KOLAR Document ID: 1599895

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 # 30742
Name: Palomino Petroleum, Inc.
Address 1: 4924 SE 84TH ST
Address 2:
City: NEWTON State: KS Zip: 67114 + 8827
Contact Person: Nick Gerstner
Phone: (316) 799-1000
CONTRACTOR: License # 30606
Name: Murfin Drilling Co., Inc.
Wellsite Geologist: Ryan Seib
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 #:

10/7/2021 Spud Date or Recompletion Date
10/12/2021 Date Reached TD
10/12/2021 Completion Date or Recompletion Date

API No.: 15-135-26124-00-00
Spot Description:
NE - NW - NW - SW Sec. 22 Twp. 17 S. R. 25 ☐ East ☑ West
2384 Feet from ☐ North / ☑ South Line of Section
380 Feet from ☐ East / ☑ West Line of Section
Footages Calculated from Nearest Outside Section Corner:
☐ NE ☐ NW ☐ SE ☑ SW
GPS Location: Lat: *(e.g. xx.xxxxx)* , Long: *(e.g. -xxx.xxxxx)*
Datum: ☐ NAD27 ☐ NAD83 ☐ WGS84
County: Ness
Lease Name: LIVE AND LET DIE Well #: 1
Field Name:
Producing Formation: Mississippian
Elevation: Ground: 2458 Kelly Bushing: 2469
Total Vertical Depth: 4574 Plug Back Total Depth:
Amount of Surface Pipe Set and Cemented at: 250 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: 10000 ppm Fluid volume: 3420 bbls
Dewatering method used: Evaporated
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: 12/13/2021
☐ **Confidential Release Date:** 12/13/2023
☑ **Wireline Log Received** ☑ **Drill Stem Tests Received**
☑ **Geologist Report / Mud Logs Received**
☐ **UIC Distribution**
ALT ☐ I ☑ II ☐ III **Approved by:** Deanna Garrison **Date:** 12/14/2021

Operator Name: Palomino Petroleum, Inc. Lease Name: LIVE AND LET DIE Well #: 1

Sec. 22 Twp. 17 S. R. 25 ☐ East ☑ West County: Ness

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 *(Attach Additional Sheets)*	☑ Yes	☐ No	
Samples Sent to Geological Survey	☑ Yes	☐ No	
Cores Taken	☐ Yes	☑ No	
Electric Log Run	☑ Yes	☐ No	
Geologist Report / Mud Logs	☑ Yes	☐ No	

List All E. Logs Run:

Attached

☑ Log Formation (Top), Depth and Datum ☐ Sample

Name	Top	Datum
Attached	Attached	Attached

CASING RECORD ☑ New ☐ 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
Surface	12.25	8.625	23	250	H-325	175	H-325

ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
☐ Perforate ☐ Protect Casing ☐ Plug Back TD ☐ 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: ☐ Flowing ☐ Pumping ☐ Gas Lift ☐ Other *(Explain)*

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

DISPOSITION OF GAS:	METHOD OF COMPLETION:	PRODUCTION INTERVAL:
☐ Vented ☐ Sold ☐ Used on Lease *(If vented, Submit ACO-18.)*	☐ Open Hole ☐ Perf. ☐ Dually Comp. *(Submit ACO-5)* ☐ Commingled *(Submit ACO-4)*	Top / Bottom

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

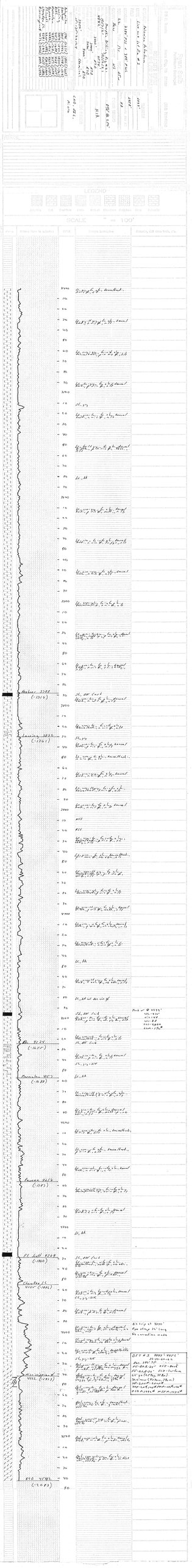
TUBING RECORD: Size: Set At: Packer At:

Mail to: KCC - Conservation Division, 266 N. Main, Suite 220, Wichita, Kansas 67202

Form	ACO1 - Well Completion
Operator	Palomino Petroleum, Inc.
Well Name	LIVE AND LET DIE 1
Doc ID	1599895

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement	Number of Sacks Used	Type and Percent Additives
Surface	12.25	8.625	23	250	H-325	175	H-325



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Palomino Petroleum, Inc.**

4924 SE 84th St.
Newton, KS 67114

ATTN: Ryan Seib

Live and Let Die #1

22-17s-25w Ness,KS

Start Date: 2021.10.11 @ 12:21:00
End Date: 2021.10.11 @ 21:07:45
Job Ticket #: 66972 DST #: 1

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

Printed: 2021.10.13 @ 13:32:16

DRILL STEM TEST REPORT

Palomino Petroleum, Inc.

4924 SE 84th St.
New ton, KS 67114

ATTN: Ryan Seib

22-17s-25w Ness,KS

Live and Let Die #1

Job Ticket: 66972 **DST#: 1**

Test Start: 2021.10.11 @ 12:21:00

GENERAL INFORMATION:

Formation: **Mississippian**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 15:08:00
Time Test Ended: 21:07:45

Test Type: Conventional Bottom Hole (Initial)
Tester: Bradley Walter
Unit No: 78

Interval: 4443.00 ft (KB) To 4452.00 ft (KB) (TVD)
Total Depth: 4452.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good

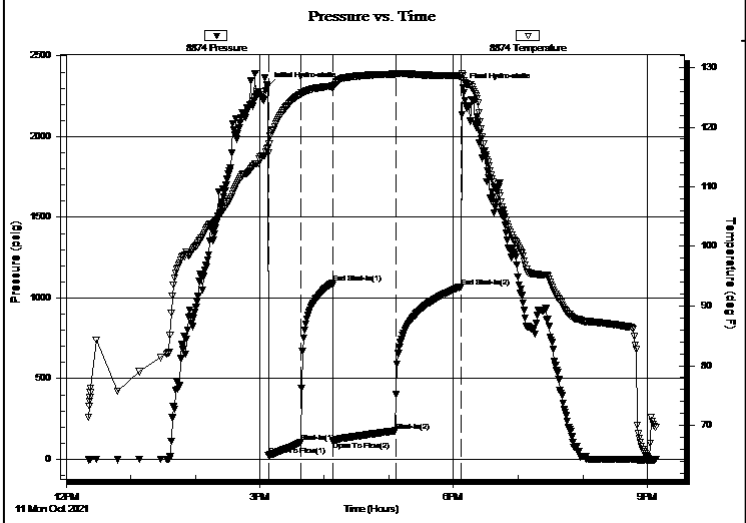
Reference Elevations: 2469.00 ft (KB)
2458.00 ft (CF)
KB to GR/CF: 11.00 ft

Serial #: 8874 **Inside**

Press@RunDepth: 176.43 psig @ 4444.00 ft (KB)
Start Date: 2021.10.11 End Date: 2021.10.11
Start Time: 12:21:05 End Time: 21:07:45

Capacity: 8000.00 psig
Last Calib.: 2021.10.11
Time On Btm: 2021.10.11 @ 15:07:30
Time Off Btm: 2021.10.11 @ 18:08:45

TEST COMMENT: IF: BOB @ 29 min- 10.4 blow .
ISI: No return.
FF: BOB @ 36 minutes. 17" blow .
FSI: .15" return, died @ 15 min. 30-30-60-60



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2311.36	116.50	Initial Hydro-static
1	23.04	115.76	Open To Flow (1)
31	103.60	125.50	Shut-In(1)
60	1092.49	126.89	End Shut-In(1)
61	112.07	126.49	Open To Flow (2)
119	176.43	128.91	Shut-In(2)
180	1070.24	128.61	End Shut-In(2)
182	2305.10	128.62	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
320.00	smcw 3m 97w	2.30
60.00	go 25g 75o	0.84
0.00	40' GIP	0.00

Gas Rates

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

DRILL STEM TEST REPORT

Palomino Petroleum, Inc.

4924 SE 84th St.
New ton, KS 67114

ATTN: Ryan Seib

22-17s-25w Ness,KS

Live and Let Die #1

Job Ticket: 66972 **DST#: 1**

Test Start: 2021.10.11 @ 12:21:00

GENERAL INFORMATION:

Formation: **Mississippian**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 15:08:00
Time Test Ended: 21:07:45

Test Type: Conventional Bottom Hole (Initial)
Tester: Bradley Walter
Unit No: 78

Interval: 4443.00 ft (KB) To 4452.00 ft (KB) (TVD)
Total Depth: 4452.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good

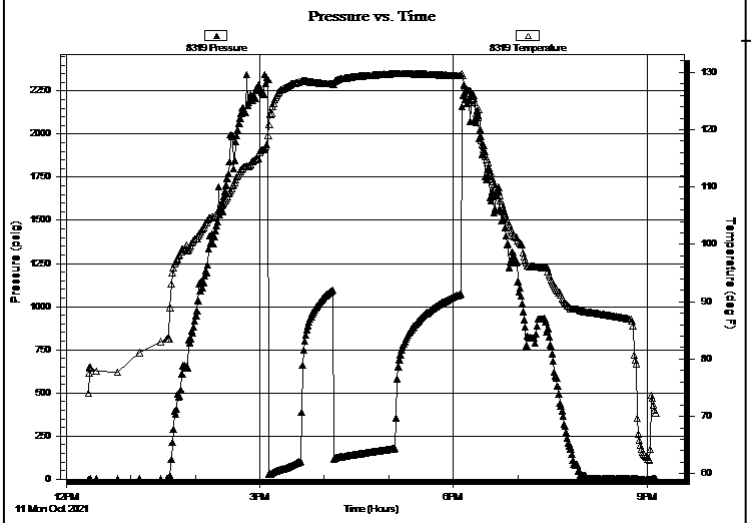
Reference Elevations: 2469.00 ft (KB)
2458.00 ft (CF)
KB to GR/CF: 11.00 ft

Serial #: 8319 **Outside**

Press@RunDepth: psig @ 4444.00 ft (KB)
Start Date: 2021.10.11 End Date: 2021.10.11
Start Time: 12:21:05 End Time: 21:08:00

Capacity: 8000.00 psig
Last Calib.: 1899.12.30
Time On Btm:
Time Off Btm:

TEST COMMENT: IF: BOB @ 29 min- 10.4 blow .
ISI: No return.
FF: BOB @ 36 minutes. 17" blow .
FSI: .15" return, died @ 15 min. 30-30-60-60



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
320.00	smcw 3m 97w	2.30
60.00	go 25g 75o	0.84
0.00	40' GIP	0.00

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

Palomino Petroleum, Inc.

4924 SE 84th St.
New ton, KS 67114

ATTN: Ryan Seib

22-17s-25w Ness,KS

Live and Let Die #1

Job Ticket: 66972 **DST#: 1**

Test Start: 2021.10.11 @ 12:21:00

Tool Information

Drill Pipe:	Length:	4187.00 ft	Diameter:	3.80	inches	Volume:	58.73	bbl	
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	0.00	inches	Volume:	0.00	bbl	
Drill Collar:	Length:	240.00 ft	Diameter:	2.25	inches	Volume:	1.18	bbl	
						Total Volume:	59.91	bbl	

Drill Pipe Above KB:	11.00 ft
Depth to Top Packer:	4443.00 ft
Depth to Bottom Packer:	ft
Interval betw een Packers:	9.00 ft
Tool Length:	36.00 ft
Number of Packers:	2 Diameter: 6.75 inches

Tool Weight:		2500.00 lb
Weight set on Packer:		25000.00 lb
Weight to Pull Loose:		80000.00 lb
Tool Chased		0.00 ft
String Weight:	Initial	68000.00 lb
	Final	69000.00 lb

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Change Over Sub	1.00			4417.00		
Shut In Tool	5.00		Fluid	4422.00		
Hydraulic tool	5.00			4427.00		
Jars	5.00			4432.00		
Safety Joint	2.00			4434.00		
Packer	5.00		Inside	4439.00	27.00	Bottom Of Top Packer
Packer	4.00			4443.00		
Stubb	1.00			4444.00		
Recorder	0.00	8874	Inside	4444.00		
Recorder	0.00	8319	Outside	4444.00		
Perforations	5.00			4449.00		
Bullnose	3.00			4452.00	9.00	Bottom Packers & Anchor
Total Tool Length:	**36.00**					

DRILL STEM TEST REPORT

FLUID SUMMARY

Palomino Petroleum, Inc.

4924 SE 84th St.
Newton, KS 67114

ATTN: Ryan Seib

22-17s-25w Ness,KS

Live and Let Die #1

Job Ticket: 66972 **DST#: 1**

Test Start: 2021.10.11 @ 12:21:00

Mud and Cushion Information

Mud Type:	Gel Chem	Cushion Type:		Oil API:	39 deg API
Mud Weight:	10.00 lb/gal	Cushion Length:	ft	Water Salinity:	49000 ppm
Viscosity:	51.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	9.99 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	3300.00 ppm				
Filter Cake:	1.00 inches				

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
320.00	smcw 3m 97w	2.302
60.00	go 25g 75o	0.842
0.00	40' GIP	0.000

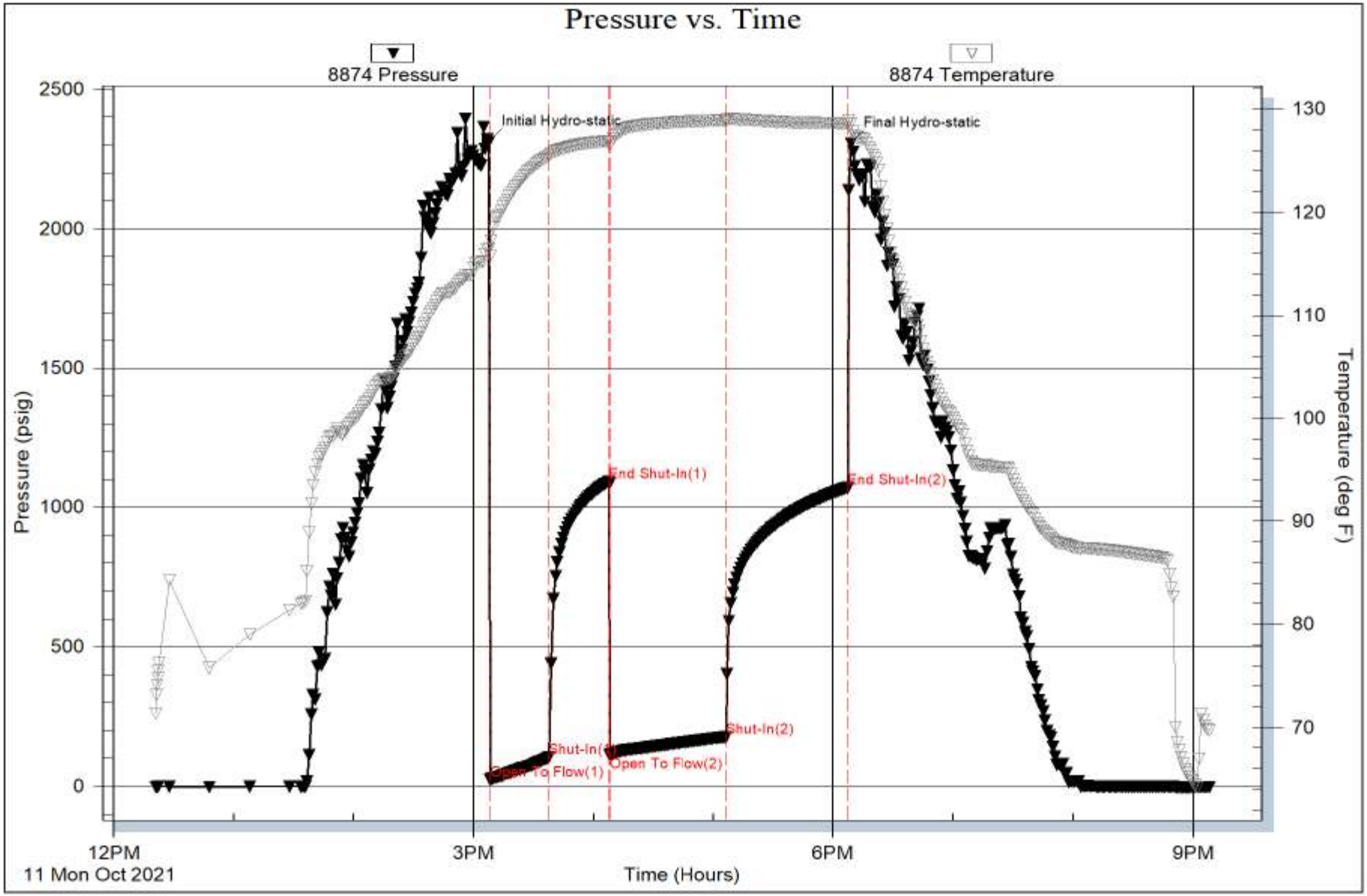
Total Length: 380.00 ft Total Volume: 3.144 bbl

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

Laboratory Name: Laboratory Location:

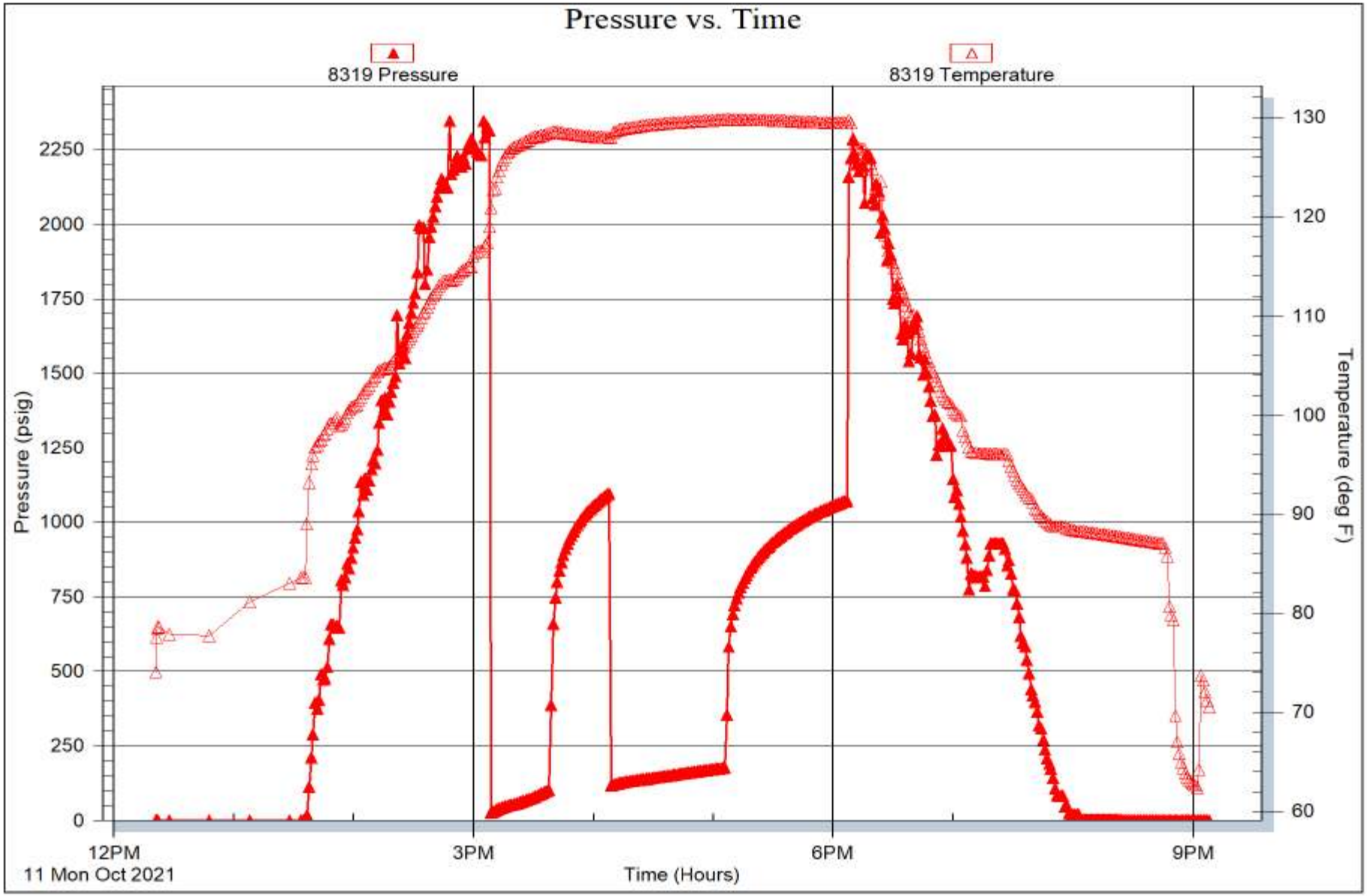
Recovery Comments: rw is .154 @ 67f = 49000ppm

Serial #: 8874 **Inside** Palomino Petroleum, Inc. Live and Let Die #1 DST Test Number: 1



Trilobite Testing, Inc Ref. No: 66972 Printed: 2021.10.13 @ 13:32:16

Serial #: 8319 **Outside** Palomino Petroleum, Inc. Live and Let Die #1 DST Test Number: 1



Trilobite Testing, Inc Ref. No: 66972 Printed: 2021.10.13 @ 13:32:17

TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

4/10

Test Ticket

NO. 66972

Well Name & No. Live and Let Die #1 Test No. 1 Date 10/11/2021

Company Palomino Petroleum, Inc Elevation 2469 KB 2458 GL

Address 4924 SE 84th St Newton, KS 67114

Co. Rep / Geo. Ryan Seib Rig Murfin 21

Location: Sec. 22 Twp 17S Rge. 25W Co. Ness State KS

Interval Tested 4443-4452 Zone Tested Mississippian

Anchor Length 9' Drill Pipe Run 4187 Mud Wt. 9.6

Top Packer Depth 4437 Drill Collars Run 240 Vis 51

Bottom Packer Depth 4443 Wt. Pipe Run 0 WL 10.0

Total Depth 4452 Chlorides 3300 ppm System LCM 1#

Blow Description IF BOB @ 29 min - 10.4" blow
ISI No return.
FF BOB @ 36 min - 17.0" blow
FSI Surface return - died @ 15 min.

Rec 60	Feet of GO	25 %gas	75 %oil	%water	%mud	
Rec 320	Feet of SMCW	%gas	%oil	97 %water	3 %mud	
Rec	Feet of 40' CIP	%gas	%oil	%water	%mud	
Rec	Feet of	%gas	%oil	%water	%mud	
Rec	Feet of	%gas	%oil	%water	%mud	

Rec Total 380 BHT 128 Gravity 39 API RW .154 @ 67 °F Chlorides 49000 ppm

(A) Initial Hydrostatic	2311	☐ Test 1450	T-On Location 1130
(B) First Initial Flow	23	☒ Jars 250	T-Started 1221
(C) First Final Flow	103	☒ Safety Joint 75	T-Open 1507
(D) Initial Shut-In	1092	☐ Circ Sub	T-Pulled 1807
(E) Second Initial Flow	112	☐ Hourly Standby	T-Out 2108
(F) Second Final Flow	176	☒ Mileage 106 RT X 2 265	Comments P/U Tools @ 10:00 am 10/12
(G) Final Shut-In	1070	☐ Sampler	
(H) Final Hydrostatic	2305	☐ Straddle	☐ EM Tool
		☐ Shale Packer	☐ Ruined Shale Packer
Initial Open	30	☐ Extra Packer	☐ Ruined Packer
Initial Shut-In	30	☐ Extra Recorder	☐ Extra Copies
Final Flow	60	☐ Day Standby	Sub Total 0
Final Shut-In	60	☐ Accessibility	Total 2040
		Sub Total 2040	MP/DST Disc't

Approved By Our Representative

HURRICANE SERVICES INC

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

RECEIVED
OCT 26 2021
BY:

Invoice Date:	10/7/2021
Invoice #:	0356180
Lease Name:	Live and Let Die
Well #:	1 (New)
County:	Ness, Ks
Job Number:	WP1962
District:	Oakley

Date/Description	HRS/QTY	Rate	Total
Surface	0.000	0.000	0.00
H-325	175.000	18.000	3,150.00
Light Eq Mileage	85.000	1.800	153.00
Heavy Eq Mileage	85.000	3.600	306.00
Ton Mileage	701.000	1.350	946.35
Depth Charge 0'-500'	1.000	900.000	900.00

cement for surface for #1
10/7

Total 5,455.35

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!

Hurricane Services, Inc.
250 N. Water St., Suite #200
Wichita, KS 67202

Customer	Palomino Petroleum		Lease & Well #	Live & Let Die #1		Date	10/7/2021
Service District	Oakley KS		County & State	Ness KS	Legals S/T/R	22-17S-25W	Job #
Job Type	Surface	☑ PROD ☐ INJ ☐ SWD			New Well?	☑ YES ☐ No	Ticket # WP-1962

Equipment #	Driver
78	Jesse J
231	Michael R
205	Jose

Job Safety Analysis - A Discussion of Hazards & Safety Procedures

☑ Hard hat	☑ Gloves	☐ Lockout/Tagout	☐ Warning Signs & Flagging
☑ H2S Monitor	☑ Eye Protection	☐ Required Permits	☐ Fall Protection
☑ Safety Footwear	☐ Respiratory Protection	☑ Slip/Trip/Fall Hazards	☑ Specific Job Sequence/Expectations
☑ FRC/Protective Clothing	☐ Additional Chemical/Acid PPE	☑ Overhead Hazards	☑ Muster Point/Medical Locations
☑ Hearing Protection	☐ Fire Extinguisher	☐ Additional concerns or issues noted below	

Comments

Product/ Service Code	Description	Unit of Measure	Quantity	List Price/Unit	Gross Amount	Item Discount	Net Amount
CP015	H-325	sack	175.00				$3,150.00
M015	Light Equipment Mileage	mi	85.00				$153.00
M010	Heavy Equipment Mileage	mi	85.00				$306.00
M020	Ton Mileage	tm	701.00				$946.35
D010	Depth Charge: 0'-500'	job	1.00				$900.00

Customer Section: On the following scale how would you rate Hurricane Services Inc.?		Gross:		Net:	$5,455.35
	Total Taxable	$ -	Tax Rate:		
Based on this job, how likely is it you would recommend HSI to a colleague? ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ Unlikely 1 2 3 4 5 6 7 8 9 10 Extremely Likely	State tax laws deem certain products and services used on new wells to be sales tax exempt. Hurricane Services relies on the customer provided well information above to make a determination if services and/or products are tax exempt.			Sale Tax:	$ -
				Total:	$ 5,455.35
	HSI Representative: *Jesse Jones*				

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 ½% 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 fom 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 informaiton in determining taxable services.

X_____ **CUSTOMER AUTHORIZATION SIGNATURE**

CEMENT TREATMENT REPORT

Customer:	Palomino Petroleum	**Well:**	Live & Let Die #1	**Ticket:**	WP-1962
City, State:	Oakley KS	**County:**	Ness KS	**Date:**	10/7/2021
Field Rep:	Juan	**S-T-R:**	22-17S-25W	**Service:**	Surface

Downhole Information	
Hole Size:	12 1/4 in
Hole Depth:	250 ft
Casing Size:	8 5/8 in
Casing Depth:	248 ft
Tubing / Liner:	in
Depth:	ft
Tool / Packer:	
Tool Depth:	ft
Displacement:	14.7 bbls

Calculated Slurry - Lead	
Blend:	H-325
Weight:	14.8 ppg
Water / Sx:	6.9 gal / sx
Yield:	1.41 ft^3 / sx
Annular Bbls / Ft.:	0.0735 bbs / ft.
Depth:	250 ft
Annular Volume:	18.4 bbls
Excess:	125%
Total Slurry:	41.3 bbls
Total Sacks:	175 sx

Calculated Slurry - Tail	
Blend:	
Weight:	ppg
Water / Sx:	gal / sx
Yield:	ft^3 / sx
Annular Bbls / Ft.:	bbs / ft.
Depth:	ft
Annular Volume:	0 bbls
Excess:	
Total Slurry:	0.0 bbls
Total Sacks:	0 sx

TIME	RATE	PSI	STAGE BBLs	TOTAL BBLs	REMARKS
2:50p.m.			-	-	Arrival
2:55p.m.				-	Safety meeting
3:00p.m.				-	Rig up
4:33p.m.				-	Circulate
4:42p.m.	4.1	150.0	5.0	5.0	H2O ahead
4:44p.m.	4.5	320.0	43.9	48.9	Mixed 175 sks @ 14.8 @ 250'
4:59p.m.	4.0	290.0	14.7	63.6	Displaced with H2O
5:10p.m.				63.6	Wash up
5:17 p.m.				63.6	Rig Down
5:30p.m.				63.6	Depart location
				63.6	

	CREW	UNIT
Cementer:	Jesse J	78
Pump Operator:	Michael R	231
Bulk #1:	Jose	205
Bulk #2:		

SUMMARY		
Average Rate	Average Pressure	Total Fluid
4.2 bpm	253 psi	64 bbls

ftv: 13-2021/01/19
mplv: 87-2021/01/11