



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 SIOW
- Gas D&A ENHR SIGW
- OG GSW Temp. Abd.
- 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 ENHR Conv. to SWD
- Conv. to GSW
- Plug Back: _____ Plug Back Total Depth _____
- Commingled Permit #: _____
- Dual Completion Permit #: _____
- SWD Permit #: _____
- ENHR Permit #: _____
- GSW Permit #: _____

Spud Date or Recompletion Date Date Reached TD Completion Date or Recompletion Date

API No. 15 - _____

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

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total 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

- Letter of Confidentiality Received
Date: _____
- Confidential Release Date: _____
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT I II III Approved by: _____ Date: _____



1129336

Operator Name: _____ Lease Name: _____ Well #: _____

Sec. _____ Twp. _____ S. R. _____ East West County: _____

INSTRUCTIONS: Show important tops and base 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. Attach complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

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 Electric Log Submitted Electronically <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i> 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
_____ Perforate _____ Protect Casing _____ Plug Back TD _____ Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth

TUBING RECORD: Size: _____ Set At: _____ Packer At: _____ Liner Run: Yes No

Date of First, Resumed Production, SWD or ENHR. _____ Producing Method: Flowing Pumping Gas Lift Other *(Explain)* _____

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
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DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____ <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	Palomino Petroleum, Inc.
Well Name	Dietterich-Simpson 1
Doc ID	1129336

Tops

Name	Top	Datum
Anhy.	1850	(+ 660)
Base Anhy.	1883	(+ 627)
Heebner	3890	(-1380)
Lansing	3930	(-1420)
BKC	4238	(-1716)
Marmaton	4266	(-1756)
Pawnee	4349	(-1839)
Ft. Scott	4426	(-1916)
Cherokee Sh.	4456	(-1945)
Cherokee Sd.	4511	(-2001)
Miss.	4566	(-2056)
LTD	4608	(-2098)



RECEIVED

DEC 03 2012

INVOICE

PO Box 93999
Southlake, TX 76092

Invoice Number: 133640

Invoice Date: Nov 17, 2012

Voice: (817) 546-7282

Page: 1

Fax: (817) 246-3361



Bill To:
Palomino Petroleum, Inc. 4924 SE 84th St. Newton, KS 67114-8827

Customer ID	Well Name/# or Customer P.O.	Payment Terms	
Palo	DiettenichSimpson#1	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-03	Great Bend	Nov 17, 2012	12/17/12

Quantity	Item	Description	Unit Price	Amount
174.00	MAT	Class A Common	17.90	3,114.60
116.00	MAT	Pozmix	9.35	1,084.60
10.00	MAT	Gel	23.40	234.00
73.00	MAT	Flo Seal	2.97	216.81
311.52	SER	Cubic Feet	2.48	772.56
260.00	SER	Ton Mileage	2.60	676.00
1.00	SER	Rotary Plug	2,249.84	2,249.84
20.00	SER	Pump Truck Mileage	7.70	154.00
20.00	SER	Light Vehicle Mileage	4.40	88.00
1.00	CEMENTER	Tim Dickson		
1.00	EQUIP OPER	Trint Hall		
1.00	OPER ASSIST	Alan Genereux		

ALL PRICES ARE NET, PAYABLE
30 DAYS FOLLOWING DATE OF
INVOICE. 1 1/2% CHARGED
THEREAFTER. IF ACCOUNT IS
CURRENT, TAKE DISCOUNT OF

\$ 2,147.60

ONLY IF PAID ON OR BEFORE

Dec 12, 2012

Subtotal	8,590.41
Sales Tax	541.20
Total Invoice Amount	9,131.61
Payment/Credit Applied	
TOTAL	9,131.61



PO Box 93999
Southlake, TX 76092

Voice: (817) 546-7282
Fax: (817) 246-3361

INVOICE

Invoice Number: 133468

Invoice Date: Nov 9, 2012

Page: 1

RECEIVED
NOV 19 2012



Bill To:
Palomino Petroleum, Inc. 4924 SE 84th St. Newton, KS 67114-8827

Customer ID	Well Name/# or Customer P.O.	Payment Terms	
Palo	DietterichSimpson#1	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-01	Great Bend	Nov 9, 2012	12/9/12

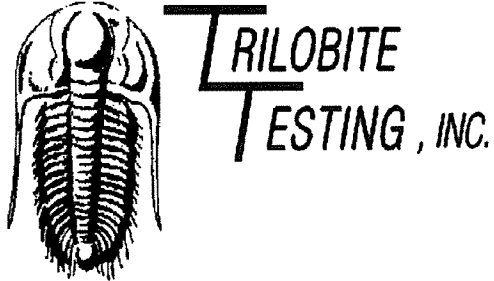
Quantity	Item	Description	Unit Price	Amount
150.00	MAT	Class A Common	17.90	2,685.00
3.00	MAT	Gel	23.40	70.20
5.00	MAT	Chloride	64.00	320.00
162.09	SER	Cubic Feet	2.48	401.98
148.00	SER	Ton Mileage	2.60	384.80
1.00	SER	Surface	1,512.25	1,512.25
20.00	SER	Pump Truck Mileage	7.70	154.00
20.00	SER	Light Vehicle Mileage	4.40	88.00
1.00	CEMENTER	Charles Elkins		
1.00	OPER ASSIST	Kevin Rupp		
1.00	OPER ASSIST	Kevin Weighous		

ALL PRICES ARE NET, PAYABLE
30 DAYS FOLLOWING DATE OF
INVOICE. 1 1/2% CHARGED
THEREAFTER. IF ACCOUNT IS
CURRENT, TAKE DISCOUNT OF

\$ 1404.05

ONLY IF PAID ON OR BEFORE
Dec 4, 2012

Subtotal	5,616.23
Sales Tax	193.74
Total Invoice Amount	5,809.97
Payment/Credit Applied	
TOTAL	5,809.97



DRILL STEM TEST REPORT

Prepared For: **Palomino Petroleum**

4924 SE 84th St
Newton KS 67114+8827

ATTN: Ryan Seib

23-16s-24w Ness,KS

Dietterich-Simpson #1

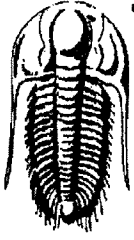
Start Date: 2012.11.15 @ 20:18:05

End Date: 2012.11.16 @ 02:56:20

Job Ticket #: 50755 DST #: 1

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

Printed: 2012.11.23 @ 08:49:39



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Palomino Petroleum
4924 SE 84th St
New ton KS 67114+8827
ATTN: Ryan Seib

Dietterich-Simpson #1
23-16s-24w Ness,KS
Job Ticket: 50755 **DST#: 1**
Test Start: 2012.11.15 @ 20:18:05

GENERAL INFORMATION:

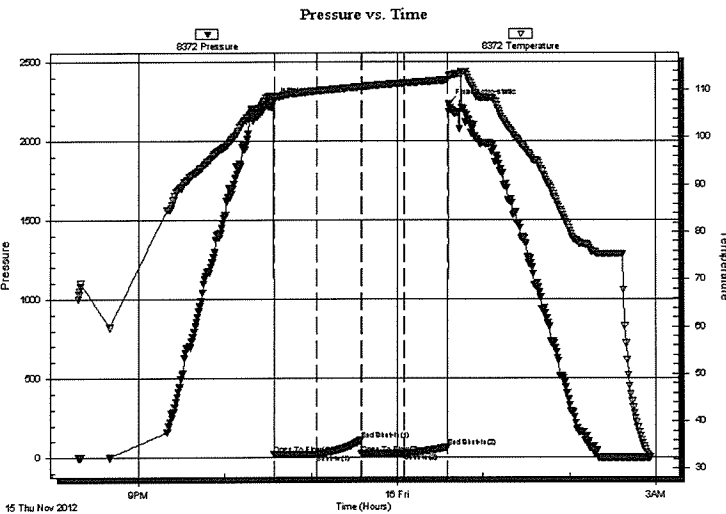
Formation: **Cherokee Sand**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 22:34:00
Time Test Ended: 02:56:20
Test Type: Conventional Bottom Hole (Initial)
Tester: Andy Carreira
Unit No: 39
Interval: **4478.00 ft (KB) To 4529.00 ft (KB) (TVD)**
Reference Elevations: 2510.00 ft (KB)
Total Depth: 4529.00 ft (KB) (TVD) 2505.00 ft (CF)
Hole Diameter: 7.88 inches Hole Condition: Poor KB to GR/CF: 5.00 ft

Serial #: 8372

Outside

Press@RunDepth: 23.57 psig @ 4485.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2012.11.15 End Date: 2012.11.16 Last Calib.: 2012.11.16
Start Time: 20:18:05 End Time: 02:56:20 Time On Btm: 2012.11.15 @ 22:33:50
Time Off Btm: 2012.11.16 @ 00:36:09

TEST COMMENT: IF:(30min) Blow died in 5 min.
IS:(30min) No Return
FF:(30min) No Blow
FSI:(30min) No Return



PRESSURE SUMMARY

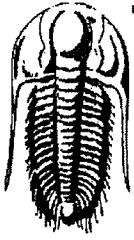
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2245.12	108.87	Initial Hydro-static
1	19.82	107.71	Open To Flow (1)
31	22.50	109.81	Shut-In(1)
61	108.14	110.68	End Shut-In(1)
62	22.56	110.64	Open To Flow (2)
92	23.57	111.44	Shut-In(2)
122	65.43	112.15	End Shut-In(2)
123	2230.43	113.00	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	Mud	0.02

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Palomino Petroleum
4924 SE 84th St
New ton KS 67114+8827
ATTN: Ryan Seib

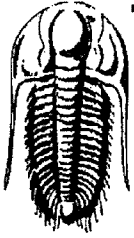
Dietterich-Simpson #1
23-16s-24w Ness,KS
Job Ticket: 50755 **DST#: 1**
Test Start: 2012.11.15 @ 20:18:05

Tool Information

Drill Pipe:	Length: 4178.00 ft	Diameter: 3.80 inches	Volume: 58.61 bbl	Tool Weight:	3000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer:	24000.00 lb
Drill Collar:	Length: 300.17 ft	Diameter: 2.25 inches	Volume: 1.48 bbl	Weight to Pull Loose:	64000.00 lb
		Total Volume: 60.09 bbl		Tool Chased	0.00 ft
Drill Pipe Above KB:	28.17 ft			String Weight: Initial	58000.00 lb
Depth to Top Packer:	4478.00 ft			Final	58000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	51.00 ft				
Tool Length:	79.00 ft				
Number of Packers:	2	Diameter:	6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4451.00	
Shut In Tool	5.00			4456.00	
Hydraulic tool	5.00			4461.00	
Jars	5.00			4466.00	
Safety Joint	3.00			4469.00	
Packer	5.00			4474.00	28.00 Bottom Of Top Packer
Packer	4.00			4478.00	
Stubb	1.00			4479.00	
Perforations	5.00			4484.00	
Change Over Sub	1.00			4485.00	
Recorder	0.00	8017	Inside	4485.00	
Recorder	0.00	8372	Outside	4485.00	
Drill Pipe	32.00			4517.00	
Change Over Sub	1.00			4518.00	
Perforations	8.00			4526.00	
Bullnose	3.00			4529.00	51.00 Bottom Packers & Anchor
Total Tool Length:	79.00				



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Palomino Petroleum
4924 SE 84th St
New ton KS 67114+8827
ATTN: Ryan Seib

Dietterich-Simpson #1
23-16s-24w Ness,KS
Job Ticket: 50755 **DST#: 1**
Test Start: 2012.11.15 @ 20:18:05

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: 49.00 sec/qt	Cushion Volume: bbl		
Water Loss: 12.35 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 4500.00 ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	Mud	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:

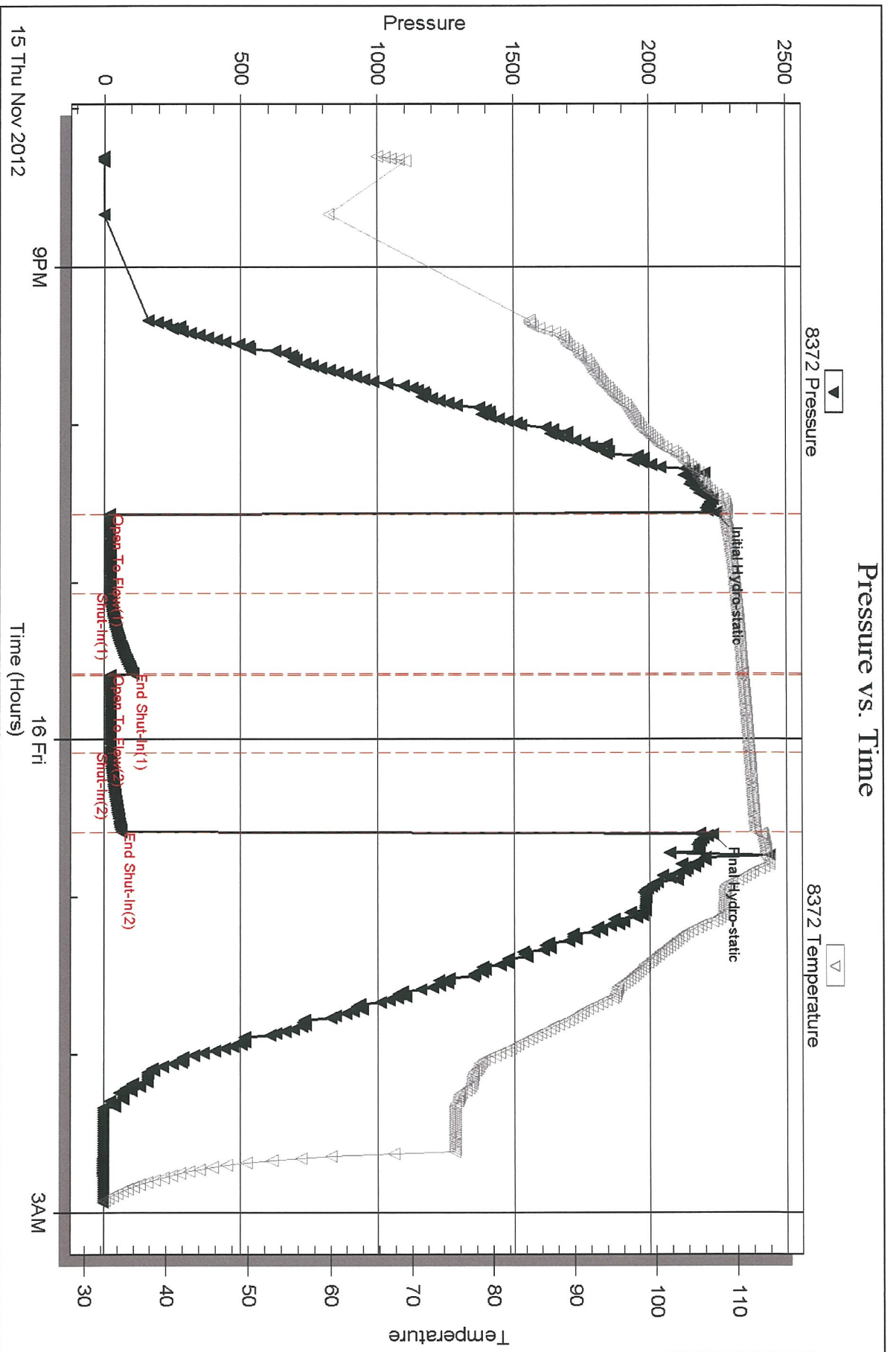
Serial #: 8372

Outside

Palomino Petroleum

23-16s-24w Ness,KS

DST Test Number: 1



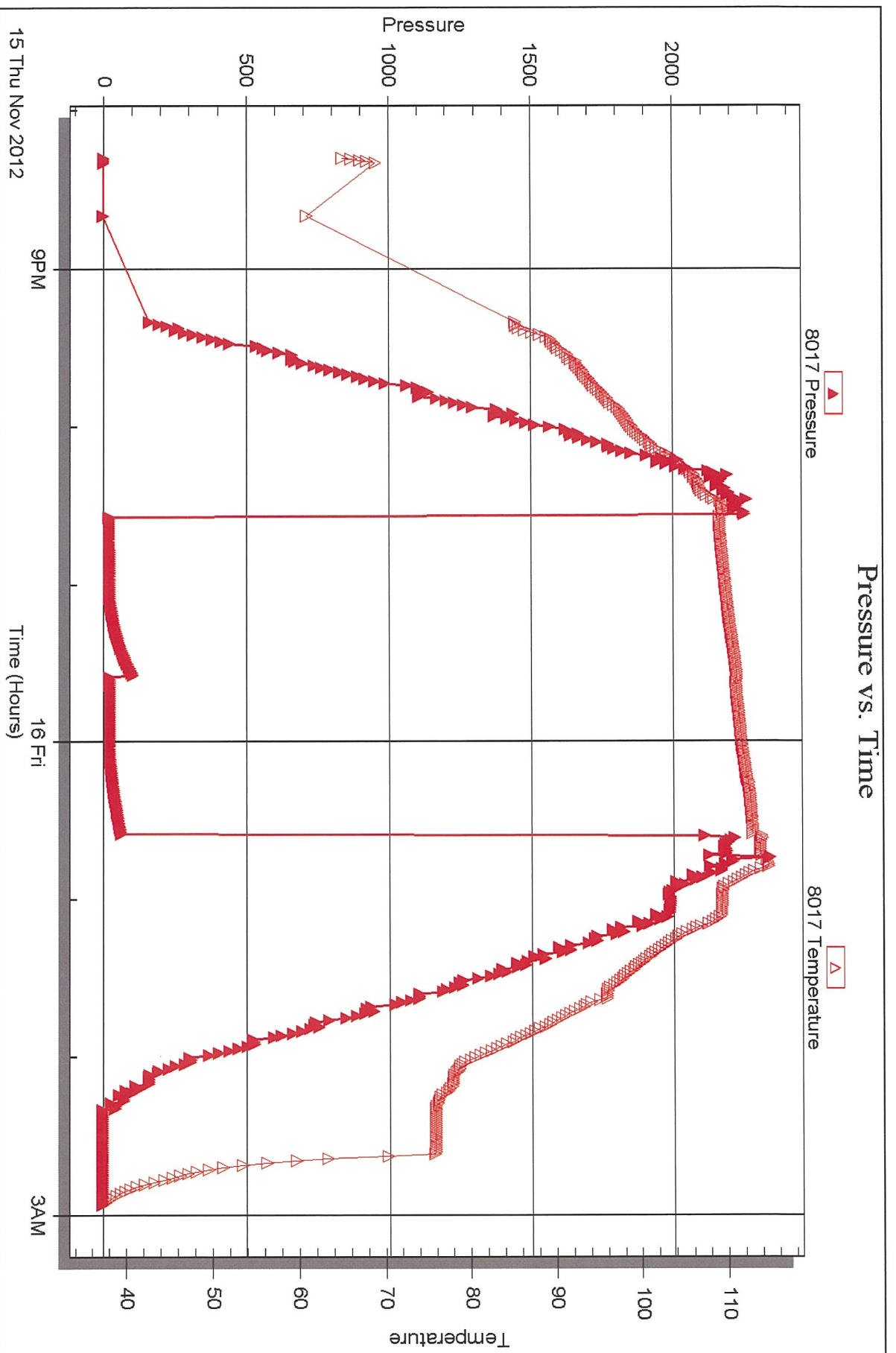
Serial #: 8017

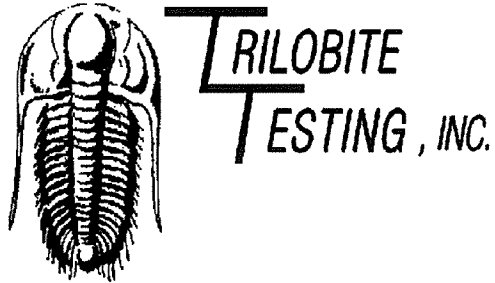
Inside

Palomino Petroleum

23-16S-24w Ness, KS

DST Test Number: 1





DRILL STEM TEST REPORT

Prepared For: **Palomino Petroleum**

4924 SE 84th St
Newton KS 67114+8827

ATTN: Ryan Seib

23-16s-24w Ness,KS

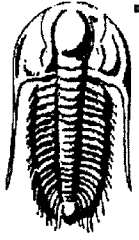
Dietterich-Simpson #1

Start Date: 2012.11.16 @ 18:15:05

End Date: 2012.11.17 @ 00:53:29

Job Ticket #: 50756 DST #: 2

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Palomino Petroleum
4924 SE 84th St
New ton KS 67114+8827
ATTN: Ryan Seib

Dietterich-Simpson #1
23-16s-24w Ness,KS
Job Ticket: 50756 **DST#:2**
Test Start: 2012.11.16 @ 18:15:05

GENERAL INFORMATION:

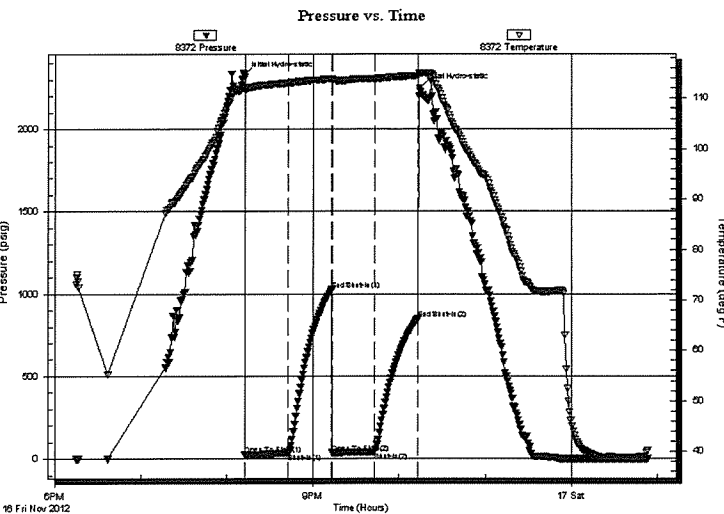
Formation:
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 20:12:40
Time Test Ended: 00:53:29
Test Type: Conventional Straddle (Reset)
Tester: Andy Carreira
Unit No: 39
Interval: **4501.00 ft (KB) To 4554.00 ft (KB) (TVD)**
Reference Elevations: 2510.00 ft (KB)
Total Depth: 4610.00 ft (KB) (TVD) 2505.00 ft (CF)
Hole Diameter: 7.88 inches Hole Condition: Poor KB to GR/CF: 5.00 ft

Serial #: 8372

Outside

Press@RunDepth: 39.39 psig @ 4508.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2012.11.16 End Date: 2012.11.17 Last Calib.: 2012.11.17
Start Time: 18:15:05 End Time: 00:53:29 Time On Btm: 2012.11.16 @ 20:11:30
Time Off Btm: 2012.11.16 @ 22:14:30

TEST COMMENT: IF:(30min) 1/4" Blow
IS:(30min) No Return
FF:(30min) Surface Blow Died in 10 min
FSI:(30min) No Return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2325.83	112.10	Initial Hydro-static
2	22.88	111.68	Open To Flow (1)
32	31.22	113.11	Shut-In(1)
62	1024.65	113.90	End Shut-In(1)
62	33.32	113.50	Open To Flow (2)
92	39.39	113.88	Shut-In(2)
122	848.40	114.50	End Shut-In(2)
123	2248.91	114.99	Final Hydro-static

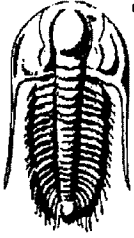
Recovery

Length (ft)	Description	Volume (bbl)
20.00	WM w/ oil spks in tool	0.10

* 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+8827
ATTN: Ryan Seib

Dietterich-Simpson #1
23-16s-24w Ness,KS
Job Ticket: 50756 **DST#: 2**
Test Start: 2012.11.16 @ 18:15:05

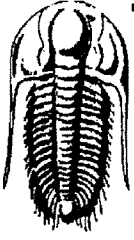
Tool Information

Drill Pipe:	Length: 4241.00 ft	Diameter: 3.80 inches	Volume: 59.49 bbl	Tool Weight: 4000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer: 26000.00 lb
Drill Collar:	Length: 239.87 ft	Diameter: 2.25 inches	Volume: 1.18 bbl	Weight to Pull Loose: 62000.00 lb
			<u>Total Volume: 60.67 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	7.87 ft			String Weight: Initial 56000.00 lb
Depth to Top Packer:	4501.00 ft			Final 56000.00 lb
Depth to Bottom Packer:	4554.00 ft			
Interval between Packers:	53.00 ft			
Tool Length:	141.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4474.00	
Shut In Tool	5.00			4479.00	
Hydraulic tool	5.00			4484.00	
Jars	5.00			4489.00	
Safety Joint	3.00			4492.00	
Packer	5.00			4497.00	28.00 Bottom Of Top Packer
Packer	4.00			4501.00	
Stubb	1.00			4502.00	
Perforations	5.00			4507.00	
Change Over Sub	1.00			4508.00	
Recorder	0.00	8017	Inside	4508.00	
Recorder	0.00	8372	Outside	4508.00	
Drill Pipe	32.00			4540.00	
Change Over Sub	1.00			4541.00	
Perforations	8.00			4549.00	
Blank Off Sub	1.00			4550.00	
Blank Spacing	4.00			4554.00	53.00 Tool Interval
Packer	4.00			4558.00	
Stubb	1.00			4559.00	
Perforations	17.00			4576.00	
Change Over Sub	1.00			4577.00	
Recorder	0.00	8647	Below	4577.00	
Drill Pipe	32.00			4609.00	
Change Over Sub	1.00			4610.00	
Perforations	1.00			4611.00	
Bullnose	3.00			4614.00	60.00 Bottom Packers & Anchor

Total Tool Length: 141.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Palomino Petroleum
4924 SE 84th St
New ton KS 67114+8827
ATTN: Ryan Seib

Dietterich-Simpson #1
23-16s-24w Ness,KS
Job Ticket: 50756 **DST#: 2**
Test Start: 2012.11.16 @ 18:15:05

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: 56.00 sec/qt	Cushion Volume: bbl		
Water Loss: 11.17 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 4800.00 ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
20.00	WM w / oil spks in tool	0.098

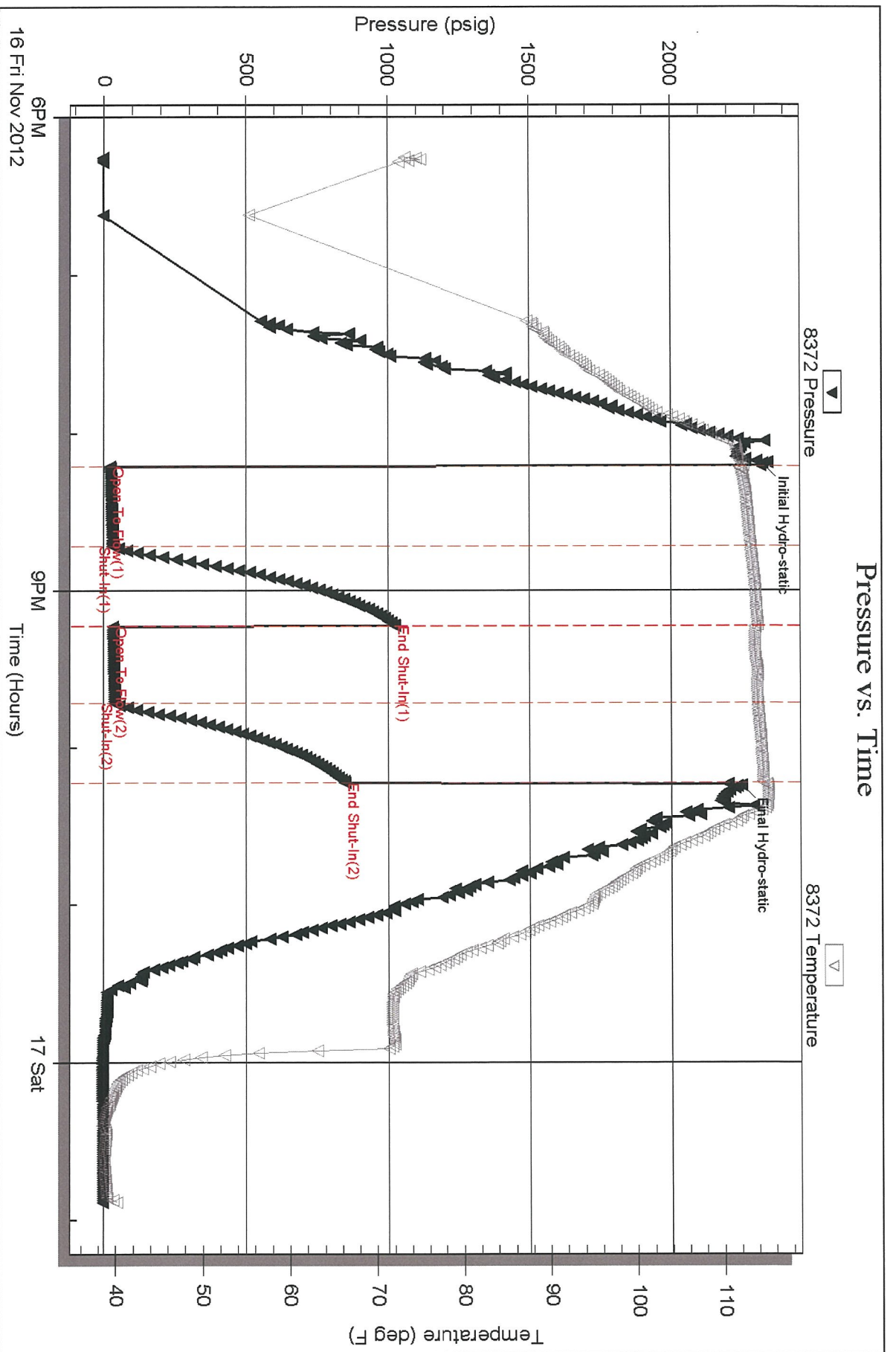
Total Length: 20.00 ft Total Volume: 0.098 bbl
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:

Serial #: 8372

Outside Palomino Petroleum

23-16s-24w Ness, KS

DST Test Number: 2



Trilobite Testing, Inc

Ref. No: 50756

Printed: 2012.11.23 @ 08:48:46

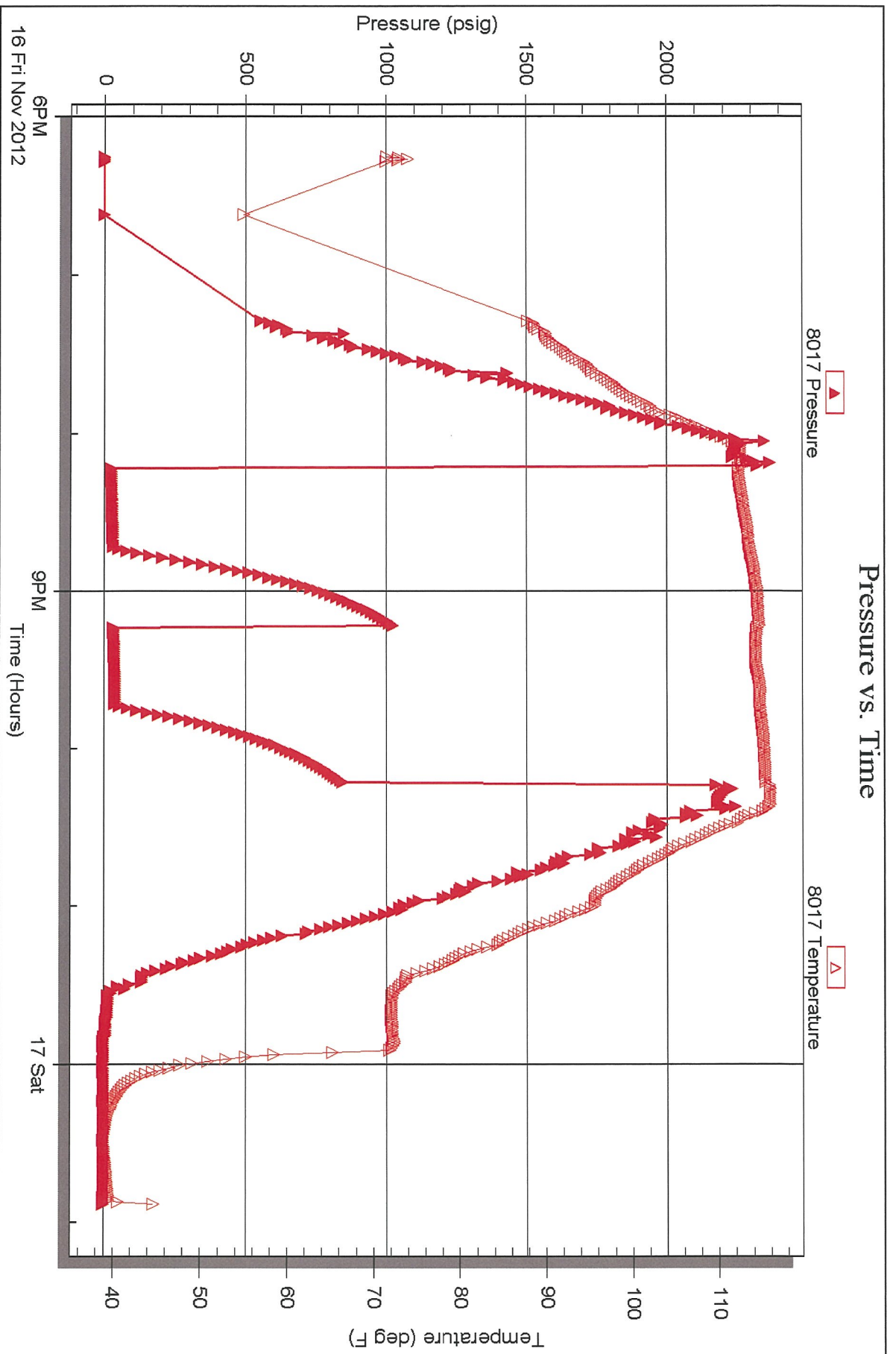
Serial #: 8017

Inside

Palomino Petroleum

23-16s-24w Ness, KS

DST Test Number: 2



Triobite Testing, Inc

Ref. No: 50756

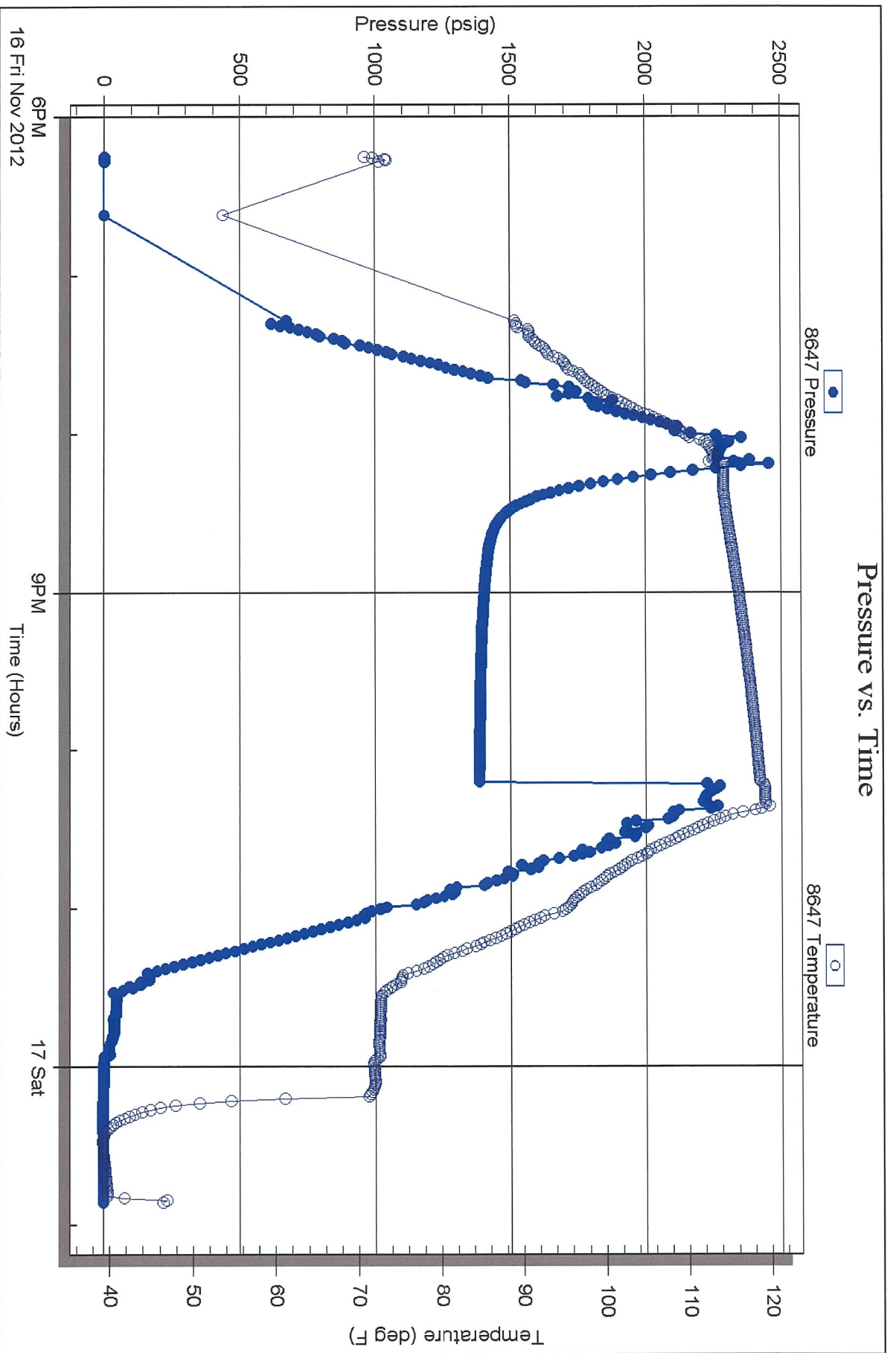
Printed: 2012.11.23 @ 08:48:47

Serial #: 8647

Below (St. Ralston) Petroleum

23-16s-24w Ness, KS

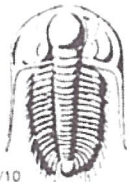
DST Test Number: 2



Tribble Testing, Inc

Ref. No: 50756

Printed: 2012.11.23 @ 08:48:47



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 50755

Well Name & No. Dietterich-Simpson #1 Test No. 1 Date 11-15-12
 Company Palomino Petroleum Elevation 2500 KB 2505 GL
 Address 4924 SE 8th St Newton Ks 67114+8827
 Co. Rep / Geo. Ryan Seib Rig Mallard Rig 2
 Location: Sec. 23 Twp. 16S Rge. 24W Co. Ness State Ks

Interval Tested 4478-4529 Zone Tested Cherokee Sand
 Anchor Length 51 Drill Pipe Run 4178 Mud Wt. 9.4
 Top Packer Depth 4473 Drill Collars Run 300.17 Vis 49
 Bottom Packer Depth 4478 Wt. Pipe Run 0 WL 12.4
 Total Depth 4529 Chlorides 4500 ppm System LCM 0

Blow Description IF: Blow died in 5min
FSI: NO Return
FP: NO blow
FSI: NO Return

Rec	Feet of	%gas	%oil	%water	%mud
<u>5</u>	<u>mud</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

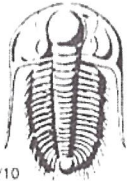
Rec Total 5 BHT 112° Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic 2245 Test 1250 T-On Location 18:48
 (B) First Initial Flow 19 Jars 250 T-Started 20:18
 (C) First Final Flow 22 Safety Joint 75 T-Open 22:35
 (D) Initial Shut-In 108 Circ Sub _____ T-Pulled 00:35
 (E) Second Initial Flow 22 Hourly Standby _____ T-Out 02:57
 (F) Second Final Flow 23 Mileage 192.20 Comments _____
 (G) Final Shut-In 65 Sampler _____
 (H) Final Hydrostatic 2230 Straddle _____ Ruined Shale Packer _____

Initial Open 30 Shale Packer _____ Ruined Packer _____
 Initial Shut-In 30 Extra Packer _____ Extra Copies _____
 Final Flow 30 Extra Recorder _____ Sub Total 0
 Final Shut-In 30 Day Standby _____ Total 1767.20
 Accessibility _____ MP/DST Disc't _____
 Sub Total 1767.20

Approved By _____ Our Representative [Signature]

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



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 50756

Well Name & No. Dietrich - SIMPSON #1 Test No. 2 Date 11-16-12
 Company Palomino Petroleum Elevation 2510 KB 2505 GL
 Address 4924 ST 84th Newton KS 67114 + 8827
 Co. Rep / Geo. Ryan Seib Rig MALLARD rig 2
 Location: Sec. 23 Twp. 16S Rge. 24W Co. NESS State KS

Interval Tested 4501-4554 Zone Tested _____
 Anchor Length 53 Drill Pipe Run 4241 Mud Wt. 9.4
 Top Packer Depth 4501 Drill Collars Run 239.87 Vis 56
 Bottom Packer Depth 4554 Wt. Pipe Run 0 WL 11.2
 Total Depth 4610 Chlorides 4800 ppm System LCM TR.

Blow Description IF: 1/4" blow
ISL NO RETURN
FP: Surface blow sized in 10 min
FSL: NO RETURN

Rec	Feet of	%gas	%oil	%water	%mud
<u>20</u>	<u>WM w/oil spks in tool</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 20' BHT 114° Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic 2325 Test ← 1250 T-On Location 17:41
 (B) First Initial Flow 22 Jars ← 250 T-Started 18:15
 (C) First Final Flow 31 Safety Joint ← 75 T-Open 20:13
 (D) Initial Shut-In 1024 Circ Sub T-Pulled 22:13
 (E) Second Initial Flow 33 Hourly Standby T-Out 0053
 (F) Second Final Flow 39 Mileage 4124RT 192.20 Comments _____
 (G) Final Shut-In 848 Sampler _____
 (H) Final Hydrostatic 2248 Straddle ← 600 Ruined Shale Packer _____

Initial Open 30 Shale Packer _____ Ruined Packer _____
 Initial Shut-In 30 Extra Packer _____ Extra Copies _____
 Final Flow 30 Extra Recorder _____ Sub Total 0
 Final Shut-In 30 Day Standby _____ Total 2367.20
 Accessibility _____ MP/DST Disc't _____
 Sub Total 2367.20

Approved By _____ Our Representative Ryan Seib

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.