



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1217468
OIL & GAS CONSERVATION DIVISION

Form ACO-1
August 2013

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 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
- Plug Back Conv. to GSW Conv. to Producer
- 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

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
- Geologist Report Received
- UIC Distribution
- ALT I II III Approved by: _____ Date: _____

1217468

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

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				

Did you perform a hydraulic fracturing treatment on this well? Yes No *(If No, skip questions 2 and 3)*

Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? Yes No *(If No, skip question 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)*

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

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

Form	ACO1 - Well Completion
Operator	Palomino Petroleum, Inc.
Well Name	Bauer-Buckner 1
Doc ID	1217468

Tops

Name	Top	Datum
Anhy.	2092	(+ 854)
Base Anhy.	2108	(+ 838)
Topeka	3515	(- 569)
Heebner	3788	(- 842)
Lansing	3838	(- 892)
Stark	4194	(-1248)
BKC	4270	(-1324)
Marmaton	4300	(-1354)
Beymer	4370	(-1424)
Johnson	4398	(-1452)
Cherokee Sh.	4412	(-1466)
Morrow Sh.	4580	(-1634)
Morrow Sd.	4606	(-1660)
Miss.	4620	(-1674)
LTD	4950	(-2004)



CONSOLIDATED
Oil Well Services, LLC

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

RECEIVED

AUG 02 2014

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

INVOICE

Invoice # 269842

Invoice Date: 07/30/2014 Terms: 10/10/10,n/30

Page 1

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

BAUER BUCKNER#1
46815
23-20S-33W
7-22-14
KS

Description	Hours	Unit Price	Total
P & A NEW WELL	1.00	1395.00	1395.00
EQUIPMENT MILEAGE (ONE WAY)	55.00	5.25	288.75

Part Number	Description	Qty	Unit Price	Total
1131	60/40 POZ MIX	270.00	15.8600	4282.20
1118B	PREMIUM GEL / BENTONITE	929.00	.2700	250.83
1107	FLO-SEAL (25#)	68.00	2.9700	201.96

Sublet Performed	Description	Total
9995-130	CEMENT EQUIPMENT DISCOUNT	-280.03
9996-130	CEMENT MATERIAL DISCOUNT	-473.50

Description	Hours	Unit Price	Total
693 TON MILEAGE DELIVERY	1.00	1116.50	1116.50

Amount Due 7921.14 if paid after 08/09/2014

Parts:	4734.99	Freight:	.00	Tax:	347.31	AR	7129.02
Labor:	.00	Misc:	.00	Total:	7129.02		
Sublt:	-753.53	Supplies:	.00	Change:	.00		

Signed _____

Date _____

BARTLESVILLE, OK 918/338-0808 EL DORADO, KS 316/322-7022 EUREKA, KS 620/583-7664 PONCA CITY, OK 580/762-2303 OAKLEY, KS 785/672-8822 OTTAWA, KS 785/242-4044 THAYER, KS 620/839-5269 GILLETTE, WY 307/686-4914 CUSHING, OK 918/225-2650



CONSOLIDATED
Oil Well Services, LLC

269842

TICKET NUMBER 46815
LOCATION Oakley, KS
FOREMAN Jerry Y

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

FIELD TICKET & TREATMENT REPORT
CEMENT

KS

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
7-22-14	6285	Bauer - Backer #1	23	205	33W	Scott

CUSTOMER	TRUCK #	DRIVER	TRUCK #	DRIVER
Palomino	731	Jerry R		
	693	Cody R		

CITY	STATE	ZIP CODE

JOB TYPE PTA HOLE SIZE 7 7/8 HOLE DEPTH 4950 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 up on WW10 plugs ordered w/270sks 60/40 poz 4% gel / 1/4# flo seal
50 sks @ 2100'
80 sks @ 1230'
40 sks @ 600'
50 sks @ 240'
20 sks @ 60'
30 sks RH

Thank you
Jerry & crew

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5405N	1	PUMP CHARGE	1395.00	1395.00 ✓
5406	55	MILEAGE	5.25	288.75 ✓
5407A	11.6	ton mileage delivery	173	1116.50 ✓
1131	270sks	60/40poz mix	15.86	4282.20 ✓
1186	929	gel	27	25083 ✓
1107	68	flor seal	297	20196 ✓
			subtotal	7535.24 ✓
			less 10% disc	753.53 ✓
			subtotal	6781.71 ✓
			SALES TAX	347.31 ✓
			ESTIMATED TOTAL	7129.02 ✓

Ravin 3737

AUTHORIZATION [Signature] TITLE T.P. DATE 7-22-14

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



CONSOLIDATED
Oil Well Services, LLC

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

RECEIVED

JUL 21 2014

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

INVOICE

Invoice # 269423

Invoice Date: 07/18/2014 Terms: 10/10/10,n/30

Page 1

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

BAUER BUCKNER #1
46618
23-20S-33W
7-12-14
KS

Part Number	Description	Qty	Unit Price	Total
1102	CALCIUM CHLORIDE (50#)	465.00	.9400	437.10
1104S	CLASS "A" CEMENT (SALE)	165.00	18.5500	3060.75
1118B	PREMIUM GEL / BENTONITE	310.00	.2700	83.70

Sublet Performed	Description	Total
9995-130	CEMENT EQUIPMENT DISCOUNT	-218.51
9996-130	CEMENT MATERIAL DISCOUNT	-358.16

Description	Hours	Unit Price	Total
397 TON MILEAGE DELIVERY	1.00	746.35	746.35
399 CEMENT PUMP (SURFACE)	1.00	1150.00	1150.00
399 EQUIPMENT MILEAGE (ONE WAY)	55.00	5.25	288.75

Amount Due 6058.54 if paid after 07/28/2014

Parts:	3581.55	Freight:	.00	Tax:	262.70	AR	5452.68
Labor:	.00	Misc:	.00	Total:	5452.68		
Sublt:	-576.67	Supplies:	.00	Change:	.00		

Signed _____ Date _____



CONSOLIDATED
Oil Well Services, LLC

269423

TICKET NUMBER 46618
LOCATION Oshtemo MS
FOREMAN Miles Shaw

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

FIELD TICKET & TREATMENT REPORT
CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
7-12-14	6285	Bayer Buckner #1	23	205	33W	Scott
CUSTOMER Palomino Petro			COUNTY Scott			
MAILING ADDRESS			TRUCK #	DRIVER	TRUCK #	DRIVER
CITY			399	Sorden		
STATE			397	Kob		
ZIP CODE						

JOB TYPE Surface HOLE SIZE 12 1/4" HOLE DEPTH 218' CASING SIZE & WEIGHT 85/23 #
 CASING DEPTH 218' DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT 14.8 SLURRY VOL 1.34 WATER gal/sk _____ CEMENT LEFT in CASING 20'
 DISPLACEMENT 12 1/2 bbls DISPLACEMENT PSI _____ MIX PSI _____ RATE _____

REMARKS: Safety meeting and rig area W/d drilling 2 1/2" #10 circulate casing
Mix 165 SLS Class A Common Cement with 3% Calcium egg gel displaced
12 1/2 bbls water shut in Cement did circulate 3 bbls to pit

Thank U's Miles & Crew

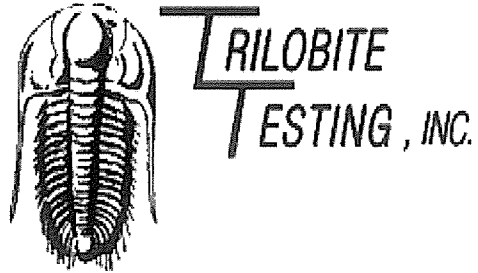
ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
54015	1	PUMP CHARGE	1150.00	1150.00
5406	55	MILEAGE	5.25	287.50
5407A	7.75 tons	Ton Mileage delivery	1.75	136.35
1102	465 #	Calcium Chloride	.94	437.10
11045	165 SLS	Class A Cement	18.55	3060.75
1118B	36 #	Bentonite gel	.27	9.72
			Subtotal	5766.65
			less 10% discount	5189.98
			Subtotal	5189.98
			SALES TAX	262.70
			ESTIMATED TOTAL	5452.68

completed

Revin 3737

AUTHORIZATION [Signature] TITLE T.P. DATE 7-12-14

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. Inc,**

4924 SE 84th St
Newton KS 67114

ATTN: Andrew Stenzel

Bauer-Buckner #1

23-20s-33w Scott,KS

Start Date: 2014.07.17 @ 12:40:00

End Date: 2014.07.17 @ 18:28:30

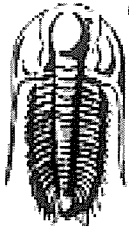
Job Ticket #: 56661 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2014.07.22 @ 09:06:44



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Palomino Petroleum, Inc,
4924 SE 84th St
New ton KS 67114

ATTN: Andrew Stenzel

23-20s-33w Scott,KS
Bauer-Buckner #1
Job Ticket: 56661 **DST#: 1**
Test Start: 2014.07.17 @ 12:40:00

GENERAL INFORMATION:

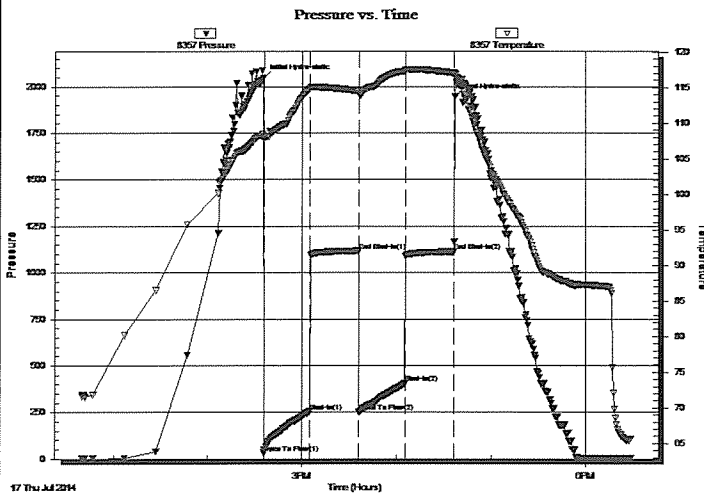
Formation: **LKC K,L**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 14:36:00
 Time Test Ended: 18:28:30
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Justin Harris
 Unit No: 61
 Interval: **4187.00 ft (KB) To 4283.00 ft (KB) (TVD)**
 Total Depth: 4283.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Poor
 Reference Elevations: 2946.00 ft (KB)
 2941.00 ft (CF)
 KB to GR/CF: 5.00 ft

Serial #: 8357

Inside

Press@RunDepth: 405.53 psig @ 4189.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2014.07.17 End Date: 2014.07.17 Last Calib.: 2014.07.17
 Start Time: 12:40:02 End Time: 18:28:30 Time On Btm: 2014.07.17 @ 14:35:50
 Time Off Btm: 2014.07.17 @ 16:36:40

TEST COMMENT: 30; B.O.B. in 8 min.
 30; No Return.
 30; B.O.B. in 9 min.
 30; No Return.



PRESSURE SUMMARY

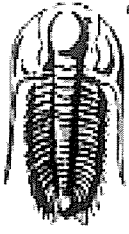
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2045.42	108.47	Initial Hydro-static
1	31.72	107.76	Open To Flow (1)
30	254.17	114.85	Shut-In(1)
60	1114.89	114.53	End Shut-In(1)
60	253.38	114.17	Open To Flow (2)
90	405.53	117.35	Shut-In(2)
121	1112.82	117.06	End Shut-In(2)
121	1943.56	116.98	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
786.00	mcw 80%w 20%m	9.91

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Palomino Petroleum, Inc,

23-20s-33w Scott,KS

4924 SE 84th St
New ton KS 67114

Bauer-Buckner #1

Job Ticket: 56661

DST#: 1

ATTN: Andrew Stenzel

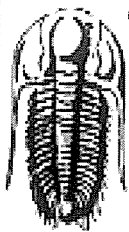
Test Start: 2014.07.17 @ 12:40:00

Tool Information

Drill Pipe:	Length: 4045.50 ft	Diameter: 3.80 inches	Volume: 56.75 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: inches	Volume: 0.00 bbl	Weight set on Packer: 30000.00 lb
Drill Collar:	Length: 122.00 ft	Diameter: 2.25 inches	Volume: 0.60 bbl	Weight to Pull Loose: 70000.00 lb
			<u>Total Volume: 57.35 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	8.00 ft			String Weight: Initial 62000.00 lb
Depth to Top Packer:	4187.00 ft			Final 64000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	96.00 ft			
Tool Length:	123.50 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			4160.50	
Shut In Tool	5.00			4165.50	
Hydraulic tool	5.00			4170.50	
Jars	5.00			4175.50	
Safety Joint	2.50			4178.00	
Packer	5.00			4183.00	27.50 Bottom Of Top Packer
Packer	4.00			4187.00	
Stubb	1.00			4188.00	
Perforations	1.00			4189.00	
Recorder	0.00	8357	Inside	4189.00	
Recorder	0.00	6751	Outside	4189.00	
Perforations	26.00			4215.00	
Change Over Sub	1.00			4216.00	
Drill Pipe	63.00			4279.00	
Change Over Sub	1.00			4280.00	
Bullnose	3.00			4283.00	96.00 Bottom Packers & Anchor
Total Tool Length:	123.50				



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Palomino Petroleum, Inc,

23-20s-33w Scott,KS

4924 SE 84th St
New ton KS 67114

Bauer-Buckner #1

Job Ticket: 56661

DST#: 1

ATTN: Andrew Stenzel

Test Start: 2014.07.17 @ 12:40:00

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:

12000 ppm

Viscosity: 50.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.17 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
786.00	mcw 80%w 20%m	9.914

Total Length: 786.00 ft

Total Volume: 9.914 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

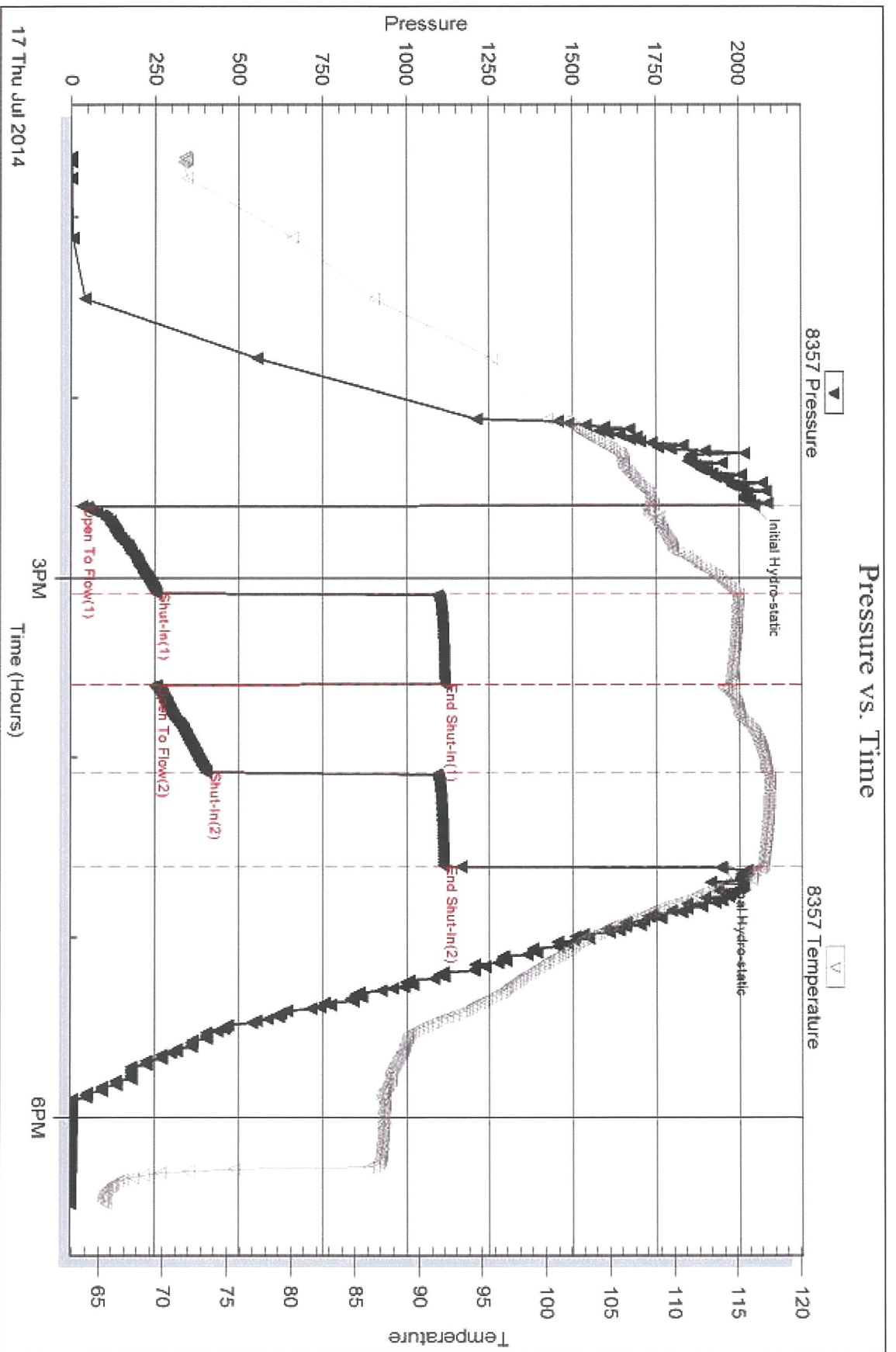
Serial #: 8357

Inside

Palominio Petroleum, Inc.

Bauer-Buckner #1

DST Test Number: 1



Triobite Testing, Inc

Ref. No: 56661

Printed: 2014.07.22 @ 09:06:45

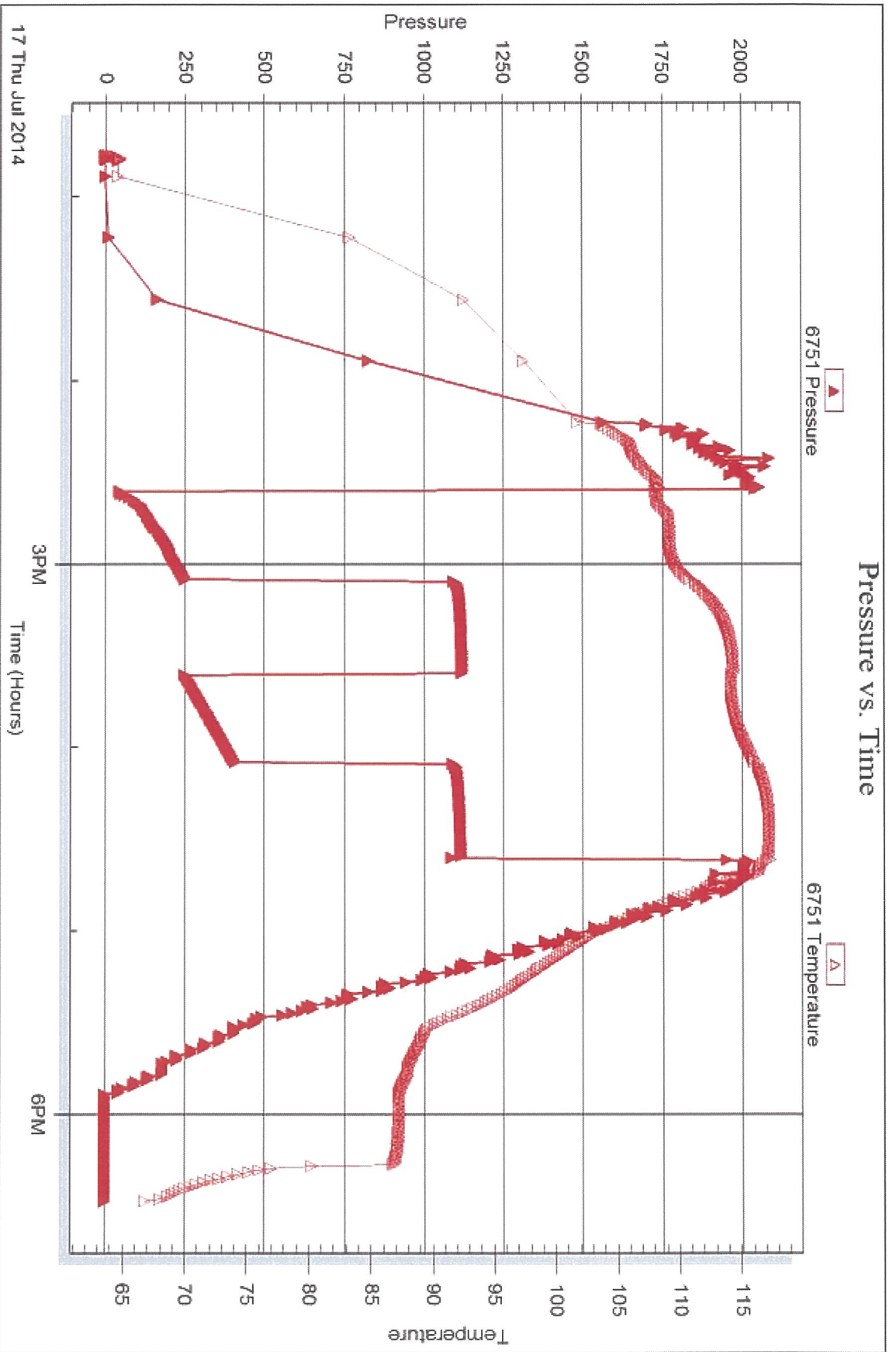
Serial #: 6751

Outside

Palomino Petroleum, Inc.

Bauer-Duckner #1

DST Test Number: 1



Triobite Testing, Inc

Ref. No: 5666-1

Printed: 2014.07.22 @ 09:06:45



DRILL STEM TEST REPORT

Prepared For: **Palomino Petroleum. Inc,**
4924 SE 84th St
Newton KS 67114

ATTN: Andrew Stenzel

Bauer-Buckner #1

23-20s-33w Scott,KS

Start Date: 2014.07.18 @ 05:55:00

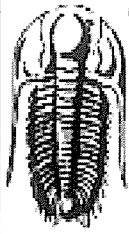
End Date: 2014.07.18 @ 11:25:39

Job Ticket #: 56662 DST #: 2

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

Printed: 2014.07.22 @ 09:06:11

Palomino Petroleum, Inc,
23-20s-33w Scott,KS
Bauer-Buckner #1
DST # 2
Marmaton
2014.07.18



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Palomino Petroleum, Inc,
4924 SE 84th St
New ton KS 67114
ATTN: Andrew Stenzel

23-20s-33w Scott,KS
Bauer-Buckner #1
Job Ticket: 56662 **DST#: 2**
Test Start: 2014.07.18 @ 05:55:00

GENERAL INFORMATION:

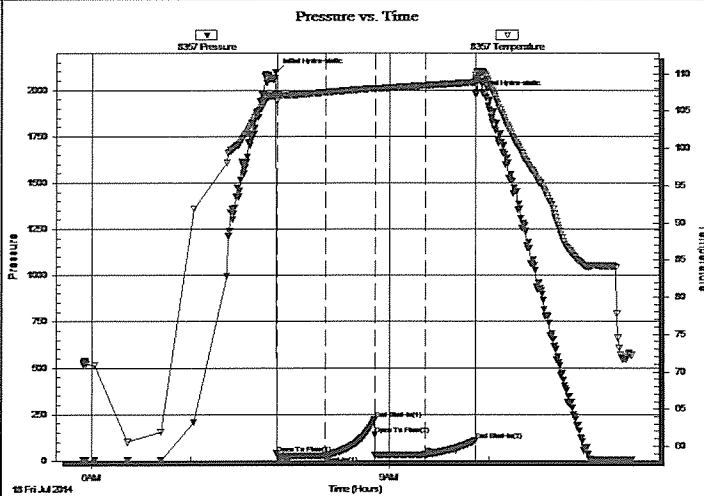
Formation: **Marmaton**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 07:52:00
 Time Test Ended: 11:25:39
 Interval: **4267.00 ft (KB) To 4370.00 ft (KB) (TVD)**
 Total Depth: 4370.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Poor
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Justin Harris
 Unit No: 61
 Reference Elevations: 2946.00 ft (KB)
 2941.00 ft (CF)
 KB to GR/CF: 5.00 ft

Serial #: 8357

Inside

Press@RunDepth: 31.79 psig @ 4269.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2014.07.18 End Date: 2014.07.18 Last Calib.: 2014.07.18
 Start Time: 05:55:02 End Time: 11:25:40 Time On Btm: 2014.07.18 @ 07:51:30
 Time Off Btm: 2014.07.18 @ 09:51:50

TEST COMMENT: 30: Weak surface blow build to 1".
 30: No Return.
 30: Weak surface blow .
 30: No Return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2097.57	107.31	Initial Hydro-static
1	37.80	106.32	Open To Flow (1)
30	26.75	107.50	Shut-In(1)
60	221.34	108.04	End Shut-In(1)
60	137.77	108.00	Open To Flow (2)
91	31.79	108.42	Shut-In(2)
121	107.23	108.86	End Shut-In(2)
121	1975.86	109.85	Final Hydro-static

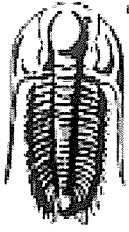
Recovery

Length (ft)	Description	Volume (bbl)
5.00	gocm 5%g 15%o 80%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, Inc,
4924 SE 84th St
New ton KS 67114

ATTN: Andrew Stenzel

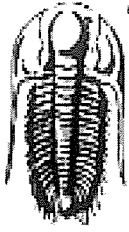
23-20s-33w Scott,KS
Bauer-Buckner #1
Job Ticket: 56662 **DST#: 2**
Test Start: 2014.07.18 @ 05:55:00

Tool Information

Drill Pipe:	Length: 4138.50 ft	Diameter: 3.80 inches	Volume: 58.05 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: inches	Volume: 0.00 bbl	Weight set on Packer: 30000.00 lb
Drill Collar:	Length: 122.00 ft	Diameter: 2.25 inches	Volume: 0.60 bbl	Weight to Pull Loose: 70000.00 lb
			<u>Total Volume: 58.65 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	21.00 ft			String Weight: Initial 62000.00 lb
Depth to Top Packer:	4267.00 ft			Final 63000.00 lb
Depth to Bottom Packer:	ft			
Interval betw een Packers:	103.00 ft			
Tool Length:	130.50 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			4240.50	
Shut In Tool	5.00			4245.50	
Hydraulic tool	5.00			4250.50	
Jars	5.00			4255.50	
Safety Joint	2.50			4258.00	
Packer	5.00			4263.00	27.50 Bottom Of Top Packer
Packer	4.00			4267.00	
Stubb	1.00			4268.00	
Perforations	1.00			4269.00	
Recorder	0.00	8357	Inside	4269.00	
Recorder	0.00	6751	Outside	4269.00	
Perforations	1.00			4270.00	
Change Over Sub	1.00			4271.00	
Drill Pipe	95.00			4366.00	
Change Over Sub	1.00			4367.00	
Bullnose	3.00			4370.00	103.00 Bottom Packers & Anchor
Total Tool Length:	130.50				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Palomino Petroleum, Inc,
4924 SE 84th St
New ton KS 67114

ATTN: Andrew Stenzel

23-20s-33w Scott,KS
Bauer-Buckner #1
Job Ticket: 56662 **DST#: 2**
Test Start: 2014.07.18 @ 05:55:00

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: 48.00 sec/qt	Cushion Volume: bbl		
Water Loss: 6.38 in ³	Gas Cushion Type:		
Resistivity: 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	gocm 5%g 15%o 80%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:

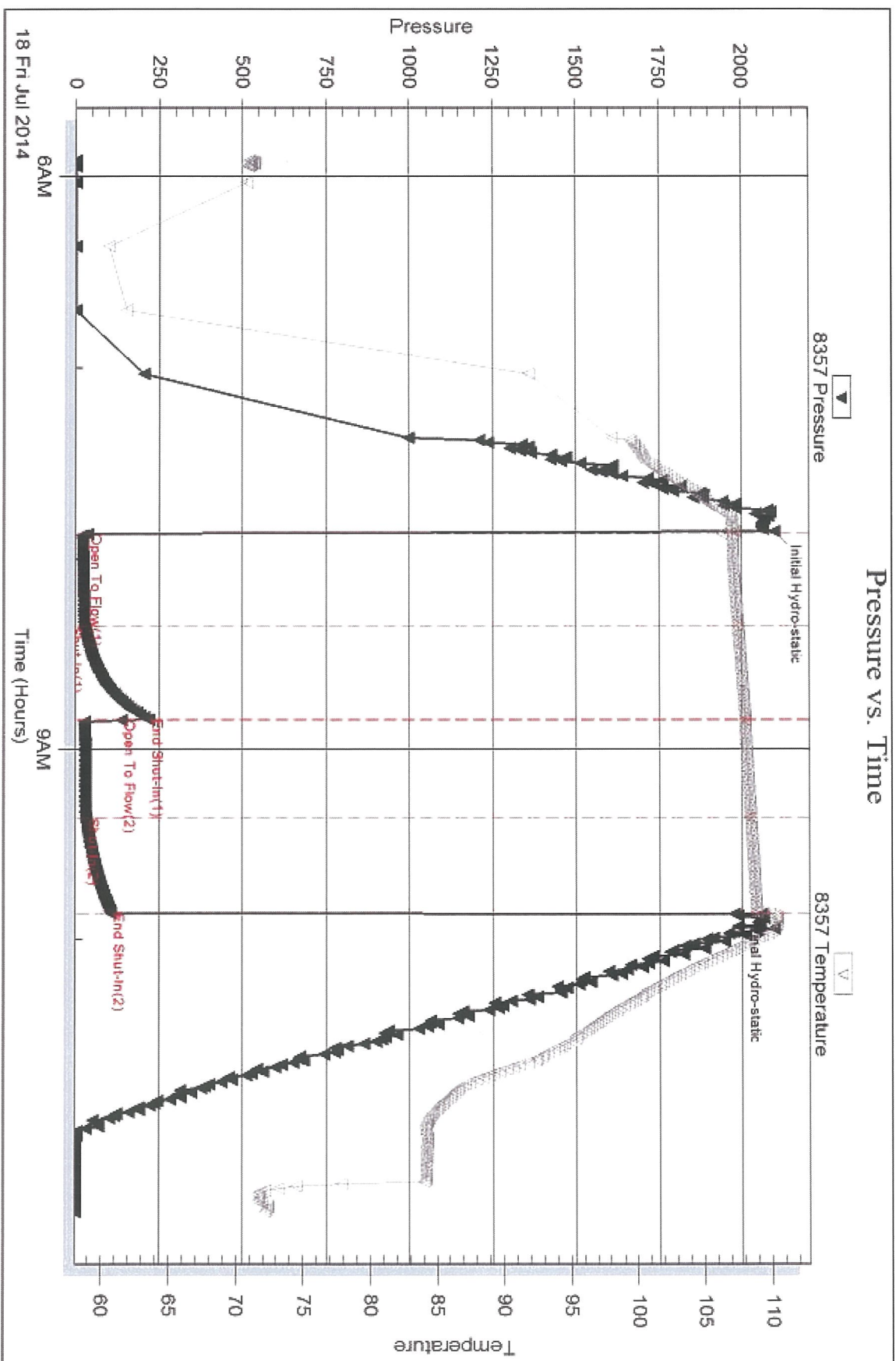
Serial #: 8357

Inside

Palomino Petroleum, Inc.

Bauer-Buckner #1

DST Test Number: 2



Tribble Testing, Inc

Ref. No: 56662

Printed: 2014, 07, 22 @ 09:06:13

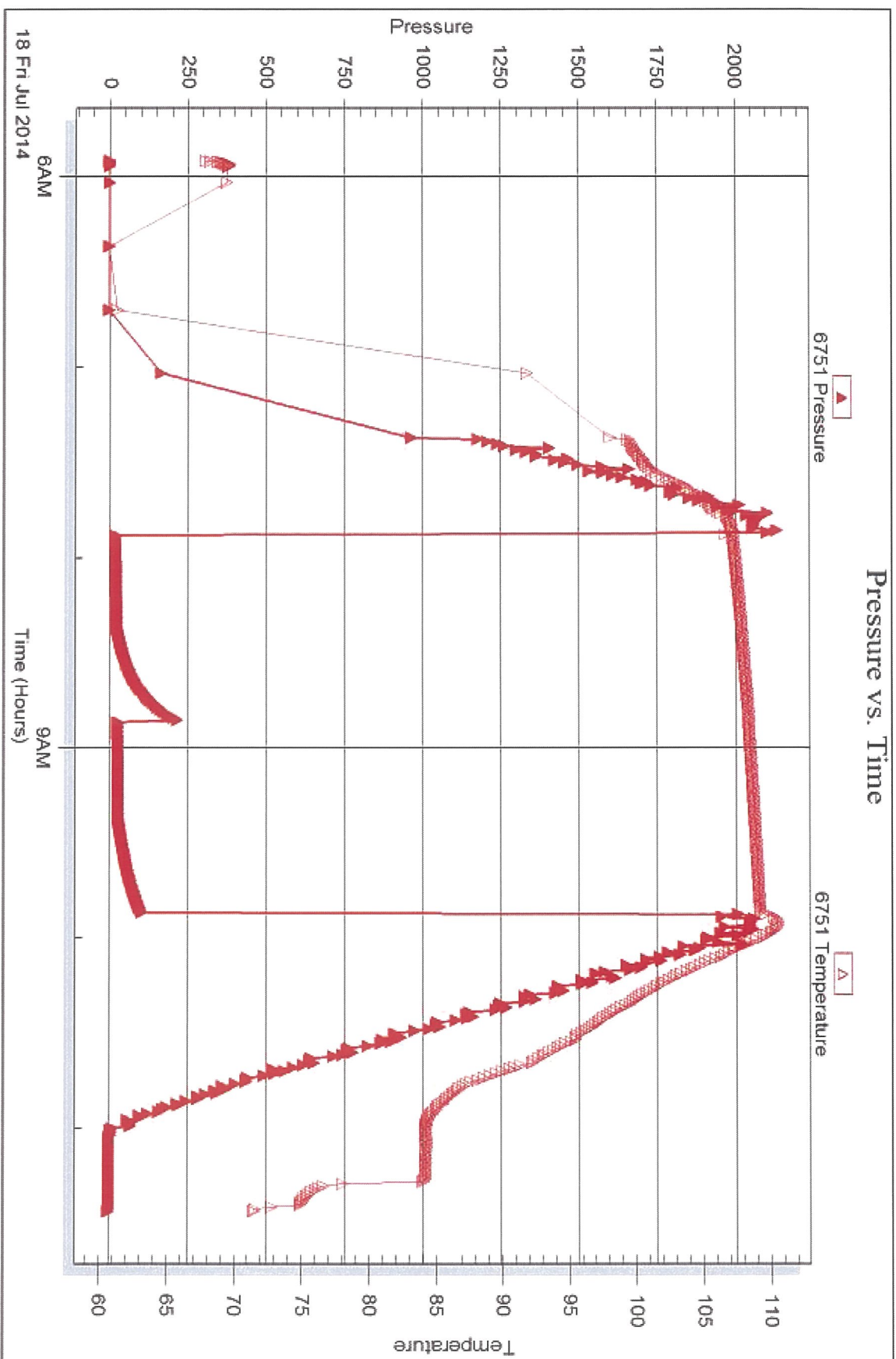
Serial #: 6751

Outside

Palomino Petroleum, Inc.

Bauer-Buckner #1

DST Test Number: 2



Tribble Testing, Inc

Ref. No: 56662

Printed: 2014, 07, 22 @ 09:06:13



DRILL STEM TEST REPORT

Prepared For: **Palomino Petroleum. Inc,**
4924 SE 84th St
Newton KS 67114

ATTN: Andrew Stenzel

Bauer-Buckner #1

23-20s-33w Scott,KS

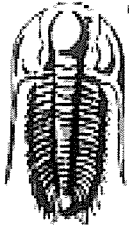
Start Date: 2014.07.19 @ 08:10:00

End Date: 2014.07.19 @ 13:51:00

Job Ticket #: 56663 DST #: 3

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

Printed: 2014.07.22 @ 09:05:50



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Palomino Petroleum, Inc,
 4924 SE 84th St
 Newton KS 67114
 ATTN: Andrew Stenzel

23-20s-33w Scott,KS
Bauer-Buckner #1
 Job Ticket: 56663 **DST#: 3**
 Test Start: 2014.07.19 @ 08:10:00

GENERAL INFORMATION:

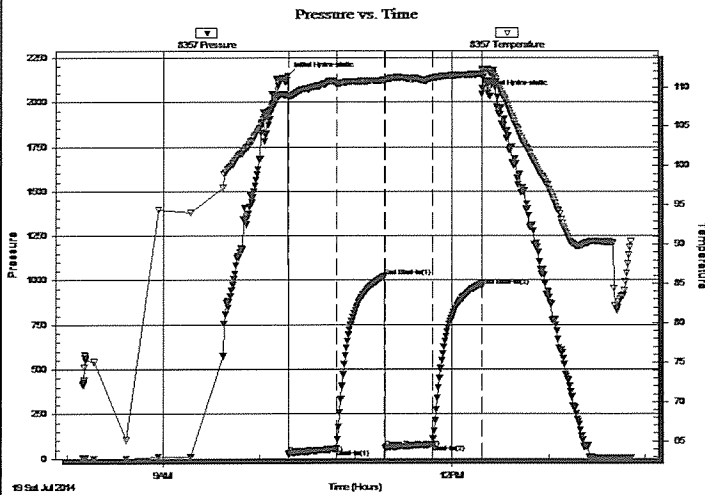
Formation: **Beymer - Cherokee**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 10:18:20
 Time Test Ended: 13:51:00
 Interval: **4353.00 ft (KB) To 4568.00 ft (KB) (TVD)**
 Total Depth: 4568.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Poor
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Justin Harris
 Unit No: 61
 Reference Elevations: 2946.00 ft (KB)
 2941.00 ft (CF)
 KB to GR/CF: 5.00 ft

Serial #: 8357

Inside

Press@RunDepth: 78.69 psig @ 4354.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2014.07.19 End Date: 2014.07.19 Last Calib.: 2014.07.19
 Start Time: 08:10:02 End Time: 13:51:00 Time On Btm: 2014.07.19 @ 10:17:40
 Time Off Btm: 2014.07.19 @ 12:18:40

TEST COMMENT: 30: Build to 1/2" then died at 17 min.
 30: No Return.
 30: No Blow .
 30: No Return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2147.82	109.01	Initial Hydro-static
1	27.16	108.58	Open To Flow (1)
31	53.77	110.47	Shut-In(1)
61	1021.16	110.86	End Shut-In(1)
61	59.01	110.66	Open To Flow (2)
90	78.69	111.11	Shut-In(2)
121	963.60	111.64	End Shut-In(2)
121	2044.59	112.26	Final Hydro-static

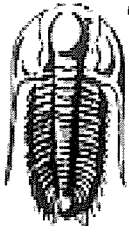
Recovery

Length (ft)	Description	Volume (bbl)
65.00	vsocm 1%o 99%m	0.32

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Palomino Petroleum, Inc,
4924 SE 84th St
New ton KS 67114

ATTN: Andrew Stenzel

23-20s-33w Scott,KS
Bauer-Buckner #1
Job Ticket: 56663 **DST#: 3**
Test Start: 2014.07.19 @ 08:10:00

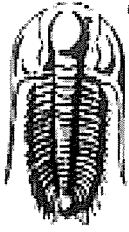
Tool Information

Drill Pipe:	Length: 4234.50 ft	Diameter: 3.80 inches	Volume: 59.40 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: inches	Volume: 0.00 bbl	Weight set on Packer: 30000.00 lb
Drill Collar:	Length: 122.00 ft	Diameter: 2.25 inches	Volume: 0.60 bbl	Weight to Pull Loose: 70000.00 lb
			Total Volume: 60.00 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	31.00 ft			String Weight: Initial 63000.00 lb
Depth to Top Packer:	4353.00 ft			Final 63000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	215.00 ft			
Tool Length:	242.50 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			4326.50	
Shut In Tool	5.00			4331.50	
Hydraulic tool	5.00			4336.50	
Jars	5.00			4341.50	
Safety Joint	2.50			4344.00	
Packer	5.00			4349.00	27.50 Bottom Of Top Packer
Packer	4.00			4353.00	
Stubb	1.00			4354.00	
Recorder	0.00	8357	Inside	4354.00	
Recorder	0.00	6751	Outside	4354.00	
Perforations	20.00			4374.00	
Change Over Sub	1.00			4375.00	
Drill Pipe	189.00			4564.00	
Change Over Sub	1.00			4565.00	
Bullnose	3.00			4568.00	215.00 Bottom Packers & Anchor

Total Tool Length: 242.50



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Palomino Petroleum, Inc,

23-20s-33w Scott,KS

4924 SE 84th St
New ton KS 67114

Bauer-Buckner #1

Job Ticket: 56663

DST#: 3

ATTN: Andrew Stenzel

Test Start: 2014.07.19 @ 08:10:00

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: 46.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.18 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 4000.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
65.00	vsocm 1%o 99%m	0.320

Total Length: 65.00 ft Total Volume: 0.320 bbl

Num Fluid Samples: 0

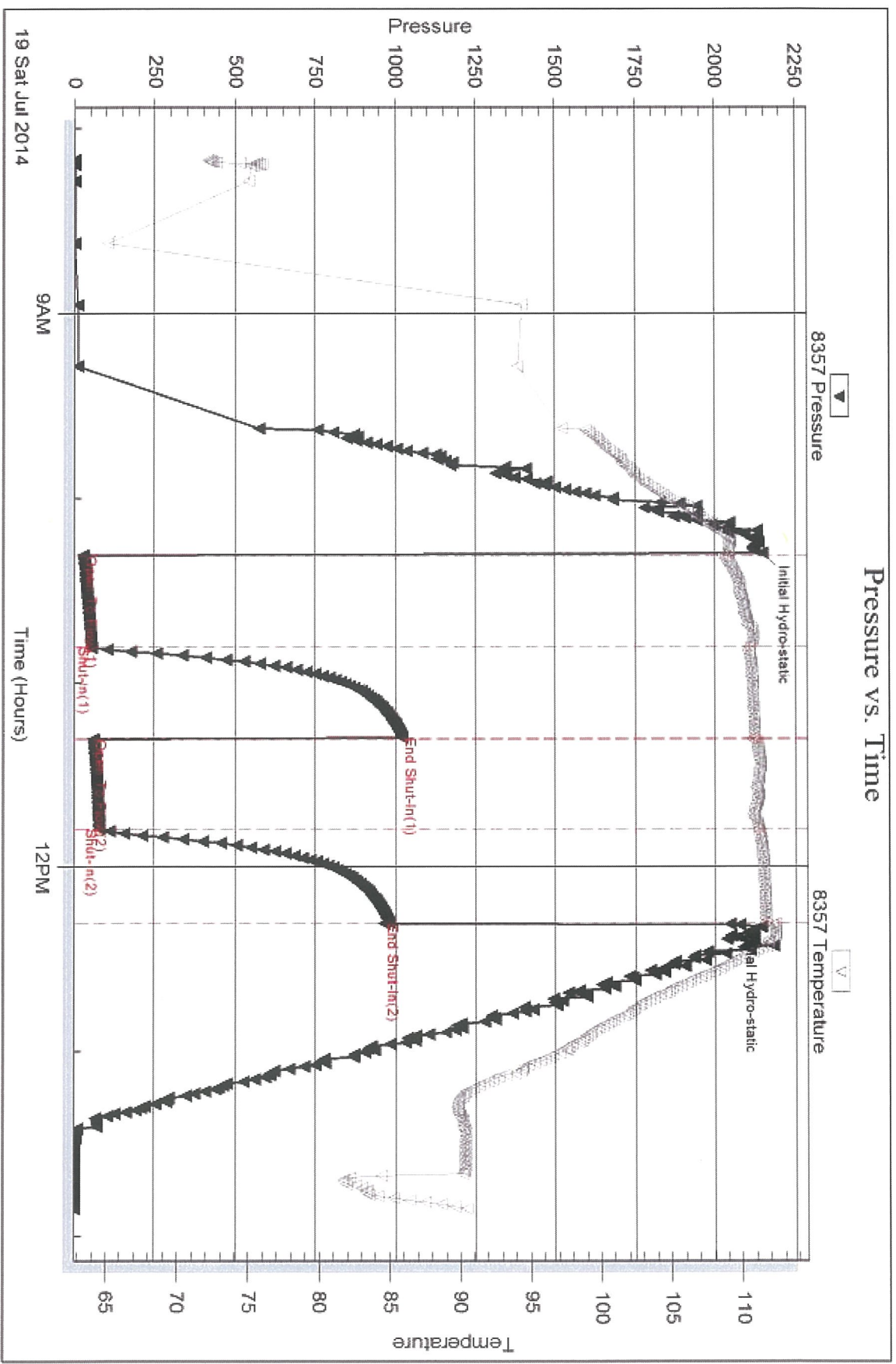
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



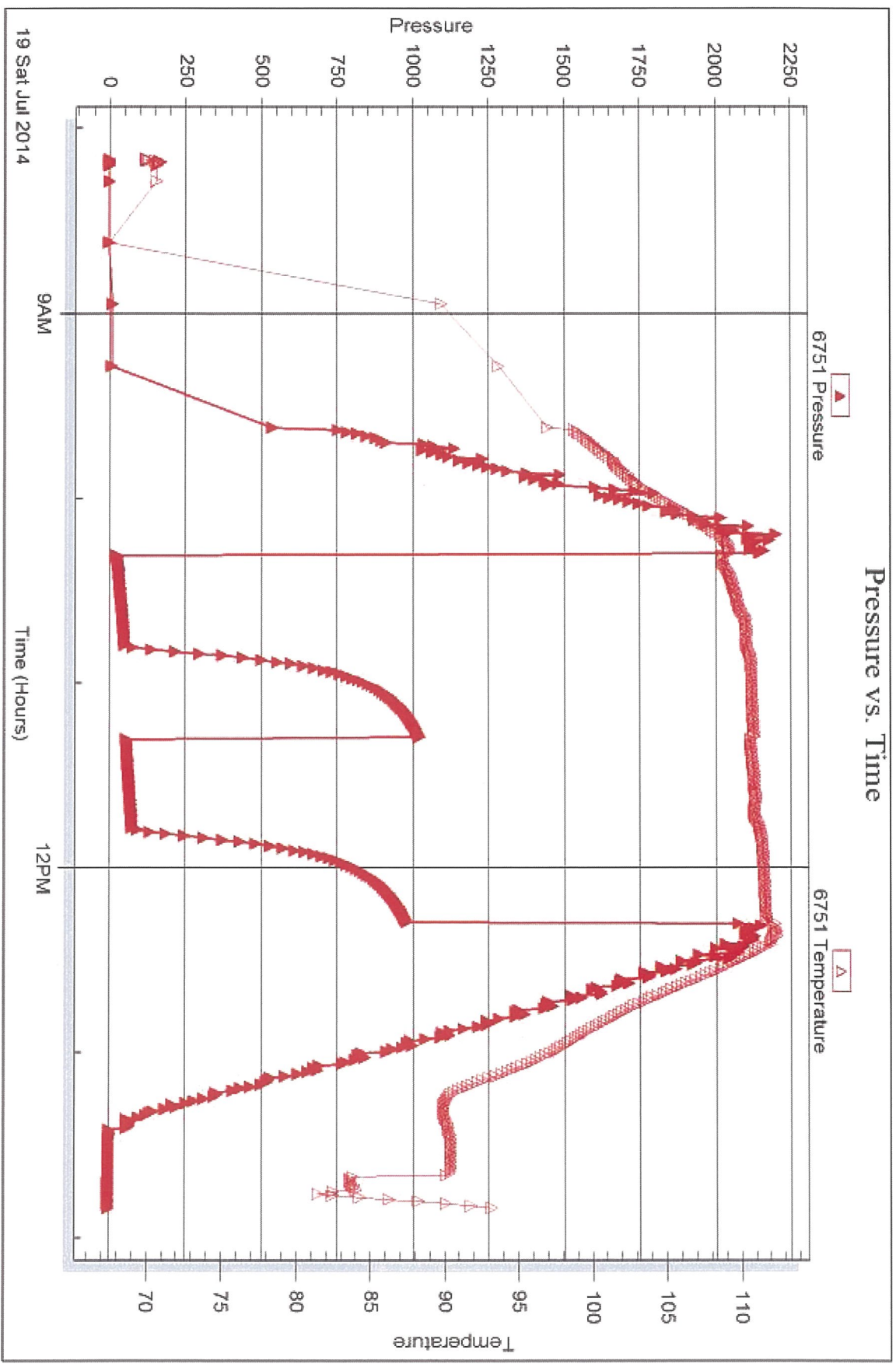
Serial #: 6751

Outside

Palomino Petroleum, Inc.

Bauer-Buckner #1

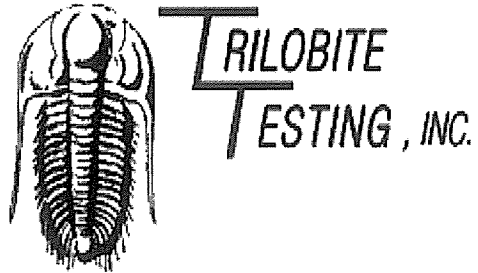
DST Test Number: 3



Tribble Testing, Inc

Ref. No: 56663

Printed: 2014.07.22 @ 09:05:52



DRILL STEM TEST REPORT

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

4924 SE 84th St
Newton KS 67114

ATTN: Andrew Stenzel

Bauer-Buckner #1

23-20s-33w Scott,KS

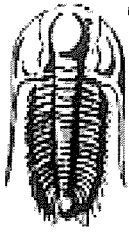
Start Date: 2014.07.19 @ 22:20:00

End Date: 2014.07.20 @ 04:03:20

Job Ticket #: 56664 DST #: 4

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

Printed: 2014.07.22 @ 09:05:26



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Palomino Petroleum, Inc.

23-20s-33w Scott, KS

4924 SE 84th St
New ton KS 67114

Bauer-Buckner #1

Job Ticket: 56664

DST#: 4

ATTN: Andrew Stenzel

Test Start: 2014.07.19 @ 22:20:00

GENERAL INFORMATION:

Formation: **Morrow**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 00:16:20

Time Test Ended: 04:03:20

Test Type: Conventional Bottom Hole (Reset)

Tester: Justin Harris

Unit No: 61

Interval: **4553.00 ft (KB) To 4623.00 ft (KB) (TVD)**

Reference Elevations: 2946.00 ft (KB)

Total Depth: 4623.00 ft (KB) (TVD)

2941.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Poor

KB to GR/CF: 5.00 ft

Serial #: 8357

Inside

Press@RunDepth: 55.86 psig @ 4555.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.07.19

End Date:

2014.07.20

Last Calib.: 2014.07.20

Start Time: 22:20:02

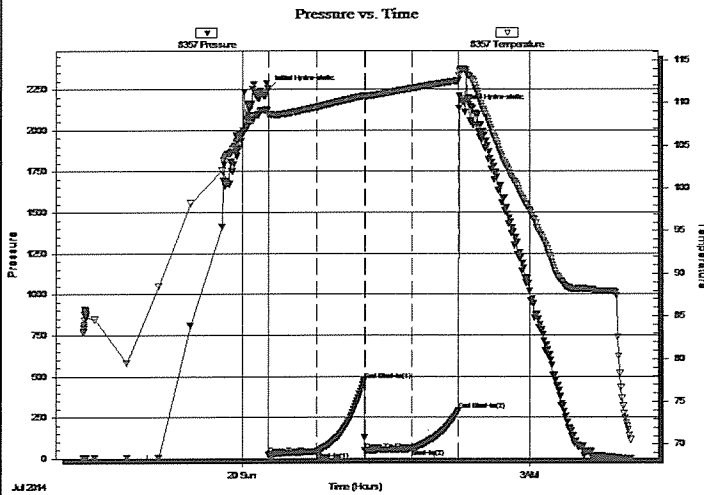
End Time:

04:03:19

Time On Btm: 2014.07.20 @ 00:16:00

Time Off Btm: 2014.07.20 @ 02:15:20

TEST COMMENT: 30: Weak surface blow build to 2".
30: No Return.
30: Weak surface blow build to 3".
30: No Return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2252.36	109.12	Initial Hydro-static
1	21.60	108.49	Open To Flow (1)
31	40.67	109.47	Shut-In(1)
60	476.28	110.79	End Shut-In(1)
61	44.49	110.73	Open To Flow (2)
90	55.86	111.68	Shut-In(2)
119	289.27	112.58	End Shut-In(2)
120	2133.54	113.13	Final Hydro-static

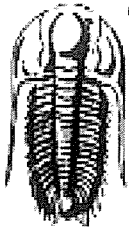
Recovery

Length (ft)	Description	Volume (bbl)
125.00	gocm 15%o 80%m 5%g	0.64

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Palomino Petroleum, Inc,

23-20s-33w Scott,KS

4924 SE 84th St
New ton KS 67114

Bauer-Buckner #1

Job Ticket: 56664

DST#: 4

ATTN: Andrew Stenzel

Test Start: 2014.07.19 @ 22:20:00

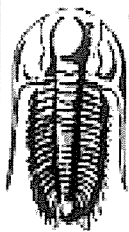
Tool Information

Drill Pipe:	Length: 4425.50 ft	Diameter: 3.80 inches	Volume: 62.08 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: inches	Volume: 0.00 bbl	Weight set on Packer: 30000.00 lb
Drill Collar:	Length: 122.00 ft	Diameter: 2.25 inches	Volume: 0.60 bbl	Weight to Pull Loose: 70000.00 lb
			<u>Total Volume: 62.68 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	22.00 ft			String Weight: Initial 60000.00 lb
Depth to Top Packer:	4553.00 ft			Final 62000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	70.00 ft			
Tool Length:	97.50 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			4526.50	
Shut In Tool	5.00			4531.50	
Hydraulic tool	5.00			4536.50	
Jars	5.00			4541.50	
Safety Joint	2.50			4544.00	
Packer	5.00			4549.00	27.50 Bottom Of Top Packer
Packer	4.00			4553.00	
Stubb	1.00			4554.00	
Perforations	1.00			4555.00	
Recorder	0.00	8357	Inside	4555.00	
Recorder	0.00	6751	Outside	4555.00	
Change Over Sub	1.00			4556.00	
Drill Pipe	63.00			4619.00	
Change Over Sub	1.00			4620.00	
Bullnose	3.00			4623.00	70.00 Bottom Packers & Anchor

Total Tool Length: 97.50



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Palomino Petroleum, Inc,

23-20s-33w Scott,KS

4924 SE 84th St
New ton KS 67114

Bauer-Buckner #1

Job Ticket: 56664

DST#: 4

ATTN: Andrew Stenzel

Test Start: 2014.07.19 @ 22:20:00

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: 46.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.19 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
125.00	gocm 15%o 80%m 5%g	0.642

Total Length: 125.00 ft Total Volume: 0.642 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

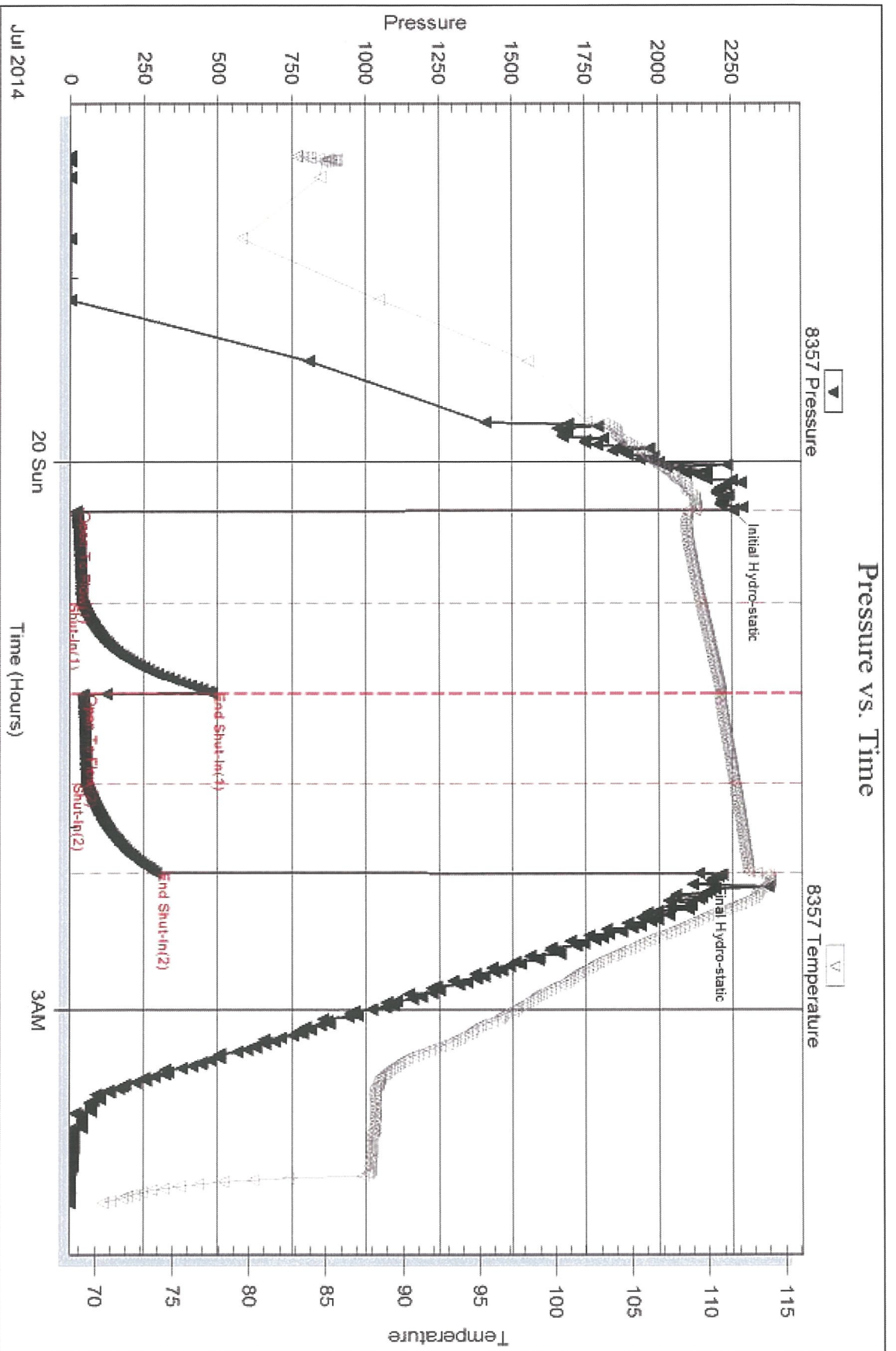
Serial #: 8357

Inside

Palomino Petroleum, Inc.

Bauer-Buckner #1

DST Test Number: 4



Triobite Testing, Inc

Ref. No: 56664

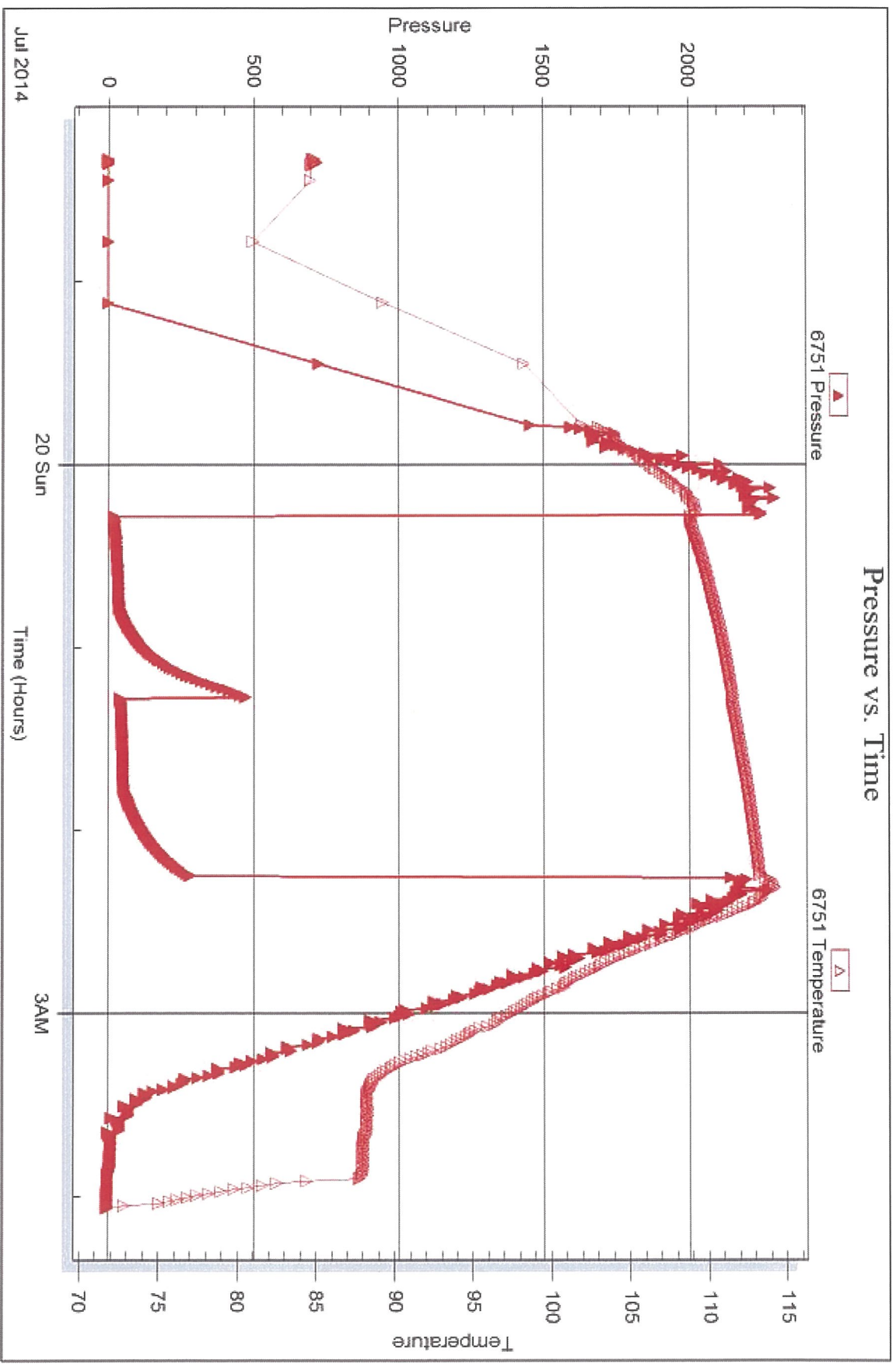
Printed: 2014.07.22 @ 09:05:27

Serial #: 6751

Outside Palomino Petroleum, Inc.

Bauer-Buckner #1

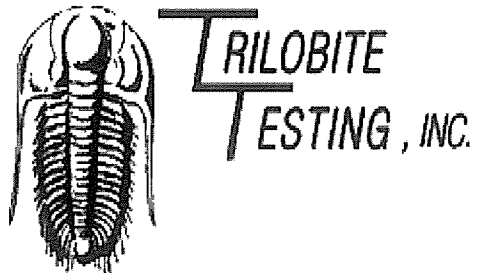
DST Test Number: 4



Tribble Testing, Inc

Ref. No: 56664

Printed: 2014.07.22 @ 09:05:27



DRILL STEM TEST REPORT

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

4924 SE 84th St
Newton KS 67114

ATTN: Andrew Stenzel

Bauer-Buckner #1

23-20s-33w Scott,KS

Start Date: 2014.07.20 @ 15:05:00

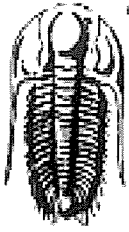
End Date: 2014.07.20 @ 20:58:20

Job Ticket #: 56665 DST #: 5

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

Printed: 2014.07.22 @ 09:02:32

Palomino Petroleum. Inc, 23-20s-33w Scott,KS Bauer-Buckner #1 DST # 5 Mississipi 2014.07.20



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Palomino Petroleum, Inc.
 4924 SE 84th St
 Newton KS 67114
 ATTN: Andrew Stenzel

23-20s-33w Scott,KS
Bauer-Buckner #1
 Job Ticket: 56665 **DST#: 5**
 Test Start: 2014.07.20 @ 15:05:00

GENERAL INFORMATION:

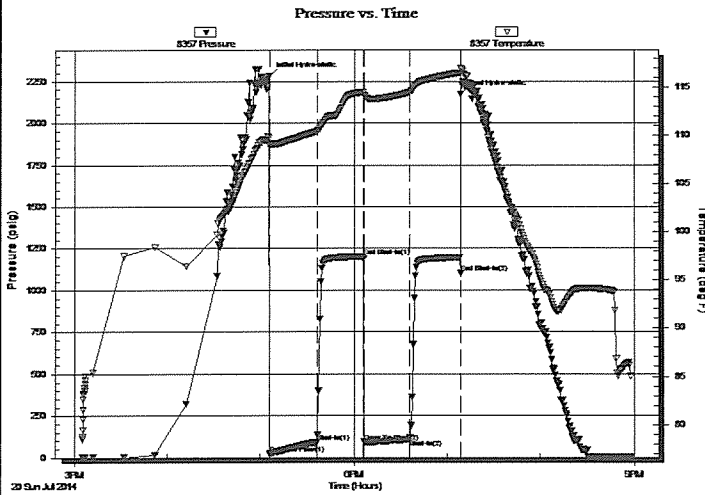
Formation: **Mississippi**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 17:05:50
 Time Test Ended: 20:58:20
 Interval: **4622.00 ft (KB) To 4696.00 ft (KB) (TVD)**
 Total Depth: 4696.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches
 Hole Condition: Poor
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Justin Harris
 Unit No: 61
 Reference Elevations: 2946.00 ft (KB)
 2941.00 ft (CF)
 KB to GR/CF: 5.00 ft

Serial #: 8357

Inside

Press@RunDepth: 109.25 psig @ 4628.00 ft (KB)
 Start Date: 2014.07.20 End Date: 2014.07.20
 Start Time: 15:05:02 End Time: 20:58:19
 Capacity: 8000.00 psig
 Last Calib.: 2014.07.20
 Time On Btm: 2014.07.20 @ 17:05:40
 Time Off Btm: 2014.07.20 @ 19:08:50

TEST COMMENT: 30: Weak surface blow build to 2".
 30: No return.
 30: Weak surface blow build to 1/2".
 30: No return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2281.65	109.77	Initial Hydro-static
1	21.86	108.93	Open To Flow (1)
31	88.75	110.47	Shut-In(1)
61	1200.20	114.52	End Shut-In(1)
61	93.70	114.20	Open To Flow (2)
91	109.25	114.53	Shut-In(2)
123	1101.43	116.51	End Shut-In(2)
124	2174.91	117.04	Final Hydro-static

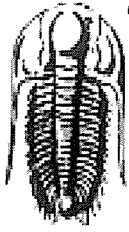
Recovery

Length (ft)	Description	Volume (bbl)
245.00	w cm with oil spot 10%w 90%m	2.33

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Palomino Petroleum, Inc,

23-20s-33w Scott,KS

4924 SE 84th St
New ton KS 67114

Bauer-Buckner #1

Job Ticket: 56665

DST#: 5

ATTN: Andrew Stenzel

Test Start: 2014.07.20 @ 15:05:00

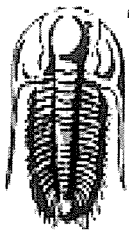
Tool Information

Drill Pipe:	Length: 4488.50 ft	Diameter: 3.80 inches	Volume: 62.96 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: inches	Volume: 0.00 bbl	Weight set on Packer: 30000.00 lb
Drill Collar:	Length: 122.00 ft	Diameter: 2.25 inches	Volume: 0.60 bbl	Weight to Pull Loose: 70000.00 lb
			<u>Total Volume: 63.56 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	16.00 ft			String Weight: Initial 60000.00 lb
Depth to Top Packer:	4622.00 ft			Final 61000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	74.00 ft			
Tool Length:	101.50 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			4595.50	
Shut In Tool	5.00			4600.50	
Hydraulic tool	5.00			4605.50	
Jars	5.00			4610.50	
Safety Joint	2.50			4613.00	
Packer	5.00			4618.00	27.50 Bottom Of Top Packer
Packer	4.00			4622.00	
Stubb	1.00			4623.00	
Perforations	5.00			4628.00	
Recorder	0.00	8357	Inside	4628.00	
Recorder	0.00	6751	Outside	4628.00	
Change Over Sub	1.00			4629.00	
Drill Pipe	63.00			4692.00	
Change Over Sub	1.00			4693.00	
Bullnose	3.00			4696.00	74.00 Bottom Packers & Anchor

Total Tool Length: 101.50



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Palomino Petroleum, Inc,

23-20s-33w Scott,KS

4924 SE 84th St
New ton KS 67114

Bauer-Buckner #1

Job Ticket: 56665

DST#: 5

ATTN: Andrew Stenzel

Test Start: 2014.07.20 @ 15:05:00

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: 47.00 sec/qt

Cushion Volume:

bbl

Water Loss: 8.79 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 5000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
245.00	w cm w ith oil spot 10%w 90%m	2.325

Total Length: 245.00 ft

Total Volume: 2.325 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

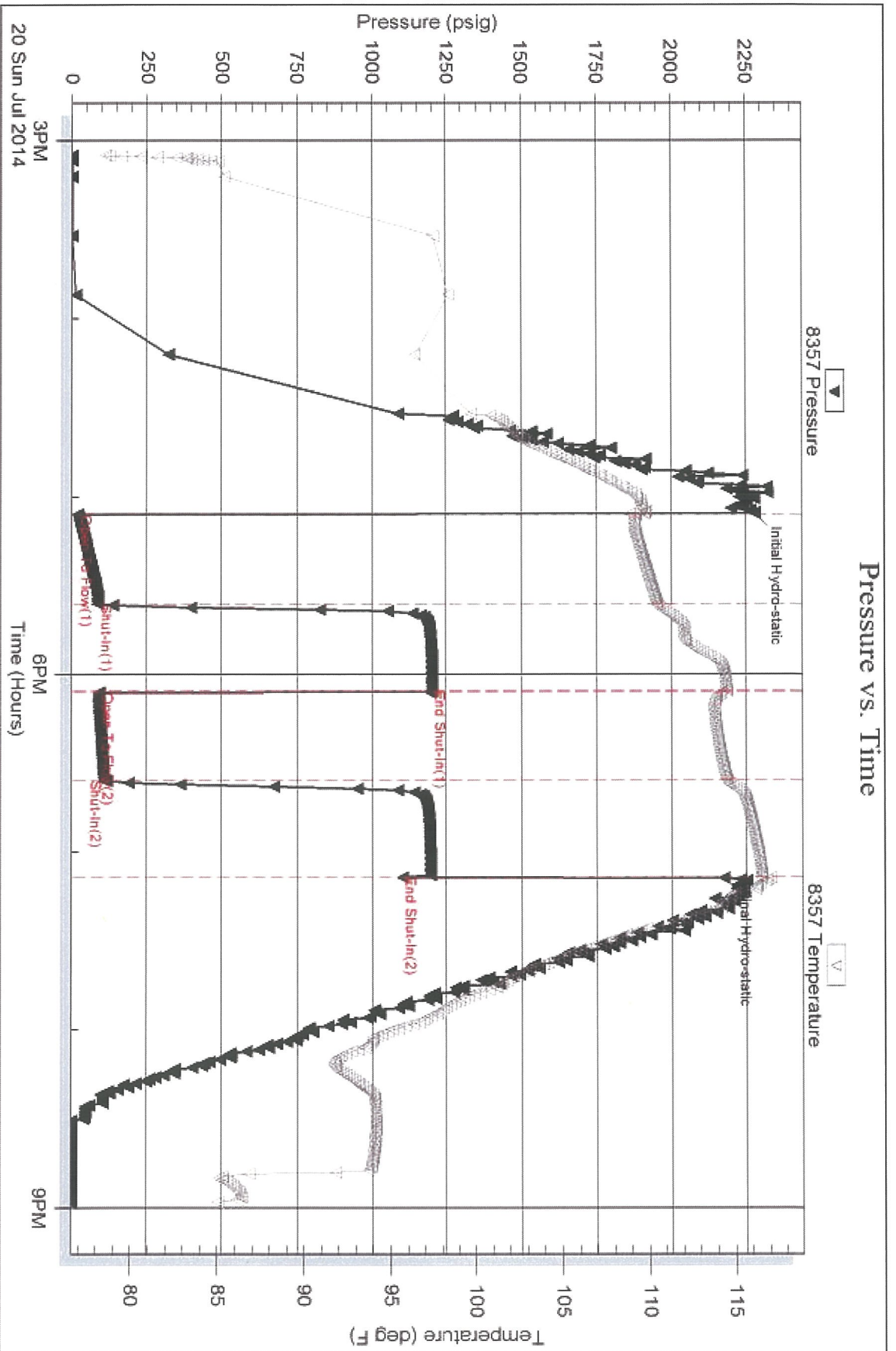
Serial #: 8357

Inside

Palomino Petroleum, Inc.

Bauer-Buckner #1

DST Test Number: 5



Triolobe Testing, Inc

Ref. No: 56665

Printed: 2014.07.22 @ 09:02:33

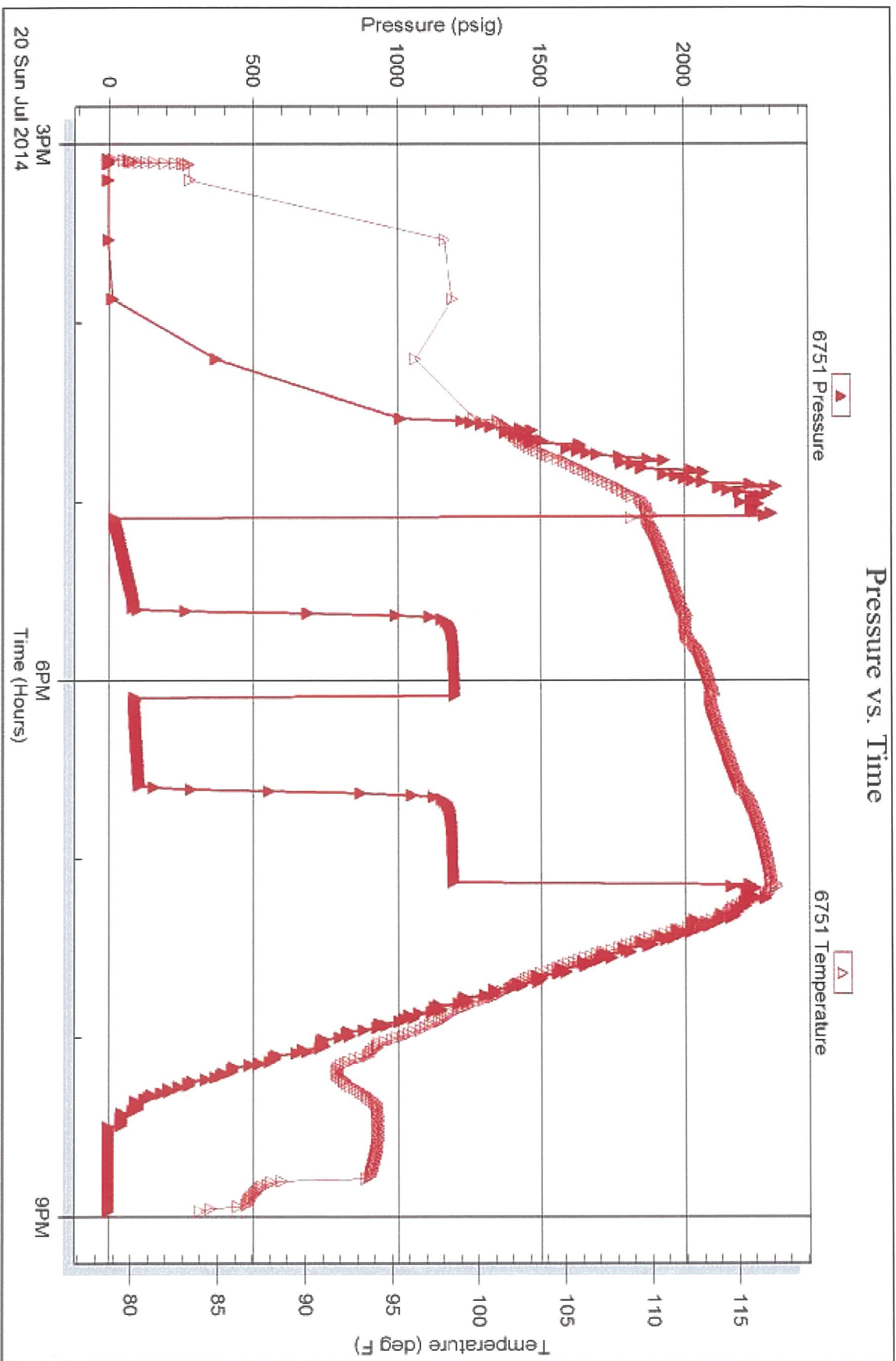
Serial #: 6751

Outside

Palomino Petroleum, Inc.

Bauer-Buckner #1

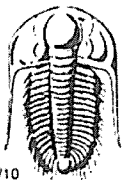
DST Test Number: 5



Tribble Testing, Inc

Ref. No: 56665

Printed: 2014.07.22 @ 09:02:33



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 56661

Well Name & No. Seaver-Buckner #1 Test No. 1 Date 7-17-14
 Company Palomino Petroleum, Inc. Elevation 2946 KB 2942 GL
 Address 4924 SE 84th St Newton KS, 67114
 Co. Rep / Geo. Andrew Stenzel Rig WW #10
 Location: Sec. 23 Twp. 20S Rge. 33W Co. Scott State KS

Interval Tested 4187 4283 Zone Tested lensing K,L
 Anchor Length 96 Drill Pipe Run 4045.5 Mud Wt. 9.0
 Top Packer Depth 4182 Drill Collars Run 122 Vis 50
 Bottom Packer Depth 4187 Wt. Pipe Run 0 WL 7.2
 Total Depth 4283 Chlorides 4,000 ppm System LCM 2

Blow Description 30 B.O.B In 8 min
30 No Return
30 B.O.B In 9 min
30 No Return

Rec	Feet of	%gas	%oil	%water	%mud
<u>786</u>	<u>mcw</u>			<u>80</u>	<u>20</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

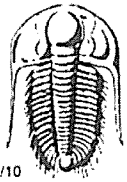
Rec Total 786 BHT 117 Gravity — API RW olel @ 60 °F Chlorides 12000 ppm

(A) Initial Hydrostatic 2045 Test 1250 T-On Location 12:00
 (B) First Initial Flow 323 Jars 250 T-Started 12:40
 (C) First Final Flow 254 Safety Joint 75 T-Open 14:35
 (D) Initial Shut-In 1115 Circ Sub N/C T-Pulled 14:35
 (E) Second Initial Flow 253 Hourly Standby _____ T-Out 18:28
 (F) Second Final Flow 405 Mileage 33 RT 51.15 Comments _____
 (G) Final Shut-In 1113 Sampler _____
 (H) Final Hydrostatic 1974 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 1626.15
 Accessibility _____ MP/DST Disc't _____
 Sub Total 1626.15

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. 56662

Well Name & No. Beaver - Buckner #1 Test No. 2 Date 7-18-14
 Company Palomino Petroleum, Inc. Elevation 2946 KB 2941 GL
 Address 4924 SE 84th Newton KS, 67114
 Co. Rep / Geo. Andrew Stenzel Rig WW #10
 Location: Sec. 23 Twp. 20s Rge. 33w Co. Scott State KS

Interval Tested 4267 4370 Zone Tested Marmaton
 Anchor Length 103 Drill Pipe Run 4138.5 Mud Wt. 9.1
 Top Packer Depth 4262 Drill Collars Run 122 Vis 48
 Bottom Packer Depth 4267 Wt. Pipe Run Ø WL 64
 Total Depth 4370 Chlorides 3000 ppm System LCM 1

Blow Description 30 weak surface Blow Build to 1"
30 No Return
30 weak surface Blow
30 No Return

Rec	Feet of	%gas	%oil	%water	%mud
<u>5</u>	<u>gnco</u>	<u>5</u>	<u>15</u>	<u>80</u>	<u>80</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

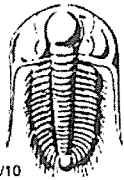
Rec Total 5 BHT 110 Gravity - API RW - @ - ° F Chlorides - ppm

(A) Initial Hydrostatic 2097 Test 1250 T-On Location 4:45
 (B) First Initial Flow 38 Jars 250 T-Started 5:55
 (C) First Final Flow 27 Safety Joint 75 T-Open 7:45
 (D) Initial Shut-In 221 Circ Sub M/C T-Pulled 9:45
 (E) Second Initial Flow 138 Hourly Standby _____ T-Out 11:25
 (F) Second Final Flow 32 Mileage 33RT 51.15 Comments _____
 (G) Final Shut-In 107 Sampler _____
 (H) Final Hydrostatic 1976 Straddle _____ Ruined Shale Packer _____
 Shale Packer _____ Ruined Packer _____
 Extra Packer _____ Extra Copies _____
 Extra Recorder _____ Sub Total 0
 Day Standby _____ Total 1626.15
 Accessibility _____ MP/DST Disc't _____

Initial Open 30
 Initial Shut-In 30
 Final Flow 30
 Final Shut-In 30
 Sub Total 1626.15

Approved By _____ Our Representative [Signature]

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TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 56663

Well Name & No. Bayer-Buckner #1 Test No. 3 Date 7-19-74
 Company Palomine Petroleum, Inc. Elevation 2946 KB 2941 GL
 Address 4924 SE 84th St Newton KS, 67114
 Co. Rep / Geo. Andrew Stenzel Rig WW #10
 Location: Sec. 23 Twp. 20S Rge. 33W Co. Scott State KS

Interval Tested 4353 4568 Zone Tested Beymer, Johnson, Cherokee
 Anchor Length 215 Drill Pipe Run 4234.5 Mud Wt. 9.2
 Top Packer Depth 4348 Drill Collars Run 122 Vis 46
 Bottom Packer Depth 4353 Wt. Pipe Run Ø WL 7.2
 Total Depth 4568 Chlorides 4000 ppm System LCM 1

Blow Description .30 Build to 1/2 then Died at 17 min
.30 No Return
.30 No Blow
.30 No Return

Rec	Feet of	%gas	%oil	%water	%mud
<u>65</u>	<u>mud with oil spot</u>		<u>1</u>	<u>199</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

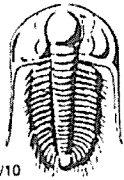
Rec Total 65 BHT 112 Gravity - API RW - @ - °F Chlorides - ppm

(A) Initial Hydrostatic 2148 Test 1250 T-On Location 7:02
 (B) First Initial Flow 27 Jars 250 T-Started 8:10
 (C) First Final Flow 54 Safety Joint 75 T-Open 10:18
 (D) Initial Shut-In 1021 Circ Sub N/C T-Pulled 12:18
 (E) Second Initial Flow 59 Hourly Standby _____ T-Out 13:51
 (F) Second Final Flow 79 Mileage 33 RT 51.15 Comments _____
 (G) Final Shut-In 963 Sampler _____
 (H) Final Hydrostatic 2044 Straddle _____
 Shale Packer _____
 Extra Packer _____
 Extra Recorder _____
 Day Standby _____
 Accessibility _____

Initial Open 30 Ruined Shale Packer _____
 Initial Shut-In 30 Ruined Packer _____
 Final Flow 30 Extra Copies _____
 Final Shut-In 30 Sub Total 0
 Sub Total 1626.15 Total 1626.15
 MP/DST Disc't _____

Approved By _____ Our Representative [Signature]

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TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 56664

Well Name & No. Bauer-Buckner #1 Test No. 4 Date 7-19-14
 Company Palomine Petroleum, Inc. Elevation 2944 KB 2941 GL
 Address 4924 SE 84th St Newton KS, 67114
 Co. Rep / Geo. Andrew Stenzel Rig NW #10
 Location: Sec. 23 Twp. 20s Rge. 33W Co. Scott State KS

Interval Tested 4553 4623 Zone Tested Morrow
 Anchor Length 70 Drill Pipe Run 4425.5 Mud Wt. 9.2
 Top Packer Depth 4548 Drill Collars Run 122 Vis 46
 Bottom Packer Depth 4553 Wt. Pipe Run 0 WL 7.2
 Total Depth 4623 Chlorides 4000 ppm System LCM 1
 Blow Description 30 weak surface Blow Build to 2"
30 No Return
30 weak surface Blow Build to 3"
30 No Return

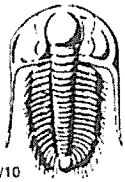
Rec	Feet of	%gas	%oil	%water	%mud
<u>125</u>	<u>gmc</u>	<u>5</u>	<u>15</u>	<u>80</u>	<u>80</u>
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 125 BHT 112 Gravity - API RW - @ - °F Chlorides - ppm

(A) Initial Hydrostatic 2252 Test 1250 T-On Location 22:00
 (B) First Initial Flow 22 Jars 250 T-Started 22:20
 (C) First Final Flow 41 Safety Joint 75 T-Open 00:18
 (D) Initial Shut-In 476 Circ Sub N/C T-Pulled 02:18
 (E) Second Initial Flow 44 Hourly Standby _____ T-Out 04:03
 (F) Second Final Flow 56 Mileage 33 RT 51.15 Comments _____
 (G) Final Shut-In 289 Sampler _____
 (H) Final Hydrostatic 2134 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 1626.15
 Accessibility _____ MP/DST Disc't _____
 Sub Total 1626.15

Approved By _____ Our Representative [Signature]
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TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 56665

Well Name & No. Bauer-Buckner #1 Test No. 5 Date 7-20-14
 Company Palomino Petroleum, Inc. Elevation 2946 KB 2941 GL
 Address 4924 SE 84th St Newton KS 67114
 Co. Rep / Geo. Andrew Stenzel Rig WW #10
 Location: Sec. 23 Twp. 20S Rge. 33W Co. Scott State KS

Interval Tested 4622 4696 Zone Tested Miss
 Anchor Length 74 Drill Pipe Run 4488.5 Mud Wt. 9.2
 Top Packer Depth 4617 Drill Collars Run 122 Vis 47
 Bottom Packer Depth 4622 Wt. Pipe Run 0 WL 8.8
 Total Depth 4696 Chlorides 5000 ppm System LCM 1

Blow Description 30 weak surface Blow Build to 2"
30 No Return
30 weak surface Blow Build to 1/2"
30 No Return

Rec	Feet of	%gas	%oil	%water	%mud
<u>245</u>	<u>MCW oil spec</u>			<u>10</u>	<u>90</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

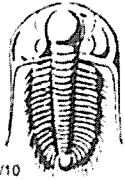
Rec Total 245 BHT 117 Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic 2292 Test 1250 T-On Location 14:30
 (B) First Initial Flow 22 Jars 250 T-Started 15:05
 (C) First Final Flow 89 Safety Joint 75 T-Open 17:06
 (D) Initial Shut-In 1200 Circ Sub N/C T-Pulled 19:06
 (E) Second Initial Flow 94 Hourly Standby _____ T-Out 20:58
 (F) Second Final Flow 109 Mileage 33 RT 51.15 Comments _____
 (G) Final Shut-In 1101 Sampler _____
 (H) Final Hydrostatic 2175 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 1626.15
 Accessibility _____ MP/DST Disc't _____
 Sub Total 1626.15

Approved By _____ Our Representative [Signature]

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TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 57187

Well Name & No. Bauer - Buckner #1 Test No. N/A Date 7-22-14
 Company Palamio Petroleum, Inc. Elevation 2946 KB 2941 GL
 Address 4924 SE 84th St. Newton, KS 67114
 Co. Rep / Geo. Andrew Stenzel Rig WW#10
 Location: Sec. 23 Twp. 20s Rge. 33W Co. Scott State KS

Interval Tested _____ Zone Tested _____
 Anchor Length _____ Drill Pipe Run _____ Mud Wt. _____
 Top Packer Depth _____ Drill Collars Run _____ Vis _____
 Bottom Packer Depth _____ Wt. Pipe Run _____ WL _____
 Total Depth _____ Chlorides _____ ppm System LCM _____
 Blow Description _____

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	Feet of	%gas	%oil	%water	%mud

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

(A) Initial Hydrostatic _____ Test _____ T-On Location 5' 45"
 (B) First Initial Flow _____ Jars _____ T-Started _____
 (C) First Final Flow _____ Safety Joint _____ T-Open _____
 (D) Initial Shut-In _____ Circ Sub _____ T-Pulled _____
 (E) Second Initial Flow _____ Hourly Standby _____ T-Out _____
 (F) Second Final Flow _____ Mileage 33 RT 51.15 Comments No test. Picked up tools.
 (G) Final Shut-In _____ Sampler _____
 (H) Final Hydrostatic _____ Straddle _____ Ruined Shale Packer _____
 Shale Packer _____ Ruined Packer _____
 Extra Packer _____ Extra Copies _____
 Extra Recorder _____ Sub Total 800
 Day Standby 1d 8.75h Total 851.15
 Accessibility _____ MP/DST Disc't _____
 Sub Total 51.15

Approved By _____ Our Representative Chuck Smith

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