

Confidentiality Requested:

Yes  No

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

Form ACO-1

January 2018

Form must be Typed

Form must be Signed

All blanks must be Filled

WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

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

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

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

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

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

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

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

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

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

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

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

Designate Type of Completion:

New Well  Re-Entry  Workover

Oil  WSW  SWD

Gas  DH  EOR

OG  GSW

CM (Coal Bed Methane)

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

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

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

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

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

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

Plug Back  Liner  Conv. to GSW  Conv. to Producer

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

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

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

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

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

Spud Date or Date Reached TD Completion Date or Recompletion Date

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

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

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

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

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

Footages Calculated from Nearest Outside Section Corner:

NE  NW  SE  SW

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

Datum:  NAD27  NAD83  WGS84

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

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

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

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

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

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

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

Multiple Stage Cementing Collar Used?  Yes  No

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

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

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

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

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

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

Location of fluid disposal if hauled offsite:

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

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

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

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

AFFIDAVIT

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

Submitted Electronically

KCC Office Use ONLY

Confidentiality Requested

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

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

Wireline Log Received  Drill Stem Tests Received

Geologist Report / Mud Logs Received

UIC Distribution

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

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

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

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

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

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

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

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

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

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

TUBING RECORD:	Size:	Set At:	Packer At:	
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Form	ACO1 - Well Completion
Operator	Palomino Petroleum, Inc.
Well Name	PETE 2
Doc ID	1462476

All Electric Logs Run

Computer Processed Interpretation
Dual Receiver Cement Bond
Dual Comp Porosity
Micro Resistivity
Dual Induction

Form	ACO1 - Well Completion
Operator	Palomino Petroleum, Inc.
Well Name	PETE 2
Doc ID	1462476

Tops

Name	Top	Datum
Anhy.	1720	(+ 757)
Base Anhy.	1759	(+ 718)
Heebner	3826	(-1349)
Lansing	3869	(-1392)
BKC	4229	(-1752)
Marmaton	4264	(-1787)
Ft. Scott	4389	(-1912)
Cherokee Sh.	4415	(-1938)
Miss.	4485	(-2008)
LTD	4590	(-2113)







## DRILL STEM TEST REPORT

Prepared For: **Palomino Petroleum Inc**

4924 SE 84th st  
Newton 67114+8827

ATTN: Ryan Seib

**Pete #2**

**8-20s-25w Ness,KS**

Start Date: 2019.03.22 @ 05:56:01

End Date: 2019.03.22 @ 10:59:00

Job Ticket #: 64998                      DST #: 1

Trilobite Testing, Inc  
1515 Commerce Parkway Hays, KS 67601  
ph: 785-625-4778 fax: 785-625-5620

Printed: 2019.03.26 @ 10:36:45



# TRILLOBITE TESTING, INC.

## DRILL STEM TEST REPORT

Palomino Petroleum Inc

4924 SE 84th st  
New ton 67114+8827

ATTN: Ryan Seib

**8-20s-25w Ness,KS**

**Pete #2**

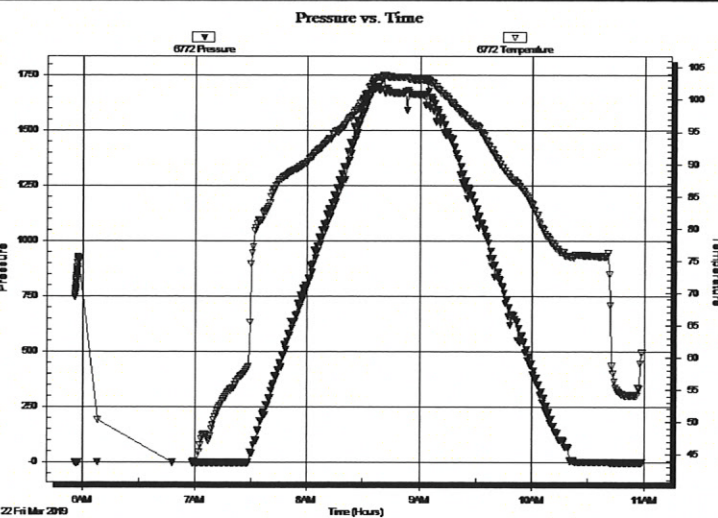
Job Ticket: 64998      **DST#: 1**  
Test Start: 2019.03.22 @ 05:56:01

**GENERAL INFORMATION:**

Formation: **Miss**  
Deviated: **No** Whipstock: **ft (KB)**      Test Type: Conventional Bottom Hole (Initial)  
Time Tool Opened:      Tester: **Benny Mulligan**  
Time Test Ended: **10:59:00**      Unit No: **66**  
**Interval: 4412.00 ft (KB) To 4499.00 ft (KB) (TVD)**      Reference Elevations: **2477.00 ft (KB)**  
Total Depth: **4499.00 ft (KB) (TVD)**      **2467.00 ft (CF)**  
Hole Diameter: **7.88 inches** Hole Condition: Fair      **KB to GR/CF: 10.00 ft**

**Serial #: 6772      Inside**  
Press@RunDepth:      psig @      4413.00 ft (KB)      Capacity:      8000.00 psig  
Start Date:      2019.03.22      End Date:      2019.03.22      Last Calib.:      2019.03.22  
Start Time:      05:56:01      End Time:      10:59:00      Time On Btm:       
Time Off Btm:

TEST COMMENT: Miss-run bridged out with 12 stands left



**PRESSURE SUMMARY**

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

**Recovery**

Length (ft)	Description	Volume (bbl)

**Gas Rates**

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



# TRILOBITE TESTING, INC.

## DRILL STEM TEST REPORT

Palomino Petroleum Inc

8-20s-25w Ness, KS

4924 SE 84th st  
New ton 67114+8827

Pete #2

Job Ticket: 64998

DST#: 1

ATTN: Ryan Seib

Test Start: 2019.03.22 @ 05:56:01

### GENERAL INFORMATION:

Formation: **Miss**

Deviated: No Whipstock: ft (KB)

Time Tool Opened:

Time Test Ended: 10:59:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Benny Mulligan

Unit No: 66

Interval: **4412.00 ft (KB) To 4499.00 ft (KB) (TVD)**

Reference Elevations: 2477.00 ft (KB)

Total Depth: 4499.00 ft (KB) (TVD)

2467.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 10.00 ft

**Serial #: 6769 Outside**

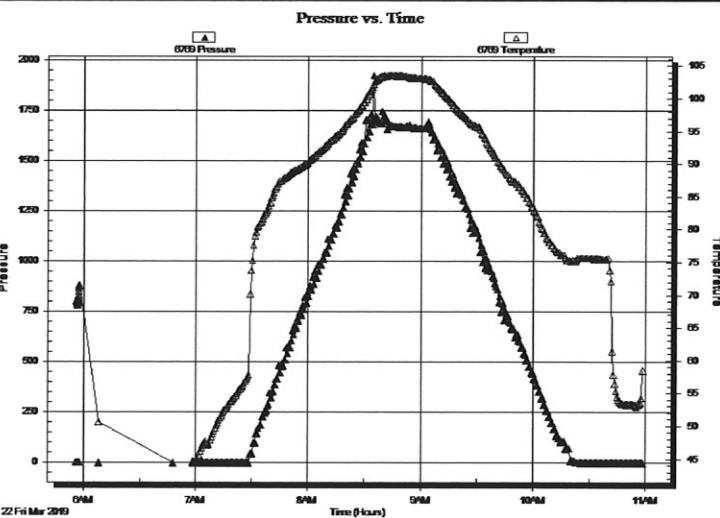
Press@RunDepth: psig @ 4413.00 ft (KB) Capacity: 8000.00 psig

Start Date: 2019.03.22 End Date: 2019.03.22 Last Calib.: 2019.03.22

Start Time: 05:56:01 End Time: 10:58:30 Time On Btm:

Time Off Btm:

TEST COMMENT: Miss-run bridged out w ith 12 stands left



### PRESSURE SUMMARY

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

### Recovery

Length (ft)	Description	Volume (bbl)

### Gas Rates

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





**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Palomino Petroleum Inc

**8-20s-25w Ness,KS**

4924 SE 84th st  
New ton 67114+8827

**Pete #2**

Job Ticket: 64998

**DST#: 1**

ATTN: Ryan Seib

Test Start: 2019.03.22 @ 05:56:01

## Tool Information

Drill Pipe:	Length: 4291.00 ft	Diameter: 3.80 inches	Volume: 60.19 bbl	Tool Weight:	2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer:	25000.00 lb
Drill Collar:	Length: 118.00 ft	Diameter: 2.25 inches	Volume: 0.58 bbl	Weight to Pull Loose:	85000.00 lb
		<u>Total Volume:</u>	60.77 bbl	Tool Chased	15.00 ft
Drill Pipe Above KB:	24.00 ft			String Weight: Initial	lb
Depth to Top Packer:	4412.00 ft			Final	lb
Depth to Bottom Packer:	ft				
Interval between Packers:	87.00 ft				
Tool Length:	114.00 ft				
Number of Packers:	2	Diameter:	6.75 inches		

Tool Comments: bridged out with 12 stands left in the board

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4386.00	
Shut In Tool	5.00			4391.00	
Hydraulic tool	5.00			4396.00	
Jars	5.00			4401.00	
Safety Joint	2.00			4403.00	
Packer	5.00			4408.00	27.00 Bottom Of Top Packer
Packer	4.00			4412.00	
Stubb	1.00			4413.00	
Recorder	0.00	6772	Inside	4413.00	
Recorder	0.00	6769	Outside	4413.00	
Perforations	17.00			4430.00	
Change Over Sub	1.00			4431.00	
Drill Pipe	64.00			4495.00	
Change Over Sub	1.00			4496.00	
Bullnose	3.00			4499.00	87.00 Bottom Packers & Anchor
<b>Total Tool Length:</b>	<b>114.00</b>				



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Palomino Petroleum Inc

**8-20s-25w Ness,KS**

4924 SE 84th st  
New ton 67114+8827

**Pete #2**

Job Ticket: 64998

**DST#: 1**

ATTN: Ryan Seib

Test Start: 2019.03.22 @ 05:56:01

## 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: 58.00 sec/qt

Cushion Volume:

bbf

Water Loss: 7.97 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4300.00 ppm

Filter Cake: 1.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbf

Total Length:                      ft

Total Volume:                      bbf

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



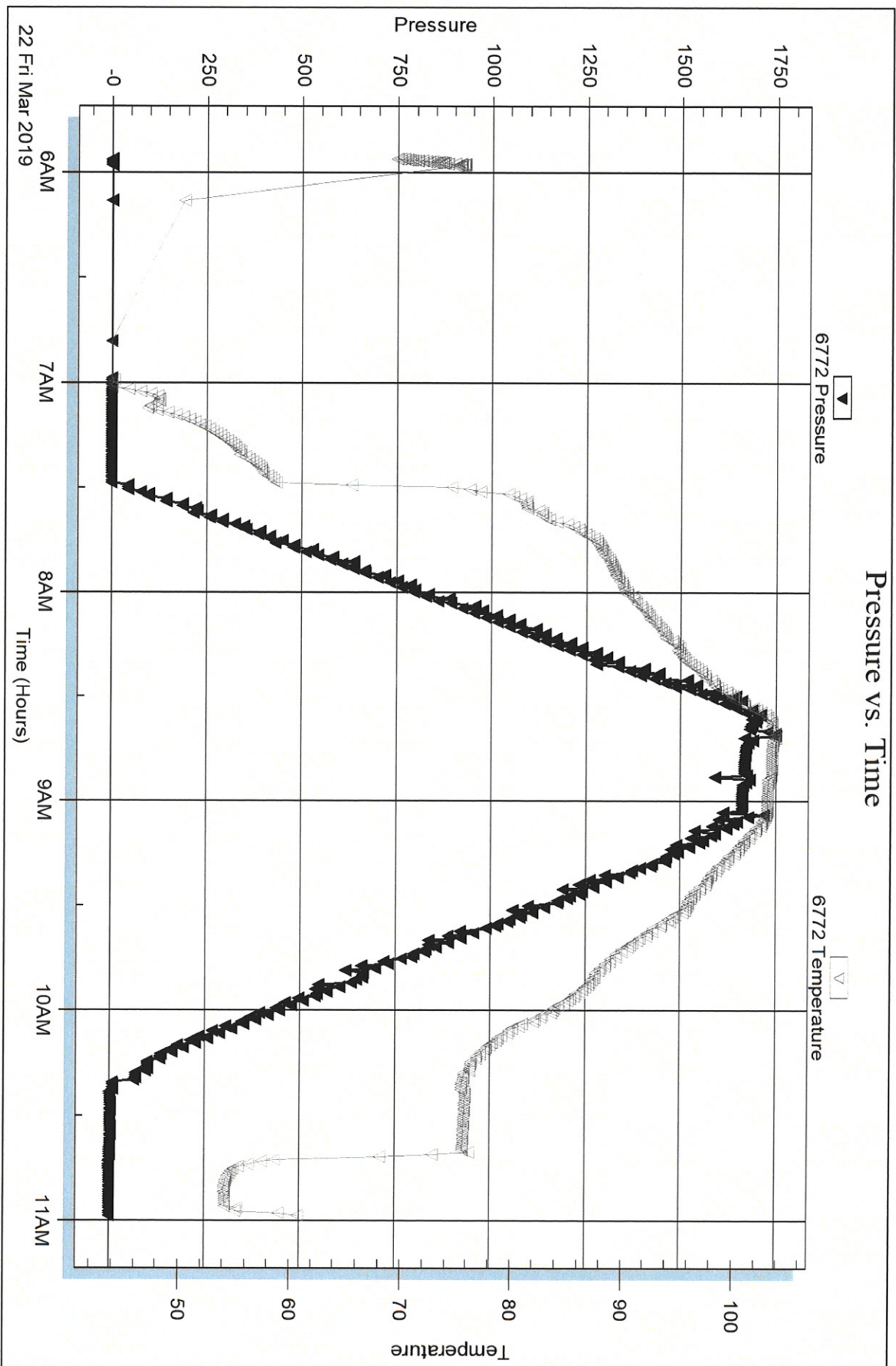
Serial #: 6772

Inside

Palomino Petroleum Inc

Pete #2

DST Test Number: 1



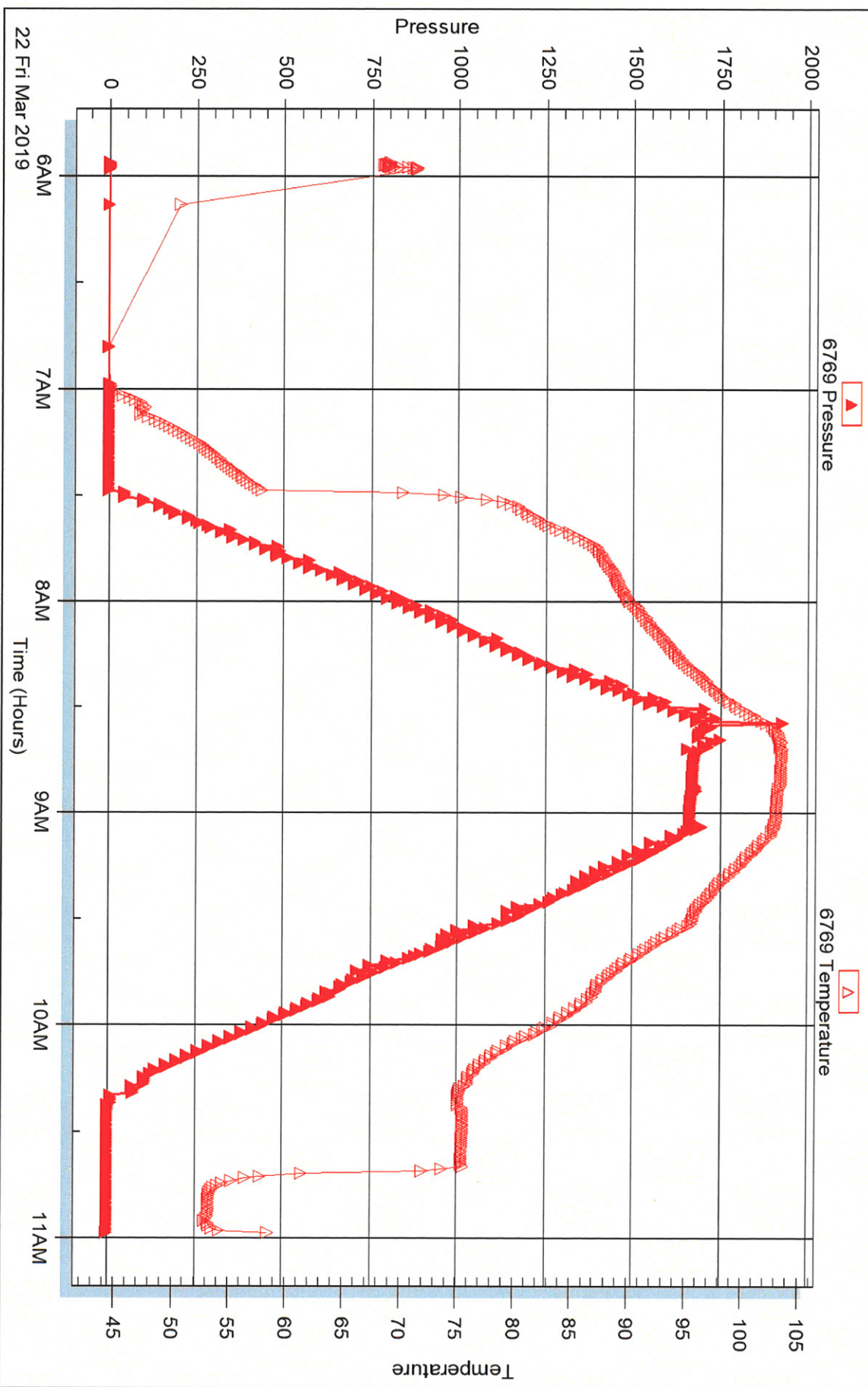
Serial #: 6769

Outside Palomino Petroleum Inc

Pete #2

DST Test Number: 1

### Pressure vs. Time



Trilobe Testing, Inc

Ref. No: 64998

Printed: 2019.03.26 @ 10:36:46





## DRILL STEM TEST REPORT

Prepared For: **Palomino Petroleum Inc**

4924 SE 84th st  
Newton 67114+8827

ATTN: Ryan Seib

**Pete #2**

**8-20s-25w Ness,KS**

Start Date: 2019.03.22 @ 17:19:00

End Date: 2019.03.23 @ 02:11:49

Job Ticket #: 64999                      DST #: 2

Trilobite Testing, Inc  
1515 Commerce Parkway Hays, KS 67601  
ph: 785-625-4778 fax: 785-625-5620

Printed: 2019.03.26 @ 10:36:27



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

Palomino Petroleum Inc

**8-20s-25w Ness,KS**

4924 SE 84th st  
New ton 67114+8827

**Pete #2**

Job Ticket: 64999

**DST#: 2**

ATTN: Ryan Seib

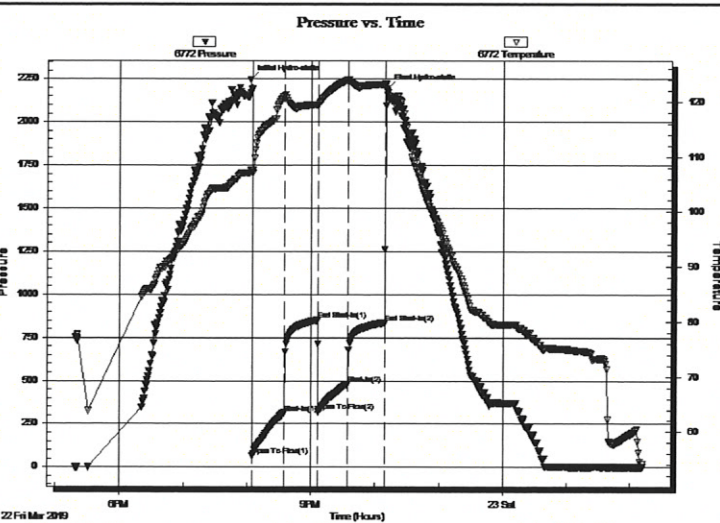
Test Start: 2019.03.22 @ 17:19:00

## GENERAL INFORMATION:

Formation: **Miss**  
 Deviated: No Whipstock: ft (KB)  
 Test Type: Conventional Bottom Hole (Initial)  
 Time Tool Opened: 20:04:30 Tester: Benny Mulligan  
 Time Test Ended: 02:11:49 Unit No: 66  
 Interval: **4412.00 ft (KB) To 4499.00 ft (KB) (TVD)** Reference Elevations: 2477.00 ft (KB)  
 Total Depth: 4499.00 ft (KB) (TVD) 2467.00 ft (CF)  
 Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 10.00 ft

**Serial #: 6772 Inside**  
 Press@RunDepth: 480.86 psig @ 4413.00 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2019.03.22 End Date: 2019.03.23 Last Calib.: 2019.03.23  
 Start Time: 17:19:01 End Time: 02:11:49 Time On Btm: 2019.03.22 @ 20:02:30  
 Time Off Btm: 2019.03.22 @ 22:10:50

**TEST COMMENT:** I.F.-30 BOB 5 mins total build of 60"  
 I.S.I.-30- no blow back  
 F.F.-30- BOB 5 mins 45 secs total build of 47"  
 F.S.I.-30- no blow back



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2246.71	107.57	Initial Hydro-static
2	65.04	107.04	Open To Flow (1)
32	313.43	121.09	Shut-In(1)
64	851.36	119.49	End Shut-In(1)
64	322.77	119.33	Open To Flow (2)
92	480.86	123.93	Shut-In(2)
127	836.09	123.08	End Shut-In(2)
129	2194.41	121.99	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
250.00	M.W. 20%M 80%W	2.43
250.00	G.V.S.O.C.W.M. 5%G 5%O 25%W 65%	13.51
380.00	G.V.S.O.C.M. 10%G 5%O 85%M	5.33

## Gas Rates

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





**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Palomino Petroleum Inc

8-20s-25w Ness,KS

4924 SE 84th st  
New ton 67114+8827

Pete #2

Job Ticket: 64999 **DST#: 2**

ATTN: Ryan Seib

Test Start: 2019.03.22 @ 17:19:00

## GENERAL INFORMATION:

Formation: **Miss**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 20:04:30

Time Test Ended: 02:11:49

Test Type: Conventional Bottom Hole (Initial)

Tester: Benny Mulligan

Unit No: 66

Interval: **4412.00 ft (KB) To 4499.00 ft (KB) (TVD)**

Reference Elevations: 2477.00 ft (KB)

Total Depth: 4499.00 ft (KB) (TVD)

2467.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 10.00 ft

Serial #: 6769

Outside

Press@RunDepth: psig @ 4413.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2019.03.22

End Date: 2019.03.23

Last Calib.: 2019.03.23

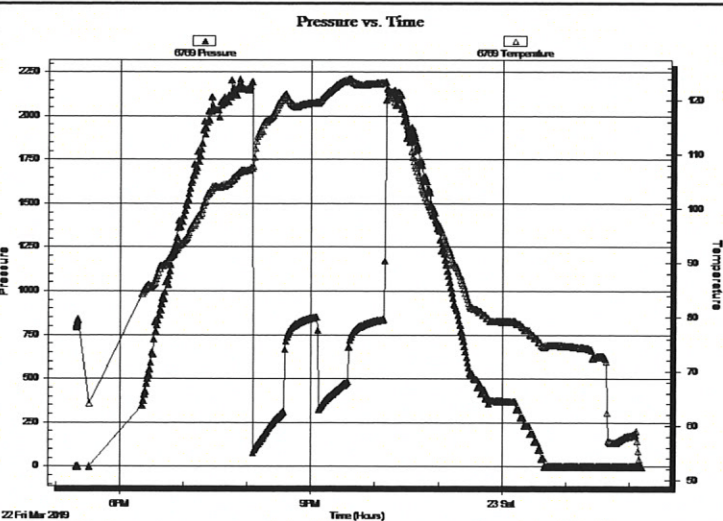
Start Time: 17:19:01

End Time: 02:11:49

Time On Btm:

Time Off Btm:

TEST COMMENT: I.F.-30 BOB 5 mins total build of 60"  
I.S.I.-30- no blow back  
F.F.-30- BOB 5 mins 45 secs total build of 47"  
F.S.I.-30- no blow back



## PRESSURE SUMMARY

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

## Recovery

Length (ft)	Description	Volume (bbl)
250.00	M.W. 20%M 80%W	2.43
250.00	G.V.S.O.C.W.M. 5%G 5%O 25%W 65%	13.51
380.00	G.V.S.O.C.M. 10%G 5%O 85%M	5.33

## Gas Rates

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



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Palomino Petroleum Inc

**8-20s-25w Ness,KS**

4924 SE 84th st  
New ton 67114+8827

**Pete #2**

Job Ticket: 64999

**DST#: 2**

ATTN: Ryan Seib

Test Start: 2019.03.22 @ 17:19:00

## Tool Information

Drill Pipe:	Length: 4291.00 ft	Diameter: 3.80 inches	Volume: 60.19 bbl	Tool Weight:	2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer:	25000.00 lb
Drill Collar:	Length: 118.00 ft	Diameter: 2.25 inches	Volume: 0.58 bbl	Weight to Pull Loose:	82000.00 lb
		Total Volume: 60.77 bbl		Tool Chased	0.00 ft
Drill Pipe Above KB:	24.00 ft			String Weight: Initial	76000.00 lb
Depth to Top Packer:	4412.00 ft			Final	80000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	87.00 ft				
Tool Length:	114.00 ft				
Number of Packers:	2	Diameter:	6.75 inches		

Tool Comments:

## Tool Description

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

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4386.00	
Shut In Tool	5.00			4391.00	
Hydraulic tool	5.00			4396.00	
Jars	5.00			4401.00	
Safety Joint	2.00			4403.00	
Packer	5.00			4408.00	27.00 Bottom Of Top Packer
Packer	4.00			4412.00	
Stubb	1.00			4413.00	
Recorder	0.00	6772	Inside	4413.00	
Recorder	0.00	6769	Outside	4413.00	
Perforations	17.00			4430.00	
Change Over Sub	1.00			4431.00	
Drill Pipe	64.00			4495.00	
Change Over Sub	1.00			4496.00	
Bullnose	3.00			4499.00	87.00 Bottom Packers & Anchor

**Total Tool Length: 114.00**





**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Palomino Petroleum Inc

**8-20s-25w Ness,KS**

4924 SE 84th st  
New ton 67114+8827

**Pete #2**

Job Ticket: 64999

**DST#: 2**

ATTN: Ryan Seib

Test Start: 2019.03.22 @ 17:19:00

## 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:

24000 ppm

Viscosity: 58.00 sec/qt

Cushion Volume:

bbf

Water Loss: 7.97 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4300.00 ppm

Filter Cake: 1.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbf
250.00	M.W. 20%M 80%W	2.432
250.00	G.V.S.O.C.W.M. 5%G 5%O 25%W 65%M	3.507
380.00	G.V.S.O.C.M. 10%G 5%O 85%M	5.330

Total Length: 880.00 ft

Total Volume: 11.269 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

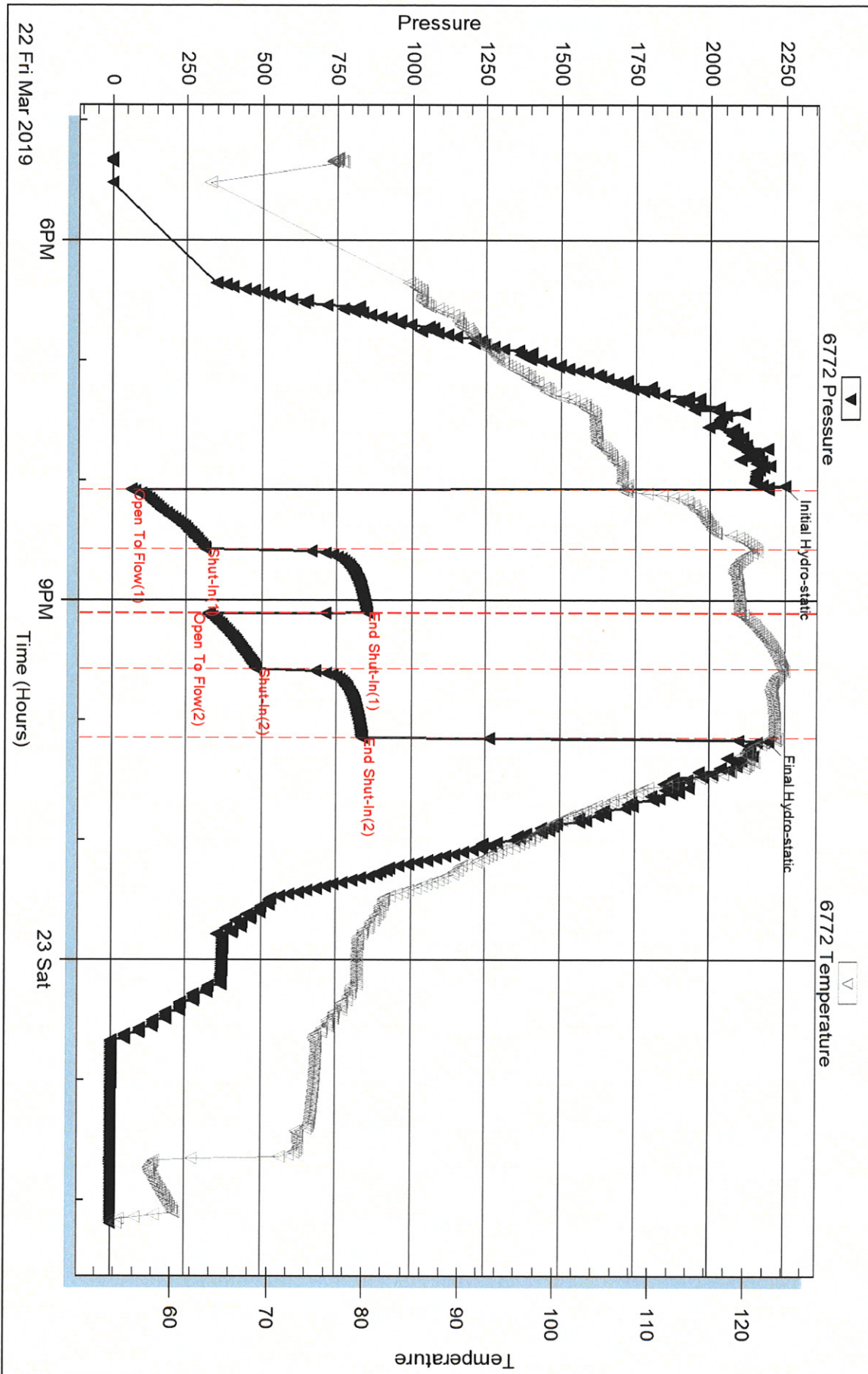
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

### Pressure vs. Time





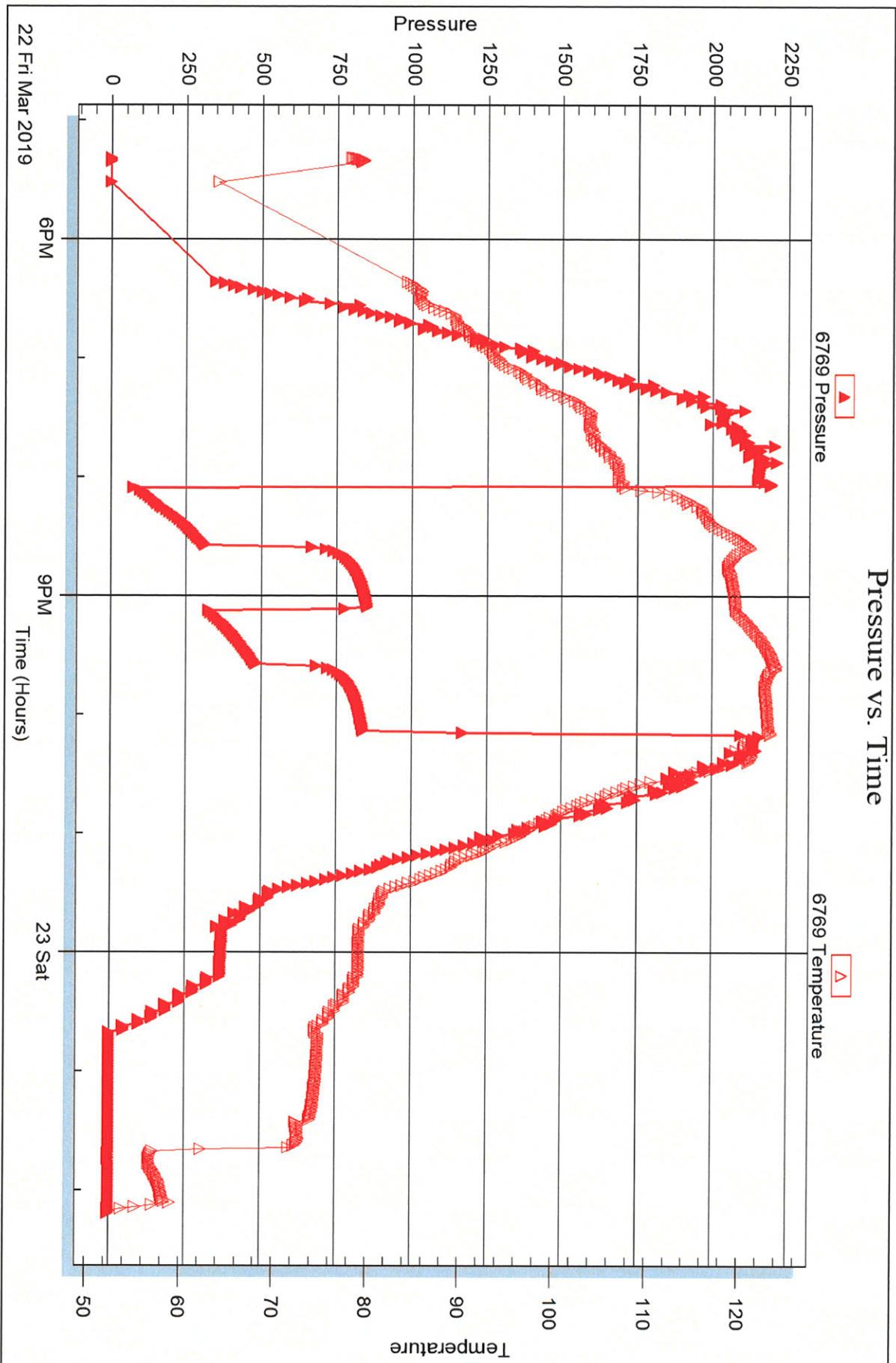
Serial #: 6769

Outside

Palomino Petroleum Inc

Pete #2

DST Test Number: 2



Tribolite Testing, Inc

Ref. No: 64999

Printed: 2019.03.26 @ 10:36:28



## DRILL STEM TEST REPORT

Prepared For: **Palomino Petroleum Inc**

4924 SE 84th st  
Newton 67114+8827

ATTN: Ryan Seib

**Pete #2**

**8-20s-25w Ness,KS**

Start Date: 2019.03.23 @ 17:25:00

End Date: 2019.03.24 @ 04:27:00

Job Ticket #: 65000                      DST #: 3

Trilobite Testing, Inc  
1515 Commerce Parkway Hays, KS 67601  
ph: 785-625-4778 fax: 785-625-5620

Printed: 2019.03.26 @ 10:34:07





**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Palomino Petroleum Inc

8-20s-25w Ness,KS

4924 SE 84th st  
New ton 67114+8827

**Pete #2**

Job Ticket: 65000

**DST#: 3**

ATTN: Ryan Seib

Test Start: 2019.03.23 @ 17:25:00

## GENERAL INFORMATION:

Formation: **Miss**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 21:22:30

Time Test Ended: 04:27:00

Test Type: Conventional Straddle (Initial)

Tester: Benny Mulligan

Unit No: 66

Interval: **4412.00 ft (KB) To 4494.00 ft (KB) (TVD)**

Total Depth: 4587.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2477.00 ft (KB)

2467.00 ft (CF)

KB to GR/CF: 10.00 ft

**Serial #: 6772**

**Inside**

Press@RunDepth: 210.87 psig @ 4423.00 ft (KB)

Start Date: 2019.03.23

End Date:

2019.03.24

Capacity: 8000.00 psig

Last Calib.: 2019.03.24

Start Time: 17:25:01

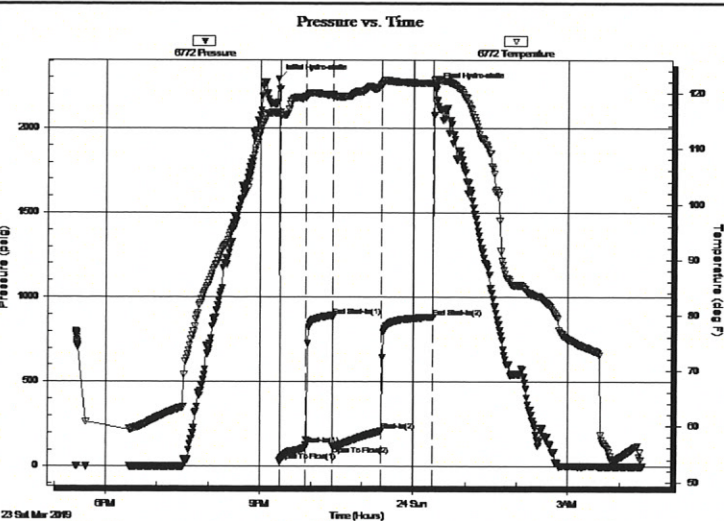
End Time:

04:27:00

Time On Btm: 2019.03.23 @ 21:20:50

Time Off Btm: 2019.03.24 @ 00:24:39

TEST COMMENT: IF-30-BOB 19 mins total build of 22"  
ISI-30-3/4" blow back  
FF-60-BOB 13 mins total build of 56"  
FSI-60- 3/4" blow back



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2291.31	116.50	Initial Hydro-static
2	29.48	115.98	Open To Flow (1)
34	126.20	119.41	Shut-In(1)
64	890.11	119.74	End Shut-In(1)
65	119.93	119.55	Open To Flow (2)
122	210.87	121.60	Shut-In(2)
182	882.88	121.83	End Shut-In(2)
184	2244.72	122.60	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
120.00	G.O.S.M. 5%G 95%M	0.61
120.00	G.O.C.M. 5%G 15%O 80%M	1.68
240.00	G.O. 15%G 85%O	3.37
0.00	420' GIP	0.00

## Gas Rates

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



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Palomino Petroleum Inc

**8-20s-25w Ness, KS**

4924 SE 84th st  
New ton 67114+8827

**Pete #2**

Job Ticket: 65000

**DST#: 3**

ATTN: Ryan Seib

Test Start: 2019.03.23 @ 17:25:00

## GENERAL INFORMATION:

Formation: **Miss**

Deviated: **No** Whipstock: **ft (KB)**

Time Tool Opened: 21:22:30

Time Test Ended: 04:27:00

Test Type: **Conventional Straddle (Initial)**

Tester: **Benny Mulligan**

Unit No: **66**

Interval: **4412.00 ft (KB) To 4494.00 ft (KB) (TVD)**

Total Depth: **4587.00 ft (KB) (TVD)**

Hole Diameter: **7.88 inches** Hole Condition: **Fair**

Reference Elevations: **2477.00 ft (KB)**

**2467.00 ft (CF)**

KB to GR/CF: **10.00 ft**

**Serial #: 6769**

**Inside**

Press@RunDepth: **psig @ 4423.00 ft (KB)**

Start Date: **2019.03.23**

End Date:

**2019.03.24**

Start Time: **17:25:01**

End Time:

**04:27:00**

Capacity: **8000.00 psig**

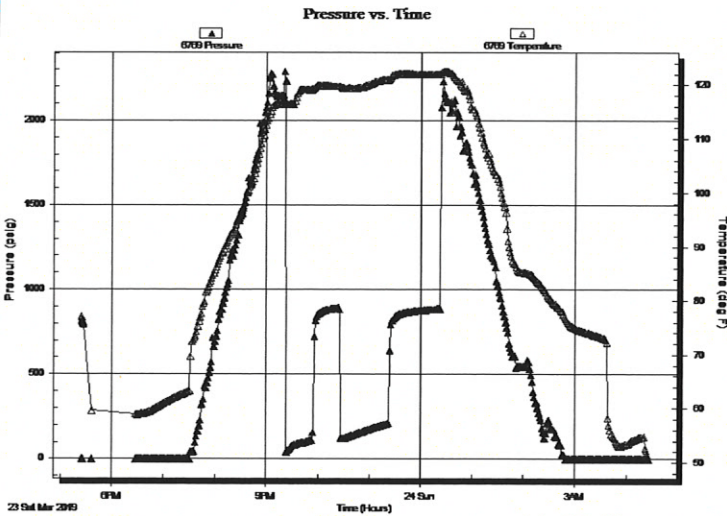
Last Calib.: **2019.03.24**

Time On Btm:

Time Off Btm:

TEST COMMENT: IF-30-BOB 19 mins total build of 22"  
ISI-30-3/4" blow back  
FF-60-BOB 13 mins total build of 56"  
FSI-60- 3/4" blow back

## PRESSURE SUMMARY



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

## Recovery

Length (ft)	Description	Volume (bbl)
120.00	G.O.S.M. 5%G 95%M	0.61
120.00	G.O.C.M. 5%G 15%O 80%M	1.68
240.00	G.O. 15%G 85%O	3.37
0.00	420' GIP	0.00

## Gas Rates

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





**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Palomino Petroleum Inc

8-20s-25w Ness,KS

4924 SE 84th st  
New ton 67114+8827

Pete #2

Job Ticket: 65000

DST#: 3

ATTN: Ryan Seib

Test Start: 2019.03.23 @ 17:25:00

## GENERAL INFORMATION:

Formation: **Miss**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 21:22:30

Time Test Ended: 04:27:00

Test Type: Conventional Straddle (Initial)

Tester: Benny Mulligan

Unit No: 66

Interval: **4412.00 ft (KB) To 4494.00 ft (KB) (TVD)**

Total Depth: 4587.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2477.00 ft (KB)

2467.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: **9058**

Below (Straddle)

Press@RunDepth: psig @ 4524.00 ft (KB)

Start Date: 2019.03.23

End Date:

2019.03.24

Capacity: 8000.00 psig

Last Calib.: 1899.12.30

Start Time: 17:25:05

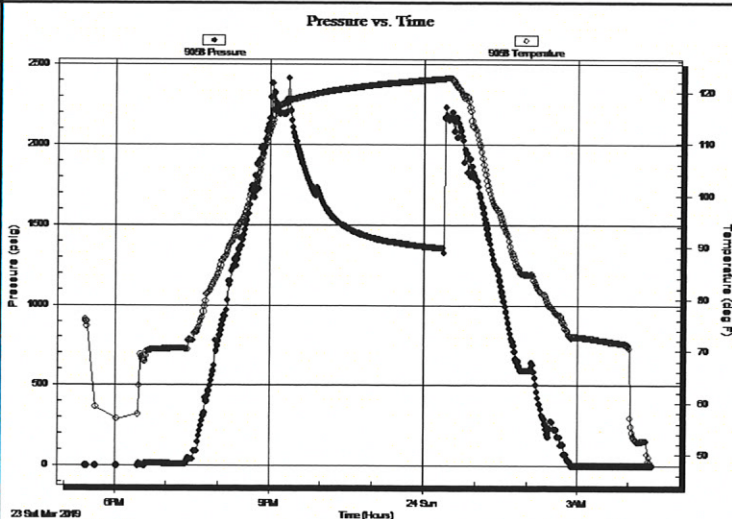
End Time:

04:27:15

Time On Btm:

Time Off Btm:

TEST COMMENT: IF-30-BOB 19 mins total build of 22"  
ISI-30-3/4" blow back  
FF-60-BOB 13 mins total build of 56"  
FSI-60- 3/4" blow back



## PRESSURE SUMMARY

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

## Recovery

Length (ft)	Description	Volume (bbl)
120.00	G.O.S.M. 5%G 95%M	0.61
120.00	G.O.C.M. 5%G 15%O 80%M	1.68
240.00	G.O. 15%G 85%O	3.37
0.00	420' GIP	0.00

## Gas Rates

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



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Palomino Petroleum Inc

**8-20s-25w Ness,KS**

4924 SE 84th st  
New ton 67114+8827

**Pete #2**

Job Ticket: 65000

**DST#: 3**

ATTN: Ryan Seib

Test Start: 2019.03.23 @ 17:25:00

## Tool Information

Drill Pipe:	Length: 4296.00 ft	Diameter: 3.80 inches	Volume: 60.26 bbl	Tool Weight:	25000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer:	25000.00 lb
Drill Collar:	Length: 118.00 ft	Diameter: 2.25 inches	Volume: 0.58 bbl	Weight to Pull Loose:	80000.00 lb
		Total Volume: 60.84 bbl		Tool Chased	5.00 ft
Drill Pipe Above KB:	25.00 ft			String Weight: Initial	78000.00 lb
Depth to Top Packer:	4412.00 ft			Final	80000.00 lb
Depth to Bottom Packer:	4493.00 ft				
Interval between Packers:	81.00 ft				
Tool Length:	203.00 ft				
Number of Packers:	3	Diameter:	6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4390.00	
Shut In Tool	5.00			4395.00	
Hydraulic tool	5.00			4400.00	
Jars	5.00			4405.00	
Safety Joint	2.00			4407.00	
Packer	5.00			4412.00	23.00 Bottom Of Top Packer
Stubb	1.00			4413.00	
Perforations	9.00			4422.00	
Change Over Sub	1.00			4423.00	
Recorder	0.00	6772	Inside	4423.00	
Recorder	0.00	6769	Inside	4423.00	
Drill Pipe	63.00			4486.00	
Change Over Sub	1.00			4487.00	
Perforations	5.00			4492.00	
Blank Spacing	1.00			4493.00	
Packer	5.00			4498.00	81.00 Tool Interval
Packer	5.00			4503.00	
Perforations	20.00			4523.00	
Change Over Sub	1.00			4524.00	
Recorder	0.00	9058	Below	4524.00	
Drill Pipe	64.00			4588.00	
Change Over Sub	1.00			4589.00	
Bullnose	3.00			4592.00	99.00 Bottom Packers & Anchor
<b>Total Tool Length:</b>	<b>203.00</b>				



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Palomino Petroleum Inc

**8-20s-25w Ness,KS**

4924 SE 84th st  
New ton 67114+8827

**Pete #2**

Job Ticket: 65000

**DST#: 3**

ATTN: Ryan Seib

Test Start: 2019.03.23 @ 17:25:00

## 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: 55.00 sec/qt

Cushion Volume:

bbf

Water Loss: 8.36 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 5100.00 ppm

Filter Cake: 1.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbf
120.00	G.O.S.M. 5%G 95%M	0.608
120.00	G.O.C.M. 5%G 15%O 80%M	1.683
240.00	G.O. 15%G 85%O	3.367
0.00	420' GIP	0.000

Total Length: 480.00 ft

Total Volume: 5.658 bbf

Num Fluid Samples: 0

Num Gas Bombs: 0

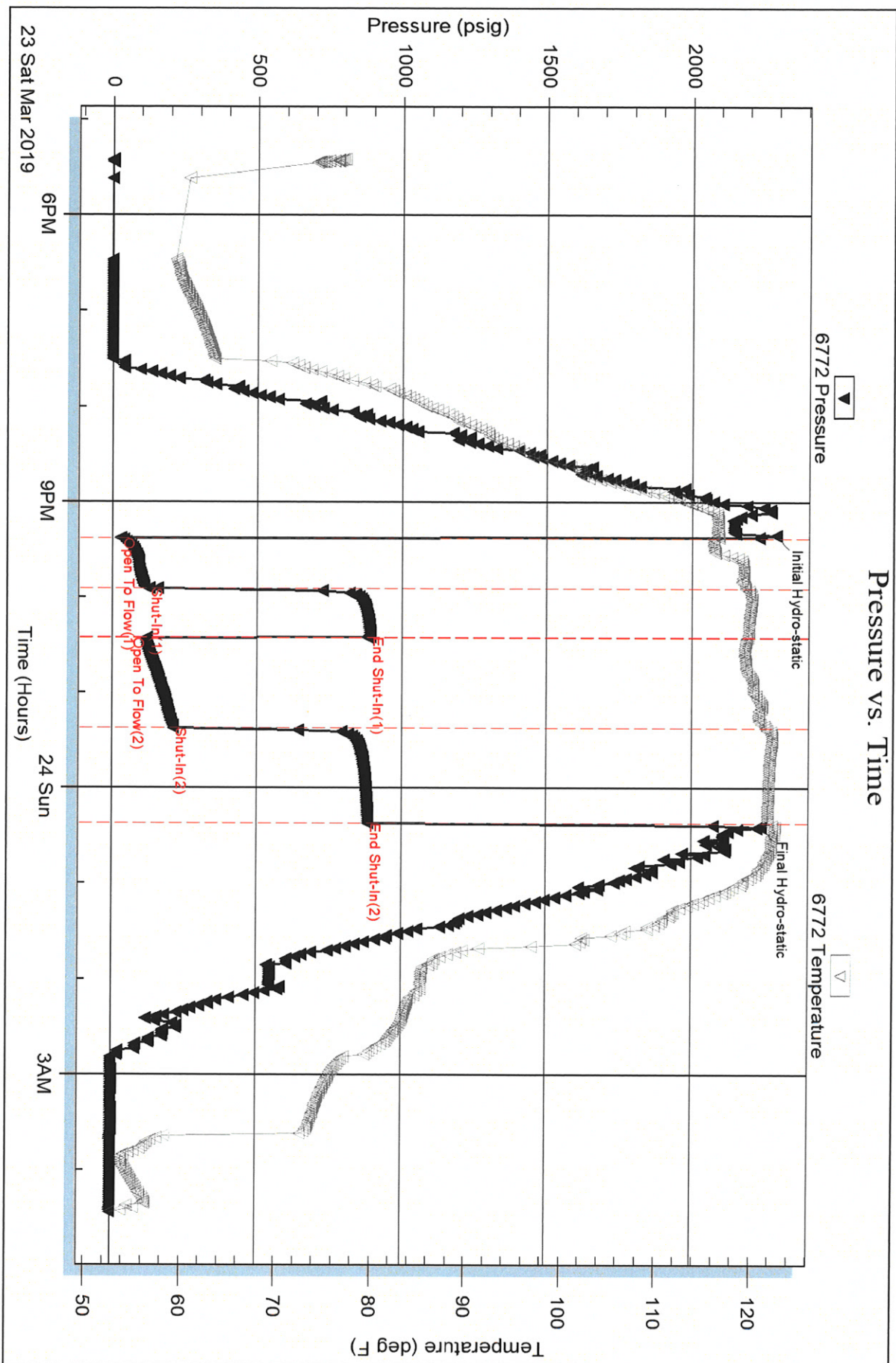
Serial #:

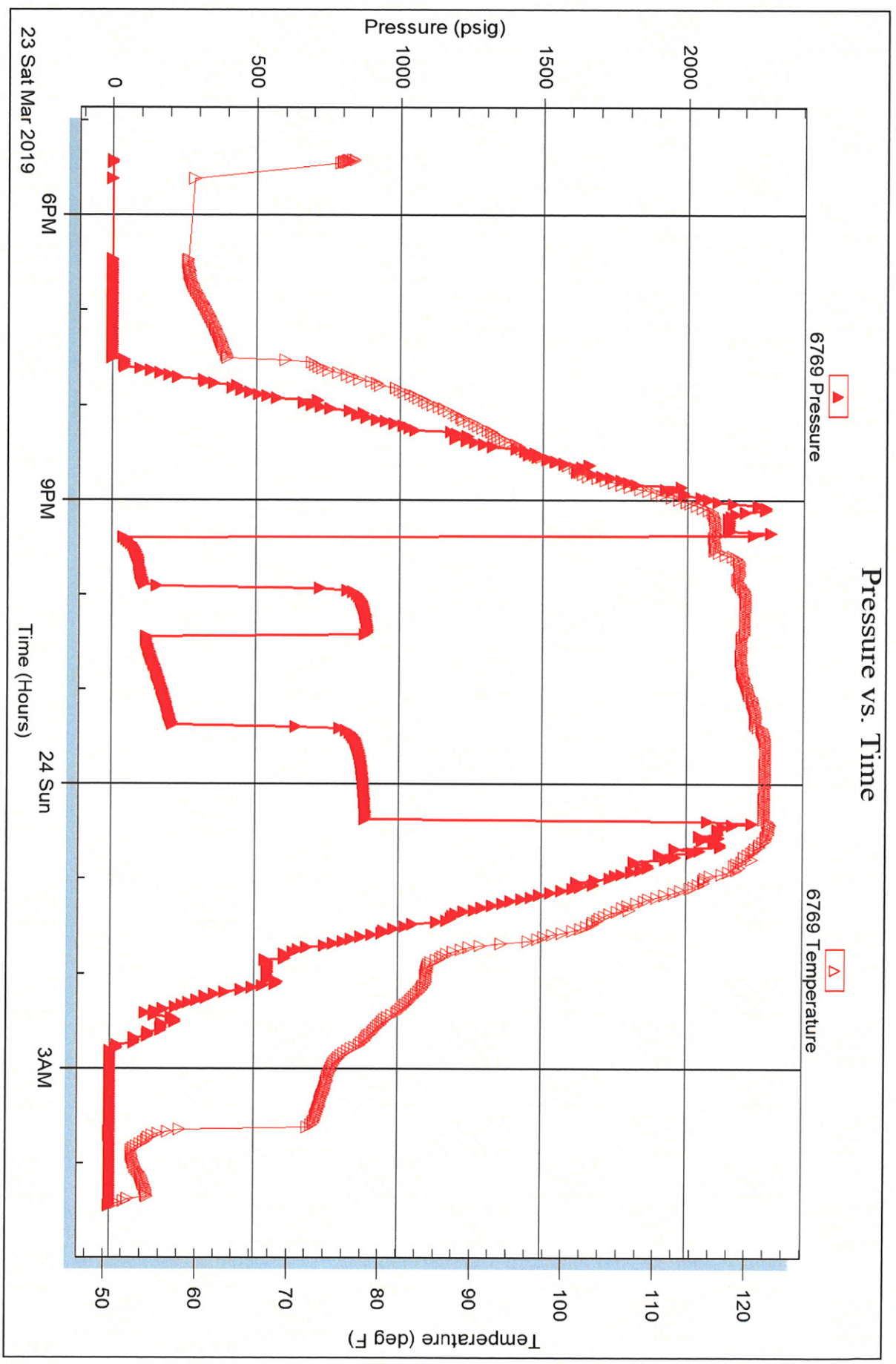
Laboratory Name:

Laboratory Location:

Recovery Comments: GIP 420'







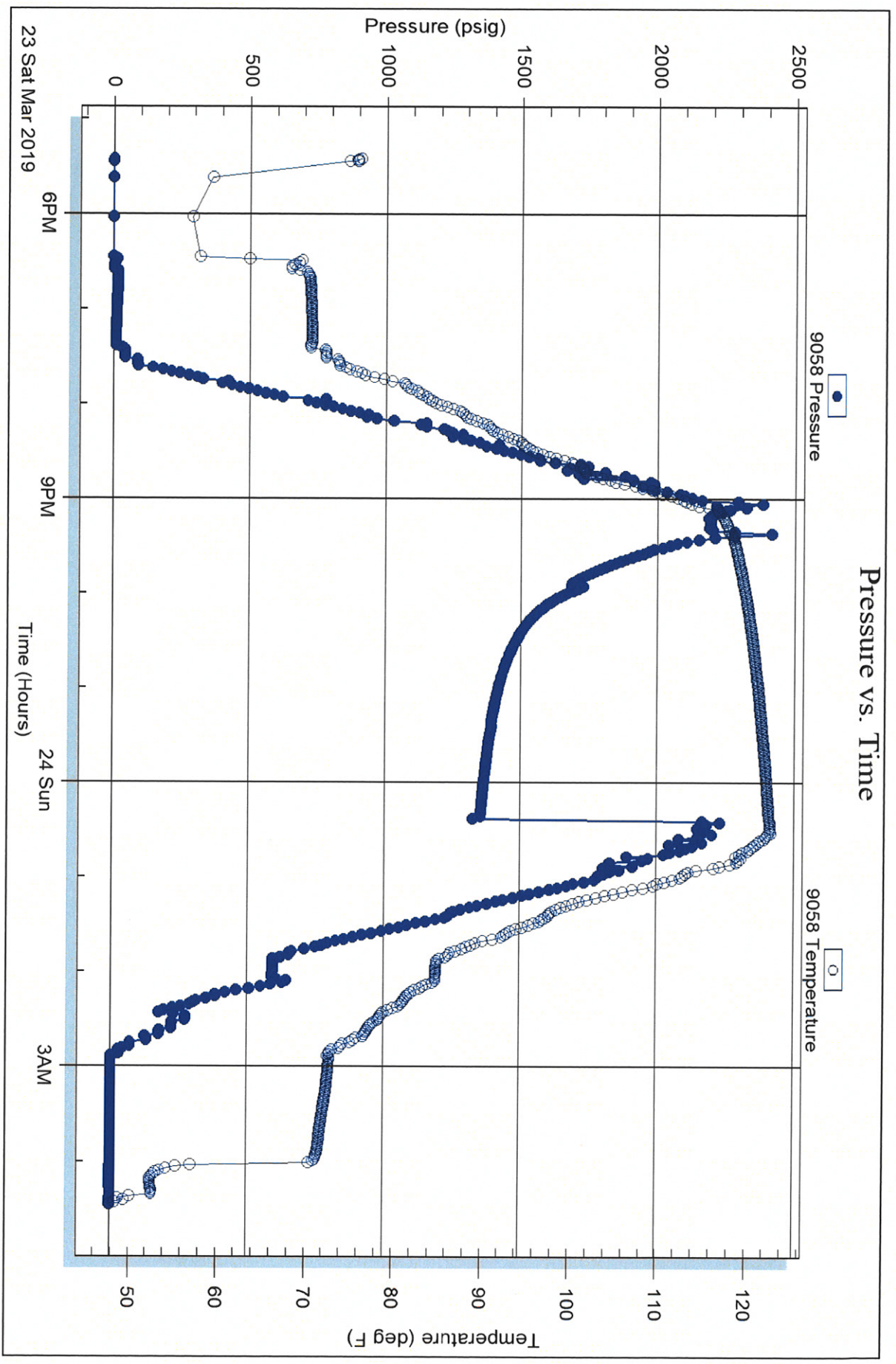


Serial #: 9058

Below (Stratton) Petroleum Inc

Pete #2

DST Test Number: 3



Trilobe Testing, Inc

Ref. No: 65000

Printed: 2019.03.26 @ 10:34:08





# TRIBOLITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

## Test Ticket

NO. **64998**

Well Name & No. Pete #2 Test No. 1 Date 3-22-2019  
 Company Palomino Petroleum Inc Elevation 2477 KB 2467 GL  
 Address 4924 SE 84th St Newton KS 67114+8827  
 Co. Rep / Geo. Ryan Seib Rig WW 22  
 Location: Sec. 8 Twp 20s Rge. 23w Co. Ness State KS

Interval Tested 4412-4499 Zone Tested Miss  
 Anchor Length 87' Drill Pipe Run 4291' Mud Wt. 9.0  
 Top Packer Depth 4407 Drill Collars Run 118' Vis 58  
 Bottom Packer Depth 4412 Wt. Pipe Run --- WL 8.0  
 Total Depth 4499 Chlorides 4300 ppm System LCM 1#

Blow Description IF.-  
I.S.T.-  
F.F.-  
F.S.T.-

MISS-RUN

Rec	Feet of	%gas	%oil	%water	%mud

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

(A) Initial Hydrostatic \_\_\_\_\_  Test 950 T-On Location 4:30 AM  
 (B) First Initial Flow \_\_\_\_\_  Jars 250 T-Started 5:56  
 (C) First Final Flow \_\_\_\_\_  Safety Joint 75 T-Open \_\_\_\_\_  
 (D) Initial Shut-In \_\_\_\_\_  Circ Sub \_\_\_\_\_ T-Pulled 9:00  
 (E) Second Initial Flow \_\_\_\_\_  Hourly Standby \_\_\_\_\_ T-Out 10:59  
 (F) Second Final Flow \_\_\_\_\_  Mileage 104mi RT 104 Comments \_\_\_\_\_  
 (G) Final Shut-In \_\_\_\_\_  Sampler \_\_\_\_\_  
 (H) Final Hydrostatic \_\_\_\_\_  Straddle \_\_\_\_\_  EM Tool \_\_\_\_\_  
 Shale Packer \_\_\_\_\_  Ruined Shale Packer \_\_\_\_\_  
 Extra Packer \_\_\_\_\_  Ruined Packer \_\_\_\_\_  
 Extra Recorder \_\_\_\_\_  Extra Copies \_\_\_\_\_  
 Day Standby \_\_\_\_\_ Sub Total 0  
 Accessibility \_\_\_\_\_ Total 1379  
 Sub Total 1379 MP/DST Disc't \_\_\_\_\_

Approved By \_\_\_\_\_ Our Representative Benny Mulligan

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





# TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

## Test Ticket

NO. 64999

Well Name & No. Pete #2 Test No. 2 Date 3-22-2019  
 Company Palomino Petroleum Inc Elevation 2477 KB 2467 GL  
 Address 4924 SE 84th St Newton KS 67114+8827  
 Co. Rep / Geo. Ryan Seib Rig WW22  
 Location: Sec. 8 Twp 20s Rge. 25w Co. Ness State KS

Interval Tested 4412 - 4499 Zone Tested Miss  
 Anchor Length 87' Drill Pipe Run 4291' Mud Wt. 9.0  
 Top Packer Depth 4407 Drill Collars Run 118' Vis 58  
 Bottom Packer Depth 4412 Wt. Pipe Run --- WL 80  
 Total Depth 4499 Chlorides 4300 ppm System LCM 1#

Blow Description IF - BOB 5mins total build of 60"  
ISI - no blow back  
FF - BOB 5mins 45sec total build of 47"  
FSI - no blow back

Rec	Feet of	%gas	%oil	%water	%mud
<u>380</u>	<u>G.V.S.O.C.M.</u>	<u>10</u>	<u>5</u>	<u>90</u>	<u>90</u>
<u>250</u>	<u>G.V.S.O.C.W.M.</u>	<u>5</u>	<u>5</u>	<u>25</u>	<u>65</u>
<u>250</u>	<u>M.W.</u>	<u>---</u>	<u>---</u>	<u>80</u>	<u>20</u>
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 880' BHT 122 Gravity --- API RW 1416 @ 48.3° F Chlorides 24000 ppm

(A) Initial Hydrostatic 2246  Test 1300 T-On Location 5:09 PM  
 (B) First Initial Flow 65  Jars 250 T-Started 5:19  
 (C) First Final Flow 313  Safety Joint 75 T-Open 8:05  
 (D) Initial Shut-In 851  Circ Sub --- T-Pulled 10:05  
 (E) Second Initial Flow 322  Hourly Standby --- T-Out 2:12 AM  
 (F) Second Final Flow 480  Mileage RT 56 104  
 (G) Final Shut-In 836  Sampler ---  
 (H) Final Hydrostatic 2194  Straddle ---  
 Shale Packer ---  
 Extra Packer ---  
 Extra Recorder ---  
 Day Standby ---  
 Accessibility ---

Initial Open 30  
 Initial Shut-In 30  
 Final Flow 30  
 Final Shut-In 30

Sub Total 1729 MP/DST Disc't ---

Approved By --- Our Representative Benny Mulligan

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.





# TRIBOLITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

## Test Ticket

NO. 65000

Well Name & No. Pete # 2 Test No. 3 Date 3-23-2019  
 Company Palomino Petroleum Inc Elevation 2477 KB 2467 GL  
 Address 4924 SE 84th St Newton KS 67114 + 8827  
 Co. Rep / Geo. Ryan Seib Rig WW22  
 Location: Sec. 8 Twp 20S Rge. 25W Co. Ness State KS

Interval Tested 4412-4494 Zone Tested MISS  
 Anchor Length 82' Drill Pipe Run 4296 Mud Wt. 9.3  
 Top Packer Depth \_\_\_\_\_ Drill Collars Run 118 Vis 55  
 Bottom Packer Depth 4412 Wt. Pipe Run \_\_\_\_\_ WL 8.4  
 Total Depth 4587 Chlorides 5100 ppm System LCM 1#

Blow Description IF - BOB 19mins total build of 22"  
ISI - 3/4" blow back  
FF - BOB 13mins total build of 56"  
FSD - 3/4" blow back

Rec	Feet of	%gas	%oil	%water	%mud
<u>240</u>	<u>G.O.</u>	<u>15</u>	<u>85</u>		
<u>120</u>	<u>G.O.C.M.</u>	<u>5</u>	<u>15</u>		<u>80</u>
<u>120</u>	<u>G.O.S.M.</u>	<u>5</u>			<u>95</u>
Rec _____	Feet of <u>GIP 420'</u>	%gas	%oil	%water	%mud
Rec _____	Feet of _____	%gas	%oil	%water	%mud

Rec Total 480' BHT 122 Gravity \_\_\_\_\_ API RW \_\_\_\_\_ @ \_\_\_\_\_ °F Chlorides \_\_\_\_\_ ppm

(A) Initial Hydrostatic 2291  Test 1300 T-On Location 4:05 PM  
 (B) First Initial Flow 29  Jars 250 T-Started 5:25  
 (C) First Final Flow 126  Safety Joint 75 T-Open 9:22  
 (D) Initial Shut-In 890  Circ Sub \_\_\_\_\_ T-Pulled 12:22  
 (E) Second Initial Flow 119  Hourly Standby \_\_\_\_\_ T-Out 4:27  
 (F) Second Final Flow 210  Mileage RT 56 104 Comments Loaded tools  
 (G) Final Shut-In 882  Sampler \_\_\_\_\_ after test  
 (H) Final Hydrostatic 2244  Straddle 600

EM Tool \_\_\_\_\_  
 Ruined Shale Packer \_\_\_\_\_  
 Ruined Packer \_\_\_\_\_  
 Extra Copies \_\_\_\_\_  
 Initial Open 30  
 Initial Shut-In 30  
 Final Flow 60  
 Final Shut-In 60  
 Extra Packer \_\_\_\_\_  
 Extra Recorder \_\_\_\_\_  
 Day Standby \_\_\_\_\_  
 Accessibility \_\_\_\_\_  
 Sub Total 2329 MP/DST Disc't \_\_\_\_\_

Approved By \_\_\_\_\_ Our Representative Benny Mulligan

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



Palomares Petroleum  
 Pete # 7

516' FWL & 1075' FWL  
 8 205 250  
 8 205 250  
 8 205 250  
 8 205 250

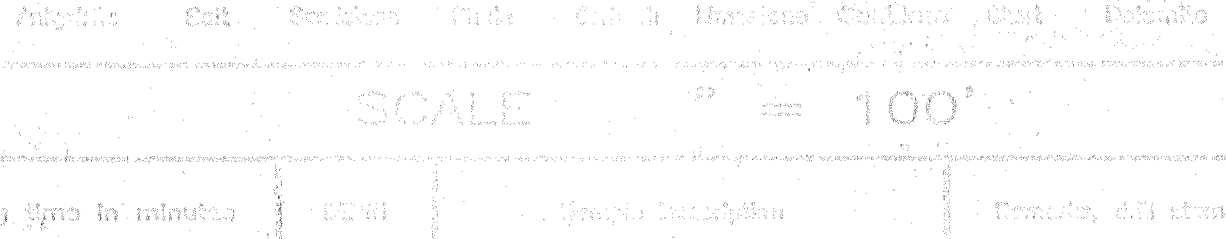
3000'  
 3000'  
 3000'  
 3000'  
 3000'  
 3000'  
 3000'  
 3000'  
 3000'

Hook #1 1200 (7377) (7378) (7379)  
 Headline 3850 (-1347) 3823 (-1344)  
 BKC 422 (-1750)  
 Marmaton 4265 (-1788)  
 Ft. Scott 4392 (-1915)  
 Cherokee sh 4415 (-1940)  
 Mississippian 4485 (-2008)  
 RTD 4587 (-2110)

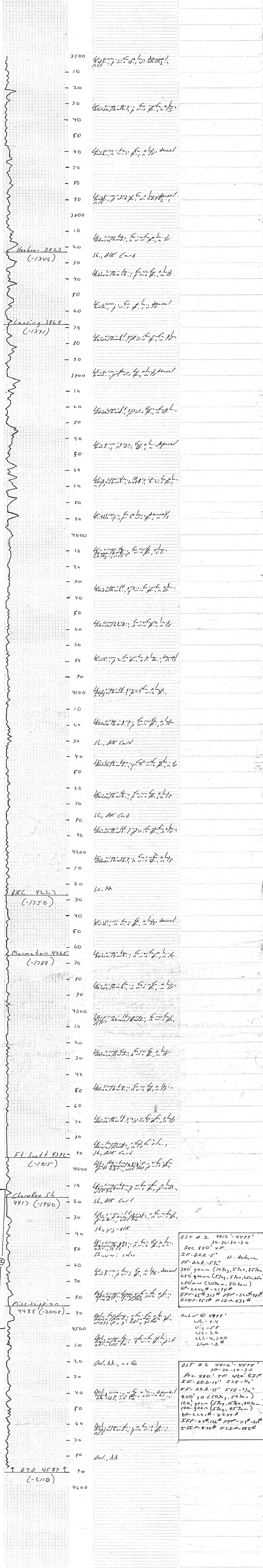


2467'  
 KB  
 8 5/8" @ 217'  
 5 1/2" @ 217'  
 3000'  
 3000'  
 3000'  
 3000'  
 3000'  
 3000'  
 3000'  
 3000'

**LEGEND**



SCALE = 100'



DST # 2 4412'-4497'  
 30-30-30-30  
 Rec. 850' + F  
 IF-0.0.0-5" N. Rodura  
 FF-0.0.0-5" N. Rodura  
 380' gocm (1070, 5700, 8570m)  
 250' gocm (5709, 5700, 5565m)  
 250' m (2200m, 8070m)  
 HF-224#-2174#  
 FF-65#-313# FF-32#-48#  
 FIF-851# F52A-83#

DST # 2 4412'-4497'  
 30-30-30-30  
 Rec. 480' TF 420' GIP  
 IF-0.0.0-15" F5I-14"  
 FF-0.0.0-15" F5I-14"  
 240' go (5070, 5070m)  
 120' gocm (5709, 5700, 5070m)  
 120' gocm (5709, 5700m)  
 HF-224#-2244#  
 IFF-29#-126# FFF-119#-21#  
 IFF-870# F52A-882#





REMIT TO  
 QES Pressure Pumping LLC  
 Dept:970  
 P.O.Box 4346  
 Houston, TX 77210-4346

MAIN OFFICE  
 P.O.Box884  
 Chanute, KS 66720  
 620/431-9210, 1-800/467-8676  
 Fax 620/431-0012

Invoice Invoice# 900588

**RECEIVED**  
**MAR 21 2019**

Invoice Date: 03/19/19 Terms: Net 30 Page 1

PALOMINO PETROLEUM, INC.  
 4924 SE 84TH STREET  
 NEWTON KS 67114-8827  
 USA

WELLS 3-9

Part No	Description	Quantity	Discounted Unit Price	Discounted Total
CE0471	Cement Pump Charge 301' - 500' (Coalbed/Methane)	1.000	862.5000	862.50
CE0002	Equipment Mileage Charge - Heavy Equipment	40.000	5.3625	214.50
CE0711	Minimum Cement Delivery Charge	1.000	495.0000	495.00
CC5871	Surface Blend II, 2% Gel/3% CaCl	165.000	18.0000	2,970.00
CC5326	Sodium Chloride, Salt	100.000	0.0000	0.00
			SubTotal After Discount	4,542.00

Tax: 193.05  
 Total: 4,735.05 ✓

Amount Due 6,313.40 If paid after 04/18/19

*cement for surface*  
*3/19*



PRESSURE PUMPING LLC  
PO Box 884, Chanute, KS 66720  
620-431-9210 or 800-467-8676

FIELD TICKET & TREATMENT REPORT  
CEMENT

TICKET NUMBER 55976  
LOCATION Dakley KS  
FOREMAN Walt Dunkel

Invoice # 900588

100'200'  
404108

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
3-17-19	6285	Wells 3-9	9	18 <sup>s</sup>	24 <sup>w</sup>	Ness
CUSTOMER <u>Palomina Petroleum</u>			TRUCK # DRIVER TRUCK # DRIVER			
MAILING ADDRESS <u>4924 SE 84th Street</u>			TRUCK # DRIVER TRUCK # DRIVER			
CITY <u>Newton</u> STATE <u>KS</u> ZIP CODE <u>67114-8821</u>			TRUCK # DRIVER TRUCK # DRIVER			
			TRUCK # DRIVER TRUCK # DRIVER			

JOB TYPE Surface HOLE SIZE 12 1/4 HOLE DEPTH 220' CASING SIZE & WEIGHT 8 5/8 - 23 #  
 CASING DEPTH 218 DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER \_\_\_\_\_  
 SLURRY WEIGHT 15.2 SLURRY VOL \_\_\_\_\_ WATER gal/sk \_\_\_\_\_ CEMENT LEFT in CASING 15-20'  
 DISPLACEMENT 12.6 DISPLACEMENT PSI \_\_\_\_\_ MIX PSI \_\_\_\_\_ RATE 4 BPM

REMARKS: Safety Meeting, Me up on WW#22, Circ casing on bottom  
Mix 165 sls com, 3% acc - 2% lol, Displace 12.6 BBL, Shut in

Cement Did Circ

Approx 2 BBL to RT

Thank You  
Walt Dunkel

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
<u>CC0471</u>	<u>1</u>	<u>PUMP CHARGE</u>	<u>1,150.00</u>	<u>1,150.00</u>
<u>CC0002</u>	<u>40</u>	<u>MILEAGE</u>	<u>7.15</u>	<u>286.00</u>
<u>CC0711</u>	<u>7.76</u>	<u>Ten Mileage Delivery</u>	<u>1.75</u>	<u>660.00</u>
<u>CC5871</u>	<u>165</u>	<u>Surface Blend #</u>	<u>24.00</u>	<u>3960.00</u>
<u>CC5326</u>	<u>100 #</u>	<u>Salt</u>		<u>N/C</u>
				<u>6,056.00</u>
		<u>Less 25% Disc.</u>		<u>1,514.00</u>
				<u>4,542.00</u>
			<u>SALES TAX</u>	<u>193.05</u>
			<u>ESTIMATED</u>	
			<u>TOTAL</u>	<u>4,735.05</u>

Ravin 3737

Walt Dunkel

AUTHORIZATION Mba [Signature]

TITLE Toolpusher

DATE 3/17/19

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form

**ATTENTION: THESE TERMS AND CONDITIONS CONTAIN INDEMNITY PROVISIONS FOR DAMAGE TO PERSONS AND PROPERTY.**

All Services or Products provided by QES Pressure Pumping LLC (f/k/a Consolidated Oil Well Services LLC) are subject to these Terms and Conditions unless superseded by a Master Service Agreement signed by the Parties. In the event Customer does not accept these Terms and Conditions as written, Customer must request a Master Service Agreement from QES' Contracts Administration Department at [msa@qeslp.com](mailto:msa@qeslp.com).

The operations, services, supplies, materials, personnel or goods to be provided ("Services" or "Products" as applicable) by QES Pressure Pumping LLC ("QES") will be provided to you as customer ("Customer") in accordance with the following terms and conditions ("Agreement"). QES and Customer may be referred to as "Party" or "Parties".

1. **Price and Terms.** Customer will pay QES for the Services or Products in accordance with QES' quoted price which exclude applicable taxes or process license fees. Customer shall pay all applicable taxes and process license fees related to the Services and/or Products. QES' prices are subject to change without notice.

2. **Terms of Payment.** Customer will pay QES cash in advance for Services and Products unless QES has approved credit prior to the performance of the Services and/or delivery of the Products. Credit terms for approved accounts require full payment of the invoiced amount within 30 days from the date of invoice. All invoices not paid within 30 days will be charged an interest rate of 1½% per month or the maximum rate allowed under applicable state law, whichever is higher. Customer will be responsible for any fees incurred by QES in the collection of any amounts owed to QES including but not limited to attorney's fees and/or collection fee costs.

3. **Proof of Services or Delivery of Products.** QES will furnish verification of proof of Services performed and Product delivered to Customer's representative at the time of performance of the Services or Product delivery. Customer agrees to sign and return such verification indicating Customer's acceptance of the Services or Products.

4. **Delivery or Completion.** All liability and responsibility of QES ceases when (1) Products are delivered to the Customer by QES and no longer in the care, custody and control of QES or (2) when the carrier receives the Products and/or shipment. QES will not be responsible for loss or damage to Products in transit or for delays of carriers in delivering goods. In case of shortage, non-conformance, or apparent damage, it is the Customer's responsibility to secure written acknowledgment from the carrier before Customer accepts delivery. Additionally, QES will not be liable for any damage for delays in delivery or completion due to a Force Majeure (as defined below), acts or omissions of the Customer, third party material or manufacturing delays, impossibility or impracticability of performance or any other cause or causes beyond the control of QES. In the event of a delay caused by the aforesaid, the delivery or completion date will be extended for a period equal to any such delay, and the purchase or service will not be void or voidable as a result thereof.

5. **Well or Service Site Conditions.** Customer, having custody and control of the well and/or service site, and having superior knowledge of the same and the conditions surrounding them, warrant that the well and/or service site will be in proper condition to receive and accommodate Services and Products. Upon QES' request, Customer will provide documentation to verify that the well or service site is adequate to support the Services and the delivery of Products. Customer also warrants that QES' personnel and equipment will be able to safely access the well and service site and that any special equipment or road improvements required for such access will be the responsibility of Customer, unless otherwise agreed to by the parties.

6. **Chemical Handling and Hazardous Materials.** Customer agrees that for any waste created as part of the Services, Customer will be considered the "generator" for purposes of any applicable laws or regulations pertaining to the transportation, storage and handling of chemicals and hazardous materials.

7. **Data, Data Transmission and Storage.** QES does not warrant or guarantee the accuracy of any research analysis, survey, or other data generated for the Services. QES is not responsible for any accidental or intentional interception of such data by third parties and it is the responsibility of the Customer to safeguard such data against loss including any need to secure digital or paper copies for storage.

**8. WARRANTIES - LIMITATION OF LIABILITY.**

a) QES warrants that the Services and Products will: (i) be free from defects in materials and workmanship; (ii) be performed in a good and workmanlike manner, in accordance with good oilfield servicing practices; and (iii) conform to the plans, specifications and technical information provided in writing by Customer until the Services or Products are accepted by Customer or QES' contractual obligations are met. In the event that Customer discovers a defect in the Services or Products within the warranty period specified above, Customer will notify QES of such defect. In the event that QES confirms that the Services or Products are defective, QES's liability and Customer's exclusive remedy in any cause of action (whether in tort, contract, breach of warranty or otherwise) arising out of the sale or use of any Services or Products is expressly limited to, at QES' option, the (i) replacement of such Services or Products upon their return to QES or (ii) a credit to Customer for the full price paid by Customer for the defective segment of the Services or Products upon their return to QES. In the case of products or parts not wholly of QES' manufacture, QES' liability will be limited to the extent of its recovery from the manufacturer of such products or parts under its liability to QES. QES will not be liable for any damages, claims, losses or expenses of Customer resulting from such defects or for damages resulting from delays, loss of use, or other direct, indirect, incidental, punitive or consequential damages of any kind. QES will not be responsible for: (i) failures of Services that have been in any way tampered with or altered by anyone other than an authorized representative of QES; (ii) failures due to lack of compliance with recommended maintenance procedures; and (iii) products requiring replacement due to normal wear and tear.

b) EXCEPT FOR THE WARRANTIES EXPRESSLY STATED ABOVE, THERE ARE NO OTHER WARRANTIES. THE PARTIES EXPRESSLY EXCLUDE AND CUSTOMER WAIVES ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

c) IN NO EVENT WILL QES' ENTIRE LIABILITY (IN TORT, CONTRACT, WARRANTY, INFRINGEMENT OR OTHERWISE) TO CUSTOMER EXCEED THE PURCHASE PRICE ACTUALLY PAID BY CUSTOMER FOR THE SERVICES OR PRODUCTS THAT GIVE RISE TO A DISPUTE. THIS PROVISION WILL SURVIVE ANY TERMINATION OF THIS AGREEMENT.

**9. INDEMNIFICATION AND WAIVER OF CONSEQUENTIAL DAMAGES.**

9.1 For purpose of this Section 9, the following definitions will apply: "QES Group" means QES Pressure Pumping LLC, its parent company, and affiliated companies, and its and their officers, directors, employees, contractors, subcontractors and invitees. "Customer Group" means Customer, its parent (if any), subsidiary and affiliated companies, co-owners, co-venturers, partners and any entity with whom Customer has an economic interest with respect to the Services, including Customer's joint interest owners and partners and its and their officers, directors, employees, contractors (not including QES), subcontractors and invitees.

9.2 QES INDEMNITY. QES AGREES TO PROTECT, DEFEND, INDEMNIFY AND HOLD HARMLESS CUSTOMER GROUP FROM AND AGAINST ALL CLAIMS, DEMANDS, AND CAUSES OF ACTION OF EVERY KIND AND CHARACTER, ARISING IN CONNECTION WITH THE SERVICES, ON ACCOUNT OF BODILY INJURY, ILLNESS, OR DEATH OF ANY MEMBER OF QES GROUP OR DAMAGE TO OR LOSS OF PROPERTY OF ANY MEMBER OF QES GROUP.

9.3 CUSTOMER INDEMNITY. CUSTOMER AGREES TO PROTECT, DEFEND, INDEMNIFY AND HOLD HARMLESS QES GROUP FROM AND AGAINST ALL CLAIMS, DEMANDS, AND CAUSES OF ACTION OF EVERY KIND AND CHARACTER, ARISING IN CONNECTION WITH THE SERVICES, ON ACCOUNT OF BODILY INJURY, ILLNESS, OR DEATH OF ANY MEMBER OF CUSTOMER GROUP OR DAMAGE TO OR LOSS OF PROPERTY OF ANY MEMBER OF CUSTOMER GROUP.

9.4 WELL. CUSTOMER WILL RELEASE, PROTECT, DEFEND, AND INDEMNIFY QES GROUP FROM AND AGAINST ALL CLAIMS, DEMANDS AND CAUSES OF ACTION OF EVERY KIND AND CHARACTER IN THE EVENTS OF: (i) LOSS OR DAMAGE TO ANY GEOLOGICAL FORMATION, STRATA OR OIL OR GAS RESERVOIR OR MINERAL OR WATER RESOURCE BENEATH THE SURFACE OF THE LAND OR WATER, (ii) LOSS OR DAMAGE TO THE HOLE OR WELL, (iii)

IMPAIRMENT OF PROPERTY RIGHTS OR OTHER INTERESTS IN OR TO OIL, GAS, MINERAL OR WATER RESOURCES, AND (iv) REGAINING CONTROL OF ANY WILD WELL OR OUT OF CONTROL WELL, UNDERGROUND OR ABOVE THE SURFACE, INCLUDING REMOVAL OF WRECK, DEBRIS, EQUIPMENT, AND HAZARDOUS MATERIALS AND REMEDIATING ENVIRONMENTAL DAMAGE.

9.5 POLLUTION RESPONSIBILITY. Subject to paragraphs 9.2 and 9.3, it is understood and agreed between Customer and QES that the responsibility for pollution shall be as follows:

(a) QES WILL ASSUME RESPONSIBILITY FOR CONTROL AND REMOVAL OF AND WILL PROTECT, DEFEND AND INDEMNIFY CUSTOMER GROUP FROM AND AGAINST ALL CLAIMS, DEMANDS AND CAUSES OF ACTION OF EVERY KIND OF CHARACTER ARISING FROM POLLUTION OR CONTAMINATION WHICH ORIGINATES ABOVE THE SURFACE OF THE LAND OR WATER FROM THE EQUIPMENT OF ANY MEMBER OF QES GROUP MAINTAINED IN QES GROUPS' CARE, CUSTODY AND CONTROL, AND ARISING FROM THE PERFORMANCE OF THE SERVICES.

(b) CUSTOMER WILL ASSUME RESPONSIBILITY FOR CONTROL AND REMOVAL OF AND WILL PROTECT, DEFEND AND INDEMNIFY QES GROUP FROM AND AGAINST ALL CLAIMS, DEMANDS AND CAUSES OF ACTION OF EVERY KIND AND CHARACTER ARISING FROM POLLUTION OTHER THAN THAT DESCRIBED IN SECTION 9.5(A) ABOVE, WHICH MAY OCCUR DURING THE CONDUCT OF OPERATIONS HEREUNDER, INCLUDING, BUT NOT LIMITED TO, POLLUTION RESULTING FROM FIRE, BLOWOUT, CRATERING, SEEPAGE OR OTHER UNCONTROLLED FLOW OF OIL, GAS OR OTHER SUBSTANCE.

9.6 WAIVER OF CONSEQUENTIAL DAMAGES. NOTWITHSTANDING ANY PROVISION TO THE CONTRARY, CUSTOMER AND QES FURTHER AGREE THAT NEITHER PARTY WILL BE LIABLE TO THE OTHER OR EACH OTHER'S RESPECTIVE GROUP FOR ANY CONSEQUENTIAL, INCIDENTAL OR INDIRECT DAMAGES, INCLUDING BUT NOT LIMITED TO, LOSS OF PROFIT, LOSS OF PRODUCTION, REVENUE, OR ANTICIPATED BUSINESS ("LOSSES"). CUSTOMER AGREES TO INDEMNIFY AND HOLD QES GROUP HARMLESS FROM AND AGAINST ANY AND ALL CLAIMS FOR SUCH LOSSES ASSERTED BY MEMBERS OF CUSTOMER GROUP. QES AGREES TO INDEMNIFY AND HOLD CUSTOMER GROUP HARMLESS FROM AND AGAINST ANY AND ALL CLAIMS FOR SUCH LOSSES ASSERTED BY MEMBERS OF QES GROUP.

9.7 EXCEPT AS OTHERWISE EXPRESSLY LIMITED BY THIS AGREEMENT OR BY LAW, ALL RELEASES, INDEMNITY OBLIGATIONS AND OTHER LIABILITIES ASSUMED UNDER THIS AGREEMENT WILL BE WITHOUT LIMIT AND WITHOUT REGARD TO THE CAUSE OR CAUSES, INCLUDING, WITHOUT LIMITATION, PREEXISTING CONDITIONS, UNSEAWORTHINESS, STRICT LIABILITY, WILLFUL MISCONDUCT, AND THE SOLE, JOINT, GROSS, OR CONCURRENT NEGLIGENCE OF ANY PARTY.

9.8. Each Party hereunder agrees to support its indemnity obligations with liability insurance coverage with limits of liability not less than ten million dollars (\$10,000,000). It is the express intention of the Parties that the indemnities contained herein apply to the fullest extent permitted by applicable law, and in no event will a Party's indemnity obligation be limited to the amount of insurance carried by each Party.

THIS SECTION 9 WILL SURVIVE THE TERMINATION OR EXPIRATION OF THIS AGREEMENT.

10. **Insurance.** All insurance policies of either Party, in any way related to the Services, whether or not required by this Agreement, shall to the extent of the risks and liabilities assumed by such party; (i) name the other party group as additional insured (except for worker's compensation, OEE/COW, or professional liability policies), (ii) waive subrogation as to the other party group; and (iii) be primary and non-contributory to any insurance of the other party group.

11. **Force Majeure.** Except the obligation to make payments when due, neither QES nor Customer will be liable nor deemed to be in breach of this Agreement for any delay or failure in performance resulting from the acts of God, civil or military authority, material change of law, any governmental action, acts of public enemy, war, accidents, fires, explosions, earthquakes, floods, failure of transportation, national strikes, acute or unusual labor, material or equipment shortages, or any similar or dissimilar cause beyond the reasonable control of either Party. The Party so affected will as soon as such a cause or event occurs promptly notify the other Party in writing concerning the cause and the estimated effect and take reasonable measures with proper dispatch to remedy the condition. In the event Customer declares a force majeure occurrence, QES will be compensated at the standard daily rate for the materials and personnel that are standing idle as a consequence of the force majeure occurrence until Customer terminates the work order or work resumes.

12. **Governing Law.** This Agreement will be governed by the laws of the State of Texas, without regard to its conflicts of law provisions. The Parties agree to submit to the exclusive jurisdiction of the federal or state courts located in Houston, Harris County, Texas with respect to any and all disputes that arise out of or are related in any way to the subject matter of this Agreement. This Section 12 will survive the termination or expiration of this Agreement.

13. **Independent Contractor.** QES will be an independent contractor with respect to the Services performed, and neither QES nor anyone employed by QES will be deemed for any purpose to be the employee, agent, servant, borrowed servant or representative of Customer.

14. **Severability.** In the event any provision of this Agreement is inconsistent with or contrary to any applicable law, rule or regulation, the provision will be deemed modified to the extent required to comply, and the remaining terms, as modified, will remain in full force and effect.

15. **Waiver.** A waiver on the part of either Party of any breach of any term, provision or condition of this Agreement will not constitute a precedent and not bind either Party hereto to a waiver of any succeeding or other breach of the same or any other term, provision or condition of this Agreement.

16. **Entire Agreement.** This Agreement contains the entire agreement of the Parties with regard to the subject matter hereof and supersedes any prior oral and written agreements, contracts, representations or warranty between the Parties relating to the subject matter hereof. No amendment or modification of this Agreement will be effective unless it is in writing and signed by an authorized representative of each Party. If the Parties enter into a Master Service Agreement, then any term or condition herein which conflicts with the provisions of such Master Service Agreement will be deemed invalid.





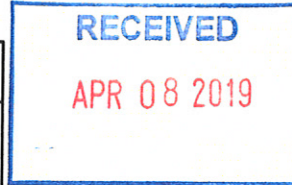
P. O. Box 466  
 Ness City, KS 67560  
 Off: 785-798-2300



# Invoice

DATE	INVOICE #
4/4/2019	32183

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	#2	Pete	Ness	H-D Oilfield	Oil	Development	Acidize Perfs	Blaine

PRICE REF.	DESCRIPTION	QTY	UM	UNIT PRICE	AMOUNT
500D	Mileage - 1 Way	20	Miles	5.00	100.00
501D	Acid Pump Charge	1	Job	650.00	650.00
305 - 15%	MOD 202	250	Gallons	4.65	1,162.50
231	AS-1 ESA-77 (3-N)	1	Gallon(s)	32.00	32.00
236	AS-2 (AS-7)	1	Gallon(s)	44.00	44.00
237	Cla-Sta-1 ESA-52 Or (CS-260)	1	Gallon(s)	30.00	30.00
235	INH.1 ESA-28	1	Gallon(s)	40.00	40.00
	Subtotal				2,058.50
	Sales Tax Ness County			6.50%	0.00

<b>We Appreciate Your Business!</b>	<b>Total</b>	\$2,058.50
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CHARGE TO: Dalemon Peterson  
 ADDRESS \_\_\_\_\_  
 CITY, STATE, ZIP CODE \_\_\_\_\_

TICKET 032183

PAGE 1 OF 1

1. SERVICE LOCATIONS <u>New City KS</u>	WELL/PROJECT NO. <u>12</u>	LEASE <u>Pete</u>	COUNTY/PARISH <u>Ness</u>	STATE <u>KS</u>	CITY <u>New City</u>	DATE <u>9 APR 19</u>	OWNER
2. TICKET TYPE <input type="checkbox"/> SERVICE <input type="checkbox"/> SALES	CONTRACTOR	RIG NAME/NO.	WELL CATEGORY <u>#-3</u>	WELL PURPOSE <u>activate pads</u>	WELL PERMIT NO.	WELL LOCATION	
3. WELL TYPE	<u>oil</u>						
4. REFERRAL LOCATION	INVOICE INSTRUCTIONS						

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	LOC	ACCT	DF	DESCRIPTION	SURVEY			UNIT PRICE	AMOUNT
						QTY.	UM	DISAGREE		
500		1			MILEAGE	20	mi		5.00	100.00
501		1			SRV W/P	1	ea		650.00	650.00
305		1			Pump charge	250	mi		4.65	1162.50
231		1			AS-1	1	ea		32.00	32.00
236		1			AS-2	1	ea		44.00	44.00
237		1			cla-sta	1	ea		30.00	30.00
235		1			Inhib-1	1	ea		40.00	40.00

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

DATE SIGNED for Papp TIME SIGNED  A.M.  P.M.

REMIT PAYMENT TO:

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

OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?	AGREE	UNDECIDED	DISAGREE
WE UNDERSTOOD AND MET YOUR NEEDS?			
OUR SERVICE WAS PERFORMED WITHOUT DELAY?			
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?			
ARE YOU SATISFIED WITH OUR SERVICE?	<input type="checkbox"/> YES	<input type="checkbox"/> NO	

PAGE TOTAL

2058.50

TAX

TOTAL

2058.52

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

SWIFT OPERATOR

APPROVAL

Thank You!

JOB LOG

SWIFT Services, Inc.

DATE 4 APR 19 PAGE NO. 1

CUSTOMER Palomares Petroleum WELL NO. #2 LEASE Pete JOB TYPE acidize pufs TICKET NO. 32183

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
								250 gal MDR 202 5 1/2 casing pufs 4485-91
	0900							on loc TRR 114 swab below pufs
	0922	5	6				∅	Dam hole w/ 6 bbl acid start flush
		5	102				∅	Kickstart on slight vacuum
		5	106					- no longer dropping - 1 bbl above pufs
	0950							wait
	1005						300	pump to 300 psi
								coning off slowly - pump 1 bbl - staging
	1025		107				∅	falls to vacuum - let it go acid on bottom
	1035		114					last bbl - 1 minute on vacuum
	1045							Rack up load = 114
	1058							job complete Thanks Shane & Flint



# SWIFT



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



## Invoice

DATE	INVOICE #
3/24/2019	31886

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

**RECEIVED**  
**MAR 28 2019**

- Acidizing
- Cement
- Tool Rental

TERMS	Well No.	Lease	County	Contractor	Well Type	Well Category	Job Purpose	Operator
Net 30	#2	Pete	Ness	WW Drlg Rig #22	Oil	Development	5 1/2 Longstring	Wayne
PRICE REF.	DESCRIPTION				QTY	UM	UNIT PRICE	AMOUNT
575D	Mileage - 1 Way				30	Miles	5.00	150.00
578D-L	Pump Charge - Long String				1	Job	1,300.00	1,300.00
221	Liquid KCL (Clayfix)				4	Gallon(s)	25.00	100.00T
281	Mud Flush				500	Gallon(s)	1.50	750.00T
403-5	5 1/2" Cement Basket				1	Each	275.00	275.00T
404-5	5 1/2" Port Collar				1	Each	2,500.00	2,500.00T
406-5	5 1/2" Latch Down Plug & Baffle				1	Each	250.00	250.00T
407-5	5 1/2" Insert Float Shoe With Auto Fill				1	Each	325.00	325.00T
409-5	5 1/2" Turbolizer				10	Each	85.00	850.00T
419-4	4 1/2" Rotating Head Rental				1	Each	200.00	200.00T
325	Standard Cement				100	Sacks	13.00	1,300.00T
330	Swift Multi-Density Standard (MIDCON II)				125	Sacks	16.25	2,031.25T
276	Flocele				50	Lb(s)	2.50	125.00T
283	Salt				500	Lb(s)	0.20	100.00T
284	Calseal				5	Sack(s)	35.00	175.00T
285	CFR-1				50	Lb(s)	4.50	225.00T
290	D-Air				3	Gallon(s)	42.00	126.00T
581D	Service Charge Cement				225	Sacks	1.75	393.75
583D	Drayage				343.5	Ton Miles	0.85	291.98
	Subtotal							11,467.98
	Sales Tax Ness County						6.50%	606.60

**We Appreciate Your Business!**

**Total**

\$12,074.58





TICKET 031886

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

PAGE 1 OF 2

SERVICE LOCATIONS  
 1. **Ness City, Ks** WELL/PROJECT NO. **#2** LEASE **PETE** COUNTY/PARISH **Ness** STATE **Ks** CITY  
 2. **W W DAVIS #22** CONTRACTOR **W W Davis** RIG NAME/NO. **Development** SHIPPED **ct** DELIVERED TO **LOCATION** DATE **3-24-19** OWNER **Same**  
 3. **Oil** WELL TYPE **Development** WELL CATEGORY **5 1/2" Longstradd** WELL PERMIT NO.  
 4. **Oil** WELL TYPE **Development** WELL CATEGORY **5 1/2" Longstradd** WELL PERMIT NO. **S/Lopez, Ks**

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.	U/M	QTY.	U/M	UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
575					MILEAGE # 112	30	MI			5.00	150.00
578					PUMP CHARGE - LONGSTRADD	1	TOR	4587	FT	1300.00	1300.00
221					LEASING REL	4	GAL			25.00	100.00
281					MUDFLUSH	500	GAL			1.50	750.00
403					CENSOR BASKETS	1	EA	5 1/2"		275.00	275.00
404					PORT COLLAR TOP ST # 68	1	EA	1720	FT	2500.00	2500.00
406					LATCH DOWN PUG & BARRIE	1	EA			250.00	250.00
407					TRUSSOR FLOAT SHOE W/ AUTO FALL	1	EA			325.00	325.00
409					TURBOLETTERS	10	EA			85.00	850.00
419					ROTATING HEAD RENTAL	1	500g			200.00	200.00

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.  
 DATE SIGNED **3-24-19** TIME SIGNED **1630** P.M.

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

SURVEY

OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?  YES  NO

WE UNDERSTOOD AND MET YOUR NEEDS?  YES  NO

OUR SERVICE WAS PERFORMED WITHOUT DELAY?  YES  NO

WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?  YES  NO

ARE YOU SATISFIED WITH OUR SERVICE?  YES  NO

CUSTOMER DID NOT WISH TO RESPOND

PAGE TOTAL #1 6700.00  
 #2 4767.98  
 TAX 1146.98  
 NESS 650.00  
 TOTAL 12004.58

SWIFT OPERATOR **Wayne Wilson** APPROVAL

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

Thank You!





Seawater, Inc.

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

TICKET CONTINUATION

TICKET No. 031886

CUSTOMER  
Palomares Petroleum

WELL  
Pete # 2

DATE  
3-24-19

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						STANDARD Cement	EA-2	100	SKS		13.00	1300.00	
330						SWIFT Miltz - Density STANDARD		125	SYS		16.25	2031.25	
276						Flocele		50	lbs		2.50	125.00	
283						SALT		500	lbs		20	100.00	
284						Alseal		5	SYS		35.00	175.00	
285						CFR-1		50	lbs		4.50	225.00	
290						D-ADD		3	GAL		42.00	126.00	
581						SERVICE CHARGE					1.75	393.75	
583						MILEAGE CHARGE					1.85	291.98	
TOTAL												343.5	
TOTAL WEIGHT												22900	
LOADED MILES												30	
CUBIC FEET												225	
TON MILES												343.5	
CONTINUATION TOTAL												4767.98	

JOB LOG

SWIFT Services, Inc.

DATE 3-24-19 PAGE NO. 1

CUSTOMER PALOMENO PETROLEUM WELL NO. #2 LEASE PETE JOB TYPE 5 1/2" LONGSTRING TICKET NO. 031886

CHART NO.	TIME	RATE (BPM)	VOLUME (BBLS/GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1630							ON LOCATION
								TD - 4590 SET = 4587
								TP - 4589 5 1/2" # 14
								SJ - 43'
								TURBOZERS - 1, 2, 4, 6, 8, 10, 12, 14, 16, 67
								CMT BSKTS - 68
								PORT COLLAR = 1720' TOP JT # 68
	1730							START 5 1/2" CASING IN WELL
	1925							DROP BALL - CIRCULATE ROTATE
	2025	6	12		✓		400	PUMP 500 GAL MUDFLUSH
	2027	6	20		✓		400	PUMP 20 BBLS KCL FLUSH
	2035		7.5					AVG RH (30 SKS) MH (20 SKS)
	2045	4 1/4	29		✓		300	MIX CEMENT - 75 SKS SMD = 12.5 PPG
		4 1/4	24		✓		200	100 SKS EA-2 = 15.5 PPG
	2100							WASH OUT PUMP - LINES
	2100							RELEASE LATCH DOWN PLUG
	2105	6 1/2	0		✓			DISPLACE PLUG (1ST TANK KCL - WATER)
		6 1/2	108				900	"
	2125	5 1/2	111				1500	PLUG DOWN - PSE UP LATCH IN PLUG
	2130						OK	RELEASE PSE - HELD
								WASH TRUCK
	2230							JOB COMPLETE

THANK YOU  
WAYNE, GIDEON, KIRBY



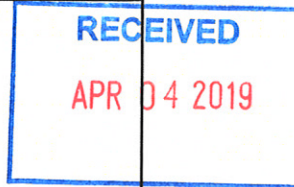


P. O. Box 466  
 Ness City, KS 67560  
 Off: 785-798-2300

# Invoice

DATE	INVOICE #
3/29/2019	32180

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	#2	Pete	Ness	H-D Oilfield Rig ...	Oil	Development	Cement Port Collar	Blaine
PRICE REF.	DESCRIPTION				QTY	UM	UNIT PRICE	AMOUNT
575D	Mileage - 1 Way				20	Miles	5.00	100.00
576D-D	Pump Charge - Deep Surface (> 500 Ft.) & Port Collars				1	Job	1,300.00	1,300.00
330	Swift Multi-Density Standard (MIDCON II)				125	Sacks	16.25	2,031.25T
276	Flocele				25	Lb(s)	2.50	62.50T
290	D-Air				1	Gallon(s)	42.00	42.00T
104	Port Collar Tool Rental				1	Each	200.00	200.00T
581D	Service Charge Cement				200	Sacks	1.75	350.00
582D	Minimum Drayage Charge				1	Each	250.00	250.00
	Subtotal							4,335.75
	Sales Tax Ness County						6.50%	151.82
<b>We Appreciate Your Business!</b>							<b>Total</b>	\$4,487.57



CHARGE TO: Palmino Petroleum  
 ADDRESS  
 CITY, STATE, ZIP CODE

TICKET 032180

CITY, STATE, ZIP CODE

PAGE 1 OF 1

1. SERVICE LOCATIONS <u>WV City KS</u>	WELL/PROJECT NO. <u>#2</u>	LEASE <u>Pete</u>	COUNTY/PARISH <u>ness</u>	STATE <u>KS</u>	CITY <u>ness city</u>	DATE <u>22 MAR 19</u>	OWNER
2. TICKET TYPE <input type="checkbox"/> SERVICE <input type="checkbox"/> SALES	CONTRACTOR	RIG NAME/NO.	SHIPPED VIA <u>CT</u>	DELIVERED TO <u>location</u>	WELL PERMIT NO.	ORDER NO.	
3. WELL TYPE <u>91</u>	WELL CATEGORY <u>Development</u>	JOB PURPOSE <u>convert post collar</u>					
4. REFERRAL LOCATION	INVOICE INSTRUCTIONS						

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	MILEAGE	QTY.			UNIT PRICE	AMOUNT
		LOC	ACCT	DF			QTY.	UM	QTY.		
575							20	in		5.00	100.00
576D					TRUCK		1	ea		1300.00	1300.00
330					TRUCK CHARGE (post collar)		125	SK		16.25	2031.25
276					FLUID		25	lb		2.50	62.50
290					D-air		1	gal		42.00	42.00
104					POST COLLAR DRUMS TOLL RENTAL		5 1/2	in		200.00	1100.00
581					SERVICE CHARGE		200	SK		1.25	250.00
582					Drayage (win)		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.

DATE SIGNED [Signature] TIME SIGNED [Signature]

A.M.  
 P.M.

REMIT PAYMENT TO:

SWIFT SERVICES, INC.

P.O. BOX 466

NESS CITY, KS 67560

785-798-2300

SURVEY

OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?	AGREE	UNDECIDED	DISAGREE
WE UNDERSTOOD AND MET YOUR NEEDS?			
OUR SERVICE WAS PERFORMED WITHOUT DELAY?			
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?			
ARE YOU SATISFIED WITH OUR SERVICE?	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
CUSTOMER DID NOT WISH TO RESPOND			

PAGE TOTAL

4335.75

TOTAL

4461.51

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

SWIFT OPERATOR

APPROVAL

[Signature]

Thank You!



JOB LOG

SWIFT Services, Inc.

DATE 29 MAR 19 PAGE NO. 1

CUSTOMER *Felamiro Petroleum* WELL NO. *#2* LEASE *Pete* JOB TYPE *Cement fast collar* TICKET NO. *32180*

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
								<i>200 sk SMD cement w/ 1/4" flocculants 2 3/4 x 5 1/2 port collar - 1720'</i>
	<i>1250</i>							<i>on loc TRK 114</i>
	<i>1346</i>					<i>1000</i>	<i>1000</i>	<i>Test to 1000 psi - held open fast collar</i>
		<i>3</i>	<i>2</i>			<i>350</i>		<i>inj rate 3 bpm @ 350 psi</i>
	<i>1400</i>	<i>3</i>				<i>350</i>		<i>Mix SMD cement @ 11.2 ppg - circ fluid to surface</i>
		<i>3</i>	<i>7</i>			<i>250</i>		
		<i>3</i>	<i>67</i>			<i>350</i>		<i>→ cement to surface ←</i>
								<i>{ 125 sk mixed 20 to pit }</i>
			<i>9</i>					<i>Displace 9 bbl H<sub>2</sub>O</i>
	<i>1430</i>					<i>1000</i>	<i>1000</i>	<i>close fast collar test to 1000 psi - held Run 4 joints</i>
			<i>20</i>					<i>Reverse hole clean - 2 cement plugs -</i>
	<i>1448</i>							<i>wash truck</i>
								<i>Back up</i>
	<i>1525</i>							<i>job complete</i>
								<i>Counts Blaine, Phil &amp; Rusty</i>