

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
--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	---------------------------------------------------------------------------------------------------------------------

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	PORTER TRUST 1
Doc ID	1356054

All Electric Logs Run

Micro
Borehole Compensated Sonic
Dual Induction
Litho Density Neutron

Form	ACO1 - Well Completion
Operator	Palomino Petroleum, Inc.
Well Name	PORTER TRUST 1
Doc ID	1356054

Tops

Name	Top	Datum
Anhy.	1976	(+ 557)
Base Anhy.	2012	(+ 521)
Heebner	3697	(-1161)
Lansing	3733	(-1200)
Muncie Creek	3888	(-1355)
Stark	3974	(-1441)
BKC	4029	(-1496)
Marmaton	4101	(-1564)
Pawnee	4184	(-1651)
Ft. Scott	4233	(-1700)
Cherokee Sh.	4259	(-1722)
Miss. Dol.	4332	(-1799)
LTD	4518	(-1985)



CONSOLIDATED
Oil Well Services, LLC

REMIT TO

Consolidated Oil Well Services, LLC
Dept:970
P.O.Box 4346
Houston, TX 77210-4346

MAIN OFFICE

RECEIVED

MAR 20 2017

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

Invoice

Invoice#

809832

Invoice Date: 03/16/17

Terms: Net 30

Page 1

PALOMINO PETROLEUM, INC.

4924 SE 84TH STREET
NEWTON KS 67114-8827
USA

Porter Trust #1

Part No	Description	Quantity	Unit Price	Discount(%)	Total
CE0451	Cement Pump Charge 1501' - 3000'	1.000	1,900.0000	35.000	1,235.00
CE0002	Equipment Mileage Charge - Heavy Equipment	35.000	7.1500	35.000	162.66
CE0711	Minimum Cement Delivery Charge	1.000	660.0000	35.000	429.00
CC5829	Lite-Weight Blend V (60:40:4)	240.000	16.0000	35.000	2,496.00
CC6075	Celloflake	60.000	3.0000	35.000	117.00
CC5326	Sodium Chloride, Salt	100.000	0.0000	0.000	0.00
CP8228	8 5/8" Wooden Plug	1.000	165.0000	35.000	107.25
Subtotal					6,995.25
Discounted Amount					2,448.34
SubTotal After Discount					4,546.91
Amount Due 7,350.98 If paid after 04/15/17					
Tax:					231.23
Total:					4,778.14



CONSOLIDATED
Oil Well Services, LLC

1749/7665

TICKET NUMBER 51710

LOCATION Oakley KS

FOREMAN Jerry Y

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

FIELD TICKET & TREATMENT REPORT
CEMENT

Invoice # 809832 KS

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
3-9-17	6285	Porter Trust #1	17	14s	27w	Gove
CUSTOMER			TRUCK #	DRIVER	TRUCK #	DRIVER
Palomino Petro			731	Cory D		
MAILING ADDRESS			472-729	Trauis W		
4924 SE 8th Street						
CITY	STATE	ZIP CODE				
Newton	KS	67114-8827				

JOB TYPE Plug HOLE SIZE 7 7/8 HOLE DEPTH 4515 CASING SIZE & WEIGHT _____
 CASING DEPTH _____ DRILL PIPE 4 1/2 TUBING _____ OTHER _____
 SLURRY WEIGHT 13.8 SLURRY VOL 1.42 WATER gal/sk _____ CEMENT LEFT in CASING _____
 DISPLACEMENT _____ DISPLACEMENT PSI _____ MIX PSI _____ RATE _____

REMARKS: Safety meeting - rig upon WWO plug as ordered with 240 sks
litchford V 1/4" flow seal
50 @ 2000'
100 sks @ 1000'
50 sks @ 275'
10 sks @ 40' with 8 5/8 wooden plug
30 sks Rotok

*Thank you,
Jerry & crew*

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
CE0451	1	PUMP CHARGE	1900 ⁰⁰	1900 ⁰⁰
CE0002	35	MILEAGE	75	250 ⁰⁰
CE0711	10.32	ton mileage delivery min	660 ⁰⁰	660 ⁰⁰
CE5829	1176A 240 sks	litchford V	16 ⁰⁰	3840 ⁰⁰
CC6075	60 #	flow seal	3 ⁰⁰	180 ⁰⁰
CC5326	100 #	salt	NC	NC
CP8228	1	8 5/8 wooden plug	165 ⁰⁰	165 ⁰⁰
			Subtotal	6995 ²⁵
			-358	2448 ³⁹
			Subtotal	4546 ⁹⁴
			8.5%	
			SALES TAX	231.23
			ESTIMATED TOTAL	4778.14

Ravin 9787

AUTHORIZATION

Rich [Signature]

TITLE

DATE



CONSOLIDATED
Oil Well Services, LLC

REMIT TO
Consolidated Oil Well Services, LLC
Dept:970
P.O.Box 4346
Houston, TX 77210-4346

MAIN OFFICE
P.O.Box 884
Chanute, KS 66720
620/431-9210, 1-800/467-8676
Fax 620/431-0012

RECEIVED
MAR 06 2017

Invoice

Invoice# 809728

Invoice Date: 03/02/17

Terms: Net 30

Page 1

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

PORTER TRUST #1

Part No	Description	Quantity	Unit Price	Discount(%)	Total
CE0471	Cement Pump Charge 301' - 500' (Coalbed/Methane)	1.000	1,150.0000	35.000	747.50
CE0002	Equipment Mileage Charge - Heavy Equipment	35.000	7.1500	35.000	162.66
CE0711	Minimum Cement Delivery Charge	1.000	660.0000	35.000	429.00
CC5871	Surface Blend II, 2% Gel/3% CaCl	165.000	23.0000	35.000	2,466.75

Subtotal 5,855.25
Discounted Amount 2,049.34
SubTotal After Discount 3,805.91

Amount Due 6,177.83 If paid after 04/01/17

Tax: 209.68
Total: 4,015.59



CONSOLIDATED
Oil Well Services, LLC

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

7660
7559

TICKET NUMBER 51733
LOCATION Oakley, KS
FOREMAN Walt Dinkel

FIELD TICKET & TREATMENT REPORT
CEMENT

Invoice #89728

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
3-1-17	6285	Porter Trust #1	17	145	27W	Boyer
CUSTOMER <u>Palomino</u>			Park			
MAILING ADDRESS <u>424 SE 84th Street</u>			18-5			
CITY <u>Nuntn</u>			1/4 W			
STATE <u>KS</u>			ZIP CODE <u>67114-8827, S.</u>			
TRUCK #	DRIVER	TRUCK #	DRIVER			
<u>753</u>	<u>Miles Shaw</u>					
<u>772-1129</u>	<u>Steven Odal</u>					

JOB TYPE Surface HOLE SIZE 12 1/4" HOLE DEPTH 218' 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 1.5-20'
 DISPLACEMENT 12 3/4 DISPLACEMENT PSI _____ MIX PSI _____ RATE 4 BPM

REMARKS: Safety Meeting, Rig up on WW #10, Circ casing on bottom.
Mixed 165 SKS com, 3% cc - 2% fuel, Displaced 12 3/4 BBL H₂O
Shot in

Cement Did Circ

Approx 3 BBL to RL

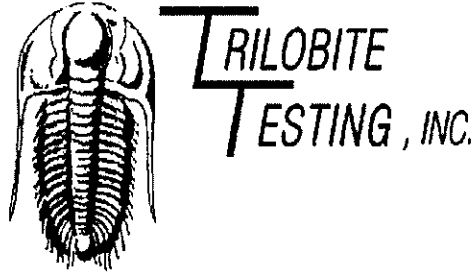
Thank you
Walt & Crew

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
<u>Ce0491</u>	<u>1</u>	<u>PUMP CHARGE</u>	<u>1,150.00</u>	<u>1,150.00</u>
<u>Ce0002</u>	<u>35</u>	<u>MILEAGE</u>	<u>7.15</u>	<u>250.25</u>
<u>Ce0711</u>	<u>7.76</u>	<u>Ton Mileage Delivery</u>	<u>1.75</u>	<u>660.00</u>
<u>CC5871</u>	<u>165 SKS</u>	<u>Surface Blend II</u>	<u>23.00</u>	<u>3,795.00</u>
				<u>5,855.25</u>
		<u>Less 3.5% Disc</u>		<u>2,049.34</u>
				<u>3,805.91</u>
			<u>SALES TAX</u>	<u>209.68</u>
			<u>ESTIMATED TOTAL</u>	<u>4015.59</u>

Ravin 3737

AUTHORIZATION Pick Helgren TITLE _____ DATE _____

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.



DRILL STEM TEST REPORT

Prepared For: **Palomino Petroleum**

4924 SE 84th St.
Newton KS 67114

ATTN: Ryan Seib

Porter Trust #1

17-14s-27w Gove,KS

Start Date: 2017.03.05 @ 18:16:15

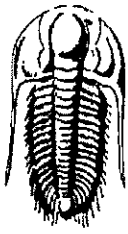
End Date: 2017.03.06 @ 00:16:45

Job Ticket #: 61340 DST #: 1

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

Printed: 2017.03.10 @ 08:50:17

Palomino Petroleum
17-14s-27w Gove,KS
Porter Trust #1
DST # 1
LKC H-1
2017.03.05



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Palomino Petroleum

17-14s-27w Gove,KS

4924 SE 84th St.
New ton KS 67114

Porter Trust #1

Job Ticket: 61340

DST#: 1

ATTN: Ryan Seib

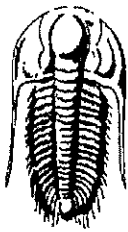
Test Start: 2017.03.05 @ 18:16:15

Tool Information

Drill Pipe:	Length: 3748.00 ft	Diameter: 3.80 inches	Volume: 52.57 bbl	Tool Weight: 1500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 124.00 ft	Diameter: 2.25 inches	Volume: 0.61 bbl	Weight to Pull Loose: 90000.00 lb
			<u>Total Volume: 53.18 bbl</u>	Tool Chased 10.00 ft
Drill Pipe Above KB:	20.00 ft			String Weight: Initial 60000.00 lb
Depth to Top Packer:	3880.00 ft			Final 60000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	55.00 ft			
Tool Length:	83.00 ft			
Number of Packers:	2	Diameter: 7.88 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3853.00	
Shut In Tool	5.00			3858.00	
Hydraulic tool	5.00			3863.00	
Jars	5.00			3868.00	
Safety Joint	3.00			3871.00	
Packer	5.00			3876.00	28.00 Bottom Of Top Packer
Packer	4.00			3880.00	
Stubb	1.00			3881.00	
Perforations	1.00			3882.00	
Change Over Sub	1.00			3883.00	
Drill Pipe	31.00			3914.00	
Change Over Sub	1.00			3915.00	
Recorder	0.00	8672	Inside	3915.00	
Recorder	0.00	6749	Outside	3915.00	
Perforations	15.00			3930.00	
Bullnose	5.00			3935.00	55.00 Bottom Packers & Anchor
Total Tool Length:	83.00				



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Palomino Petroleum

17-14s-27w Gove, KS

4924 SE 84th St.
New ton KS 67114

Porter Trust #1

Job Ticket: 61340

DST#: 1

ATTN: Ryan Seib

Test Start: 2017.03.05 @ 18:16:15

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 56.00 sec/qt

Cushion Volume:

bbf

Water Loss: 7.16 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 2000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbf
186.00	ocm 3% o 97%m	1.480

Total Length: 186.00 ft Total Volume: 1.480 bbf

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

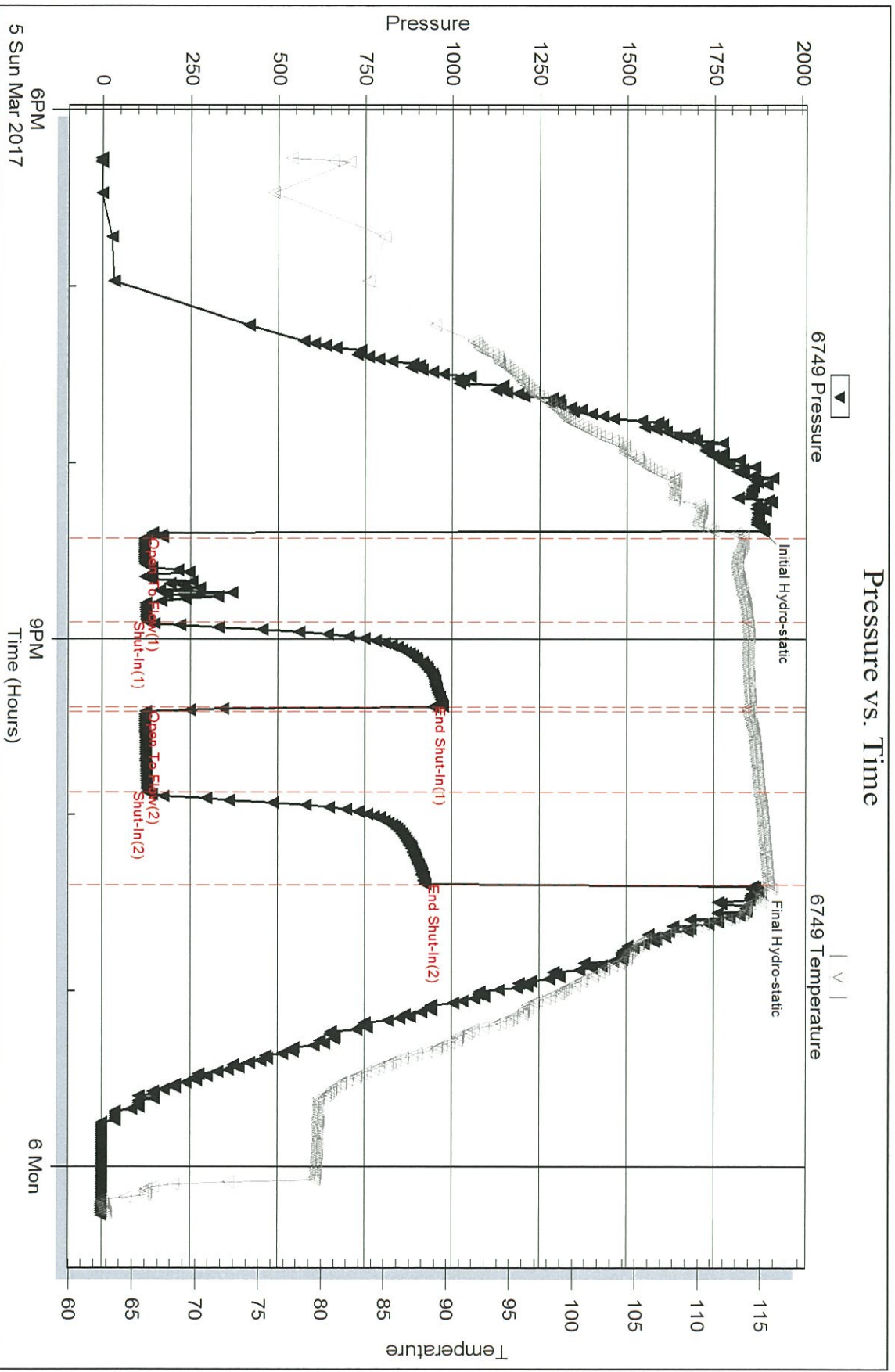
Recovery Comments:

Serial #: 6749

Outside Palomino Petroleum

Porter Trust #1

DST Test Number: 1



Trilobite Testing, Inc

Ref. No: 61340

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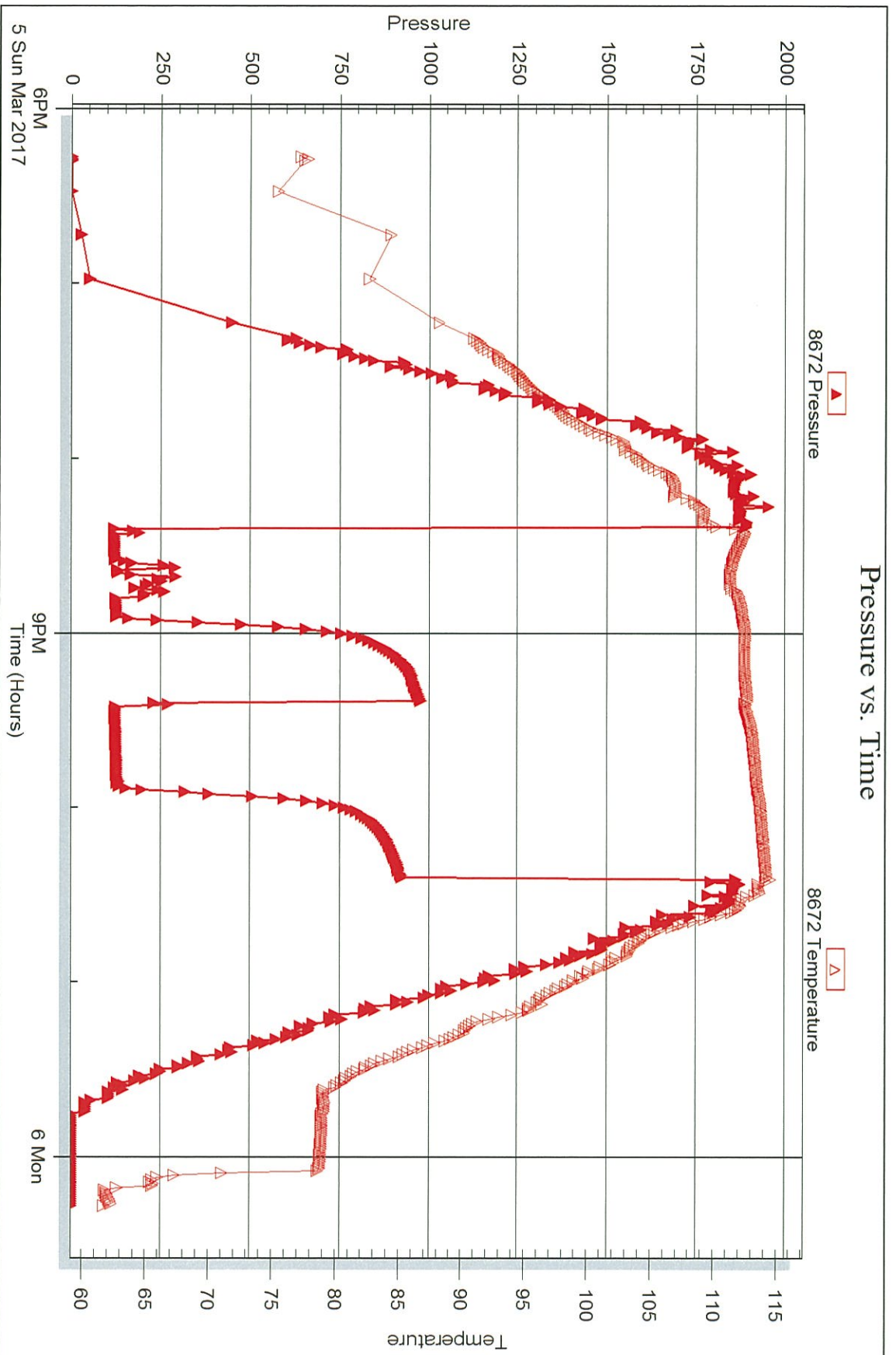
Serial #: 8672

Inside

Palomino Petroleum

Porter Trust #1

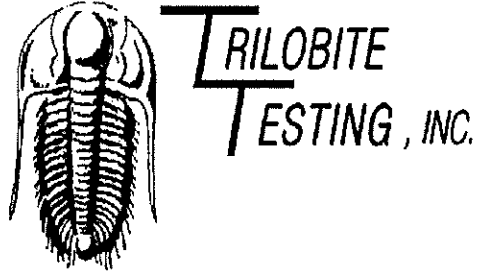
DST Test Number: 1



Trilobite Testing, Inc

Ref. No: 61340

Printed: 2017.03.10 @ 08:50:18



DRILL STEM TEST REPORT

Prepared For: **Palomino Petroleum**

4924 SE 84th St.
Newton KS 67114

ATTN: Ryan Seib

Porter Trust #1

17-14s-27w Gove,KS

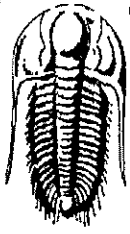
Start Date: 2017.03.06 @ 15:00:15

End Date: 2017.03.06 @ 20:48:45

Job Ticket #: 61341 DST #: 2

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

Printed: 2017.03.10 @ 08:49:44



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Palomino Petroleum

17-14s-27w Gove, KS

4924 SE 84th St.
New ton KS 67114

Porter Trust #1

Job Ticket: 61341

DST#: 2

ATTN: Ryan Seib

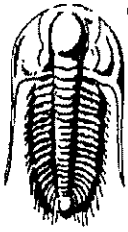
Test Start: 2017.03.06 @ 15:00:15

Tool Information

Drill Pipe:	Length: 3817.00 ft	Diameter: 3.80 inches	Volume: 53.54 bbl	Tool Weight: 1500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 124.00 ft	Diameter: 2.25 inches	Volume: 0.61 bbl	Weight to Pull Loose: 80000.00 lb
			<u>Total Volume: 54.15 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	29.00 ft			String Weight: Initial 60000.00 lb
Depth to Top Packer:	3940.00 ft			Final 60000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	95.00 ft			
Tool Length:	123.00 ft			
Number of Packers:	2	Diameter: 7.88 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3913.00	
Shut In Tool	5.00			3918.00	
Hydraulic tool	5.00			3923.00	
Jars	5.00			3928.00	
Safety Joint	3.00			3931.00	
Packer	5.00			3936.00	28.00 Bottom Of Top Packer
Packer	4.00			3940.00	
Stubb	1.00			3941.00	
Perforations	4.00			3945.00	
Change Over Sub	1.00			3946.00	
Drill Pipe	63.00			4009.00	
Change Over Sub	1.00			4010.00	
Recorder	0.00	8672	Inside	4010.00	
Recorder	0.00	6749	Outside	4010.00	
Perforations	20.00			4030.00	
Bullnose	5.00			4035.00	95.00 Bottom Packers & Anchor
Total Tool Length:	123.00				



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Palomino Petroeum

17-14s-27w Gove,KS

4924 SE 84th St.
New ton KS 67114

Porter Trust #1

Job Ticket: 61341

DST#: 2

ATTN: Ryan Seib

Test Start: 2017.03.06 @ 15:00:15

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 53.00 sec/qt

Water Loss: 7.96 in³

Resistivity: 0.00 ohm.m

Salinity: 2400.00 ppm

Filter Cake: 1.00 inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API:

0 deg API

Water Salinity: 0 ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
62.00	mud w ith oil spots in tool	0.305

Total Length: 62.00 ft Total Volume: 0.305 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

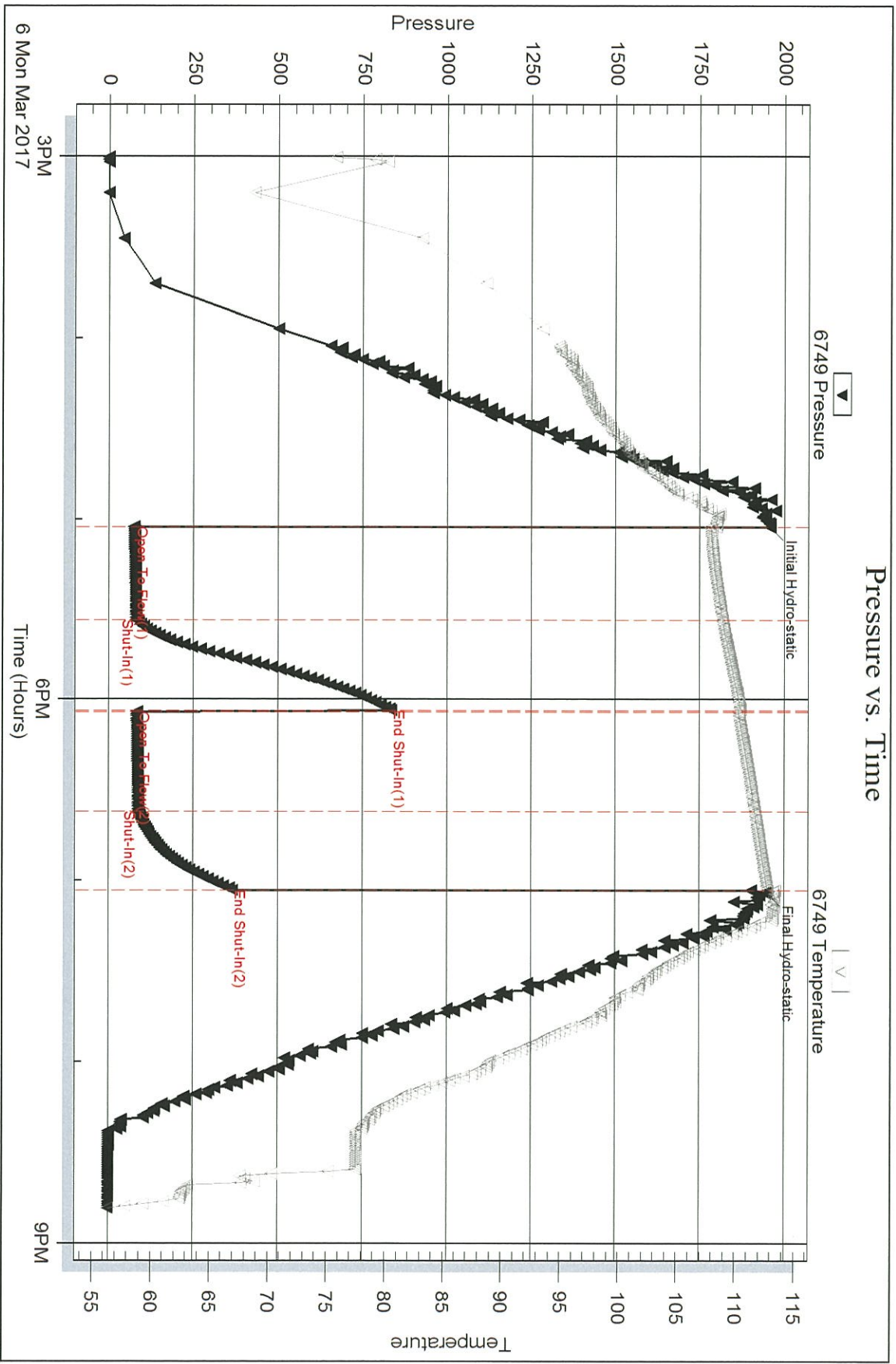
Recovery Comments:

Serial #: 6749

Outside Palomino Petroleum

Porter Trust #1

DST Test Number: 2



Trilobite Testing, Inc

Ref. No: 61341

Printed: 2017.03.10 @ 08:49:46

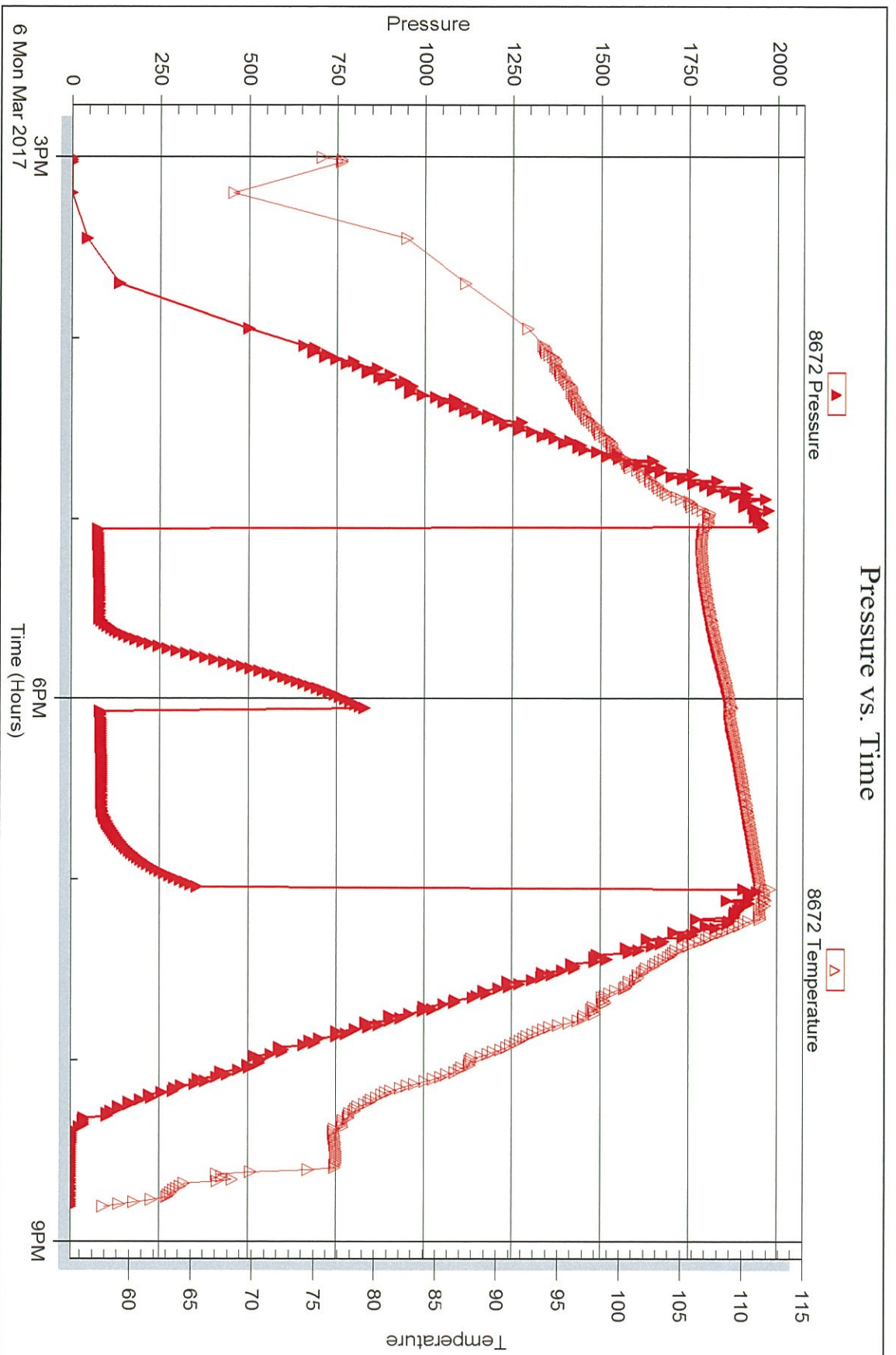
Serial #: 8672

Inside

Palomino Petroleum

Porter Trust #1

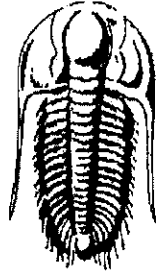
DST Test Number: 2



Trilobite Testing, Inc

Ref. No: 61341

Printed: 2017.03.10 @ 08:49:46



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Palomino Petroleum**

4924 SE 84th St.
Newton KS 67114

ATTN: Ryan Seib

Porter Trust #1

17-14s-27w Gove,KS

Start Date: 2017.03.07 @ 12:56:15

End Date: 2017.03.07 @ 19:56:15

Job Ticket #: 61342 DST #: 3

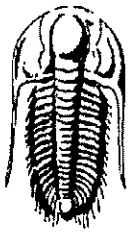
Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2017.03.10 @ 08:49:14

Palomino Petroleum
17-14s-27w Gove,KS
Porter Trust #1
DST # 3
Marmaton
2017.03.07



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Palomino Petroleum
 4924 SE 84th St.
 Newton KS 67114
 ATTN: Ryan Seib

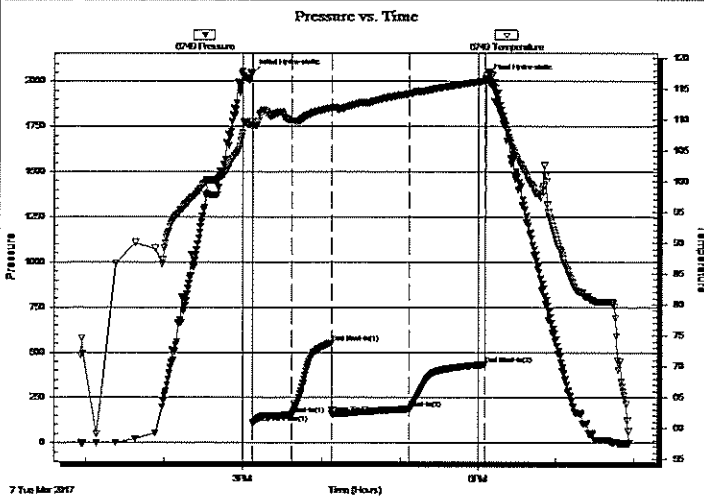
17-14s-27w Gove,KS
Porter Trust #1
 Job Ticket: 61342 **DST#: 3**
 Test Start: 2017.03.07 @ 12:56:15

GENERAL INFORMATION:

Formation: **Marmaton**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 15:07:30
 Time Test Ended: 19:56:15
 Interval: **4018.00 ft (KB) To 4175.00 ft (KB) (TVD)**
 Total Depth: **4175.00 ft (KB) (TVD)**
 Hole Diameter: **7.88 inches** Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Mike Roberts
 Unit No: 81
 Reference Elevations: 2533.00 ft (KB)
 2527.00 ft (CF)
 KB to GR/CF: 6.00 ft

Serial #: 6749 **Outside**
 Press@RunDepth: 186.52 psig @ 4150.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2017.03.07 End Date: 2017.03.07 Last Calib.: 2017.03.07
 Start Time: 12:56:15 End Time: 19:56:15 Time On Btm: 2017.03.07 @ 15:07:15
 Time Off Btm: 2017.03.07 @ 18:06:45

TEST COMMENT: IF:BOB in 24 min.
 IS:No return blow
 FF:BOB in 40 min.
 FS:No return blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2045.27	109.66	Initial Hydro-static
1	108.31	108.79	Open To Flow (1)
30	156.84	109.85	Shut-In(1)
60	551.42	111.91	End Shut-In(1)
61	162.27	111.85	Open To Flow (2)
120	186.52	114.21	Shut-In(2)
179	433.77	116.29	End Shut-In(2)
180	2015.93	117.23	Final Hydro-static

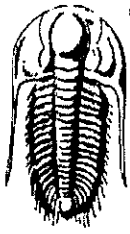
Recovery

Length (ft)	Description	Volume (bbl)
124.00	gcom 30%g 30%0 40%m (collars)	0.61
124.00	ocm 3%o 97%m	1.74

* 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
4924 SE 84th St.
New ton KS 67114
ATTN: Ryan Seib

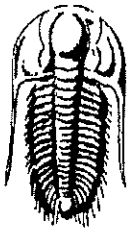
17-14s-27w Gove,KS
Porter Trust #1
Job Ticket: 61342 DST#: 3
Test Start: 2017.03.07 @ 12:56:15

Tool Information

Drill Pipe:	Length: 3883.00 ft	Diameter: 3.80 inches	Volume: 54.47 bbl	Tool Weight: 1500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 124.00 ft	Diameter: 2.25 inches	Volume: 0.61 bbl	Weight to Pull Loose: 90000.00 lb
			<u>Total Volume: 55.08 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	17.00 ft			String Weight: Initial 62000.00 lb
Depth to Top Packer:	4018.00 ft			Final 63000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	157.00 ft			
Tool Length:	185.00 ft			
Number of Packers:	2	Diameter: 7.88 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3991.00	
Shut In Tool	5.00			3996.00	
Hydraulic tool	5.00			4001.00	
Jars	5.00			4006.00	
Safety Joint	3.00			4009.00	
Packer	5.00			4014.00	28.00 Bottom Of Top Packer
Packer	4.00			4018.00	
Stubb	1.00			4019.00	
Perforations	3.00			4022.00	
Change Over Sub	1.00			4023.00	
Drill Pipe	126.00			4149.00	
Change Over Sub	1.00			4150.00	
Recorder	0.00	8672	Inside	4150.00	
Recorder	0.00	6749	Outside	4150.00	
Perforations	20.00			4170.00	
Bullnose	5.00			4175.00	157.00 Bottom Packers & Anchor
Total Tool Length:	185.00				



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Palomino Petroleum

17-14s-27w Gove, KS

4924 SE 84th St.
New ton KS 67114

Porter Trust #1

Job Ticket: 61342

DST#: 3

ATTN: Ryan Seib

Test Start: 2017.03.07 @ 12:56:15

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	0 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	0 ppm
Viscosity: 52.00 sec/qt	Cushion Volume: bbl		
Water Loss: 8.77 in ³	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 2500.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
124.00	gcom 30%g 30%o 40%m (collars)	0.610
124.00	ocm 3%o 97%m	1.739

Total Length: 248.00 ft Total Volume: 2.349 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

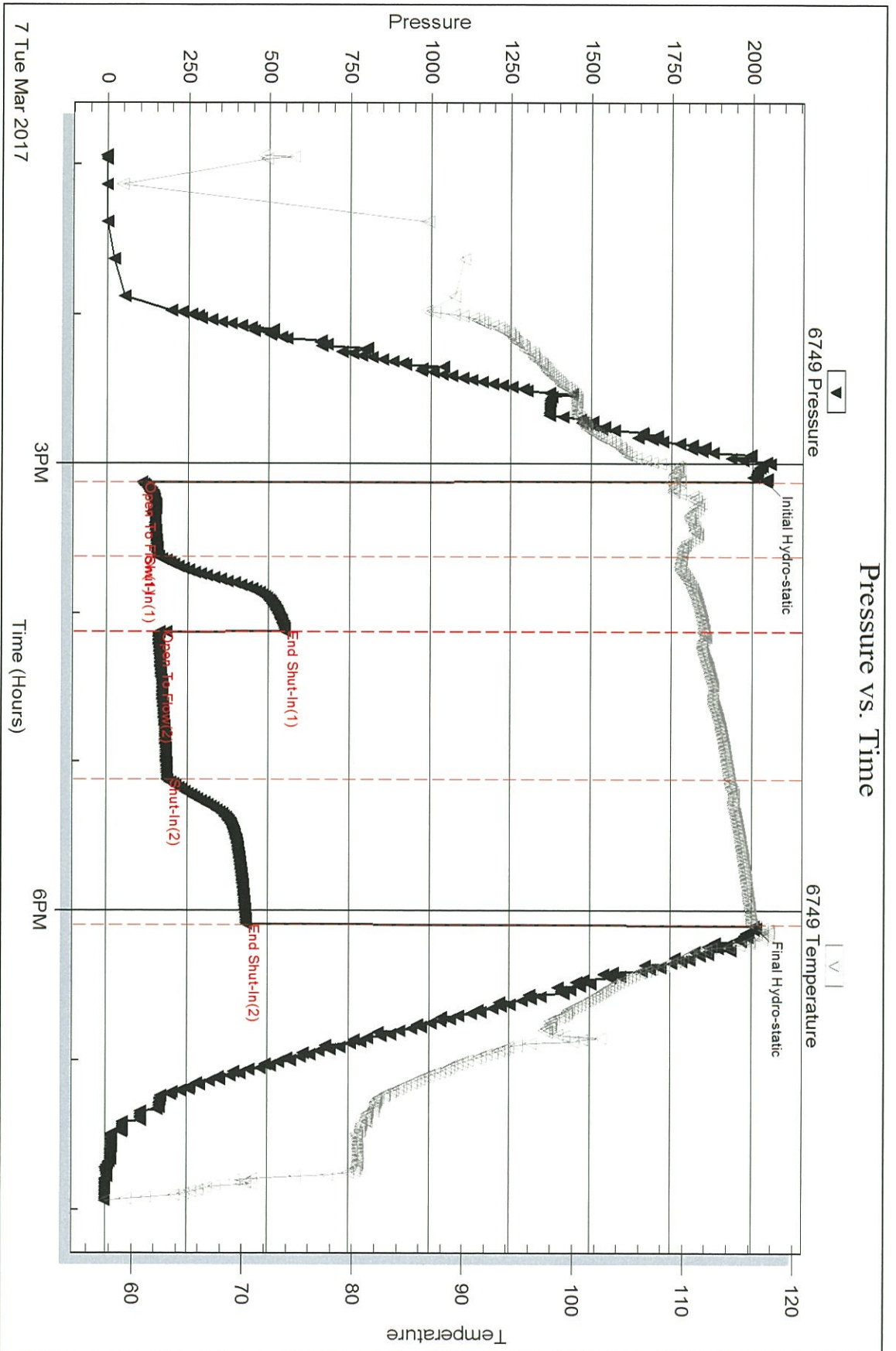
Serial #: 6749

Outside

Palomino Petroleum

Porter Trust #1

DST Test Number: 3



Trilobite Testing, Inc

Ref. No: 61342

Printed: 2017.03.10 @ 08:49:14

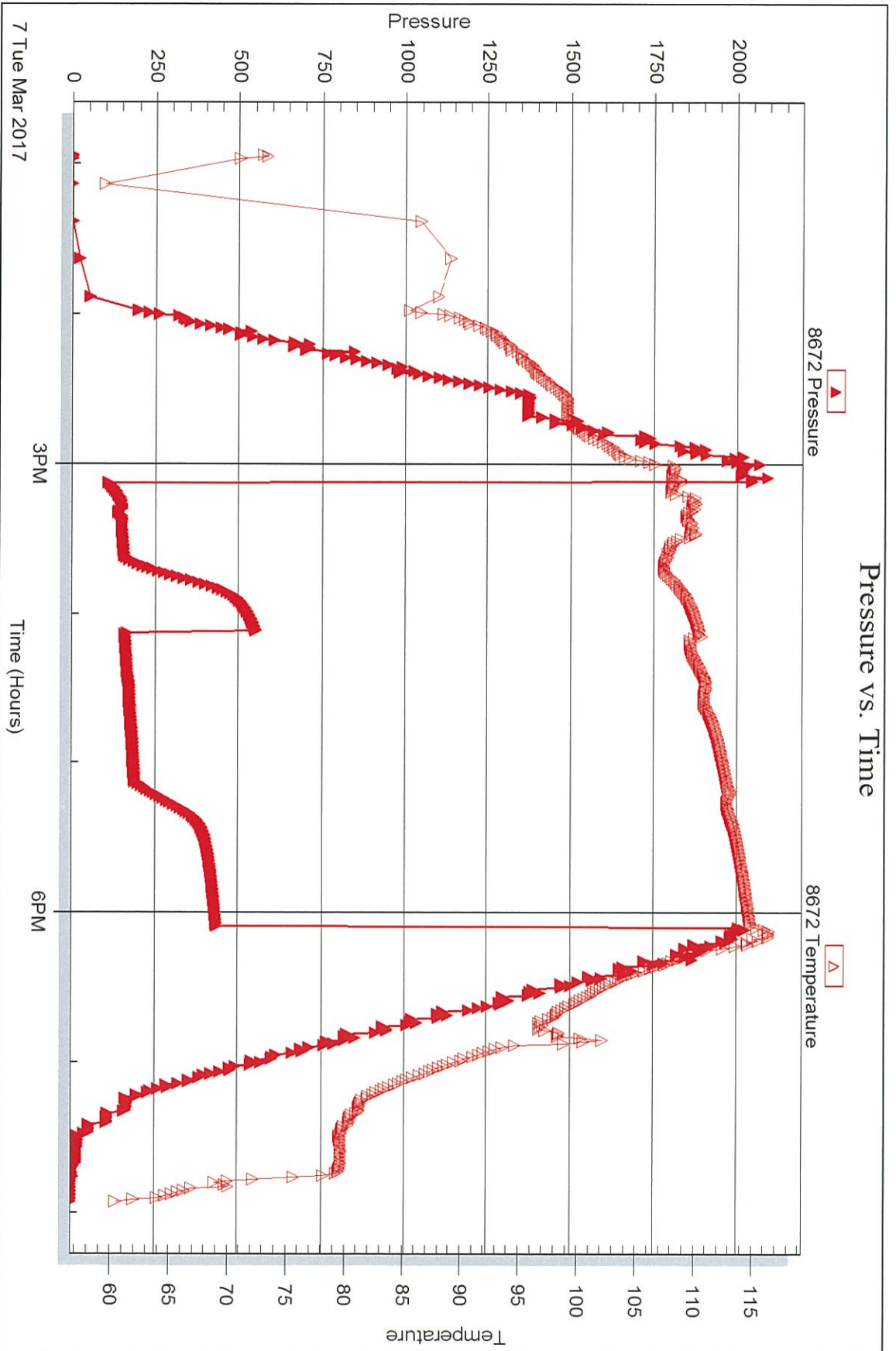
Serial #: 8672

Inside

Palomino Petroleum

Porter Trust #1

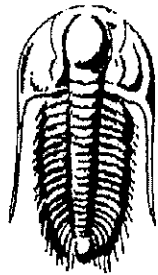
DST Test Number: 3



Trilobite Testing, Inc

Ref. No: 61342

Printed: 2017.03.10 @ 08:49:14



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Palomino Petroleum**

4924 SE 84th St.
Newton KS 67114

ATTN: Ryan Seib

Porter Trust #1

17-14s-27w Gove,KS

Start Date: 2017.03.08 @ 15:00:15

End Date: 2017.03.08 @ 20:24:45

Job Ticket #: 61343 DST #: 4

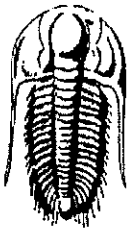
Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2017.03.10 @ 08:48:51

Palomino Petroleum
17-14s-27w Gove,KS
Porter Trust #1
DST # 4
Mississippi
2017.03.08



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Palomino Petroleum
4924 SE 84th St.
New ton KS 67114
ATTN: Ryan Seib

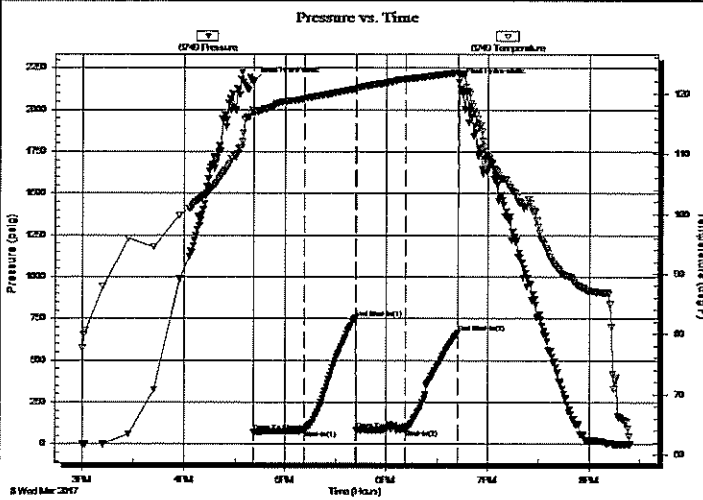
17-14s-27w Gove,KS
Porter Trust #1
Job Ticket: 61343 **DST#: 4**
Test Start: 2017.03.08 @ 15:00:15

GENERAL INFORMATION:

Formation: **Mississippi**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 16:41:00
Time Test Ended: 20:24:45
Interval: **4254.00 ft (KB) To 4365.00 ft (KB) (TVD)**
Total Depth: **4365.00 ft (KB) (TVD)**
Hole Diameter: **7.88 inches** Hole Condition: Fair
Test Type: Conventional Bottom Hole (Reset)
Tester: Mike Roberts
Unit No: 81
Reference Elevations: 2533.00 ft (KB)
2527.00 ft (CF)
KB to GR/CF: 6.00 ft

Serial #: 6749 **Outside**
Press@RunDepth: 86.01 psig @ 4355.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2017.03.08 End Date: 2017.03.08 Last Calib.: 2017.03.08
Start Time: 15:00:15 End Time: 20:24:45 Time On Btm: 2017.03.08 @ 16:40:45
Time Off Btm: 2017.03.08 @ 18:42:45

TEST COMMENT: IF:Weak surface blow and died in 2 min.
IS:No return blow
FF:No blow
FS:No return blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2167.78	117.23	Initial Hydro-static
1	71.21	116.69	Open To Flow (1)
31	80.65	119.17	Shut-In(1)
61	754.01	120.76	End Shut-In(1)
62	82.07	120.68	Open To Flow (2)
91	86.01	122.43	Shut-In(2)
122	663.22	123.52	End Shut-In(2)
122	2166.36	123.38	Final Hydro-static

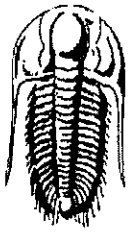
Recovery

Length (ft)	Description	Volume (bbl)
5.00	100% m	0.02

* 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

17-14s-27w Gove, KS

4924 SE 84th St.
New ton KS 67114

Porter Trust #1

Job Ticket: 61343

DST#: 4

ATTN: Ryan Seib

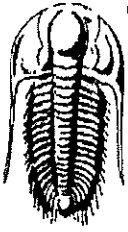
Test Start: 2017.03.08 @ 15:00:15

Tool Information

Drill Pipe:	Length: 4134.00 ft	Diameter: 3.80 inches	Volume: 57.99 bbl	Tool Weight: 1500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 124.00 ft	Diameter: 2.25 inches	Volume: 0.61 bbl	Weight to Pull Loose: 80000.00 lb
			<u>Total Volume: 58.60 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	32.00 ft			String Weight: Initial 63000.00 lb
Depth to Top Packer:	4254.00 ft			Final 63000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	111.00 ft			
Tool Length:	139.00 ft			
Number of Packers:	2	Diameter: 7.88 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4227.00	
Shut In Tool	5.00			4232.00	
Hydraulic tool	5.00			4237.00	
Jars	5.00			4242.00	
Safety Joint	3.00			4245.00	
Packer	5.00			4250.00	28.00 Bottom Of Top Packer
Packer	4.00			4254.00	
Stubb	1.00			4255.00	
Perforations	3.00			4258.00	
Change Over Sub	1.00			4259.00	
Drill Pipe	95.00			4354.00	
Change Over Sub	1.00			4355.00	
Recorder	0.00	8672	Inside	4355.00	
Recorder	0.00	6749	Outside	4355.00	
Perforations	5.00			4360.00	
Bullnose	5.00			4365.00	111.00 Bottom Packers & Anchor
Total Tool Length:	139.00				



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Palomino Petroleum

17-14s-27w Gove, KS

4924 SE 84th St.
New ton KS 67114

Porter Trust #1

Job Ticket: 61343

DST#: 4

ATTN: Ryan Seib

Test Start: 2017.03.08 @ 15:00:15

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	0 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	0 ppm
Viscosity: 59.00 sec/qt	Cushion Volume: bbl		
Water Loss: 8.18 in ³	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 3000.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	100% _m	0.025

Total Length: 5.00 ft Total Volume: 0.025 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments:

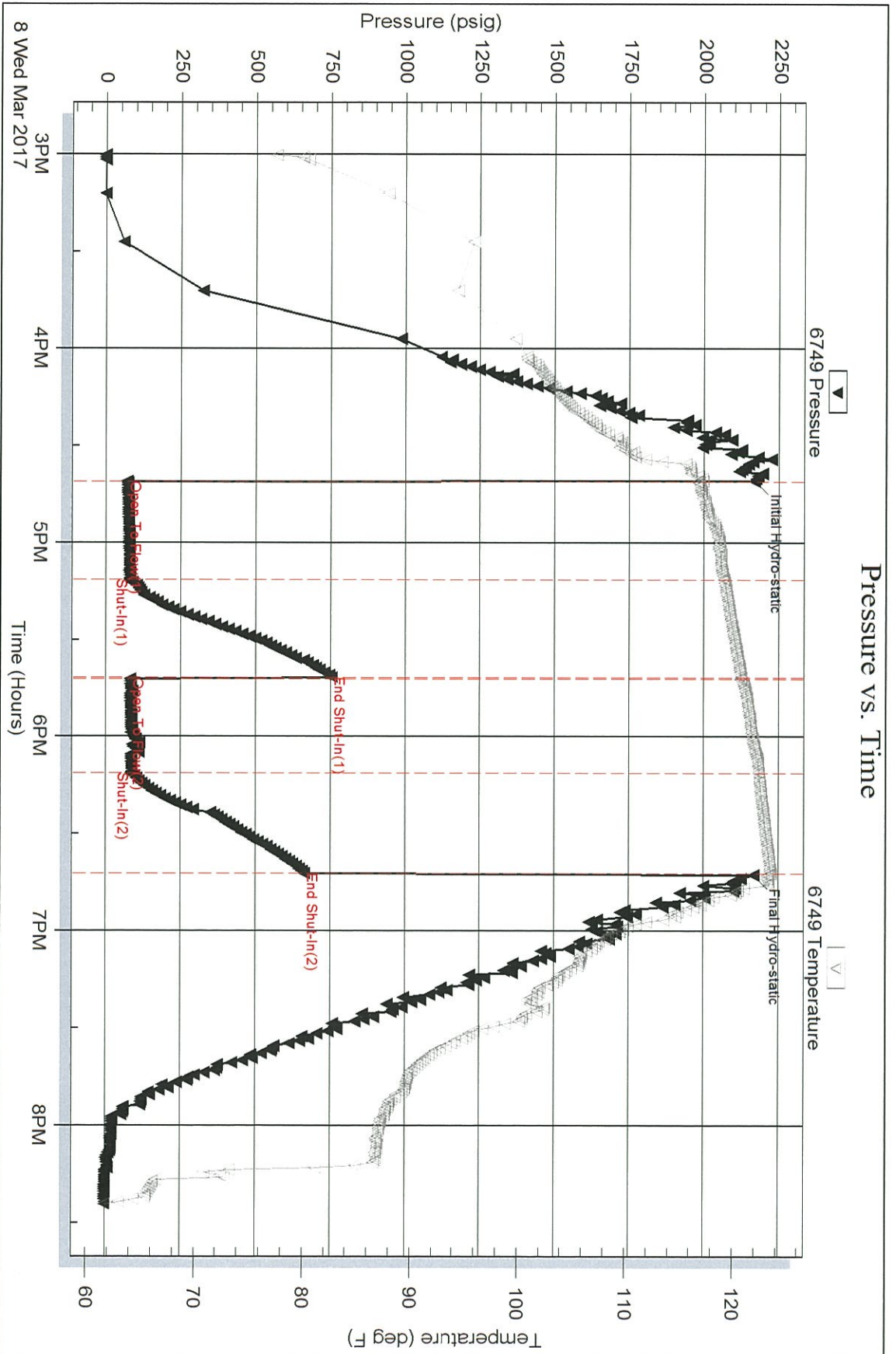
Serial #: 6749

Outside Palomino Petroleum

Porter Trust #1

DST Test Number: 4

Pressure vs. Time



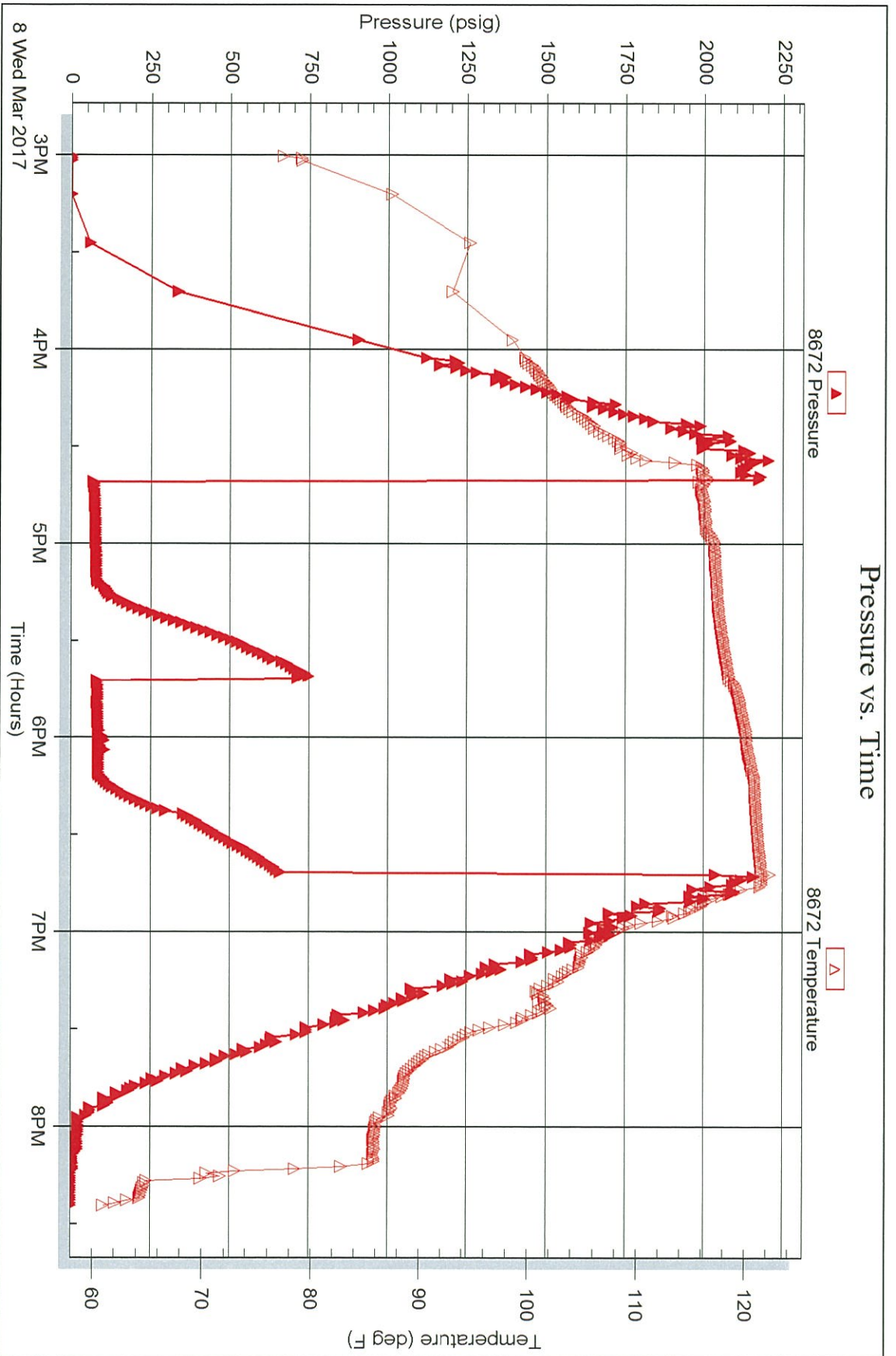
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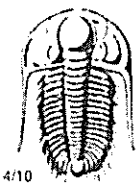
Inside

Palomino Petroleum

Porter Trust #1

DST Test Number: 4





TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 61340

Well Name & No. Porter Trust #1 Test No. 1 Date 4-5-17
 Company Palomino Petroleum Elevation 2533 KB 2527 GL
 Address 4924 SE 84th St Newton KS 67114
 Co. Rep / Geo. Ryan Seib Rig WW10
 Location: Sec. 17 Twp. 14s Rge 27W Co. Gove State KS

Interval Tested 3880-3935 Zone Tested H 4 I
 Anchor Length 55 Drill Pipe Run 3748 Mud Wt. 8.6
 Top Packer Depth 3875 Drill Collars Run 124 Vis 56
 Bottom Packer Depth 3880 Wt. Pipe Run Ø WL 7.2
 Total Depth 3935 Chlorides 2000 ppm System LCM 2
 Blow Description IF: Built to 1" died to 1/2" Blow
IS: No Return Blow
FF: Built to 1/2" Blow
FS: No Return Blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>186</u>	<u>OCM</u>	<u>3</u>		<u>97</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

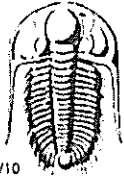
Rec Total 186 BHT 115 Gravity — API RW — @ — ° F Chlorides — ppm

(A) Initial Hydrostatic <u>1889</u>	<input checked="" type="checkbox"/> Test <u>"1050.00/-</u>	T-On Location <u>17:30</u>
(B) First Initial Flow <u>120</u>	<input checked="" type="checkbox"/> Jars <u>"250.00/-</u>	T-Started <u>18:16</u>
(C) First Final Flow <u>128</u>	<input checked="" type="checkbox"/> Safety Joint <u>"75.00/-</u>	T-Open <u>20:25</u>
(D) Initial Shut-In <u>943</u>	<input checked="" type="checkbox"/> Circ Sub <u>NC</u>	T-Pulled <u>22:25</u>
(E) Second Initial Flow <u>123</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>00:16</u>
(F) Second Final Flow <u>127</u>	<input checked="" type="checkbox"/> Mileage <u>110RT: "82.5/-</u>	Comments
(G) Final Shut-In <u>922</u>	<input type="checkbox"/> Sampler	
(H) Final Hydrostatic <u>1869</u>	<input type="checkbox"/> Straddle	<input type="checkbox"/> Ruined Shale Packer
	<input type="checkbox"/> Shale Packer	<input type="checkbox"/> Ruined Packer
	<input type="checkbox"/> Extra Packer	<input type="checkbox"/> Extra Copies
	<input type="checkbox"/> Extra Recorder	Sub Total <u>0</u>
	<input type="checkbox"/> Day Standby	Total <u>1457.50</u>
	<input type="checkbox"/> Accessibility	MP/DST Disc't
	Sub Total <u>\$1457.50/-</u>	

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

Approved By [Signature] 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. 61341

Well Name & No. Porter Trust #1 Test No. 2 Date 4-6-17
 Company Palomino Petroleum Elevation 2532 KB 2527 GL
 Address 4924 SE 84th St. Newton KS 67114
 Co. Rep / Geo. Ryan Seib Rig WW10
 Location: Sec. 17 Twp. 14s Rge. 27W Co. Grave State KS

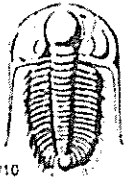
Interval Tested 3940-4035 Zone Tested J-L
 Anchor Length 95 Drill Pipe Run 3817 Mud Wt. 9.0
 Top Packer Depth 3935 Drill Collars Run 124 Vis 53
 Bottom Packer Depth 3940 Wt. Pipe Run 0 WL 8.0
 Total Depth 4035 Chlorides 2400 ppm System LCM 2
 Blow Description IF: Built to weak surface + Dead
IS: No Return Blow
FF: No Blow
FS: No Return Blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>62</u>	<u>MUD oil spots in tool</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 62 BHT 112 Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic 1958 Test \$1150.00/- T-On Location 14:30
 (B) First Initial Flow 73 Jars \$290.00/- T-Started 15:00
 (C) First Final Flow 79 Safety Joint \$75.00/- T-Open 17:03
 (D) Initial Shut-In 833 Circ Sub NC T-Pulled 19:03
 (E) Second Initial Flow 82 Hourly Standby _____ T-Out 20:48
 (F) Second Final Flow 86 Mileage 110RT = \$82.50/- Comments _____
 (G) Final Shut-In 365 Sampler _____
 (H) Final Hydrostatic 1948 Straddle _____ Ruined Shale Packer _____
 Shale Packer _____ Ruined Packer _____
 Extra Packer _____ Extra Copies _____
 Initial Open 30 Extra Recorder _____ Sub Total 0
 Initial Shut-In 30 Day Standby _____ Total 1557.50
 Final Flow 30 Accessibility _____ MP/DST Disc't _____
 Final Shut-In 30 Sub Total \$1557.50/-

Approved By _____ Our Representative Mike Roberts
 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. 61342

Well Name & No. Parker Trust #1 Test No. 3 Date 4-7-17
 Company Palomino Petroleum Elevation 2532 KB 2527 GL
 Address 4924 SE 84th St Newton KS 67114
 Co. Rep / Geo. Ryan Seib Rig WW10
 Location: Sec. 17 Twp. 14S Rge. 27W Co. Crowe State KS

Interval Tested 4018-4175 Zone Tested Marmaton
 Anchor Length 157 Drill Pipe Run 3883 Mud Wt. 9.1
 Top Packer Depth 4013 Drill Collars Run 124 Vis 52
 Bottom Packer Depth 4018 Wt. Pipe Run 0 WL 8.8
 Total Depth 4175 Chlorides 2500 ppm System LCM 1

Blow Description IF: BOB IN 24 MIN
ES: No Return Blow
FF: BOB IN 40 MIN
FS: No Return Blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>124</u>	<u>OCM</u>	<u>3</u>		<u>97</u>	
<u>124</u>	<u>geom (collars)</u>	<u>30</u>	<u>30</u>	<u>40</u>	
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

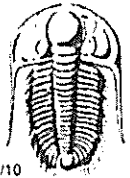
Rec Total 248 BHT 116 Gravity API RW @ — °F Chlorides — ppm
 (A) Initial Hydrostatic 2045 Test 1150.00% T-On Location 12:40
 (B) First Initial Flow 108 Jars 250.00% T-Started 12:56
 (C) First Final Flow 156 Safety Joint 75.00% T-Open 15:07
 (D) Initial Shut-In 551 Circ Sub _____ T-Pulled 18:07
 (E) Second Initial Flow 162 Hourly Standby _____ T-Out 19:56
 (F) Second Final Flow 186 Mileage 11025 = 82.50% Comments _____
 (G) Final Shut-In 433 Sampler _____
 (H) Final Hydrostatic 2015 Straddle _____
 Shale Packer _____
 Extra Packer _____
 Extra Recorder _____
 Day Standby _____
 Accessibility _____

Initial Open 30
 Initial Shut-In 30
 Final Flow 60
 Final Shut-In 60

Sub Total 0
 Total 1557.50
 MP/DST Disc't _____

Approved By [Signature] Our Representative Mike Rohrer

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. 61343

Well Name & No. Porter Trust #1 Test No. 4 Date 4-8-17
 Company Palomino Petroleum Elevation 2532 KB 2527 GL
 Address 4924 SE 81st St, Newton KS 67114
 Co. Rep / Geo. Ryan S. b Rig WW10
 Location: Sec. 17 Twp. 14s Rge. 27w Co. Grove State KS

Interval Tested 4254-4365 Zone Tested M.33
 Anchor Length 111 Drill Pipe Run 4134 Mud Wt. 9.1
 Top Packer Depth 4249 Drill Collars Run 124 Vis 59
 Bottom Packer Depth 4254 Wt. Pipe Run Ø Wt. 8.2
 Total Depth 4365 Chlorides 3000 ppm System LCM 1
 Blow Description IF: Weak Surface Blow died in 2 Min
IS: No Return Blow
FF: No Blow
FS: No Return Blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>5</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 5 BHT 124 Gravity — API RW — @ — ° F Chlorides — ppm

(A) Initial Hydrostatic 2167 Test 1150.00/- T-On Location 14:45
 (B) First Initial Flow 71 Jars 125.00/- T-Started 15:00
 (C) First Final Flow 80 Safety Joint 75.00/- T-Open 16:40
 (D) Initial Shut-In 754 Circ Sub NC T-Pulled 18:40
 (E) Second Initial Flow 82 Hourly Standby — T-Out 20:24
 (F) Second Final Flow 86 Mileage 110RT - 82.50/- Comments —
 (G) Final Shut-In 663 Sampler X2 Loaded Tools
 (H) Final Hydrostatic 2166 Straddle 15.00 3-9-17 Ruined Shale Packer —
 Shale Packer — Ruined Packer —
 Extra Packer — Extra Copies —
 Extra Recorder — Sub Total 0
 Day Standby — Total 1640
 Accessibility 1640 MP/DST Disc'l —
 Sub Total 11552.50/-

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

Approved By [Signature] Our Representative [Signature]

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