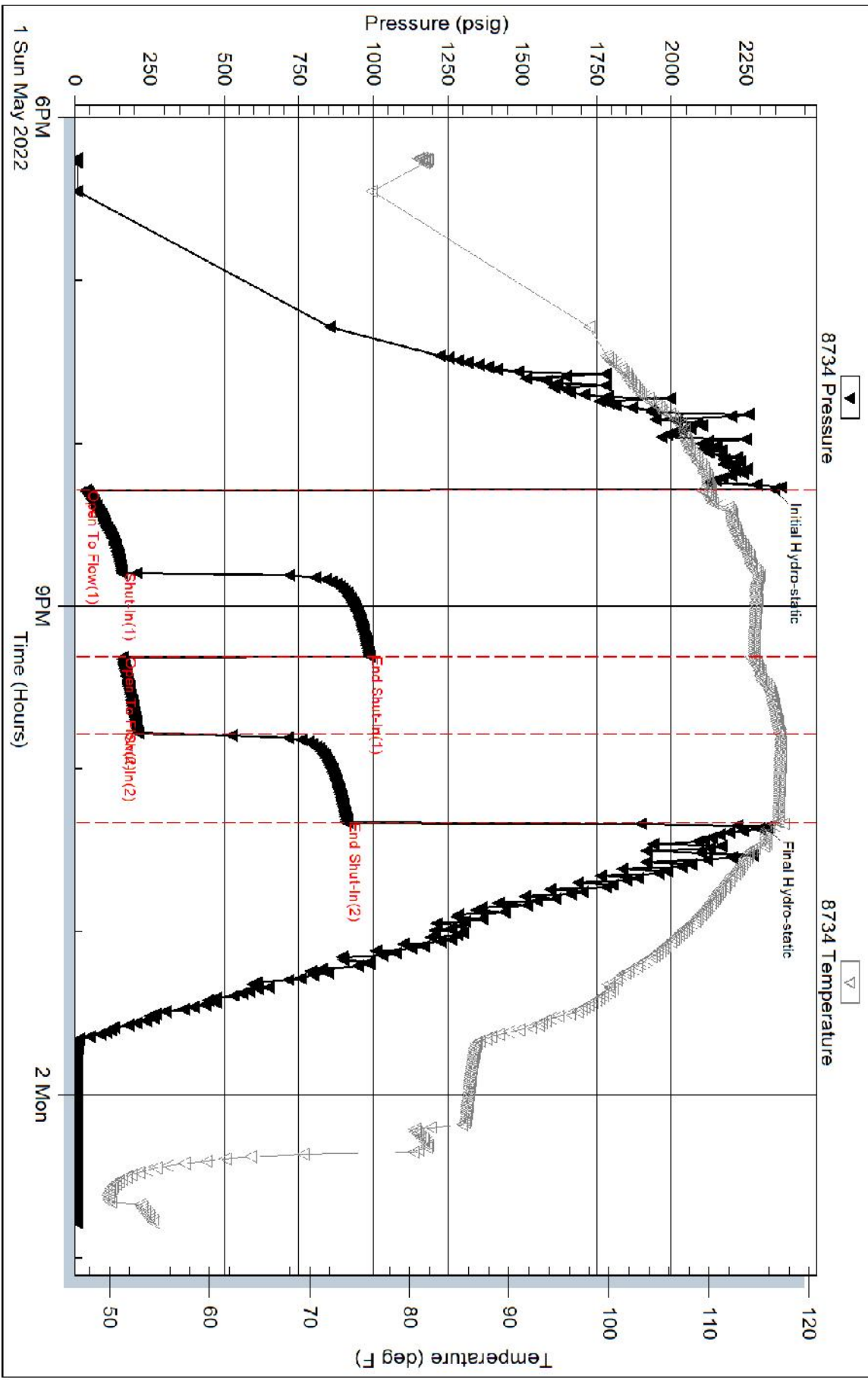
Serial #: 8734

Outside Palomino Petroleum INC

Kelly Crst#3

DST Test Number: 1

### Pressure vs. Time



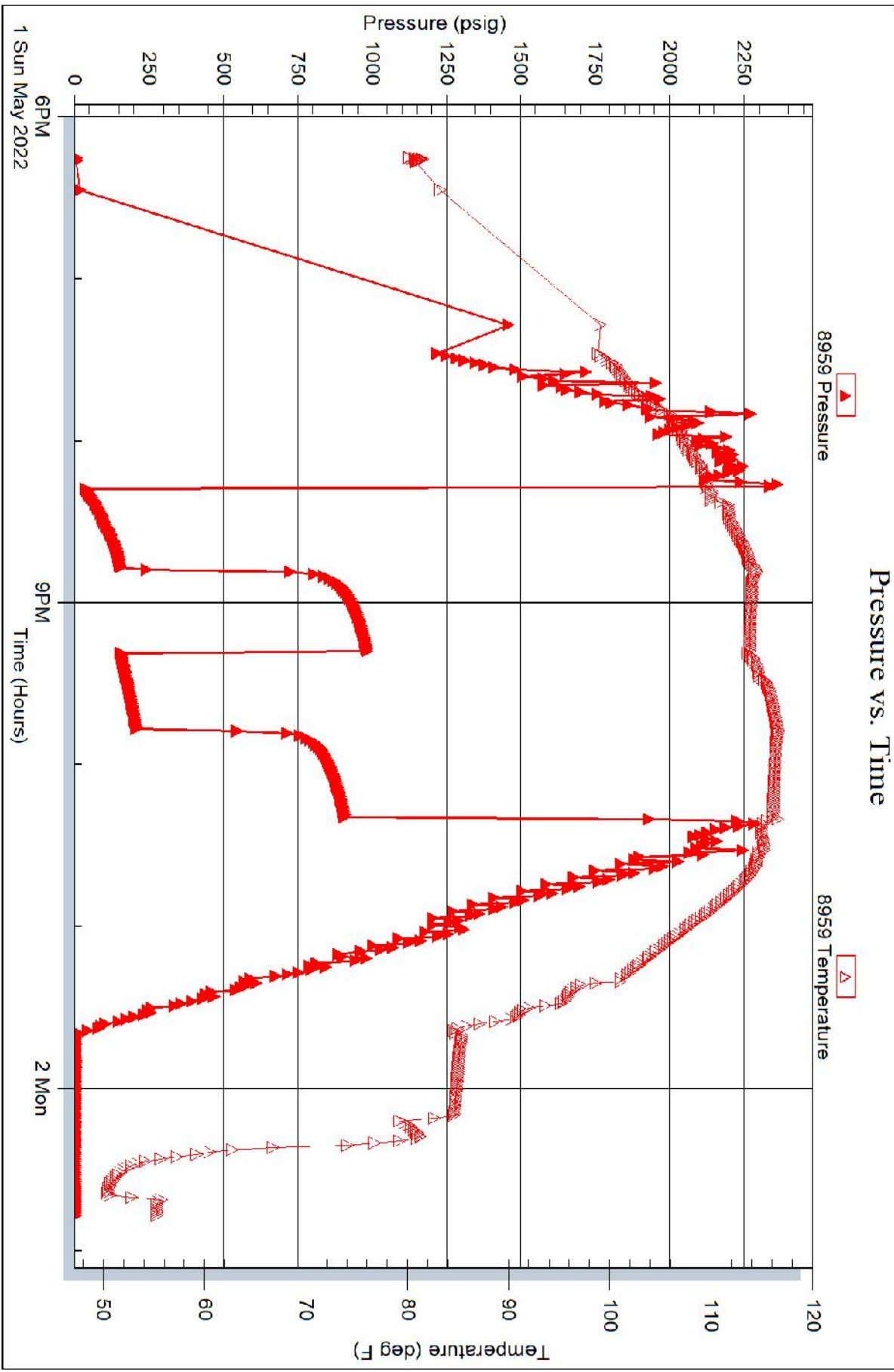
Serial #: 8959

Inside

Palomino Petroleum INC

Kelly Crst #3

DST Test Number: 1





## DRILL STEM TEST REPORT

Prepared For: **Palomino Petroleum Inc**

4924 SE 84Th St  
Newton, KS 67114

ATTN: Ryan Seib

**Kelly Crist #3**

**28-20S-34W Scott,KS**

Start Date: 2022.05.01 @ 18:15:00

End Date: 2022.05.02 @ 00:47:09

Job Ticket #: 68438                      DST #: 1

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

Printed: 2022.05.10 @ 16:22:38

Palomino Petroleum Inc

28-20S-34W Scott,KS

Kelly Crist #3

DST # 1

Altamont " A & B "

2022.05.01



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

Palomino Petroleum Inc

**28-20S-34W Scott,KS**

4924 SE 84Th St  
New ton, KS 67114

**Kelly Crist #3**

Job Ticket: 68438

**DST#: 1**

ATTN: Ryan Seib

Test Start: 2022.05.01 @ 18:15:00

## GENERAL INFORMATION:

Formation: **Altamont " A & B"**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 20:17:10  
 Time Test Ended: 00:47:09  
 Interval: **4462.00 ft (KB) To 4535.00 ft (KB) (TVD)**  
 Total Depth: 4535.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Good  
 Test Type: Conventional Bottom Hole (Initial)  
 Tester: Martine Salinas  
 Unit No: 66  
 Reference Elevations: 3090.00 ft (KB)  
 3087.00 ft (CF)  
 KB to GR/CF: 3.00 ft

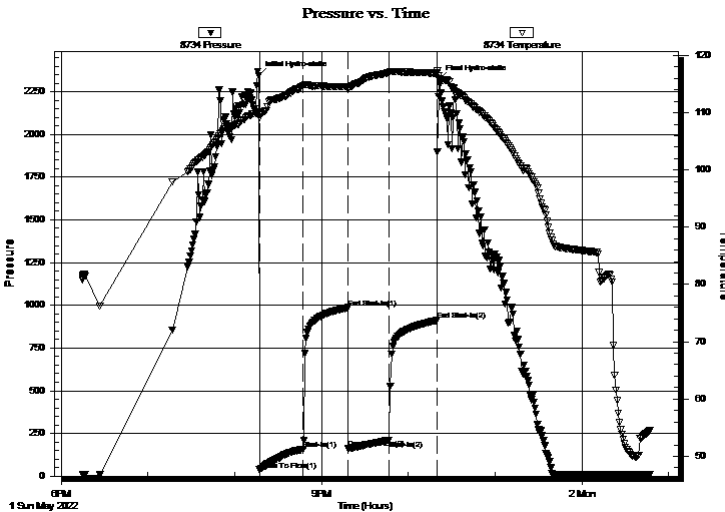
## Serial #: 8734

**Outside**

Press@RunDepth: 211.19 psig @ 4463.00 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2022.05.01 End Date: 2022.05.02 Last Calib.: 2022.05.02  
 Start Time: 18:15:01 End Time: 00:47:10 Time On Btm: 2022.05.01 @ 20:17:00  
 Time Off Btm: 2022.05.01 @ 22:21:30

TEST COMMENT: 30-IF-Blow built to 9 1/2"  
 30-ISI-No return  
 30-FF-Blow built to 7 1/2"  
 30-FSI-No return

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2344.96	110.12	Initial Hydro-static
1	36.10	109.25	Open To Flow (1)
31	156.70	114.75	Shut-In(1)
62	985.96	114.52	End Shut-In(1)
62	160.32	114.15	Open To Flow (2)
90	211.19	117.05	Shut-In(2)
123	911.62	116.93	End Shut-In(2)
125	2319.75	116.01	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
400.00	MCW w/Oil spots 17%M, 83%W	3.44

## Gas Rates

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





**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Palomino Petroleum Inc

**28-20S-34W Scott,KS**

4924 SE 84Th St  
New ton, KS 67114

**Kelly Crist #3**

Job Ticket: 68438

**DST#: 1**

ATTN: Ryan Seib

Test Start: 2022.05.01 @ 18:15:00

## Tool Information

Drill Pipe:	Length: 4219.00 ft	Diameter: 3.80 inches	Volume: 59.18 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.75 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 238.00 ft	Diameter: 2.25 inches	Volume: 1.17 bbl	Weight to Pull Loose: 75000.00 lb
			<u>Total Volume: 60.35 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	28.00 ft			String Weight: Initial 65000.00 lb
Depth to Top Packer:	4462.00 ft			Final 66000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	73.00 ft			
Tool Length:	106.00 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			4430.00	
Shut In Tool	5.00			4435.00	
Hydraulic tool	5.00	1113		4440.00	
Jars	5.00	01-07		4445.00	
EM Tool	5.00			4450.00	
Safety Joint	3.00	-001		4453.00	
Packer	5.00			4458.00	33.00 Bottom Of Top Packer
Packer	4.00			4462.00	
Stubb	1.00			4463.00	
Recorder	0.00	8959	Inside	4463.00	
Recorder	0.00	8734	Outside	4463.00	
Perforations	5.00			4468.00	
Change Over Sub	1.00			4469.00	
Drill Pipe	62.00			4531.00	
Change Over Sub	1.00			4532.00	
Bullnose	3.00			4535.00	73.00 Bottom Packers & Anchor
<b>Total Tool Length:</b>	<b>106.00</b>				



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

## FLUID SUMMARY

Palomino Petroleum Inc

**28-20S-34W Scott,KS**

4924 SE 84Th St  
New ton, KS 67114

**Kelly Crist #3**

Job Ticket: 68438

**DST#: 1**

ATTN: Ryan Seib

Test Start: 2022.05.01 @ 18:15:00

### 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:

12000 ppm

Viscosity: 64.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.19 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4000.00 ppm

Filter Cake: 1.00 inches

### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
400.00	MCW w/Oil spots 17%M, 83%W	3.443

Total Length: 400.00 ft      Total Volume: 3.443 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

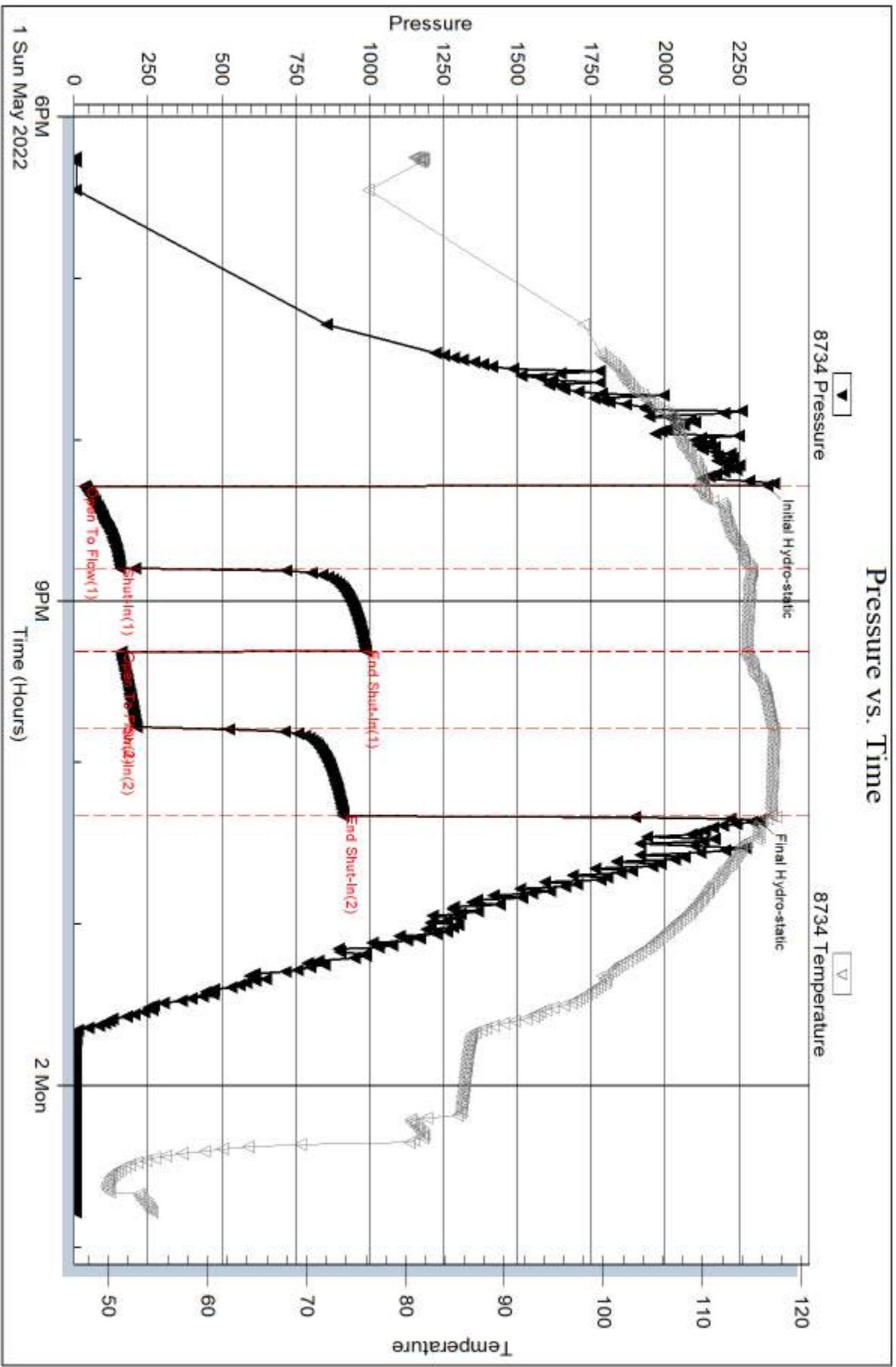
Recovery Comments: RW=.683 @ 55.0 degs = 12,000 PPM

Serial #: 8734

Outside Palomino Petroleum Inc

Kelly Crst #3

DST Test Number: 1



Tribble Testing, Inc

Ref. No: 68438

Printed: 2022.05.10 @ 16:22:40



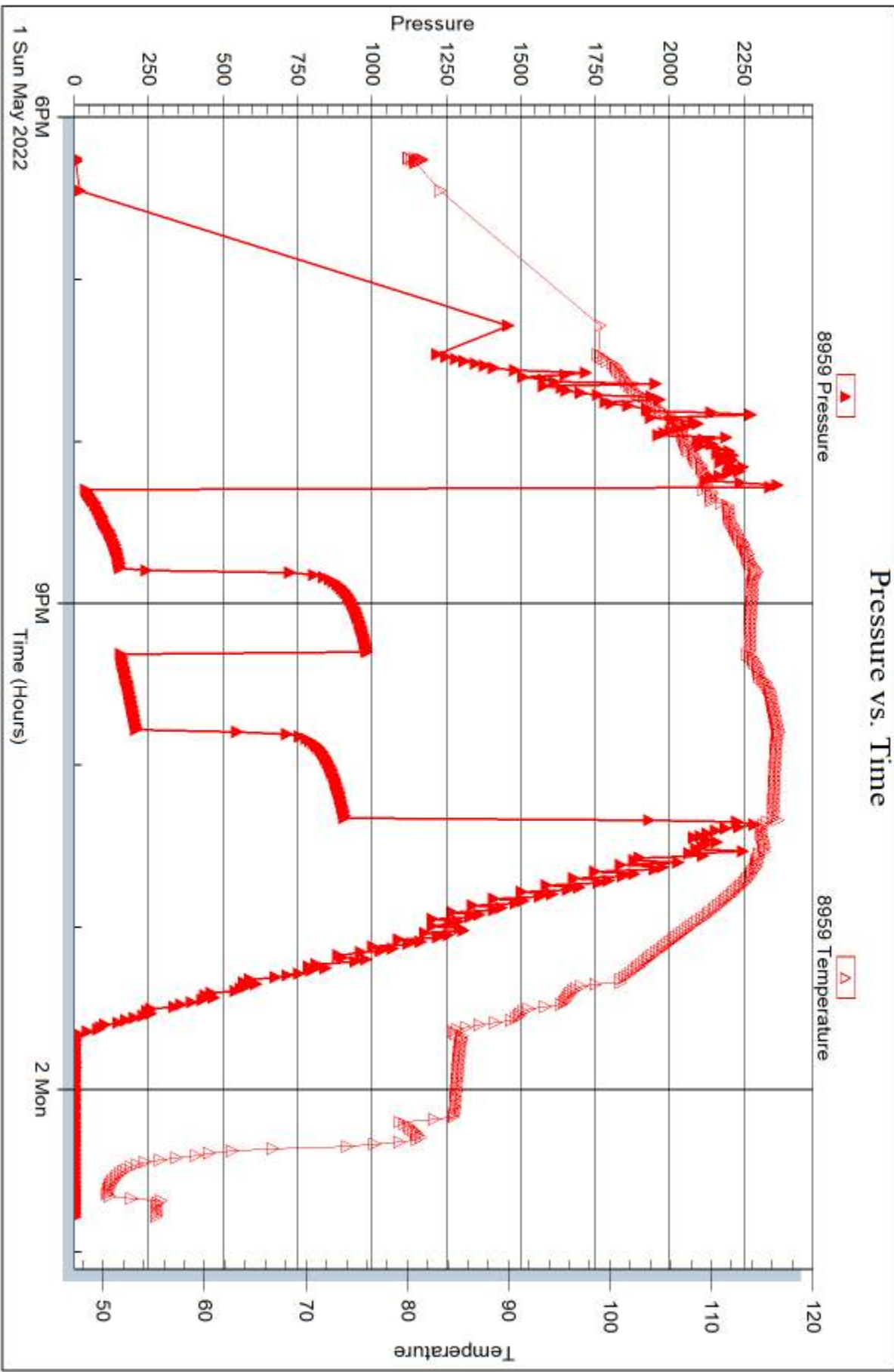
Serial #: 8959

Inside

Palomino Petroleum Inc

Kelly Crst #3

DST Test Number: 1



Trilobite Testing, Inc

Ref. No: 68438

Printed: 2022.05.10 @ 16:22:40



## DRILL STEM TEST REPORT

Prepared For: **Palomino Petroleum Inc**

4924 SE 84Th St  
Newton, KS 67114

ATTN: Ryan Seib

**Kelly Crist #3**

**28-20S-34W Scott,KS**

Start Date: 2022.05.02 @ 11:00:00

End Date: 2022.05.02 @ 17:37:00

Job Ticket #: 68439                      DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2022.05.10 @ 15:51:08

Palomino Petroleum Inc

28-20S-34W Scott,KS

Kelly Crist #3

DST # 2

Altamont " C "

2022.05.02



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

Palomino Petroleum Inc

**28-20S-34W Scott,KS**

4924 SE 84Th St  
New ton, KS 67114

**Kelly Crist #3**

Job Ticket: 68439

**DST#: 2**

ATTN: Ryan Seib

Test Start: 2022.05.02 @ 11:00:00

## GENERAL INFORMATION:

Formation: **Altamont " C "**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 12:50:00

Time Test Ended: 17:37:00

Test Type: Conventional Bottom Hole (Reset)

Tester: Martine Salinas

Unit No: 66

**Interval: 4533.00 ft (KB) To 4582.00 ft (KB) (TVD)**

Total Depth: 4582.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 3090.00 ft (KB)

3087.00 ft (CF)

KB to GR/CF: 3.00 ft

**Serial #: 8734 Outside**

Press@RunDepth: 144.13 psig @ 4534.00 ft (KB)

Start Date: 2022.05.02

End Date: 2022.05.02

Start Time: 11:00:01

End Time: 17:37:00

Capacity: 8000.00 psig

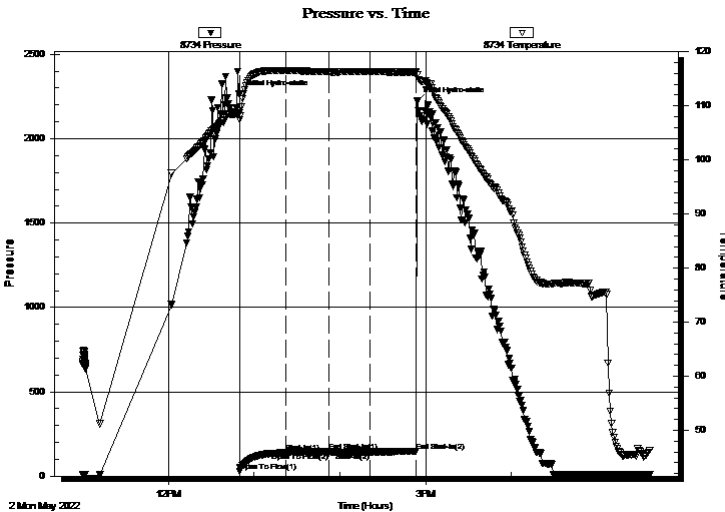
Last Calib.: 2022.05.02

Time On Btm: 2022.05.02 @ 12:49:50

Time Off Btm: 2022.05.02 @ 14:54:20

**TEST COMMENT:** 30-IF-B.O.B (11 inches) @ 16 mins (Blow increased to 13 1/2")  
30-ISI-No return  
30-FF-Blow built to 3/4" & reduced to 1/2"  
30-FSI-No return

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2260.99	108.75	Initial Hydro-static
1	29.53	107.39	Open To Flow (1)
32	138.79	116.52	Shut-In(1)
63	144.96	116.28	End Shut-In(1)
63	139.07	116.27	Open To Flow (2)
92	144.13	116.29	Shut-In(2)
124	145.65	116.21	End Shut-In(2)
125	2222.19	115.84	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
269.00	OSMCW 2%O, 20%M, 78%W	1.61
1.00	CO 100%O	0.01

\* 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 Inc

**28-20S-34W Scott,KS**

4924 SE 84Th St  
New ton, KS 67114

**Kelly Crist #3**

Job Ticket: 68439

**DST#: 2**

ATTN: Ryan Seib

Test Start: 2022.05.02 @ 11:00:00

## Tool Information

Drill Pipe:	Length: 4281.00 ft	Diameter: 3.80 inches	Volume: 60.05 bbl	Tool Weight:	2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.75 inches	Volume: 0.00 bbl	Weight set on Packer:	25000.00 lb
Drill Collar:	Length: 238.00 ft	Diameter: 2.25 inches	Volume: 1.17 bbl	Weight to Pull Loose:	75000.00 lb
			<u>Total Volume: 61.22 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	19.00 ft			String Weight: Initial	64000.00 lb
Depth to Top Packer:	4533.00 ft			Final	64000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	49.00 ft				
Tool Length:	82.00 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			4501.00	
Shut In Tool	5.00			4506.00	
Hydraulic tool	5.00	1113		4511.00	
Jars	5.00	01-07		4516.00	
EM Tool	5.00			4521.00	
Safety Joint	3.00	-001		4524.00	
Packer	5.00			4529.00	33.00 Bottom Of Top Packer
Packer	4.00			4533.00	
Stubb	1.00			4534.00	
Recorder	0.00	8959	Inside	4534.00	
Recorder	0.00	8734	Outside	4534.00	
Perforations	12.00			4546.00	
Change Over Sub	1.00			4547.00	
Drill Pipe	31.00			4578.00	
Change Over Sub	1.00			4579.00	
Bullnose	3.00			4582.00	49.00 Bottom Packers & Anchor
<b>Total Tool Length:</b>	<b>82.00</b>				



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

## FLUID SUMMARY

Palomino Petroleum Inc

**28-20S-34W Scott,KS**

4924 SE 84Th St  
New ton, KS 67114

**Kelly Crist #3**

Job Ticket: 68439

**DST#: 2**

ATTN: Ryan Seib

Test Start: 2022.05.02 @ 11:00:00

### Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

23000 ppm

Viscosity: 56.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.98 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4500.00 ppm

Filter Cake: 1.00 inches

### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
269.00	OSMCW 2%O, 20%M, 78%W	1.605
1.00	CO 100%O	0.014

Total Length: 270.00 ft      Total Volume: 1.619 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

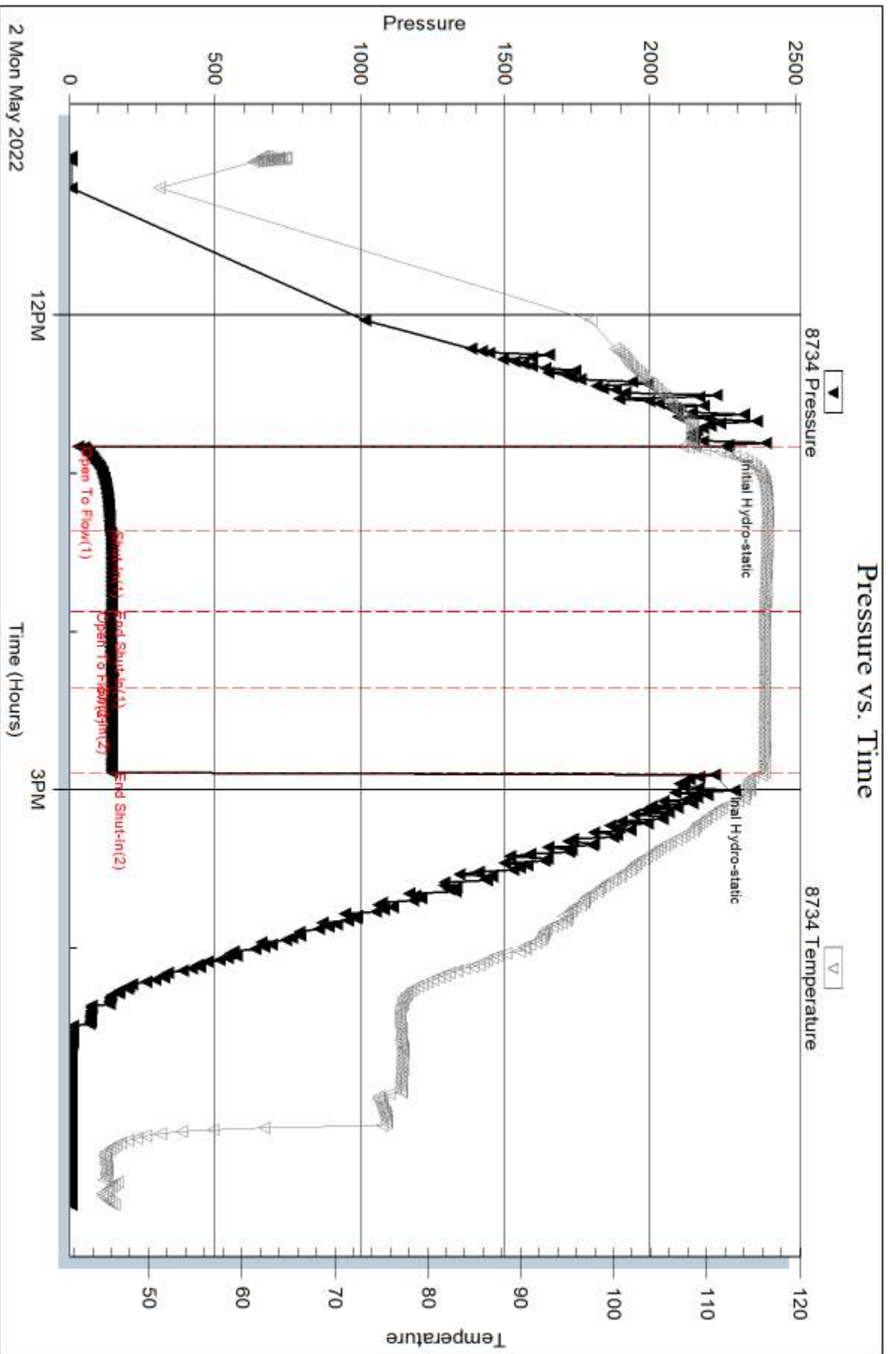
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW=.485 @ 54.5 degs= 23,000 PPM

Not enough oil to catch a gravity



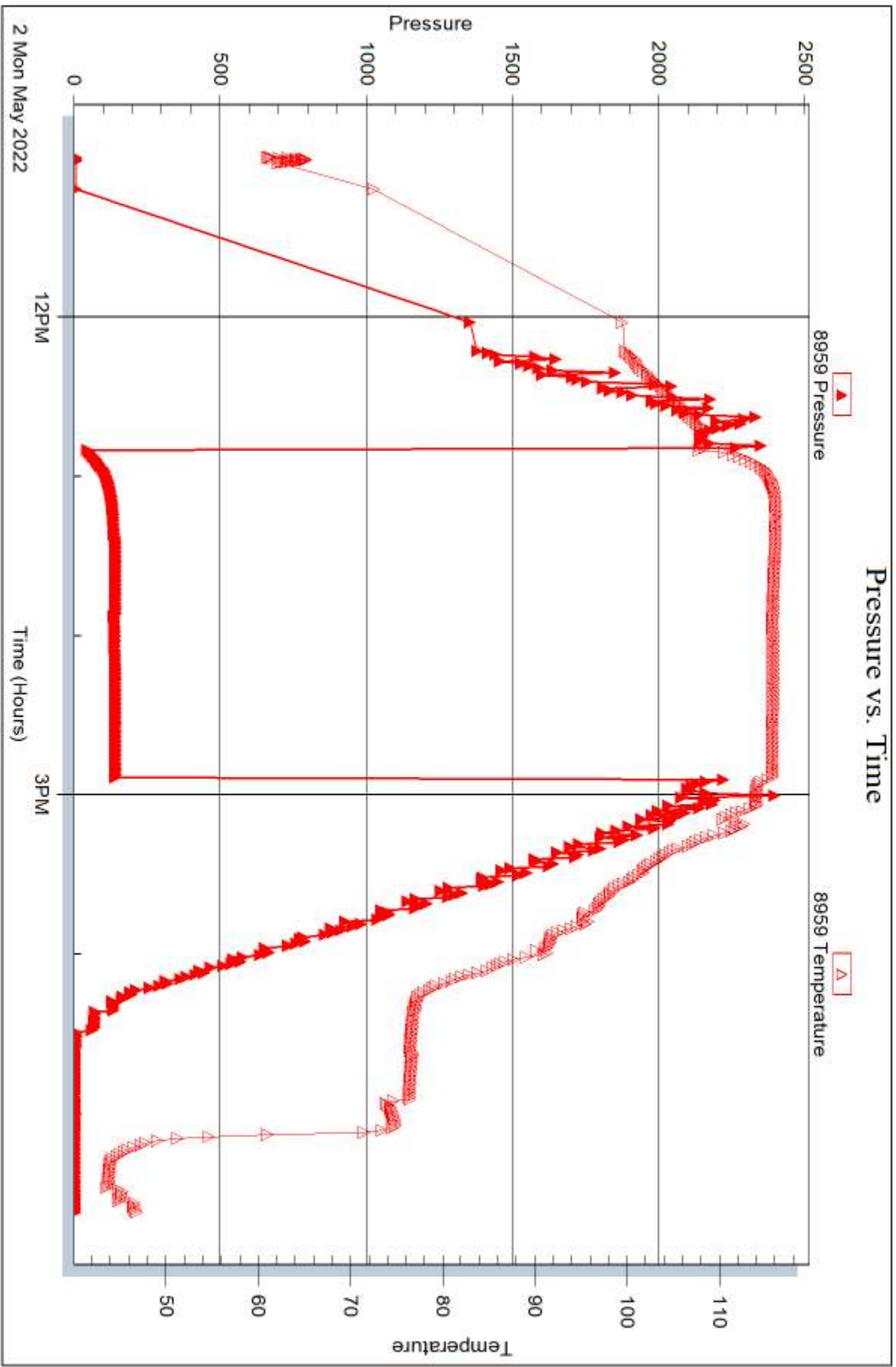
Serial #: 8959

Inside

Palomino Petroleum Inc

Kelly Crst #3

DST Test Number: 2



Trilobite Testing, Inc

Ref. No: 68439

Printed: 2022.05.10 @ 15:52:35





## DRILL STEM TEST REPORT

Prepared For: **Palomino Petroleum Inc**

4924 SE 84Th St  
Newton, KS 67114

ATTN: Ryan Seib

**Kelly Crist #3**

**28-20S-34W Scott,KS**

Start Date: 2022.05.03 @ 01:47:00

End Date: 2022.05.03 @ 09:12:39

Job Ticket #: 68440                      DST #: 3

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2022.05.10 @ 16:27:38



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

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

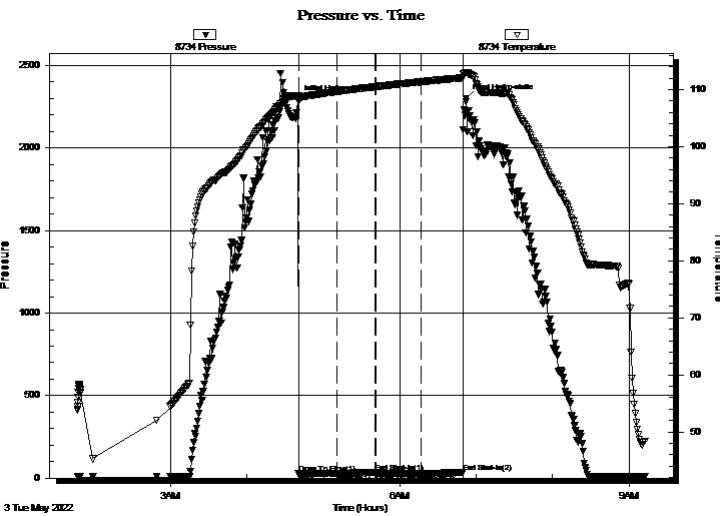
**28-20S-34W Scott,KS**  
**Kelly Crist #3**  
 Job Ticket: 68440 **DST#: 3**  
 Test Start: 2022.05.03 @ 01:47:00

## GENERAL INFORMATION:

Formation: **Pawnee**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 04:40:20  
 Time Test Ended: 09:12:39  
 Interval: **4580.00 ft (KB) To 4610.00 ft (KB) (TVD)**  
 Total Depth: 4610.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Good  
 Test Type: Conventional Bottom Hole (Reset)  
 Tester: Martine Salinas  
 Unit No: 66  
 Reference Elevations: 3090.00 ft (KB)  
 3087.00 ft (CF)  
 KB to GR/CF: 3.00 ft

**Serial #: 8734 Outside**  
 Press@RunDepth: 27.81 psig @ 4581.00 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2022.05.03 End Date: 2022.05.03 Last Calib.: 2022.05.03  
 Start Time: 01:47:01 End Time: 09:12:40 Time On Btm: 2022.05.03 @ 04:40:10  
 Time Off Btm: 2022.05.03 @ 06:51:50

TEST COMMENT: 30-IF-Weak surface blow dead @ 20 mins  
 30-ISI-No return  
 30-FF-No blow  
 30-FSI-No return



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2296.32	108.92	Initial Hydro-static
1	26.07	108.00	Open To Flow (1)
31	28.46	109.65	Shut-In(1)
61	36.99	110.49	End Shut-In(1)
61	26.43	110.49	Open To Flow (2)
97	27.81	111.35	Shut-In(2)
130	34.24	112.05	End Shut-In(2)
132	2300.67	112.94	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
2.00	100% Mud	0.01

\* 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 Inc

**28-20S-34W Scott,KS**

4924 SE 84Th St  
New ton, KS 67114

**Kelly Crist #3**

Job Ticket: 68440

**DST#: 3**

ATTN: Ryan Seib

Test Start: 2022.05.03 @ 01:47:00

## Tool Information

Drill Pipe:	Length: 4344.00 ft	Diameter: 3.80 inches	Volume: 60.93 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.75 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 238.00 ft	Diameter: 2.25 inches	Volume: 1.17 bbl	Weight to Pull Loose: 70000.00 lb
			<u>Total Volume: 62.10 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	35.00 ft			String Weight: Initial 65000.00 lb
Depth to Top Packer:	4580.00 ft			Final 65000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	30.00 ft			
Tool Length:	63.00 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			4548.00	
Shut In Tool	5.00			4553.00	
Hydraulic tool	5.00	1113		4558.00	
Jars	5.00	01-07		4563.00	
EM Tool	5.00			4568.00	
Safety Joint	3.00	-001		4571.00	
Packer	5.00			4576.00	33.00 Bottom Of Top Packer
Packer	4.00			4580.00	
Stubb	1.00			4581.00	
Recorder	0.00	8959	Inside	4581.00	
Recorder	0.00	8734	Outside	4581.00	
Perforations	26.00			4607.00	
Bullnose	3.00			4610.00	30.00 Bottom Packers & Anchor

**Total Tool Length: 63.00**



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

## FLUID SUMMARY

Palomino Petroleum Inc

**28-20S-34W Scott,KS**

4924 SE 84Th St  
New ton, KS 67114

**Kelly Crist #3**

Job Ticket: 68440

**DST#: 3**

ATTN: Ryan Seib

Test Start: 2022.05.03 @ 01:47:00

### Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 53.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.99 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4500.00 ppm

Filter Cake: 1.00 inches

### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
2.00	100% Mud	0.010

Total Length: 2.00 ft      Total Volume: 0.010 bbl

Num Fluid Samples: 0

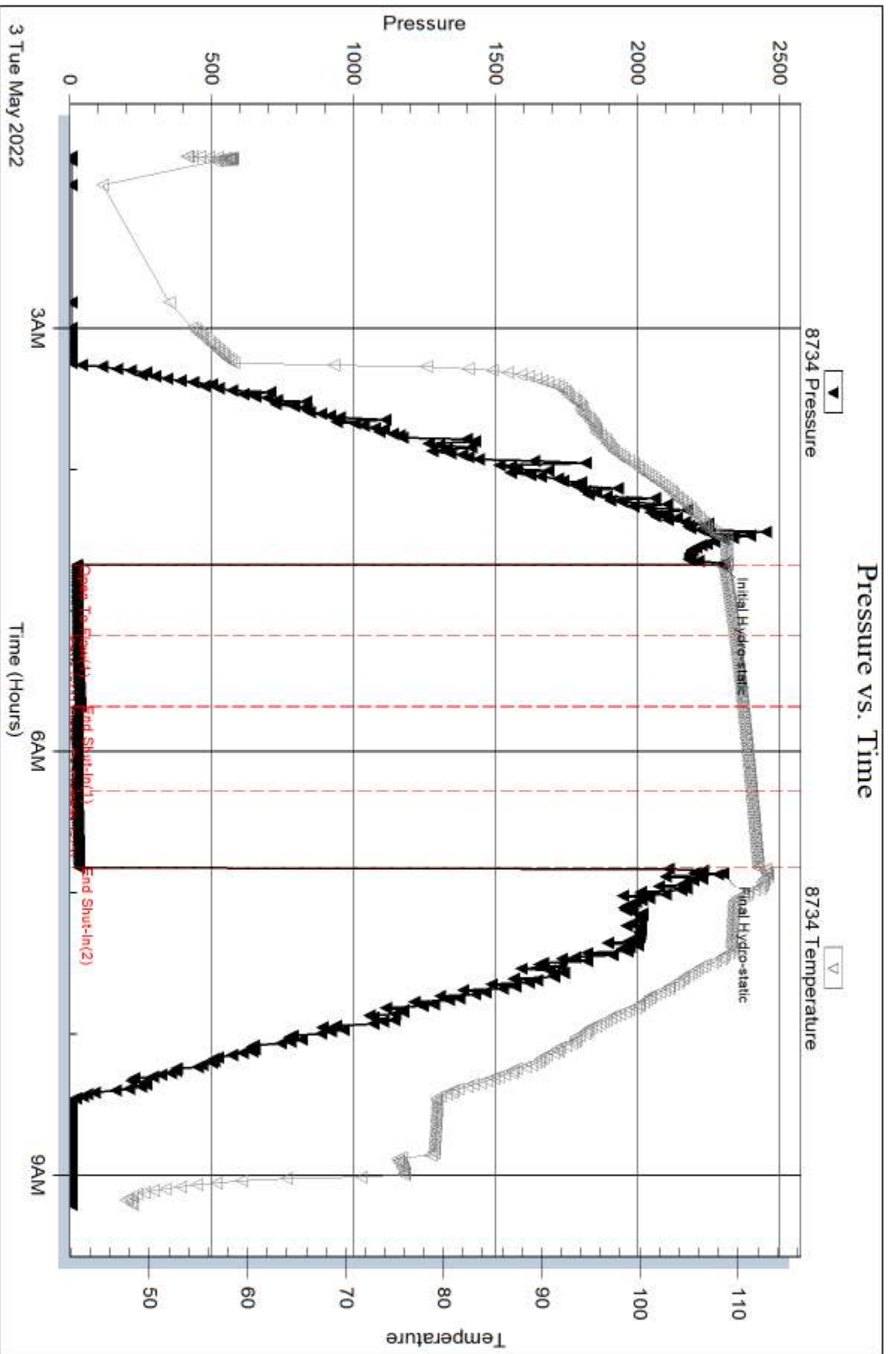
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



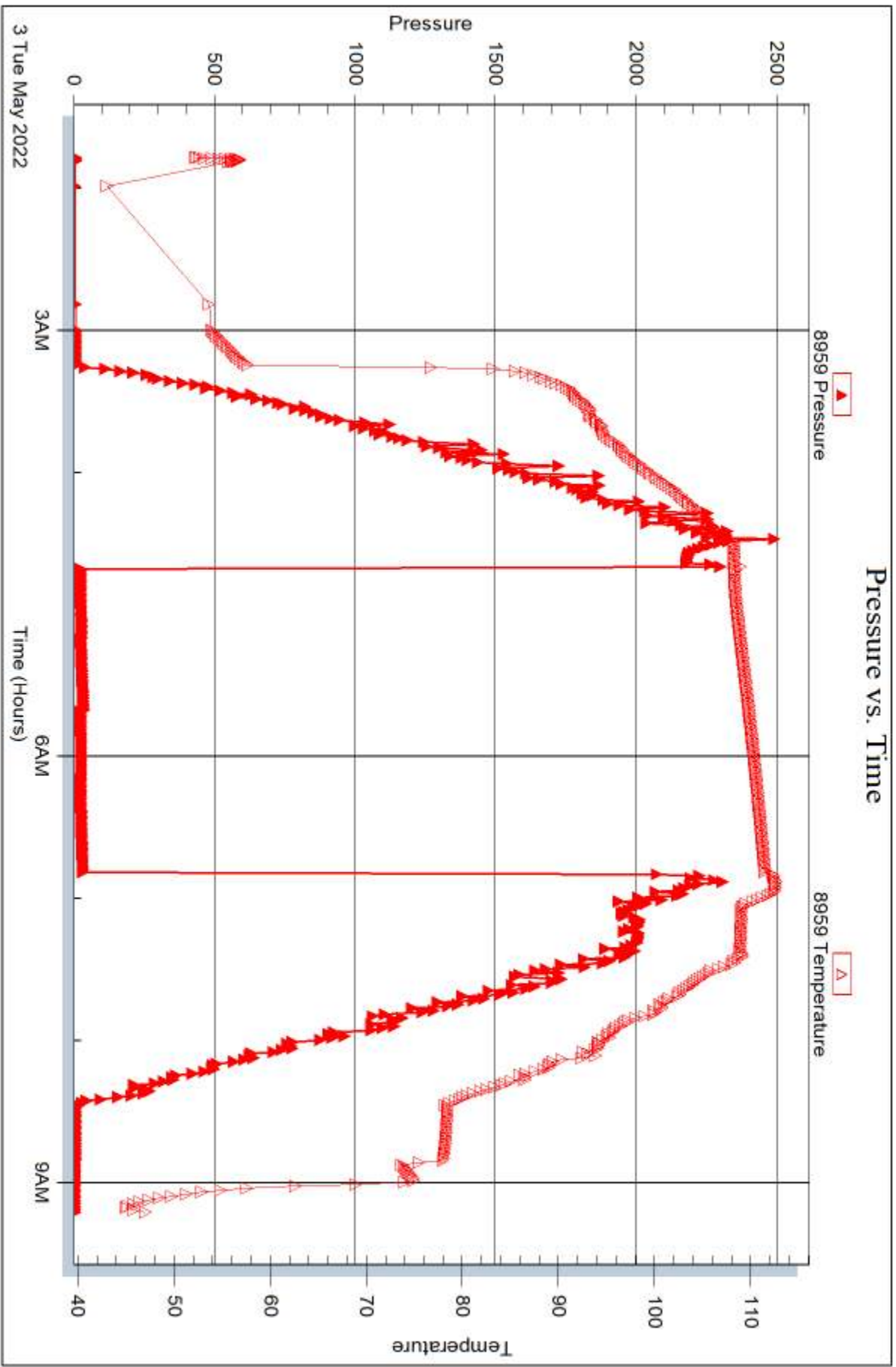
Serial #: 8959

Inside

Palomino Petroleum Inc

Kelly Crst #3

DST Test Number: 3



Tribble Testing, Inc

Ref. No: 68440

Printed: 2022.05.10 @ 16:27:39



## DRILL STEM TEST REPORT

Prepared For: **Palomino Petroleum Inc**

4924 SE 84Th St  
Newton, KS 67114

ATTN: Ryan Seib

**Kelly Crist #3**

**28-20S-34W Scott,KS**

Start Date: 2022.05.03 @ 19:14:00

End Date: 2022.05.04 @ 02:04:30

Job Ticket #: 68441                      DST #: 4

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

Printed: 2022.05.09 @ 13:33:06





**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

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

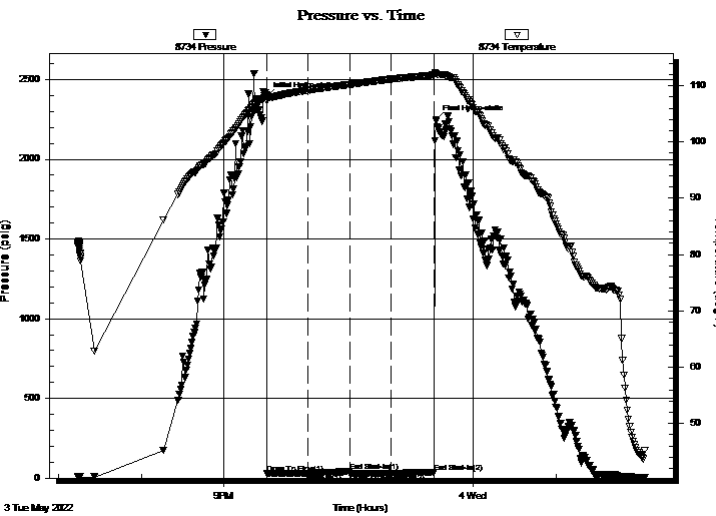
**28-20S-34W Scott,KS**  
**Kelly Crist #3**  
 Job Ticket: 68441 **DST#: 4**  
 Test Start: 2022.05.03 @ 19:14:00

## GENERAL INFORMATION:

Formation: **Myrick/Ft. Scott**  
 Deviated: No Whipstock: ft (KB)  
 Test Type: Conventional Bottom Hole (Reset)  
 Time Tool Opened: 21:31:10 Tester: Martine Salinas  
 Time Test Ended: 02:04:30 Unit No: 66  
 Interval: **4606.00 ft (KB) To 4666.00 ft (KB) (TVD)** Reference Elevations: 3090.00 ft (KB)  
 Total Depth: 4666.00 ft (KB) (TVD) 3087.00 ft (CF)  
 Hole Diameter: 7.88 inches Hole Condition: Good KB to GR/CF: 3.00 ft

**Serial #: 8734 Outside**  
 Press@RunDepth: 29.66 psig @ 4607.00 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2022.05.03 End Date: 2022.05.04 Last Calib.: 2022.05.04  
 Start Time: 19:14:01 End Time: 02:04:30 Time On Btm: 2022.05.03 @ 21:31:00  
 Time Off Btm: 2022.05.03 @ 23:33:09

**TEST COMMENT:** 30-IF-Blow built to 1/2" & reduced to surface blow  
 30-ISI-No return  
 30-FF-No blow  
 30-FSI-No blow



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2392.07	108.36	Initial Hydro-static
1	29.17	107.37	Open To Flow (1)
30	30.65	109.19	Shut-In(1)
60	42.74	110.19	End Shut-In(1)
61	28.91	110.19	Open To Flow (2)
90	29.66	111.14	Shut-In(2)
121	38.17	111.85	End Shut-In(2)
123	2245.96	112.08	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
3.00	100% Mud	0.01

\* Recovery from multiple tests

## Gas Rates

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



**TRILOBITE TESTING, INC**

# DRILL STEM TEST REPORT

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

**28-20S-34W Scott,KS**

**Kelly Crist #3**

Job Ticket: 68441

**DST#: 4**

Test Start: 2022.05.03 @ 19:14:00

## GENERAL INFORMATION:

Formation: **Myrick/Ft. Scott**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 21:31:10

Time Test Ended: 02:04:30

Test Type: Conventional Bottom Hole (Reset)

Tester: Martine Salinas

Unit No: 66

**Interval: 4606.00 ft (KB) To 4666.00 ft (KB) (TVD)**

Total Depth: 4666.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 3090.00 ft (KB)

3087.00 ft (CF)

KB to GR/CF: 3.00 ft

**Serial #: 8959 Inside**

Press@RunDepth: psig @ 4607.00 ft (KB)

Start Date: 2022.05.03 End Date: 2022.05.04

Start Time: 19:14:01 End Time: 02:04:20

Capacity: 8000.00 psig

Last Calib.: 2022.05.04

Time On Btm:

Time Off Btm:

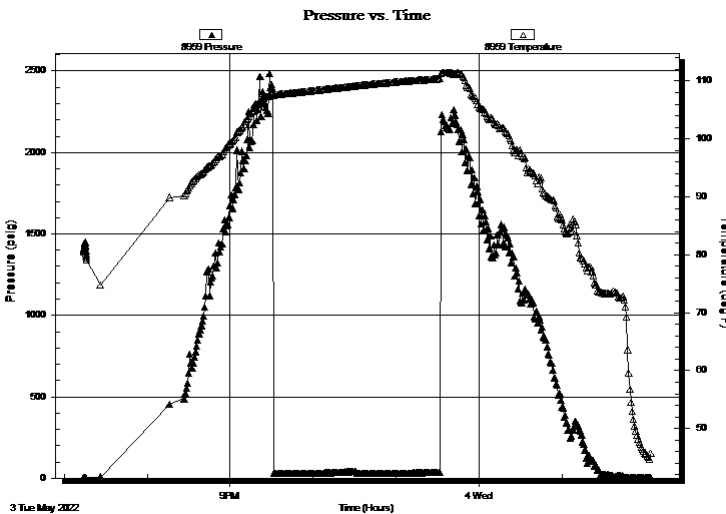
**TEST COMMENT:** 30-IF-Blow built to 1/2" & reduced to surface blow

30-ISI-No return

30-FF-No blow

30-FSI-No blow

## PRESSURE SUMMARY



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

## Recovery

Length (ft)	Description	Volume (bbl)
3.00	100% Mud	0.01

## Gas Rates

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

\* Recovery from multiple tests



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Palomino Petroleum Inc

**28-20S-34W Scott,KS**

4924 SE 84Th St  
New ton, KS 67114

**Kelly Crist #3**

Job Ticket: 68441

**DST#: 4**

ATTN: Ryan Seib

Test Start: 2022.05.03 @ 19:14:00

## Tool Information

Drill Pipe:	Length: 4344.00 ft	Diameter: 3.80 inches	Volume: 60.93 bbl	Tool Weight:	2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.75 inches	Volume: 0.00 bbl	Weight set on Packer:	25000.00 lb
Drill Collar:	Length: 238.00 ft	Diameter: 2.25 inches	Volume: 1.17 bbl	Weight to Pull Loose:	70000.00 lb
			<u>Total Volume: 62.10 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	9.00 ft			String Weight: Initial	65000.00 lb
Depth to Top Packer:	4606.00 ft			Final	65000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	60.00 ft				
Tool Length:	93.00 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			4574.00	
Shut In Tool	5.00			4579.00	
Hydraulic tool	5.00	1113		4584.00	
Jars	5.00	01-07		4589.00	
EM Tool	5.00			4594.00	
Safety Joint	3.00	-001		4597.00	
Packer	5.00			4602.00	33.00 Bottom Of Top Packer
Packer	4.00			4606.00	
Stubb	1.00			4607.00	
Recorder	0.00	8959	Inside	4607.00	
Recorder	0.00	8734	Outside	4607.00	
Perforations	22.00			4629.00	
Change Over Sub	1.00			4630.00	
Drill Pipe	32.00			4662.00	
Change Over Sub	1.00			4663.00	
Bullnose	3.00			4666.00	60.00 Bottom Packers & Anchor
<b>Total Tool Length:</b>	<b>93.00</b>				



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

## FLUID SUMMARY

Palomino Petroleum Inc

**28-20S-34W Scott,KS**

4924 SE 84Th St  
New ton, KS 67114

**Kelly Crist #3**

Job Ticket: 68441

**DST#: 4**

ATTN: Ryan Seib

Test Start: 2022.05.03 @ 19:14:00

### Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 54.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.59 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 5000.00 ppm

Filter Cake: 1.00 inches

### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
3.00	100% Mud	0.015

Total Length: 3.00 ft      Total Volume: 0.015 bbl

Num Fluid Samples: 0

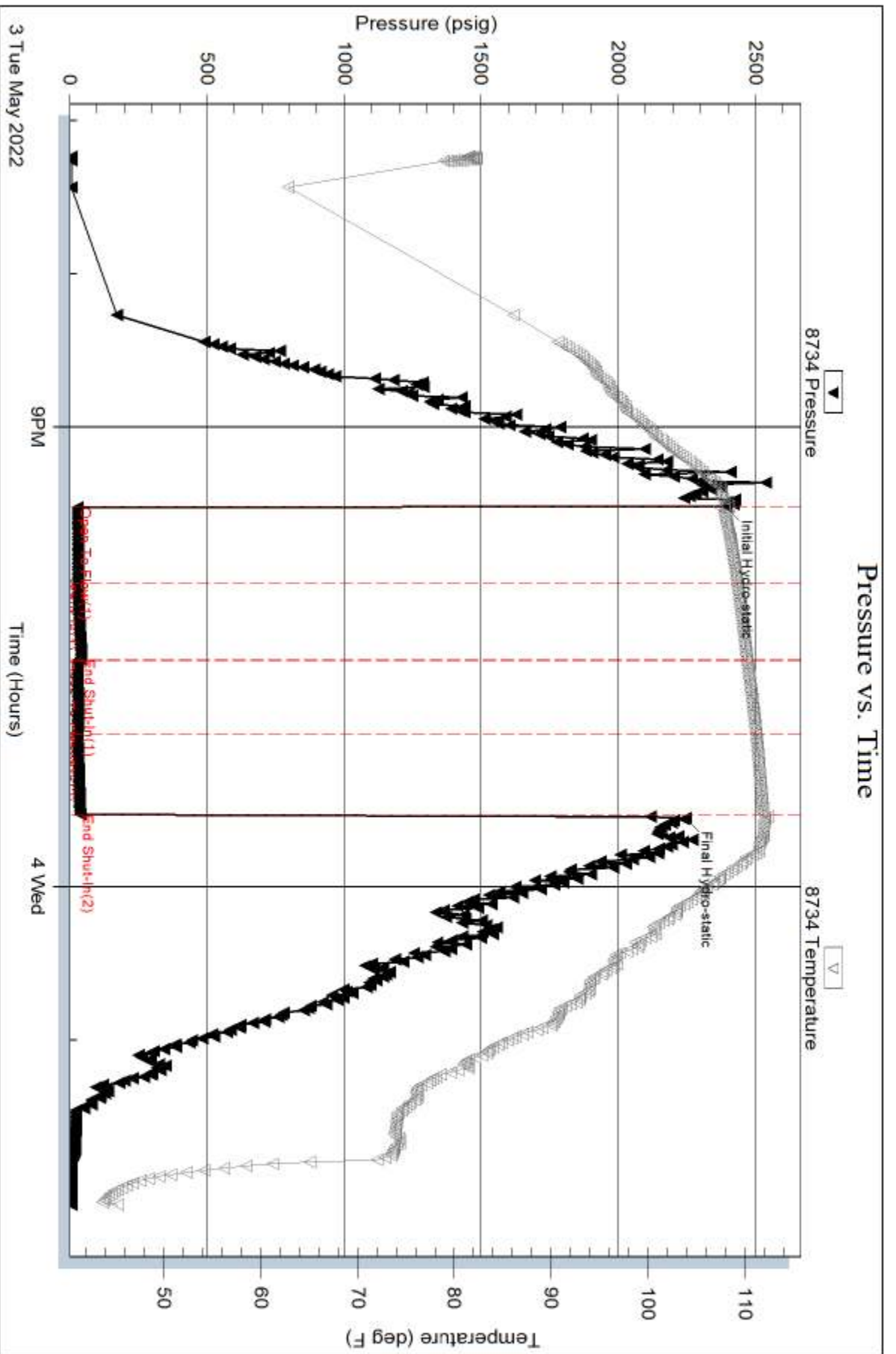
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



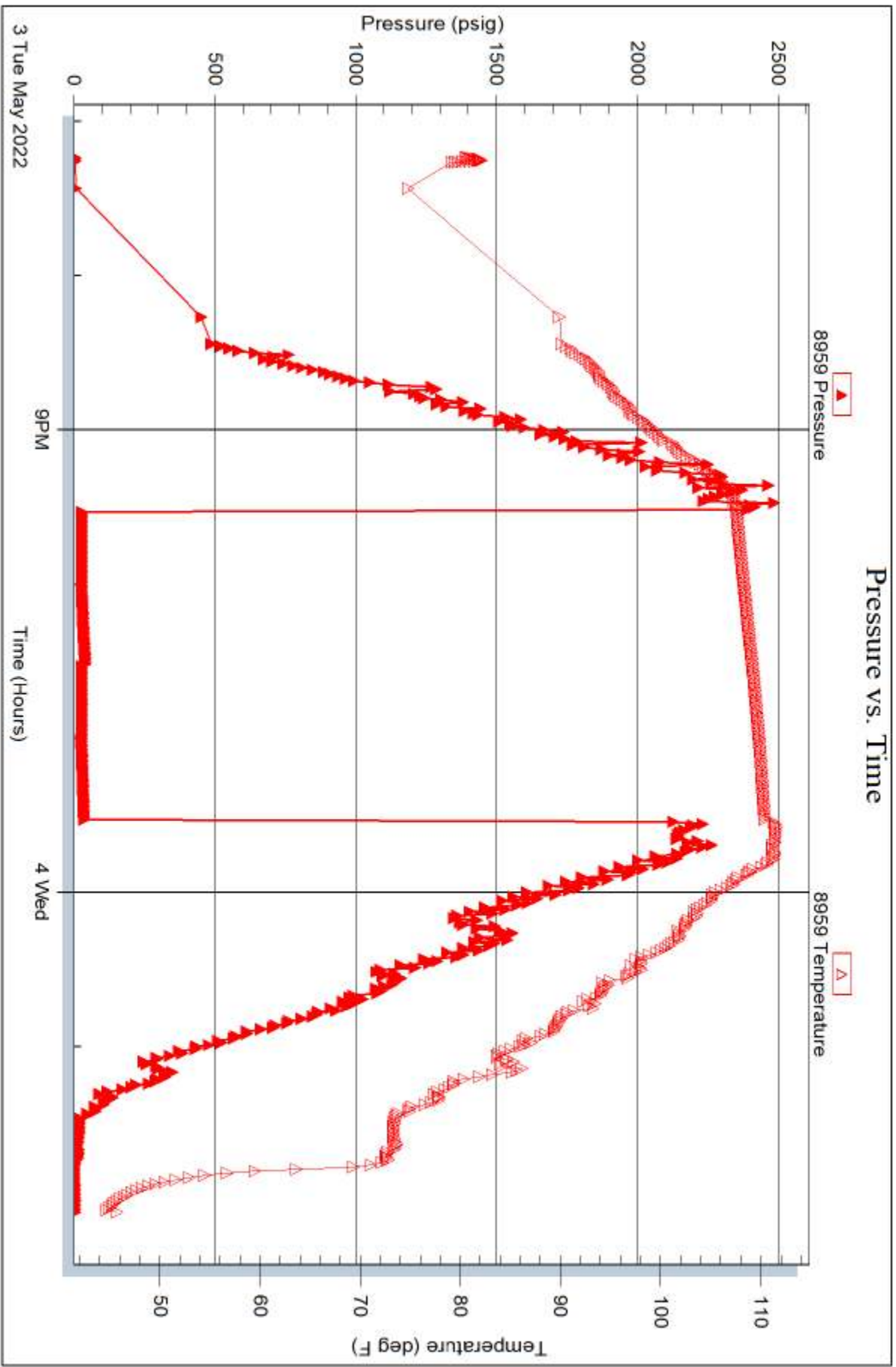
Serial #: 8959

Inside

Palomino Petroleum Inc

Kelly Crst #3

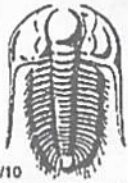
DST Test Number: 4



Tribble Testing, Inc

Ref. No: 68441

Printed: 2022.05.09 @ 13:33:07



# TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

## Test Ticket

NO. 68438

Well Name & No. Kelly Crist #3 Test No. 1 Date 5-1-22  
 Company Palomino Petroleum Inc. Elevation 3090 KB ~~3078~~ 3078 GL  
 Address 4924 SE 84<sup>th</sup> St. Newton, KS. 67114  
 Co. Rep / Geo. Ryan Scib Rig Murfin #21  
 Location: Sec. 28 Twp 20S. Rge. 34W. Co. Scott State KS.

Interval Tested 4462 - 4535 Zone Tested Altamont A+B  
 Anchor Length 73' Drill Pipe Run 4219 Mud Wt. 9.6  
 Top Packer Depth 4457 Drill Collars Run 238 Vis 64  
 Bottom Packer Depth 4462 Wt. Pipe Run --- WL 7.2  
 Total Depth 4535 Chlorides 4000 ppm System LCM 5#  
 Blow Description IF - Blow built to 9 1/2"  
ISF - No return.  
FF - Blow built to 7 1/2"  
FSS - No return.

Rec	Feet of	%gas	%oil	%water	%mud
400	MEW w/oil spots.		83	17	

Rec Total 400 BHT 116 Gravity --- API RW 683 @ 55.0° F Chlorides 12,000 ppm

(A) Initial Hydrostatic <u>2345</u>	<input checked="" type="checkbox"/> Test <u>1950</u>	T-On Location <u>16:45</u>
(B) First Initial Flow <u>36</u>	<input checked="" type="checkbox"/> Jars <u>300</u>	T-Started <u>18:15</u>
(C) First Final Flow <u>157</u>	<input checked="" type="checkbox"/> Safety Joint	T-Open <u>20:16</u>
(D) Initial Shut-In <u>986</u>	<input type="checkbox"/> Circ Sub	T-Pulled <u>22:16</u>
(E) Second Initial Flow <u>160</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>00:46</u>
(F) Second Final Flow <u>211</u>	<input checked="" type="checkbox"/> Mileage <u>46 RT</u> 69	Comments
(G) Final Shut-In <u>912</u>	<input type="checkbox"/> Sampler	
(H) Final Hydrostatic <u>2320</u>	<input type="checkbox"/> Straddle	<input checked="" type="checkbox"/> EM Tool
Initial Open <u>30</u>	<input type="checkbox"/> Shale Packer	<input type="checkbox"/> Ruined Shale Packer
Initial Shut-In <u>30</u>	<input type="checkbox"/> Extra Packer	<input type="checkbox"/> Ruined Packer
Final Flow <u>30</u>	<input type="checkbox"/> Extra Recorder	<input type="checkbox"/> Extra Copies
Final Shut-In <u>30</u>	<input type="checkbox"/> Day Standby	Sub Total <u>0</u>
	<input type="checkbox"/> Accessibility	Total <u>2319</u>
	Sub Total <u>2319</u>	MP/DST Disc't

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



# TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

## Test Ticket

NO. **68439**

Well Name & No. Kelly Crist #3 Test No. 2 Date 5-2-22  
 Company Palomino Petroleum, Inc. Elevation 3090 KB 3078 GL  
 Address 4924 SE 84th St Newton, KS 67114  
 Co. Rep / Geo. Ryan Seib Rig Murfin #21  
 Location: Sec. 28 Twp 20S. Rge. 34W. Co. Scott State KS

Interval Tested 4533 - 4582 Zone Tested Altamont C  
 Anchor Length 49' Drill Pipe Run 4281 Mud Wt. 9.4  
 Top Packer Depth 4527 Drill Collars Run 238 Vis 56  
 Bottom Packer Depth 4533 Wt. Pipe Run --- WL 8.0  
 Total Depth 4582 Chlorides 4500 ppm System LCM 44  
 Blow Description IF - B.O.B (11 inches) @ 16 mins (blow increased to 13 1/2")

ISE - No return.

FF - Blow built to 3/4" & reduced to 1/2"

ESI - No return.

Rec	Feet of	%gas	%oil	%water	%mud
<u>269</u>	<u>OSM CW</u>	<u>2</u>	<u>78</u>	<u>20</u>	
<u>1</u>	<u>CO</u>	<u>100</u>			

Rec Total 270 BHT 116 Gravity --- API RW .485 @ 54.5° F Chlorides 23,000 ppm

(A) Initial Hydrostatic 2261  Test 1950 T-On Location 10:15  
 (B) First Initial Flow 30  Jars 300 T-Started 11:00  
 (C) First Final Flow 139  Safety Joint --- T-Open 12:51  
 (D) Initial Shut-In 145  Circ Sub --- T-Pulled 14:51  
 (E) Second Initial Flow 139  Hourly Standby --- T-Out 17:37  
 (F) Second Final Flow 144  Mileage 46 RT 69 Comments Not enough oil to catch gravity  
 (G) Final Shut-In 146  Sampler ---  
 (H) Final Hydrostatic 2222  Straddle ---  EM Tool ---  
 Shale Packer ---  Ruined Shale Packer ---  
 Extra Packer ---  Ruined Packer ---  
 Extra Recorder ---  Extra Copies ---  
 Day Standby --- Sub Total 0  
 Accessibility --- Total 2319  
 Sub Total 2319 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. 68440

Well Name & No. Kelly Crist #3 Test No. 3 Date 5-3-22  
 Company Palomino Petroleum Inc. Elevation 3090 KB 3078 GL  
 Address 4924 SE 84th St. Newton, KS 67114  
 Co. Rep / Geo. Ryan Scib Rig Murfin #21  
 Location: Sec. 28 Twp 20S. Rge. 34W. Co. Scott State KS

Interval Tested 4580 - 4610 Zone Tested Pawnee  
 Anchor Length 30' Drill Pipe Run 4344 Mud Wt. 9.3  
 Top Packer Depth 4575 Drill Collars Run 238 Vls 53  
 Bottom Packer Depth 4580 Wt. Pipe Run - WL 8.0  
 Total Depth 4610 Chlorides 4500 ppm System LCM 5#

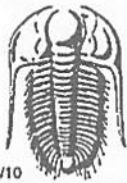
Blow Description IF - Weak surface blow dead c. 20 mins  
ISI - No return  
FF - No blow  
FSI - No return.

Rec	Feet of	%gas	%oil	%water	%mud
<u>2</u>	<u>Mud</u>			<u>100</u>	
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 2 BHT 113 Gravity - API RW - @ - °F Chlorides - ppm

(A) Initial Hydrostatic <u>2296</u>	<input checked="" type="checkbox"/> Test <u>1950</u>	T-On Location <u>01:30</u>
(B) First Initial Flow <u>26</u>	<input checked="" type="checkbox"/> Jars <u>300</u>	T-Started <u>01:47</u>
(C) First Final Flow <u>28</u>	<input checked="" type="checkbox"/> Safety Joint	T-Open <u>04:40</u>
(D) Initial Shut-In <u>37</u>	<input type="checkbox"/> Circ Sub	T-Pulled <u>06:48</u>
(E) Second Initial Flow <u>26</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>09:12</u>
(F) Second Final Flow <u>28</u>	<input checked="" type="checkbox"/> Mileage <u>46 RT</u> 69	Comments
(G) Final Shut-In <u>34</u>	<input type="checkbox"/> Sampler	
(H) Final Hydrostatic <u>2301</u>	<input type="checkbox"/> Straddle	<input checked="" type="checkbox"/> EM Tool <u>-350</u>
Initial Open <u>30</u>	<input type="checkbox"/> Shale Packer	<input type="checkbox"/> Ruined Shale Packer
Initial Shut-In <u>30</u>	<input type="checkbox"/> Extra Packer	<input type="checkbox"/> Ruined Packer
Final Flow <u>30</u>	<input type="checkbox"/> Extra Recorder	<input type="checkbox"/> Extra Copies
Final Shut-In <u>30</u>	<input type="checkbox"/> Day Standby	Sub Total <u>-350</u>
	<input type="checkbox"/> Accessibility	Total <u>1969</u>
	Sub Total <u>2319</u>	MP/DST Disc't

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



# TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

## Test Ticket

NO. 68441

Well Name & No. Kelly Crist #3 Test No. 4 Date 5-3-22  
 Company Palomino Petroleum, Inc. Elevation 3090 KB 3678 GL  
 Address 4924 SE 84th St Newton, KS 67114  
 Co. Rep / Geo. Ryan Seib Rig Murfin #21  
 Location: Sec. 28 Twp 20S. Rge. 34W. Co. Scott State KS.

Interval Tested 4606-4666 Zone Tested Myrick - Ft. Scott  
 Anchor Length 60' Drill Pipe Run 4344 Mud Wt. 9.3  
 Top Packer Depth 4601 Drill Collars Run 238 Vis 54  
 Bottom Packer Depth 4606 Wt. Pipe Run — WL 9.6  
 Total Depth 4666 Chlorides 5000 ppm System LCM 24

Blow Description IF: Blow built to 1/2" + reduced to surface blow  
ISI: No return.  
FF: No blow  
FST: No blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>3</u>	<u>Mud</u>			<u>100</u>	
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

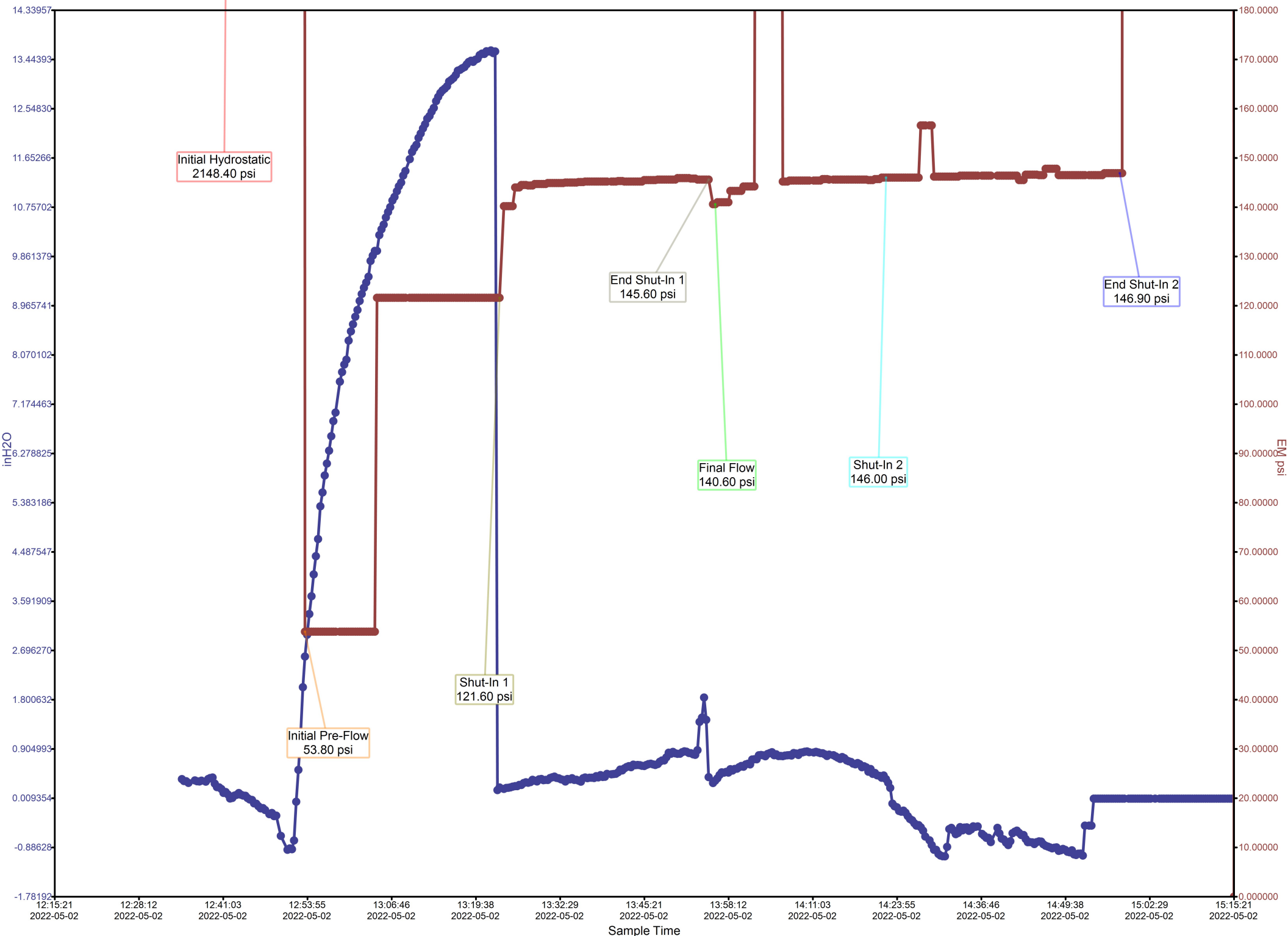
Rec Total 3 BHT 112 Gravity — API RW — @ —° F Chlorides — ppm

(A) Initial Hydrostatic <u>2392</u>	<input checked="" type="checkbox"/> Test 1950	T-On Location <u>18:30</u>
(B) First Initial Flow <u>29</u>	<input checked="" type="checkbox"/> Jars 300	T-Started <u>19:14</u>
(C) First Final Flow <u>31</u>	<input checked="" type="checkbox"/> Safety Joint	T-Open <u>21:30</u>
(D) Initial Shut-In <u>43</u>	<input type="checkbox"/> Circ Sub	T-Pulled <u>23:30</u>
(E) Second Initial Flow <u>29</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>02:04</u>
(F) Second Final Flow <u>30</u>	<input checked="" type="checkbox"/> Mileage <u>46 RTX2</u> 138	Comments <u>Tools loaded @ 19:30</u>
(G) Final Shut-In <u>38</u>	<input type="checkbox"/> Sampler	<u>5-6-22</u>
(H) Final Hydrostatic <u>2246</u>	<input type="checkbox"/> Straddle	<input checked="" type="checkbox"/> EM Tool
Initial Open <u>30</u>	<input type="checkbox"/> Shale Packer	<input type="checkbox"/> Ruined Shale Packer
Initial Shut-In <u>30</u>	<input type="checkbox"/> Extra Packer	<input type="checkbox"/> Ruined Packer
Final Flow <u>30</u>	<input type="checkbox"/> Extra Recorder	<input type="checkbox"/> Extra Copies
Final Shut-In <u>30</u>	<input checked="" type="checkbox"/> Day Standby <u>X 2</u> 2d 17.5h	Sub Total <u>1600</u>
	<input type="checkbox"/> Accessibility	Total <u>3988</u>
	Sub Total <u>2388</u>	MP/DST Disc't

Approved By \_\_\_\_\_ Our Representative [Signature]

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

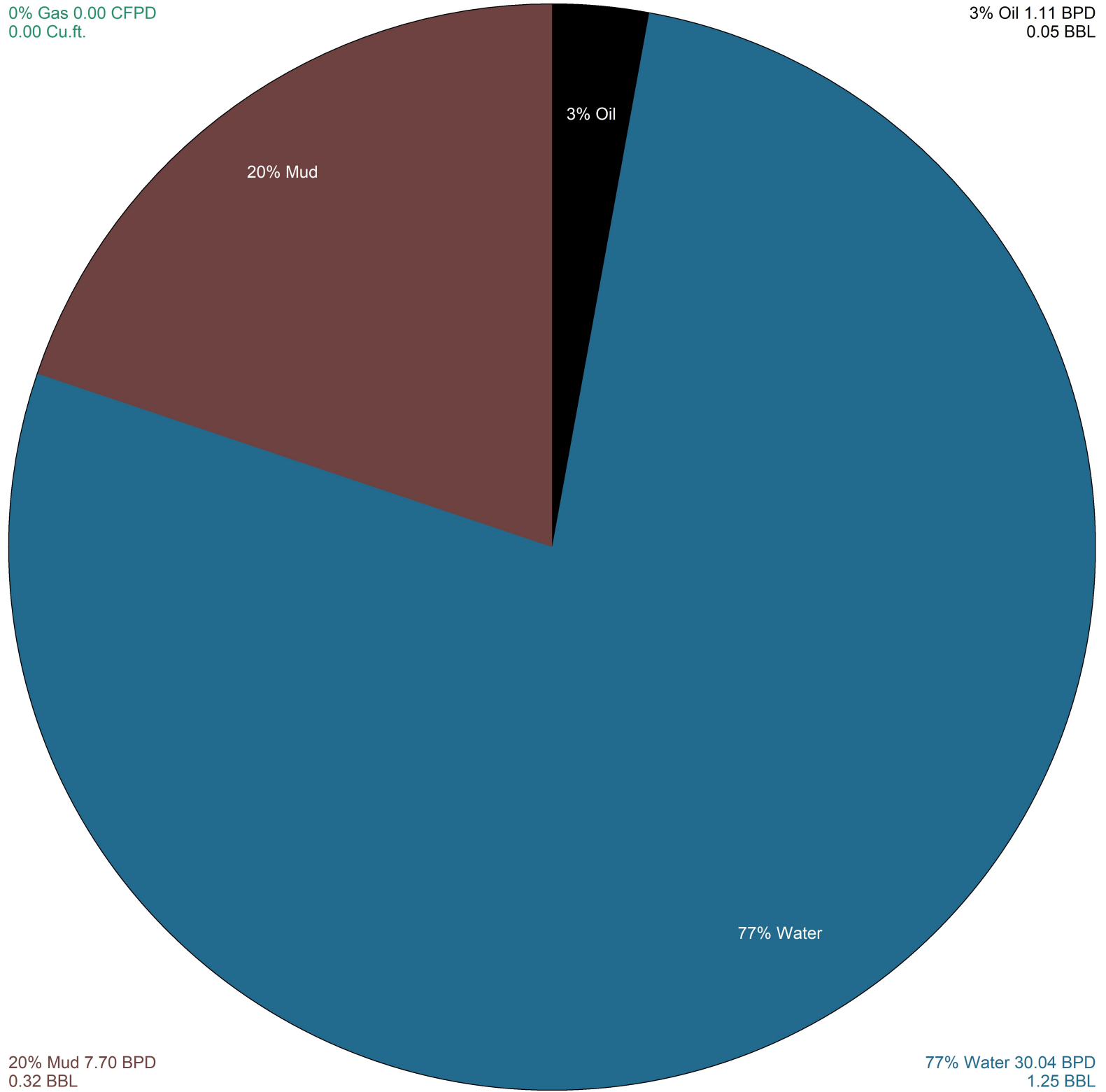
# Palomino Petroleum - Kelly Crist 3 - DST #2



Calculated Recovery Analysis - Palomino Petroleum - Kelly Crist 3 - DST #2

0% Gas 0.00 CFPD  
0.00 Cu.ft.

3% Oil 1.11 BPD  
0.05 BBL



20% Mud

3% Oil

77% Water

20% Mud 7.70 BPD  
0.32 BBL

77% Water 30.04 BPD  
1.25 BBL



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

Palomino Petroleum INC

**28-20S.-34W. Scott, KS**

4924 SE 84Th ST  
New ton, KS 67114

**Kelly Crist #3**

Job Ticket: 68439

**DST#: 2**

ATTN: Ryan Seib

Test Start: 2022.05.02 @ 11:00:00

## GENERAL INFORMATION:

Formation: **Altamont " C "**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 12:50:00

Time Test Ended: 17:37:00

Test Type: Conventional Bottom Hole (Reset)

Tester: Martine Salinas

Unit No: 66

**Interval: 4533.00 ft (KB) To 4582.00 ft (KB) (TVD)**

Total Depth: 4582.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 3090.00 ft (KB)

3087.00 ft (CF)

KB to GR/CF: 3.00 ft

**Serial #: 8734 Outside**

Press@RunDepth: 144.13 psig @ 4534.00 ft (KB)

Start Date: 2022.05.02

End Date: 2022.05.02

Start Time: 11:00:01

End Time: 17:37:00

Capacity: 8000.00 psig

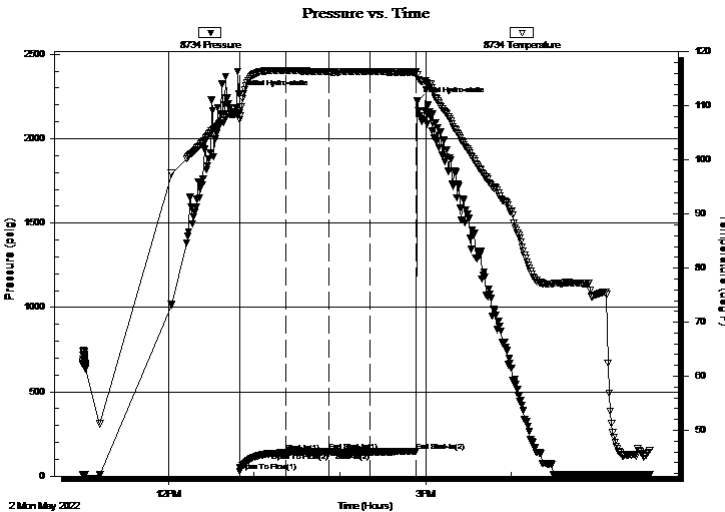
Last Calib.: 2022.05.02

Time On Btm: 2022.05.02 @ 12:49:50

Time Off Btm: 2022.05.02 @ 14:54:20

**TEST COMMENT:** 30-IF-B.O.B (11 inches) @ 16 mins (Blow increased to 13 1/2")  
30-ISI-No return  
30-FF-Blow built to 3/4" & reduced to 1/2"  
30-FSI-No return

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2260.99	108.75	Initial Hydro-static
1	29.53	107.39	Open To Flow (1)
32	138.79	116.52	Shut-In(1)
63	144.96	116.28	End Shut-In(1)
63	139.07	116.27	Open To Flow (2)
92	144.13	116.29	Shut-In(2)
124	145.65	116.21	End Shut-In(2)
125	2222.19	115.84	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
269.00	OSMCW 2%O, 20%M, 78%W	1.61
1.00	CO 100%O	0.01

\* Recovery from multiple tests

## Gas Rates

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



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

Palomino Petroleum INC

**28-20S.-34W. Scott, KS**

4924 SE 84Th ST  
New ton, KS 67114

**Kelly Crist #3**

Job Ticket: 68439

**DST#: 2**

ATTN: Ryan Seib

Test Start: 2022.05.02 @ 11:00:00

## GENERAL INFORMATION:

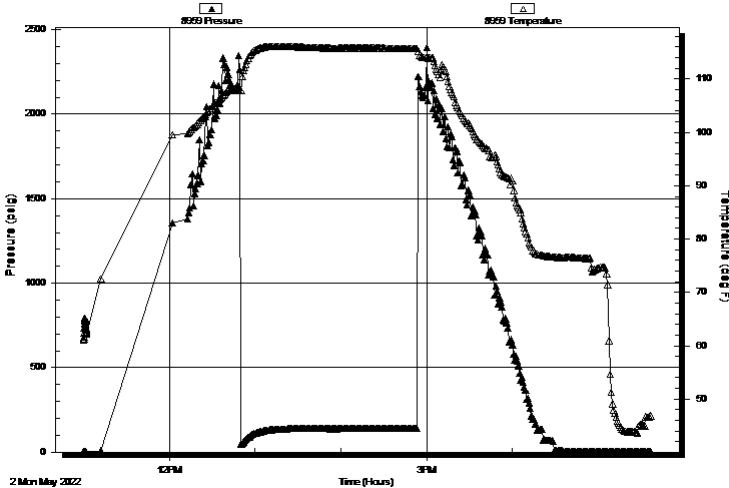
Formation: **Altamont " C "**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 12:50:00  
 Time Test Ended: 17:37:00  
**Interval: 4533.00 ft (KB) To 4582.00 ft (KB) (TVD)**  
 Total Depth: 4582.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches  
 Hole Condition: Good  
 Test Type: Conventional Bottom Hole (Reset)  
 Tester: Martine Salinas  
 Unit No: 66  
 Reference Elevations: 3090.00 ft (KB)  
 3087.00 ft (CF)  
 KB to GR/CF: 3.00 ft

**Serial #: 8959 Inside**

Press@RunDepth: psig @ 4534.00 ft (KB)  
 Start Date: 2022.05.02 End Date: 2022.05.02  
 Start Time: 11:00:01 End Time: 17:36:50  
 Capacity: 8000.00 psig  
 Last Calib.: 2022.05.02  
 Time On Btm:  
 Time Off Btm:

TEST COMMENT: 30-IF-B.O.B (11 inches) @ 16 mins (Blow increased to 13 1/2")  
 30-ISI-No return  
 30-FF-Blow built to 3/4" & reduced to 1/2"  
 30-FSI-No return

Pressure vs. Time



## PRESSURE SUMMARY

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

## Recovery

Length (ft)	Description	Volume (bbl)
269.00	OSMCW 2%O, 20%M, 78%W	1.61
1.00	CO 100%O	0.01

\* 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 INC

**28-20S.-34W. Scott, KS**

4924 SE 84Th ST  
New ton, KS 67114

**Kelly Crist #3**

Job Ticket: 68439

**DST#: 2**

ATTN: Ryan Seib

Test Start: 2022.05.02 @ 11:00:00

### Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

23000 ppm

Viscosity: 56.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.99 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4500.00 ppm

Filter Cake: 1.00 inches

### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
269.00	OSMCW 2%O, 20%M, 78%W	1.605
1.00	CO 100%O	0.014

Total Length: 270.00 ft      Total Volume: 1.619 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

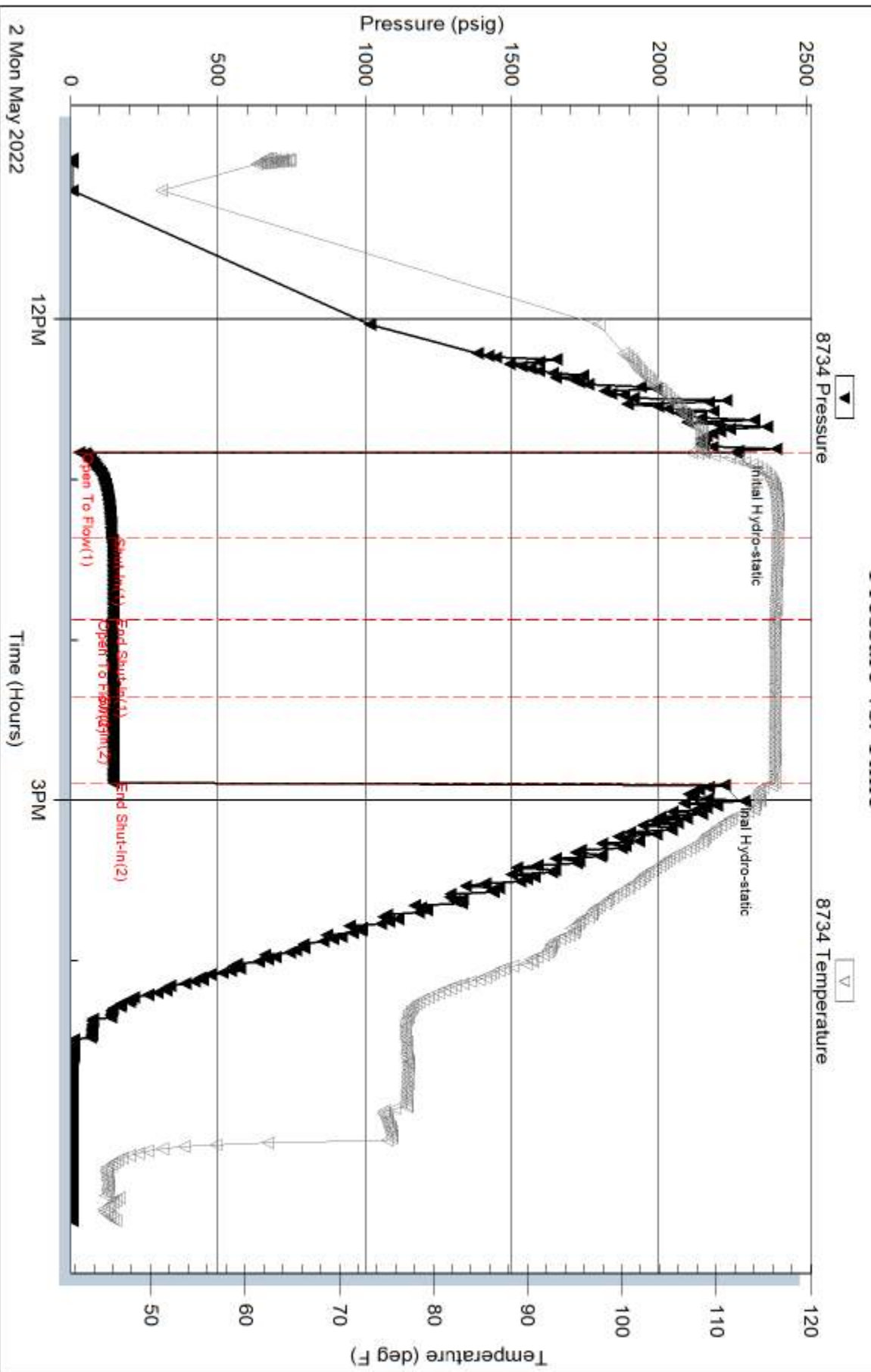
Laboratory Name:

Laboratory Location:

Recovery Comments: RW=.485 @ 54.5 degs= 23,000 PPM

Not enough oil to catch a gravity

### Pressure vs. Time





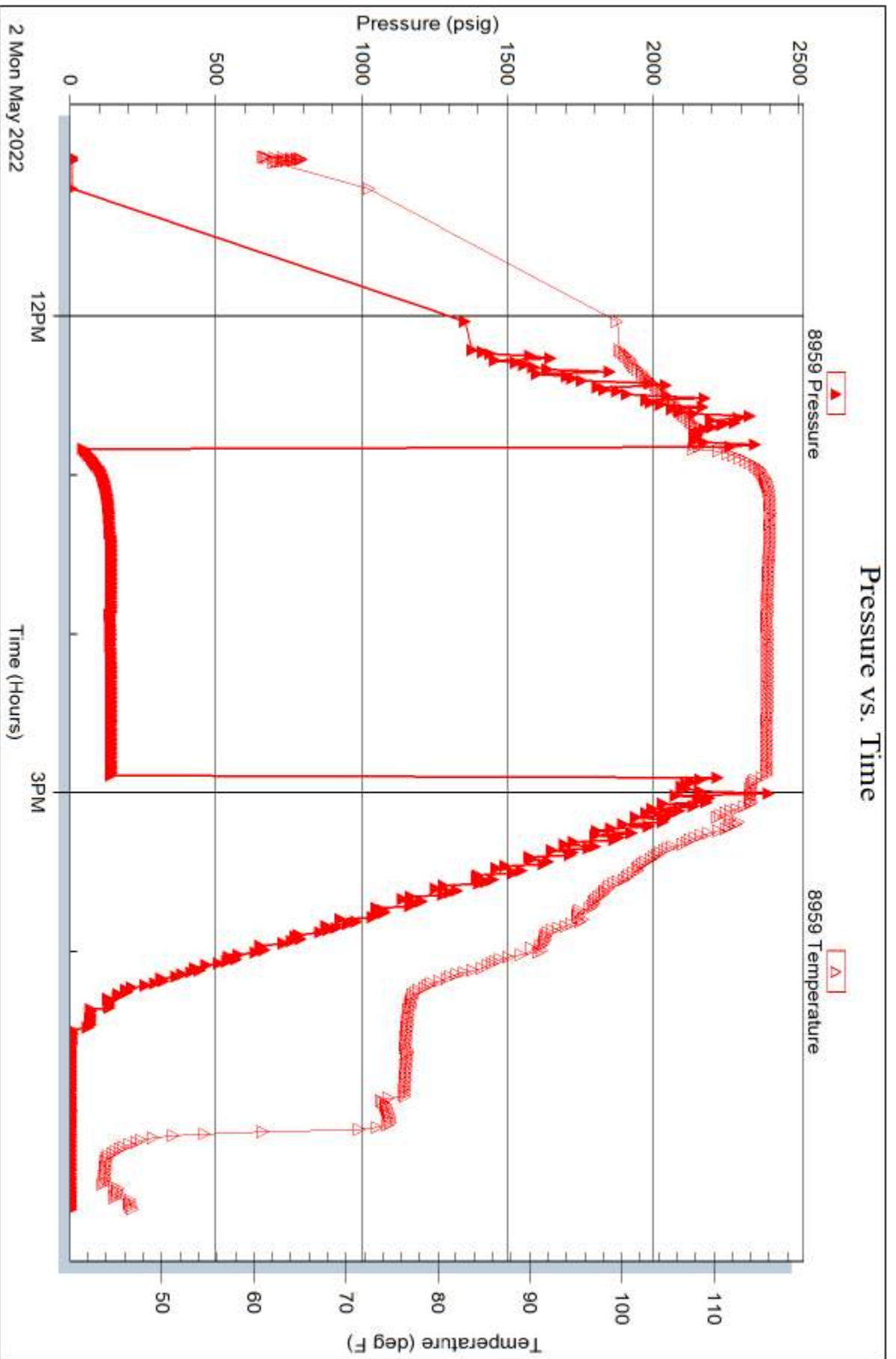
Serial #: 8959

Inside

Palomino Petroleum INC

Kelly Crst #3

DST Test Number: 2



Trilobite Testing, Inc

Ref. No: 68439

Printed: 2022.05.02 @ 21:44:46



**TRILOBITE TESTING, INC**

# DRILL STEM TEST REPORT

Palomino Petroleum INC

**28-20S.-34W. Scott, KS**

4924 SE 84Th ST  
New ton, KS 67114

**Kelly Crist #3**

Job Ticket: 68440

**DST#: 3**

ATTN: Ryan Seib

Test Start: 2022.05.03 @ 01:47:00

## GENERAL INFORMATION:

Formation: **Pawnee**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 04:40:20

Time Test Ended: 09:12:39

Test Type: Conventional Bottom Hole (Reset)

Tester: Martine Salinas

Unit No: 66

**Interval: 4580.00 ft (KB) To 4610.00 ft (KB) (TVD)**

Reference Elevations: 3090.00 ft (KB)

Total Depth: 4610.00 ft (KB) (TVD)

3087.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 3.00 ft

**Serial #: 8734 Outside**

Press@RunDepth: 27.81 psig @ 4581.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2022.05.03

End Date:

2022.05.03

Last Calib.: 2022.05.03

Start Time: 01:47:01

End Time:

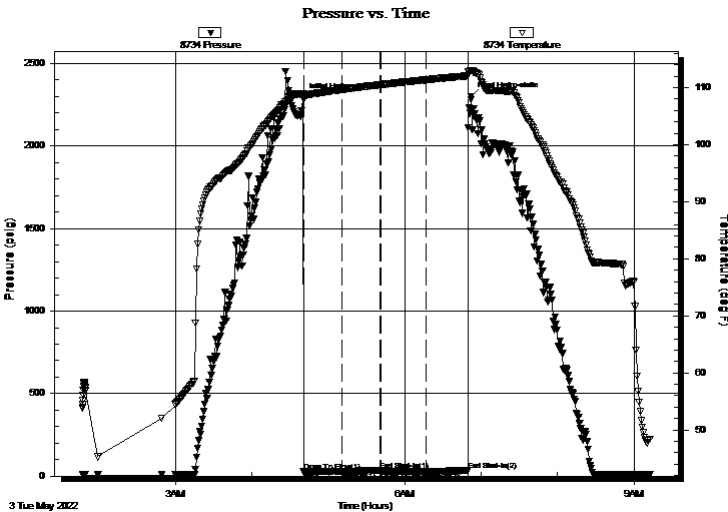
09:12:40

Time On Btm: 2022.05.03 @ 04:40:10

Time Off Btm: 2022.05.03 @ 06:51:50

TEST COMMENT: 30-IF-Weak surface blow dead @ 20 mins  
30-ISI-No return  
30-FF-No blow  
30-FSI-No return

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2296.32	108.92	Initial Hydro-static
1	26.07	108.00	Open To Flow (1)
31	28.46	109.65	Shut-In(1)
61	36.99	110.49	End Shut-In(1)
61	26.43	110.49	Open To Flow (2)
97	27.81	111.35	Shut-In(2)
130	34.24	112.05	End Shut-In(2)
132	2300.67	112.94	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
2.00	100% Mud	0.01

## Gas Rates

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

\* Recovery from multiple tests



**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

Palomino Petroleum INC

**28-20S.-34W. Scott, KS**

4924 SE 84th ST  
New ton, KS 67114

**Kelly Crist #3**

Job Ticket: 68440

**DST#: 3**

ATTN: Ryan Seib

Test Start: 2022.05.03 @ 01:47:00

### GENERAL INFORMATION:

Formation: **Pawnee**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 04:40:20

Time Test Ended: 09:12:39

Test Type: Conventional Bottom Hole (Reset)

Tester: Martine Salinas

Unit No: 66

Interval: **4580.00 ft (KB) To 4610.00 ft (KB) (TVD)**

Reference Elevations: 3090.00 ft (KB)

Total Depth: 4610.00 ft (KB) (TVD)

3087.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 3.00 ft

**Serial #: 8959** Inside

Press@RunDepth: psig @ 4581.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2022.05.03

End Date:

2022.05.03

Last Calib.:

2022.05.03

Start Time: 01:47:01

End Time:

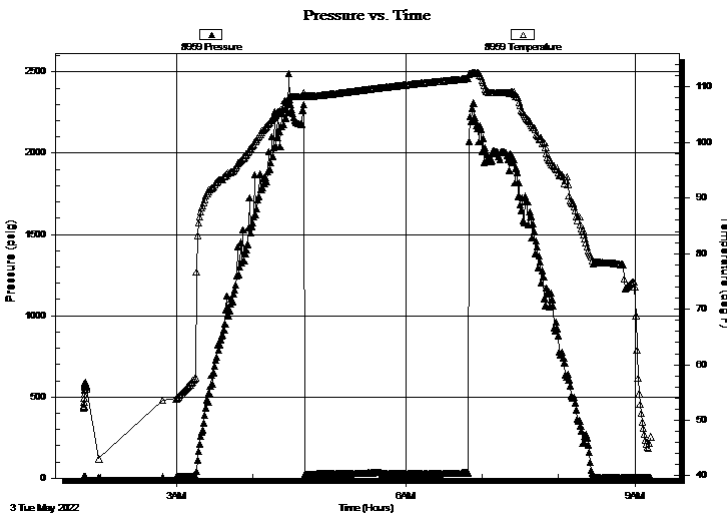
09:12:30

Time On Btm:

Time Off Btm:

TEST COMMENT: 30-IF-Weak surface blow dead @ 20 mins  
30-ISI-No return  
30-FF-No blow  
30-FSI-No return

### PRESSURE SUMMARY



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

### Recovery

Length (ft)	Description	Volume (bbl)
2.00	100% Mud	0.01

### 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 INC

**28-20S.-34W. Scott, KS**

4924 SE 84Th ST  
New ton, KS 67114

**Kelly Crist #3**

Job Ticket: 68440

**DST#: 3**

ATTN: Ryan Seib

Test Start: 2022.05.03 @ 01:47:00

### Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 53.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.99 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4500.00 ppm

Filter Cake: 1.00 inches

### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
2.00	100% Mud	0.010

Total Length: 2.00 ft      Total Volume: 0.010 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

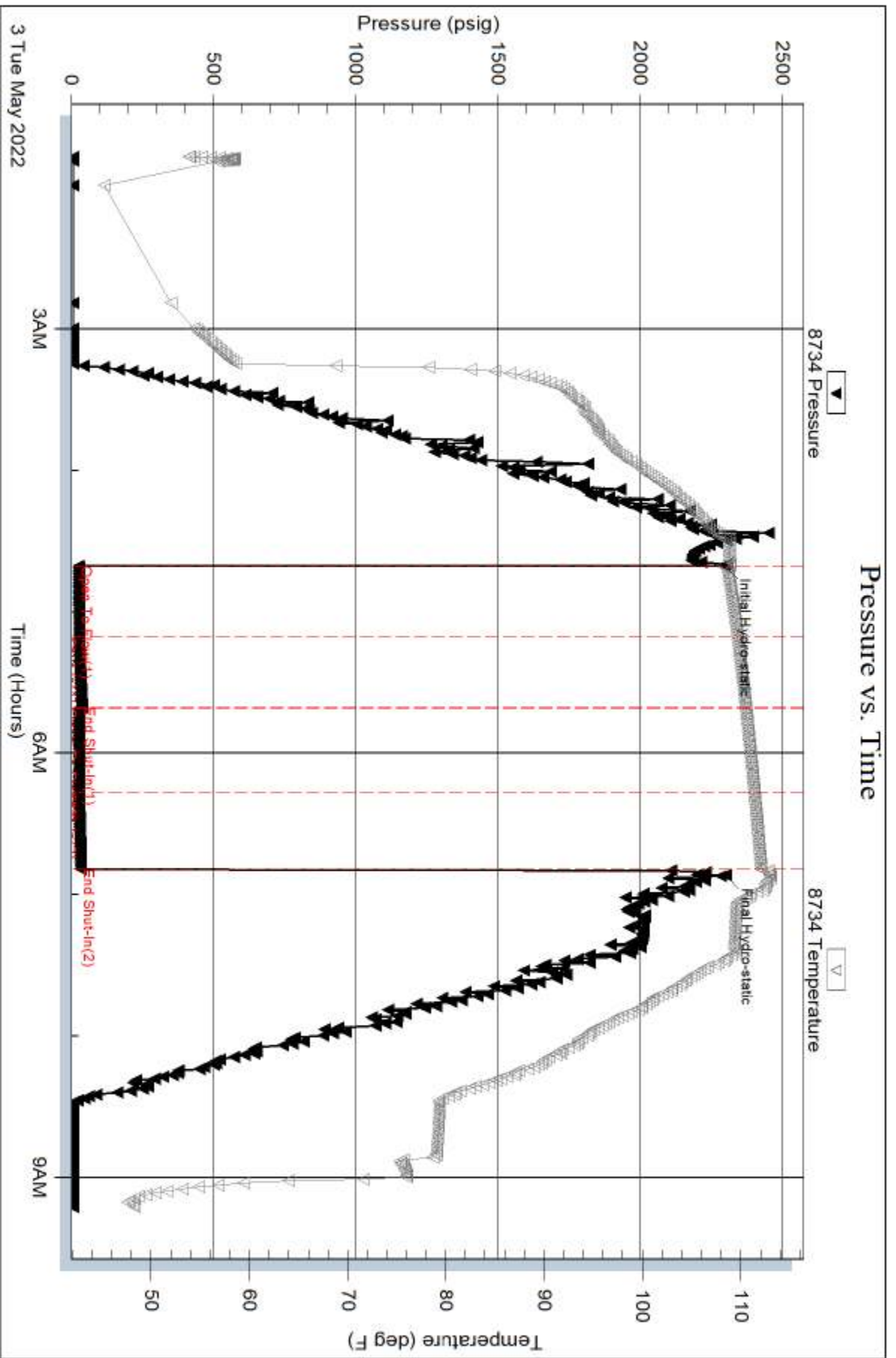
Recovery Comments:

Serial #: 8734

Outside Palomino Petroleum INC

Kelly Crst #3

DST Test Number: 3



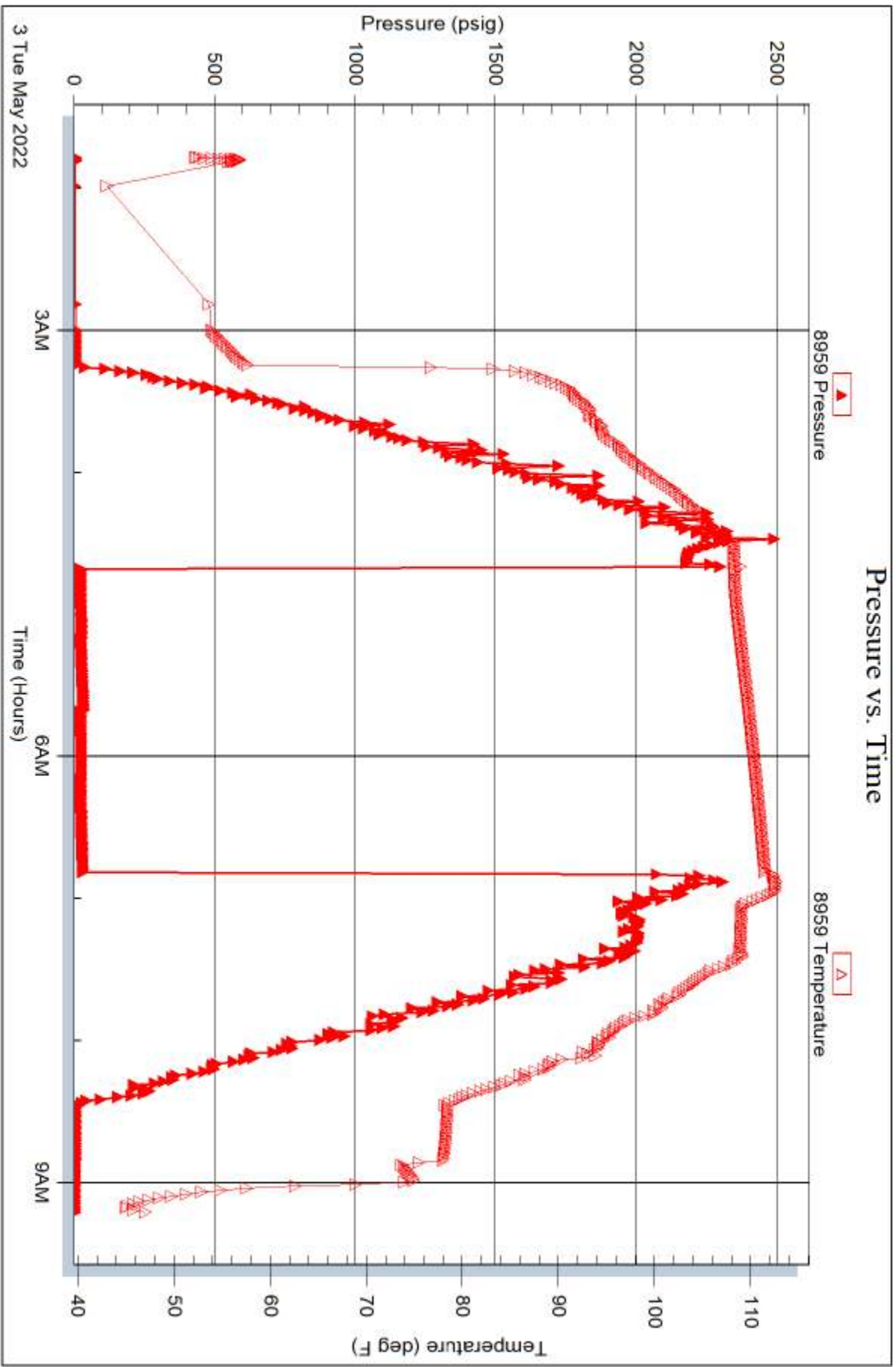
Serial #: 8959

Inside

Palomino Petroleum INC

Kelly Crst #3

DST Test Number: 3

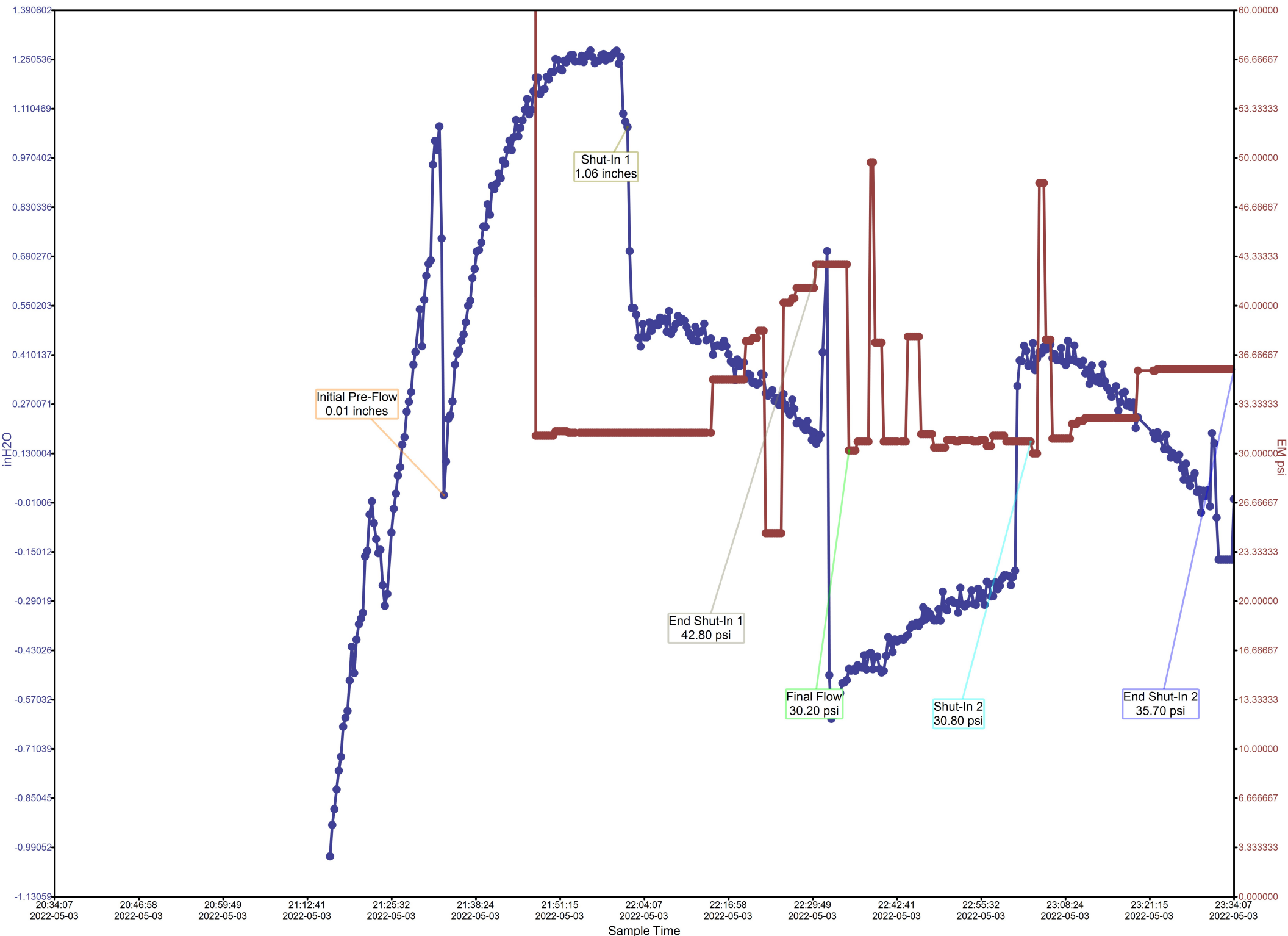


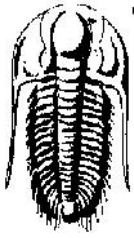
Tribble Testing, Inc

Ref. No: 68440

Printed: 2022.05.03 @ 10:08:38

# Palomino Petroleum - Kelly Crist 3 - DST #4





**TRILOBITE  
TESTING, INC.**

DR 0000 0000M 00000 R0000R0

000000 00000000 00

**28-20S.-34W. Scott, KS**

0920 00800h 00  
000 000000 67110

**Kelly Crist #3**

000 000000 68001

**DST#: 4**

00000 R0000 0000

00000000 2022.05.03 0 19:10:00

0000R00 0000RM0000 00

00000000 **Myrick/Ft. Scott**

D00000d0 00 0h000000 000000

000 000000 0000d0 21:31:10

000 000000d0 02:00:30

00000000 0000000000000000 H00 (R00000

00000r M0r000 0000000

000000 66

**Interval: 4606.00 ft (KB) To 4666.00 ft (KB) (TVD)**

R000r0000 0000000000 3090.00 000000

0000D000h0 0666.00 000000 000D0

3087.00 000000

H000D0000r0 7.88 00h00H000 0000d00000 000d

00 00 R0000 3.00 00

**Serial #: 8734**

**Outside**

0r0000 R00D000h0 29.66 0000 0 0607.00 000000

00000000 8000.00 0000

000r0D0000 2022.05.03 000d D0000 2022.05.00

00000000 2022.05.00

000r000000 19:10:01 000d 00000 02:00:30

000 00 0000 2022.05.03 0 21:31:00

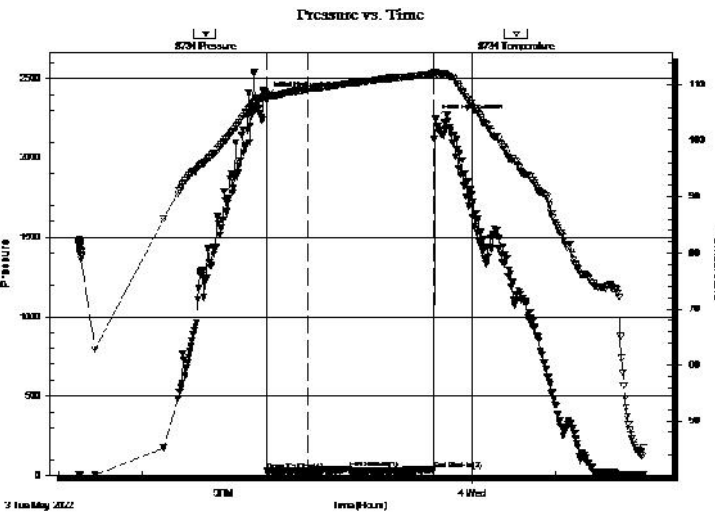
000 00 0000 2022.05.03 0 23:33:09

0000 00MM0000 30-0-0000 00000 12" 0r0d000d 00 000000 0000

30-0-0000 r0000r0

30-0-00 0000

30-0-0000 0000



0R0000R0 00MM0R0

0000	0r0000r0	0000	00000000
M0000	000000	d00000	00000000
0	2392.07	108.36	0000H0dr0-000000
1	29.17	107.37	0000 00 0000 10
30	30.65	109.19	0h000010
60	02.70	110.19	00d 0h000010
61	28.91	110.19	0000 00 0000 20
90	29.66	111.10	0h000020
121	38.17	111.85	00d 0h000020
123	2205.96	112.08	0000H0dr0-000000

R00000r0

0 00 R0000

0000h 00	D0000000	000000 0000
3.00	1000 M0d	0.01

	0h00000h00	0r0000r0 000000	000R000M0d0

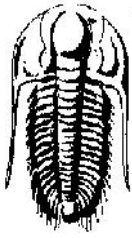
0R00000r0 00000000

00000000 0000000000

R000 000 68001

0r0000d0 2022.05.00 00 07:11:51





TRILOBITE TESTING, INC.

DR 0000 0000M 00000 R 0000 R 0

000000 00000000 00

28-20S.-34W. Scott, KS

920 00800h 00  
000 000000 67110

Kelly Crist #3

000 000000 68001

DST#: 4

000000 R 0000 0000

00000000000 2022.05.03 191000

0000R00 0000RM0000 00

000000000 Myrick/Ft. Scott

D00000000 00 0h0000000 000000

000 0000000000000 21:31:10

000 00000000000 02:00:30

Interval: 4606.00 ft (KB) To 4666.00 ft (KB) (TVD)

0000D0000 0666.00 00000 000D

H000D000000 7.88 00h00H000 000000 0000

000000000 0000000000000000 H000 (R000000)

00000000 M00000 00000000

00000000 66

R000000000 3090.00 000000

3087.00 000000

00 00 R0000 3.00 00

Serial #: 8959 Inside

000000 R00D00000 0000 0 0607.00 000000

000000D0000 2022.05.03 000D 00000 2022.05.00

000000000 191001 000 00000 2022.05.00 02:00:20

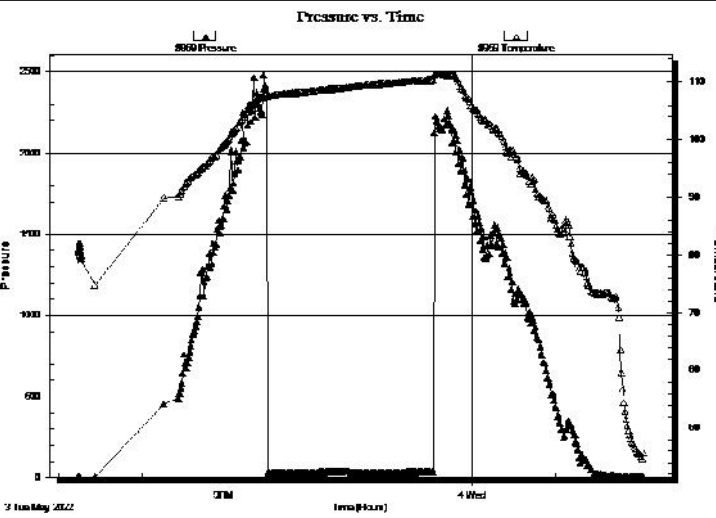
000000000 8000.00 0000

000000000 2022.05.00

000000000

000000000

0000 00MM0000 30-0-0000 00000 12" 0 r000000 0000000000  
30-0-0000 r00000  
30-0-0000 0000  
30-0-0000 0000



0R0000R 00MM0R

0000	00000000	0000	0000000000
M000	000000	d0000	

R0000000

00000 00	D00000000	000000 0000
3.00	1000 M00	0.01

000 R0000

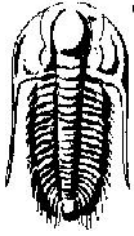
	0h00000000	0000000000	000R000M000
--	------------	------------	-------------

0R00000000 0000000000

00000000 0000000000

R000 000 68001

0000000 2022.05.00 07:11:51



TRILOBITE TESTING, INC.

DR 0000 0000M 00000 R0000R0

FLUID SUMMARY

000000 00000000 00

28-20S.-34W. Scott, KS

0920 00800h 00

Kelly Crist #3

000 000000 67110

000 000000 68001

DST#: 4

00000 R000 0000

00000000r0 2022.05.03 0 190000

Mud and Cushion Information

Mud 00000 0000h00	000h00 00000	0 00000	d00 000
Mud 0 00h00	9.00 00000	000h00 00000h0	00 0 00r 00000000
0 00000000	5.00 000000	000h00 0 000000	000
0 00r 00000	9.59 00 <sup>9</sup>	0 00 000h00 000000	
R000000000	ch0.0	0 00 000h00 0r000000	0000
00000000	5000.00 000		
0000r 00000	1.00 00h00		

Recovery Information

R00000r0 00000

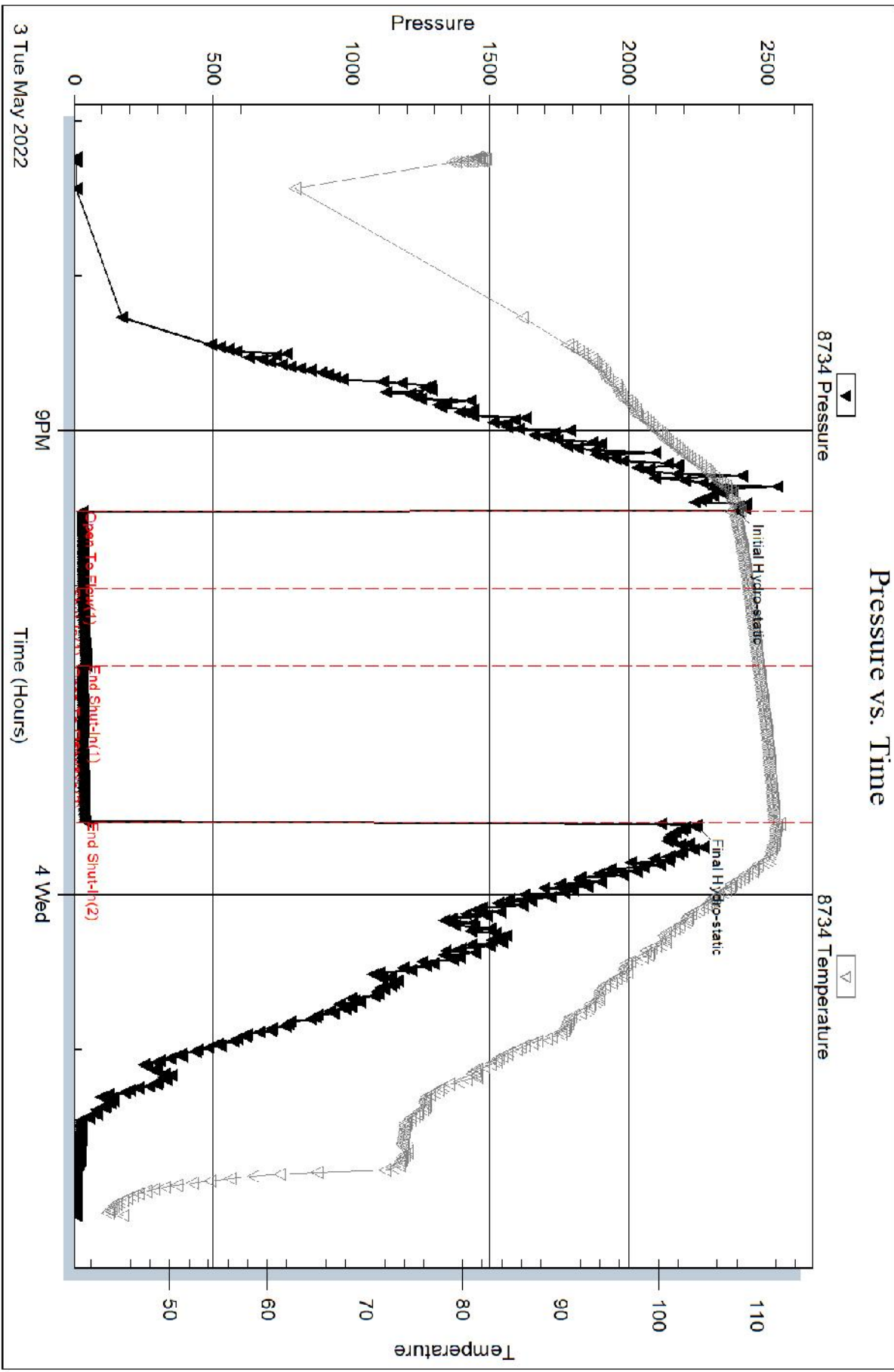
00000h 00	D000r00000	0 00000 000
3.00	1000 Mud	0.015

000000000h0 3.00 00 000000 00000 0.015 000

000 000d 00000000 000 000 000000 0 00r00000

00000000r0 000000 00000000r0 0000000000

R00000r0 0000000000



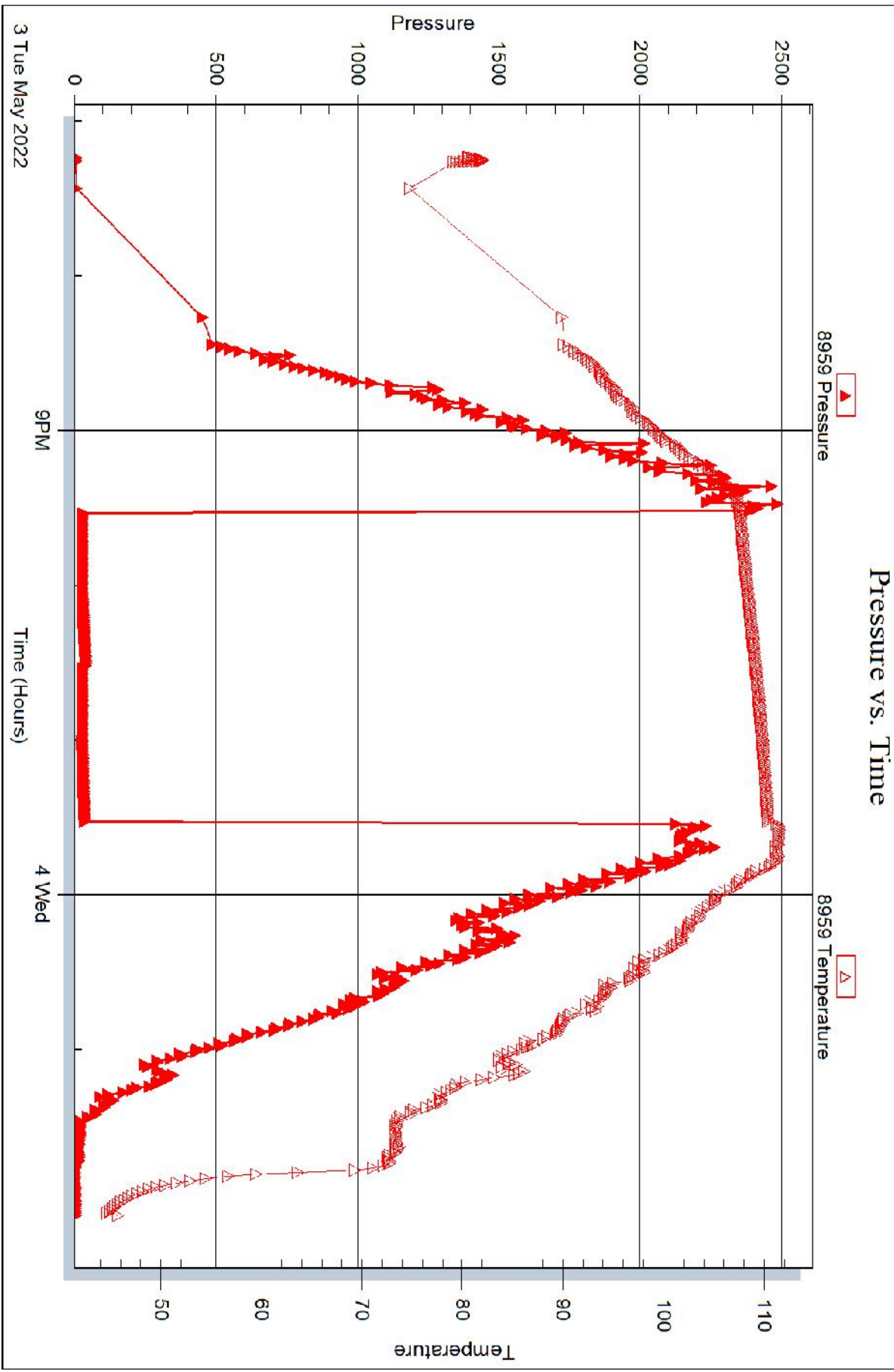
Serial #: 8959

Inside

Palomino Petroleum INC

Kelly Crist #3

DST Test Number: 4



Trilobite Testing, Inc

Ref. No: 68441

Printed: 2022.05.04 @ 07:11:52

Conservation Division  
266 N. Main St., Ste. 220  
Wichita, KS 67202-1513



Phone: 316-337-6200  
Fax: 316-337-6211  
<http://kcc.ks.gov/>

Dwight D. Keen, Chair  
Susan K. Duffy, Commissioner  
Andrew J. French, Commissioner

Laura Kelly, Governor

August 29, 2022

Nick Gerstner  
Palomino Petroleum, Inc.  
4924 SE 84TH ST  
NEWTON, KS 67114-8827

Re: ACO-1  
API 15-171-21287-00-00  
KELLY CRIST 3  
NE/4 Sec.28-20S-34W  
Scott County, Kansas

Dear Nick Gerstner:

K.A.R. 82-3-107 provides for all completion information to be filed within 120 days of the spud date. Subsection(e)(2) of that regulation states "All rights to confidentiality shall be lost if the filings are not timely."

The above referenced well was spudded on 4/26/2022 and the ACO-1 was received on August 29, 2022 (not within the 120 days timely requirement).

Therefore, your request for confidential treatment of data contained within the ACO-1 filing cannot be granted at this time.

If you should have any questions, please do not hesitate to contact me at (316)337-6200.

Sincerely,

Production Department