



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1210457
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
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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: _____

1210457

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: _____ _____
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Form	ACO1 - Well Completion
Operator	Palomino Petroleum, Inc.
Well Name	Banner Road Hunt Club 1
Doc ID	1210457

Tops

Name	Top	Datum
Anhy.	1818	(+ 550)
Base Anhy.	1856	(+ 512)
Heebner	3640	(-1272)
Lansing	3680	(-1312)
BKC	3966	(-1590)
Marmaton	3984	(-1616)
Pawnee	4106	(-1738)
Ft. Scott	4173	(-1805)
Cherokee Sh.	4197	(-1829)
Miss.	4262	(-1894)
LTD	4398	(-2030)

JUN 04 2014

Invoice



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



DATE	INVOICE #
6/2/2014	26331

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

- Acidizing
- Cement
- Tool Rental

TERMS	Well No.	Lease	County	Contractor	Well Type	Well Category	Job Purpose	Operator
Net 30	#1	Banner Ranc...	Trego	Cheyenne Well Se...	Oil	Development	Cement Port Collar	Blaine

PRICE REF.	DESCRIPTION	QTY	UM	UNIT PRICE	AMOUNT
575D	Mileage - 1 Way	40	Miles	6.00	240.00
576D-D	Pump Charge - Port Collar	1	Job	1,500.00	1,500.00
330	Swift Multi-Density Standard (MIDCON II)	130	Sacks	18.50	2,405.00T
276	Flocele	50	Lb(s)	2.50	125.00T
290	D-Air	2	Gallon(s)	42.00	84.00T
104	Port Collar Tool Rental	1	Each	250.00	250.00T
581D	Service Charge Cement	200	Sacks	2.00	400.00
583D	Drayage	398.04	Ton Miles	1.00	398.04
	Subtotal				5,402.04
	Sales Tax Trego County			7.65%	219.10

We Appreciate Your Business!	Total	\$5,621.14
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Services, Inc.

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

TICKET 26331
 PAGE 1 OF 1

SERVICE LOCATIONS
 1. Moody City KS WELL/PROJECT NO. #1 LEASE Banner Road Hunt Club COUNTY/PARISH Trego STATE KS CITY Utica DATE 2 Apr 13 OWNER
 2. TICKET TYPE SERVICE CONTRACTOR Cheyenne RIG NAME/NO. Development SHIPPED WCT DELIVERED TO location ORDER NO.
 3. WELL TYPE D11 WELL CATEGORY Development JOB PURPOSE cement part collar WELL PERMIT NO. WELL LOCATION
 4. REFERRAL LOCATION INVOICE INSTRUCTIONS

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.	UM	QTY.	UM	UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
575					MILEAGE	40	mi			6.00	240.00
576D					Ring Charge	1	ea			1500.00	1500.00
330					SWD cement	130	sk			18.50	2405.00
276					Fluocole	50	lb			2.50	125.00
290					D-air	2	cu			42.00	84.00
104					Post collar Tool Rental	1	ea			250.00	250.00
583					Drayage	1902	lb			1.00	398.04
581					Service charge	200	sk			2.00	400.00

LEGAL TERMS: Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, PAYMENT, RELEASE, INDEMNITY, and LIMITED WARRANTY provisions.

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

MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS

SURVEY

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

PAGE TOTAL 5402.04

DATE SIGNED Alman Winkler TIME SIGNED 11:30 A.M. P.M.

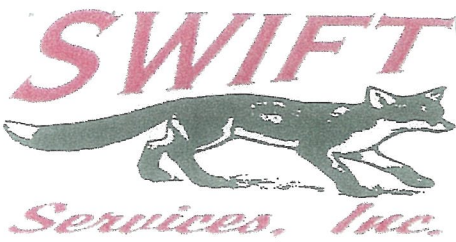
SWIFT OPERATOR Alman Winkler

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

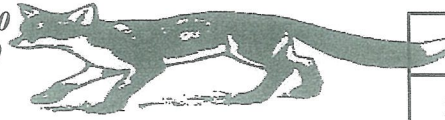
APPROVAL Alman Winkler

TOTAL 5621.14

SWIFT OPERATOR Alman Winkler APPROVAL Alman Winkler Thank You



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



RECEIVED

MAY 29 2014

Invoice

DATE	INVOICE #
5/23/2014	25587

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

- Acidizing
- Cement
- Tool Rental

TERMS	Well No.	Lease	County	Contractor	Well Type	Well Category	Job Purpose	Operator
Net 30	#1	Banner Road ...	Trego	WW Drilling #10	Oil	Development	Cement 5-1/2" L...	David
PRICE REF.	DESCRIPTION				QTY	UM	UNIT PRICE	AMOUNT
575D	Mileage - 1 Way				45	Miles	6.00	270.00
578D-L	Pump Charge - Long String				1	Job	1,500.00	1,500.00
409-5	5 1/2" Turbolizer				11	Each	90.00	990.00T
403-5	5 1/2" Cement Basket				2	Each	300.00	600.00T
406-5	5 1/2" Latch Down Plug & Baffle				1	Each	275.00	275.00T
407-5	5 1/2" Insert Float Shoe With Auto Fill				1	Each	375.00	375.00T
404-5	5 1/2" Port Collar				1	Each	2,900.00	2,900.00T
419-5	5 1/2" Rotating Head Rental				1	Each	200.00	200.00T
325	Standard Cement				100	Sacks	14.50	1,450.00T
284	Calseal				5	Sack(s)	35.00	175.00T
283	Salt				500	Lb(s)	0.20	100.00T
285	CFR-1				50	Lb(s)	4.50	225.00T
276	Flocele				50	Lb(s)	2.50	125.00T
330	Swift Multi-Density Standard (MIDCON II)				125	Sacks	18.50	2,312.50T
290	D-Air				5	Gallon(s)	42.00	210.00T
281	Mud Flush				500	Gallon(s)	1.25	625.00T
221	Liquid KCL (Clayfix)				4	Gallon(s)	25.00	100.00T
581D	Service Charge Cement				225	Sacks	2.00	450.00
583D	Drayage				515.57	Ton Miles	1.00	515.57
	Subtotal							13,398.07
	Sales Tax Trego County						7.65%	815.68

We Appreciate Your Business!

Total

\$14,213.75



Services, Inc.

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

TICKET 25587

PAGE 1 OF 2

SERVICE LOCATIONS	WELL/PROJECT NO.	LEASE	COUNTY/PARISH	STATE	CITY	DATE	OWNER
1. <u>Ness City KS</u>	<u>#1</u>	<u>Banner Red Hand cld</u>	<u>Twp</u>	<u>KS</u>	<u>Utica</u>	<u>5-23-14</u>	
	TICKET TYPE <input checked="" type="checkbox"/> SERVICE <input type="checkbox"/> SALES	CONTRACTOR <u>W+W Drilling</u>	RIG NAME/NO. <u># 10</u>	SHIPPED VIA/T	DELIVERED TO <u>Location</u>	ORDER NO.	
	WELL TYPE <u>Oil</u>	WELL CATEGORY <u>Development</u>	JOB PURPOSE <u>Cement 5 1/2" Longstring</u>	WELL PERMIT NO.	WELL LOCATION <u>Utica KS - 1E, 8N, E10</u>		
4. REFERRAL LOCATION	INVOICE INSTRUCTIONS						

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	MILEAGE	QTY.	UM	QTY.	UM	UNIT PRICE	AMOUNT
		LOC	ACCT	DF								
575					Tub # 115				45	in	6.00	270.00
578					Pump Charge - Longstring		1	job			1500.00	1500.00
409					Turbolizer		5	in	11	ea	90.00	990.00
403					Cement Boshel		5	in	2	ea	300.00	600.00
406					Latch Down Plug + Baffle		5	in	1	ea	275.00	275.00
407					Insert Flood Shoe w/ Auto Fill		5	in	1	ea	375.00	375.00
404					Port Collar		5	in	1	ea	2900.00	2900.00
419					Robbing Head Rental		1	job	5	in	200.00	200.00

LEGAL TERMS: Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, PAYMENT, RELEASE, INDEMNITY, and LIMITED WARRANTY provisions.

MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS
 DATE SIGNED: 5-23-14 TIME SIGNED: 1200
 X Blaine Clark

REMIT PAYMENT TO:

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

SURVEY

OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?

WE UNDERSTOOD AND MET YOUR NEEDS?

OUR SERVICE WAS PERFORMED WITHOUT DELAY?

WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?

ARE YOU SATISFIED WITH OUR SERVICE? YES NO

CUSTOMER DID NOT WISH TO RESPOND

PAGE TOTAL #1	7110.00
PAGE TOTAL #2	6258.07
Subtotal	13,398.07
REGO TAK	815.68
TOTAL	14,213.75

SWIFT OPERATOR: David Lushin APPROVAL: _____

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

Thank You!



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

TICKET CONTINUATION

TICKET No. 25587

CUSTOMER Palomino Petroleum

WELL Power Road Hunt Club #1

DATE 5-23-14

PAGE 2 OF 2

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			TIME	DESCRIPTION	WELL		UNIT PRICE	AMOUNT
		LOC	ACCT	DF			QTY.	UM		
325		1				Standard Cement			14	1450.00
284		1				Celseed			35	175.00
283		1				Salt	5%	5 shs	60.00	100.00
285		1				CFR-1	10%	500 lbs	4.50	225.00
226		1				Flocide	1/4 lb	50 lbs	2.50	125.00
330		1				SMD Cement		125 shs	18.50	2312.50
240		1				D-Air		5 gal	42.00	210.00
281		1				Mud Flush		500 gal	1.25	625.00
221		1				Liquid KCl		4 gal	25.00	100.00
561		1				SERVICE CHARGE			225	450.00
563		1				MILEAGE CHARGE			565.57	565.57

CONTINUATION TOTAL 6288.07

JOB LOG

SWIFT Services, Inc.

DATE 5-23-14 PAGE NO.

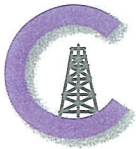
CUSTOMER Palomino Petroleum WELL NO. #1 LEASE Banner Round Hunt Club JOB TYPE Cement 5 1/2" Longstring TICKET NO. 25587

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1100							on location
								RTD - 4397 LTD - 4398 TP - 4398 SS - #1 4.25 P.C. - #61 1829 5 1/2" 14 # TurboLizer - 12, 4, 6, 8, 10, 12, 13, 14, 16, 60 Basket - 2, 61 100 sks EA-2 w/ 1/4 Flo 125 sks SMO w/ 1/4 Flo
	1315							start 5 1/2" 14 # casing in well
	1500							Drop Ball Circulate Rotator
	1600	6 1/2	20 12	✓		350		pump 500 gal Mud Flush
		6 1/2	20	✓		350		pump 20 bbl 15CL Flush
			11					Plug RH 30 sks
	1615	4 1/2	34	✓		250		mix 95 sks SMO @ 12.7 fpg
		4 1/2	24	✓		250		mix 100 sks EA-2 @ 15.5 fpg
								wash out Pump & Lines
	1830	6 1/2	0	✓		100		Start Displacement
		6 1/2	80	✓		250		Li-A Pressure
		6 1/2	106	✓		850		Max Lift Pressure
	1845	6 1/2	106.3	✓		500		Land Latch Down Plug
								Release Pressure - Hold -
								wash up truck
	1930							Job Complete

Thank You
Dave Doug Rob

MAY 22 2014

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



CONSOLIDATED
Oil Well Services, LLC

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

INVOICE

Invoice # 268244

Invoice Date: 05/19/2014 Terms: 10/10/30,n/30

Page 1

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

BANNER ROAD HUNT CLUB #1
43115
17-15S-25W
05-16-2014
KS

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

Sublet Performed	Description	Total
9996-130	CEMENT MATERIAL DISCOUNT	-358.16
9995-130	CEMENT EQUIPMENT DISCOUNT	-180.84

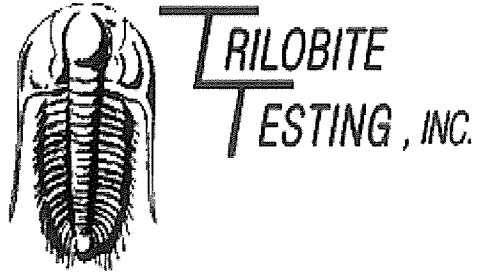
Description	Hours	Unit Price	Total
460 TON MILEAGE DELIVERY	1.00	474.60	474.60
T-118 CEMENT PUMP (SURFACE)	1.00	1150.00	1150.00
T-118 EQUIPMENT MILEAGE (ONE WAY)	35.00	5.25	183.75

Amount Due 5663.89 if paid after 06/18/2014

Parts:	3581.55	Freight:	.00	Tax:	246.59	AR	5097.49
Labor:	.00	Misc:	.00	Total:	5097.49		
Sublt:	-539.00	Supplies:	.00	Change:	.00		

Signed _____

Date _____



DRILL STEM TEST REPORT

Prepared For: **Palomino Petroleum**

4924 SE 84th St.
Newton KS 67114

ATTN: Andrew Stenzel

17-15s-25w Trego,KS

Banner Road Hunt Club #1

Start Date: 2014.05.22 @ 07:02:00

End Date: 2014.05.22 @ 13:19:45

Job Ticket #: 57650 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2014.05.27 @ 11:35:43

Palomino Petroleum

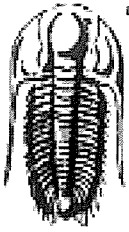
Banner Road Hunt Club #1

17-15s-25w Trego,KS

DST # 1

Mississippian

2014.05.22



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Palomino Petroleum

Banner Road Hunt Club #1

4924 SE 84th St.
New ton KS 67114

17-15s-25w Trego,KS

ATTN: Andrew Stenzel

Job Ticket: 57650

DST#: 1

Test Start: 2014.05.22 @ 07:02:00

GENERAL INFORMATION:

Formation: **Mississippian**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 08:44:00

Time Test Ended: 13:19:45

Test Type: Conventional Straddle (Initial)

Tester: Bradley Walter/ Just

Unit No: 69

Interval: **4266.00 ft (KB) To 4310.00 ft (KB) (TVD)**

Reference Elevations: 2368.00 ft (KB)

Total Depth: 4398.00 ft (KB) (TVD)

2363.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 5.00 ft

Serial #: 8678 Outside

Press@RunDepth: 98.49 psig @ 4267.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.05.22

End Date:

2014.05.22

Last Calib.: 2014.05.22

Start Time: 07:02:05

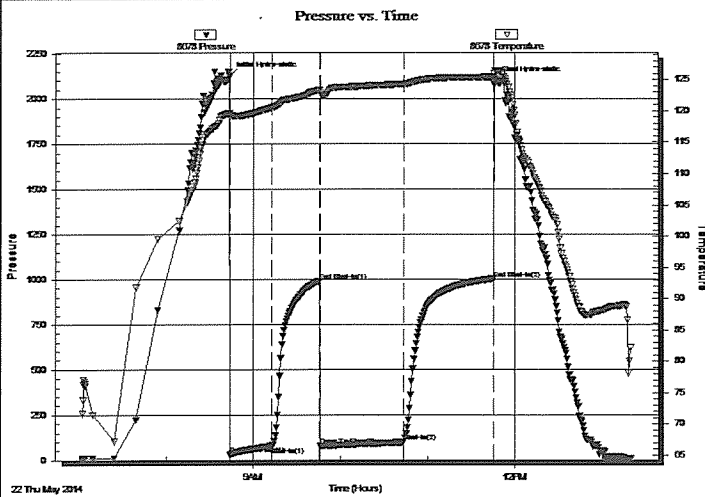
End Time:

13:19:44

Time On Btm: 2014.05.22 @ 08:43:45

Time Off Btm: 2014.05.22 @ 11:46:30

TEST COMMENT: 30: 3" blow .
30: no return.
60: 5 1/2
60: Surface return, died @ 45 min.



PRESSURE SUMMARY

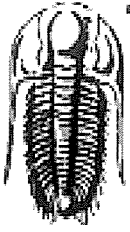
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2128.90	119.72	Initial Hydro-static
1	28.93	119.02	Open To Flow (1)
30	75.94	120.58	Shut-In(1)
62	990.05	123.30	End Shut-In(1)
63	79.21	122.81	Open To Flow (2)
120	98.49	124.29	Shut-In(2)
182	999.81	125.45	End Shut-In(2)
183	2104.39	126.39	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
145.00	gmco 15g 40m 45o	0.91
50.00	co 100o	0.70
0.00	170' GIP	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Palomino Petroleum

4924 SE 84th St.
Newton KS 67114

ATTN: Andrew Stenzel

Banner Road Hunt Club #1

17-15s-25w Trego,KS

Job Ticket: 57650

DST#: 1

Test Start: 2014.05.22 @ 07:02:00

GENERAL INFORMATION:

Formation: **Mississippian**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 08:44:00

Time Test Ended: 13:19:45

Test Type: Conventional Straddle (Initial)

Tester: Bradley Walter/ Just

Unit No: 69

Interval: **4266.00 ft (KB) To 4310.00 ft (KB) (TVD)**

Total Depth: 4398.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2368.00 ft (KB)

2363.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 8677

Inside

Press@RunDepth: psig @ 4267.00 ft (KB)

Start Date: 2014.05.22 End Date: 2014.05.22

Start Time: 07:02:05 End Time: 13:19:44

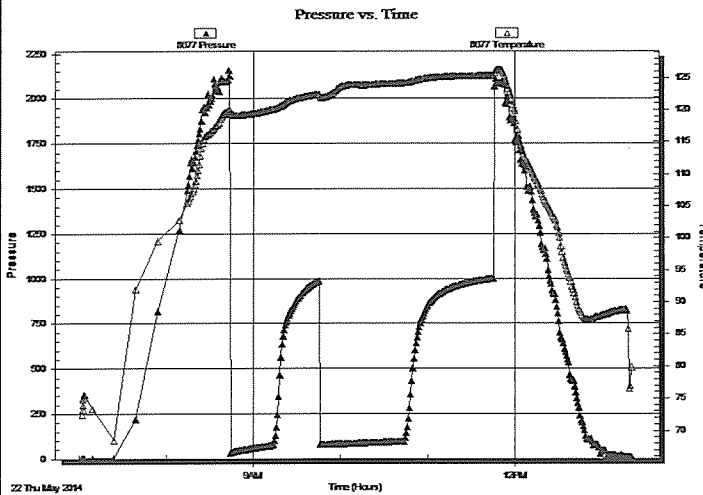
Capacity: 8000.00 psig

Last Calib.: 2014.05.22

Time On Btm:

Time Off Btm:

TEST COMMENT: 30: 3" blow.
30: no return.
60: 5 1/2
60: Surface return, died @ 45 min.



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
145.00	gmco 15g 40m 45o	0.91
50.00	co 100o	0.70
0.00	170' GIP	0.00

Gas Rates

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



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Palomino Petroleum

Banner Road Hunt Club #1

4924 SE 84th St.
New ton KS 67114

17-15s-25w Trego,KS

Job Ticket: 57650 **DST#: 1**

ATTN: Andrew Stenzel

Test Start: 2014.05.22 @ 07:02:00

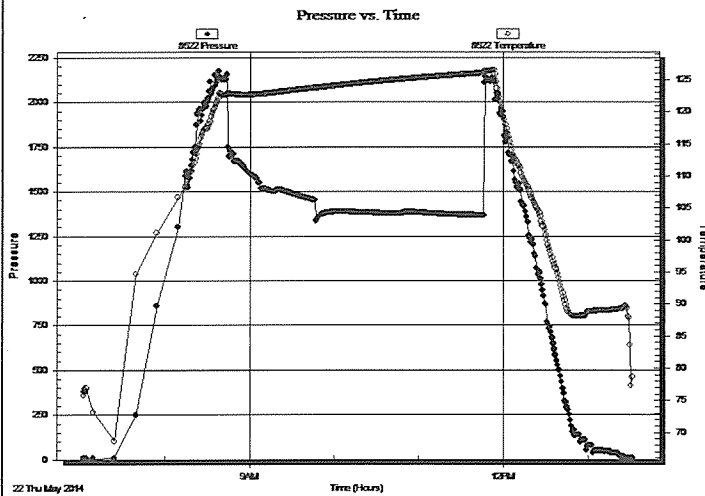
GENERAL INFORMATION:

Formation: Mississippian	Test Type: Conventional Straddle (Initial)
Deviated: No Whipstock: ft (KB)	Tester: Bradley Walter/ Just
Time Tool Opened: 08:44:00	Unit No: 69
Time Test Ended: 13:19:45	Reference Elevations: 2368.00 ft (KB)
Interval: 4266.00 ft (KB) To 4310.00 ft (KB) (TVD)	2363.00 ft (CF)
Total Depth: 4398.00 ft (KB) (TVD)	KB to GR/CF: 5.00 ft
Hole Diameter: 7.88 inchesHole Condition: Good	

Serial #: 8522 Below (Straddle)

Press@RunDepth: psig @ 4331.00 ft (KB)	Capacity: 8000.00 psig
Start Date: 2014.05.22 End Date: 2014.05.22	Last Calib.: 2014.05.22
Start Time: 07:02:05 End Time: 13:30:59	Time On Btm:
	Time Off Btm:

TEST COMMENT: 30: 3" blow .
30: no return.
60: 5 1/2
60: Surface return, died @ 45 min.



PRESSURE SUMMARY

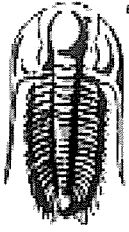
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

Recovery

Length (ft)	Description	Volume (bbl)
145.00	gmco 15g 40m 45o	0.91
50.00	co 100o	0.70
0.00	170' GIP	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Palomino Petroleum

Banner Road Hunt Club #1

4924 SE 84th St.
New ton KS 67114

17-15s-25w Trego,KS

Job Ticket: 57650

DST#: 1

ATTN: Andrew Stenzel

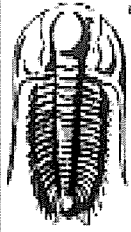
Test Start: 2014.05.22 @ 07:02:00

Tool Information

Drill Pipe:	Length: 4138.00 ft	Diameter: 3.80 inches	Volume: 58.05 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 123.00 ft	Diameter: 2.25 inches	Volume: 0.60 bbl	Weight to Pull Loose: 75000.00 lb
			<u>Total Volume: 58.65 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	22.00 ft			String Weight: Initial 60000.00 lb
Depth to Top Packer:	4266.00 ft			Final 61000.00 lb
Depth to Bottom Packer:	4307.00 ft			
Interval between Packers:	41.00 ft			
Tool Length:	159.00 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			4240.00	
Shut In Tool	5.00			4245.00	
Hydraulic tool	5.00			4250.00	
Jars	5.00			4255.00	
Safety Joint	2.00			4257.00	
Packer	5.00			4262.00	27.00 Bottom Of Top Packer
Packer	4.00			4266.00	
Stubb	1.00			4267.00	
Recorder	0.00	8677	Inside	4267.00	
Recorder	0.00	8678	Outside	4267.00	
Perforations	1.00			4268.00	
Change Over Sub	1.00			4269.00	
Drill Pipe	31.00			4300.00	
Change Over Sub	1.00			4301.00	
Perforations	5.00			4306.00	
Blank Off Sub	1.00			4307.00	41.00 Tool Interval
Packer	3.00			4310.00	
Stubb	1.00			4311.00	
Perforations	19.00			4330.00	
Change Over Sub	1.00			4331.00	
Recorder	0.00	8522	Below	4331.00	
Drill Pipe	63.00			4394.00	
Change Over Sub	1.00			4395.00	
Bullnose	3.00			4398.00	91.00 Bottom Packers & Anchor
Total Tool Length:	159.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Palomino Petroleum

Banner Road Hunt Club #1

4924 SE 84th St.
New ton KS 67114

17-15s-25w Trego,KS

Job Ticket: 57650

DST#: 1

ATTN: Andrew Stenzel

Test Start: 2014.05.22 @ 07:02:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

39 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: 7.59 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2700.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
145.00	gmco 15g 40m 45o	0.913
50.00	co 100o	0.701
0.00	170' GIP	0.000

Total Length: 195.00 ft

Total Volume: 1.614 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

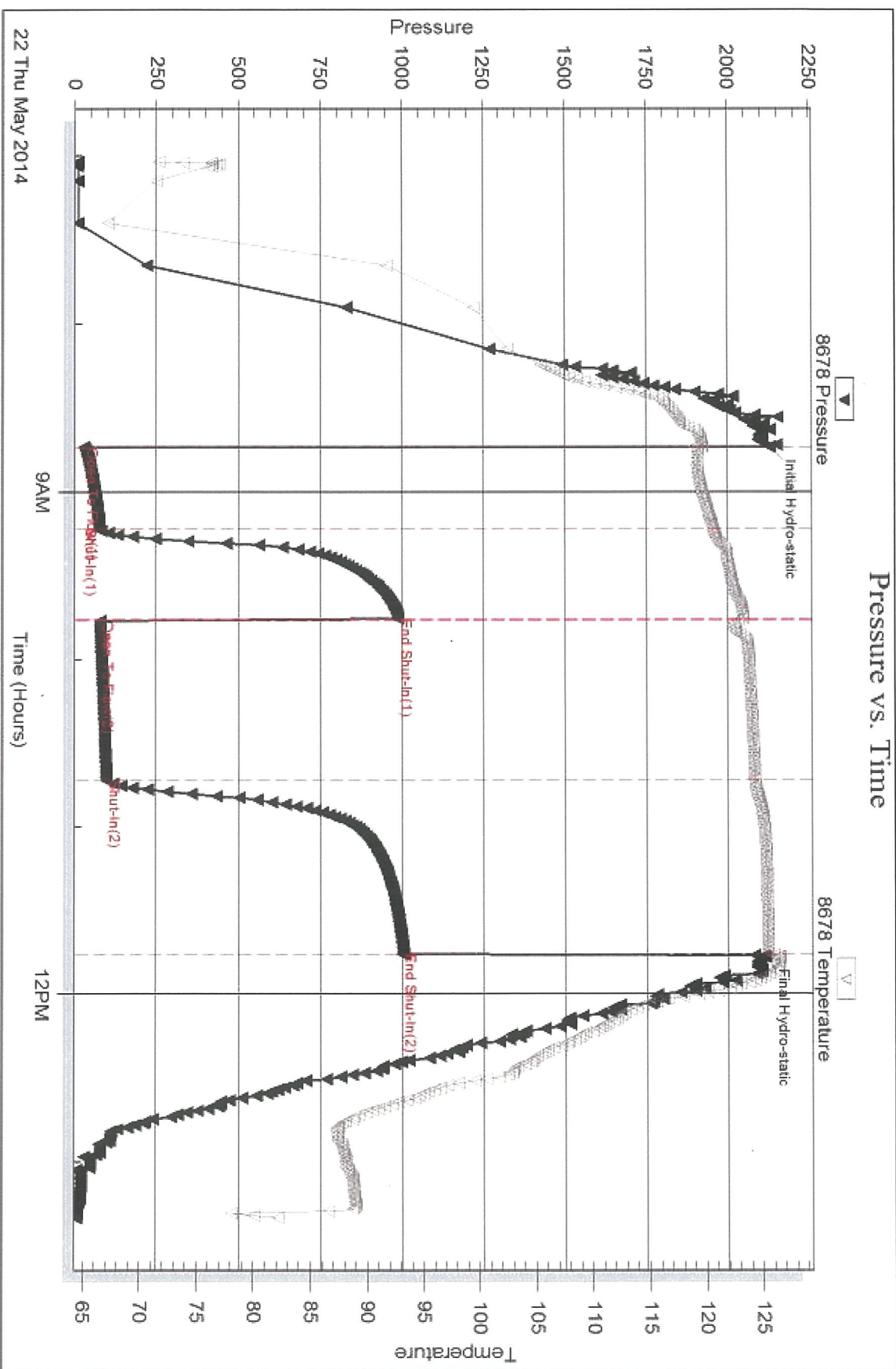
Recovery Comments:

Serial #: 8678

Outside Palomino Petroleum

17-15s-25w Trego,KS

DST Test Number: 1



Triobite Testing, Inc

Ref. No: 57650

Printed: 2014.05.27 @ 11:35:45

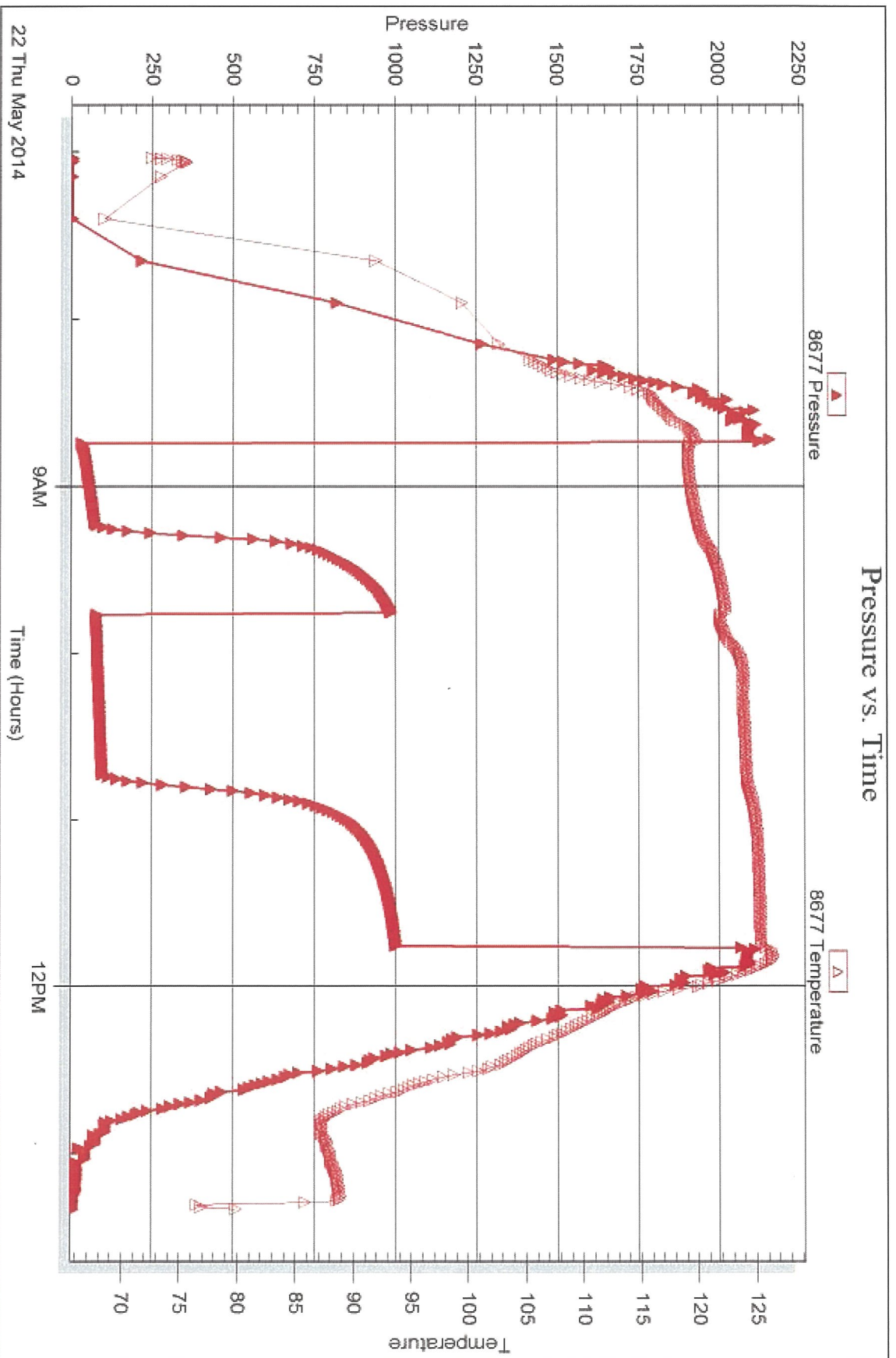
Serial #: 8677

Inside

Palomino Petroleum

17-15s-25w Trego,KS

DST Test Number: 1



Triobite Testing, Inc

Ref. No: 57650

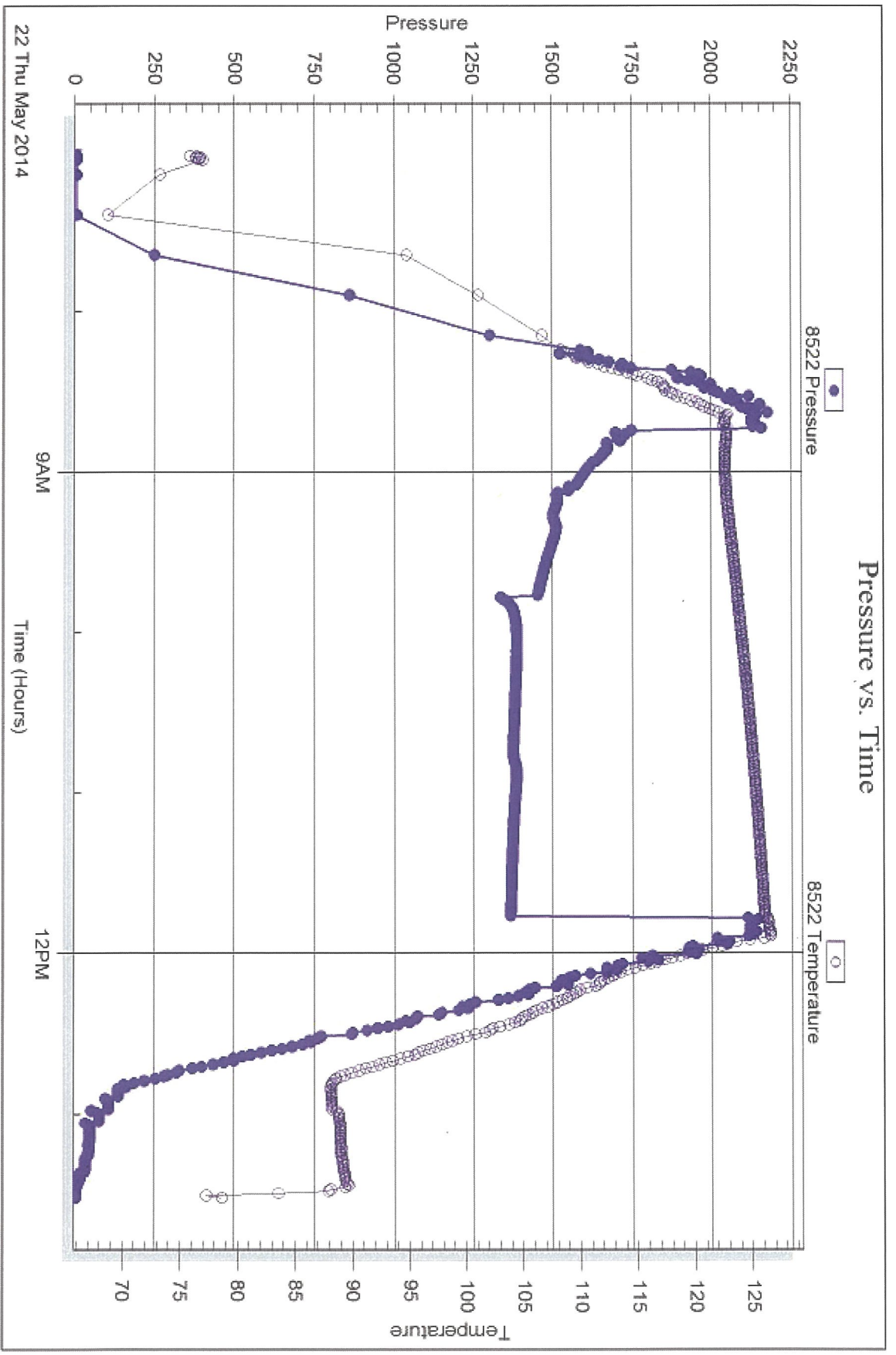
Printed: 2014.05.27 @ 11:35:45

Serial #: 8522

Below (Stratton) Petroleum

17-15s-25w Trego,KS

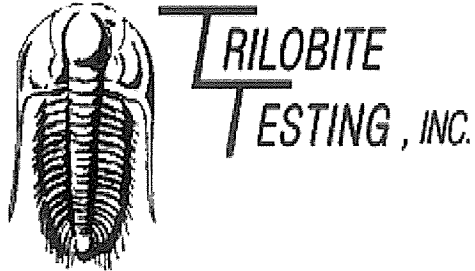
DST Test Number: 1



Triobite Testing, Inc

Ref. No: 57650

Printed: 2014.05.27 @ 11:35:45



DRILL STEM TEST REPORT

Prepared For: **Palomino Petroleum**

4924 SE 84th St.
Newton KS 67114

ATTN: Andrew Stenzel

17-15s-25w Trego,KS

Banner Road Hunt Club #1

Start Date: 2014.05.22 @ 14:22:00

End Date: 2014.05.22 @ 18:17:45

Job Ticket #: 54902 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2014.05.27 @ 11:35:23

Palomino Petroleum

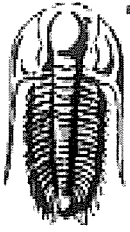
Banner Road Hunt Club #1

17-15s-25w Trego,KS

DST # 2

LKC- H,I,J

2014.05.22



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Palomino Petroleum

4924 SE 84th St.
New ton KS 67114

ATTN: Andrew Stenzel

Banner Road Hunt Club #1

17-15s-25w Trego,KS

Job Ticket: 54902

DST#: 2

Test Start: 2014.05.22 @ 14:22:00

GENERAL INFORMATION:

Formation: **LKC- H,I,J**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 16:05:00

Time Test Ended: 18:17:45

Test Type: Conventional Straddle (Reset)

Tester: Bradley Walter/ Just

Unit No: 69

Interval: **3816.00 ft (KB) To 3962.00 ft (KB) (TVD)**

Total Depth: 4398.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2368.00 ft (KB)

2363.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 8678 Outside

Press@RunDepth: psig @ 3817.00 ft (KB)

Start Date: 2014.05.22

End Date:

2014.05.22

Capacity: 8000.00 psig

Last Calib.:

2014.05.23

Start Time: 14:22:05

End Time:

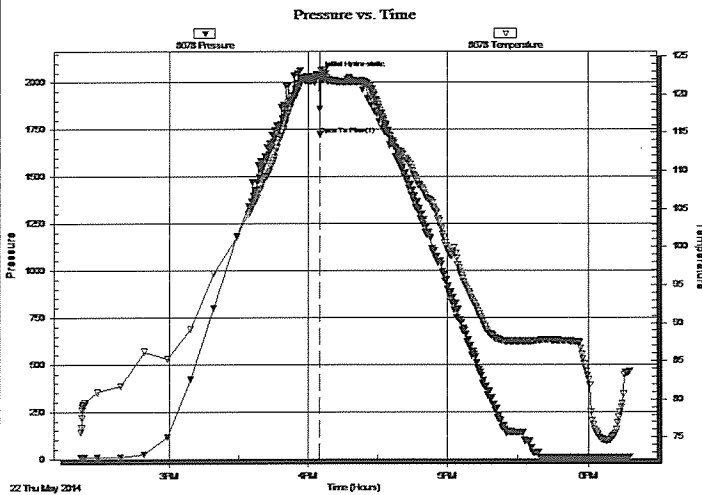
18:17:45

Time On Btm:

2014.05.22 @ 16:04:30

Time Off Btm:

TEST COMMENT: Mis-Run Packer Failure



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2038.22	122.43	Initial Hydro-static
1	1723.41	122.45	Open To Flow (1)

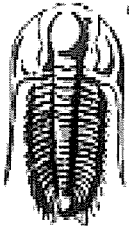
Recovery

Length (ft)	Description	Volume (bbl)
260.00	mud 100m	2.53

* 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

Banner Road Hunt Club #1

4924 SE 84th St.
New ton KS 67114

17-15s-25w Trego,KS

Job Ticket: 54902

DST#: 2

ATTN: Andrew Stenzel

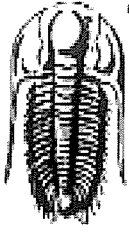
Test Start: 2014.05.22 @ 14:22:00

Tool Information

Drill Pipe:	Length: 3696.00 ft	Diameter: 3.80 inches	Volume: 51.85 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 123.00 ft	Diameter: 2.25 inches	Volume: 0.60 bbl	Weight to Pull Loose: 75000.00 lb
			<u>Total Volume: 52.45 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	30.00 ft			String Weight: Initial 60000.00 lb
Depth to Top Packer:	3816.00 ft			Final 62000.00 lb
Depth to Bottom Packer:	3959.00 ft			
Interval between Packers:	143.00 ft			
Tool Length:	609.00 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			3790.00	
Shut In Tool	5.00			3795.00	
Hydraulic tool	5.00			3800.00	
Jars	5.00			3805.00	
Safety Joint	2.00			3807.00	
Packer	5.00			3812.00	27.00 Bottom Of Top Packer
Packer	4.00			3816.00	
Stubb	1.00			3817.00	
Recorder	0.00	8677	Inside	3817.00	
Recorder	0.00	8678	Outside	3817.00	
Perforations	7.00			3824.00	
Change Over Sub	1.00			3825.00	
Drill Pipe	127.00			3952.00	
Change Over Sub	1.00			3953.00	
Perforations	5.00			3958.00	
Blank Off Sub	1.00			3959.00	143.00 Tool Interval
Packer	3.00			3962.00	
Stubb	1.00			3963.00	
Perforations	19.00			3982.00	
Change Over Sub	1.00			3983.00	
Recorder	0.00	8522	Below	3983.00	
Drill Pipe	411.00			4394.00	
Change Over Sub	1.00			4395.00	
Bullnose	3.00			4398.00	439.00 Bottom Packers & Anchor
Total Tool Length:	609.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Palomino Petroleum

Banner Road Hunt Club #1

4924 SE 84th St.
New ton KS 67114

17-15s-25w Trego,KS

Job Ticket: 54902

DST#: 2

ATTN: Andrew Stenzel

Test Start: 2014.05.22 @ 14:22:00

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: 59.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.59 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 2700.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
260.00	mud 100m	2.527

Total Length: 260.00 ft Total Volume: 2.527 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments:

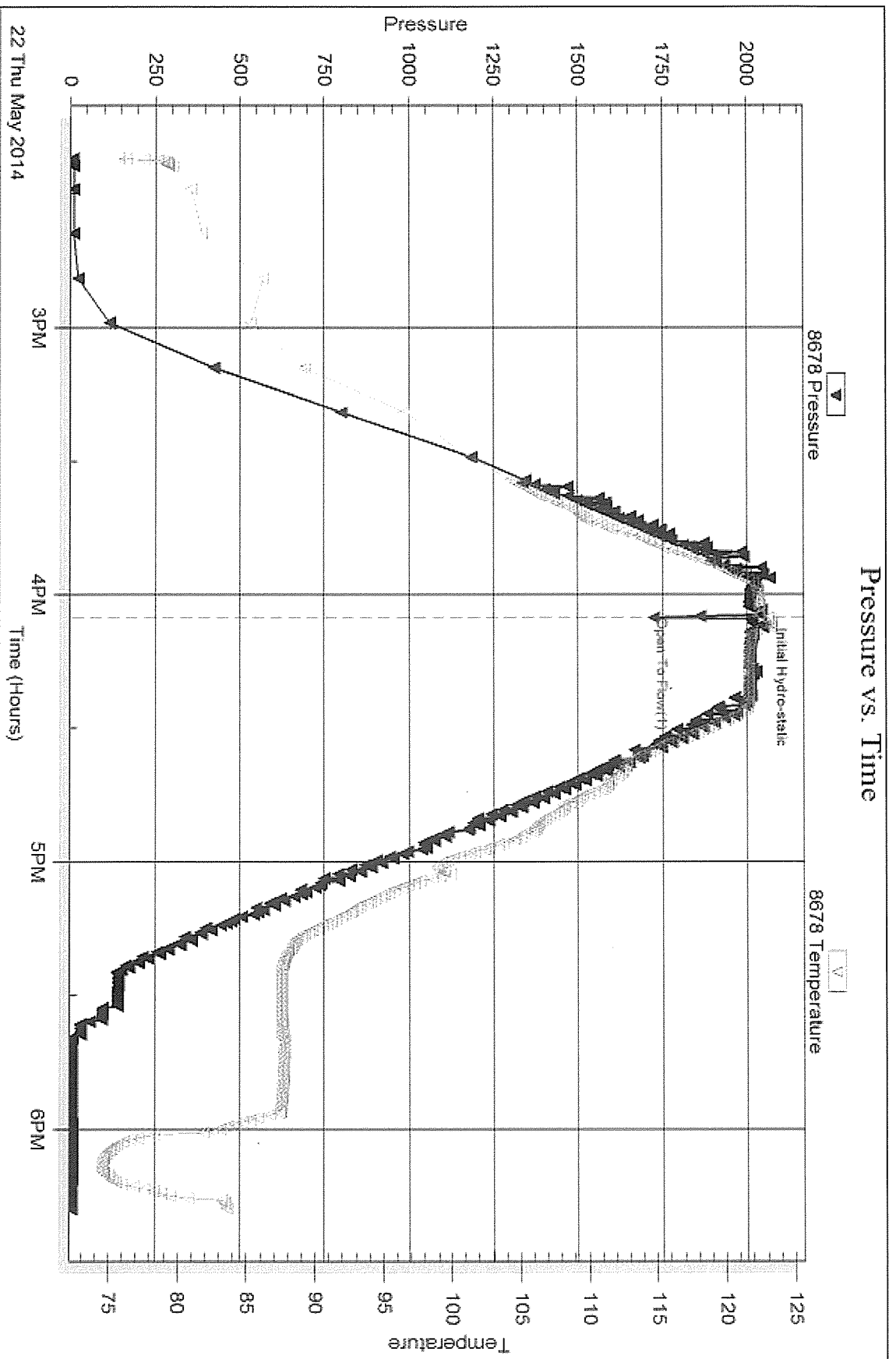
Serial #: 8678

Outside

Palomino Petroleum

17-15s-25w Trego, KS

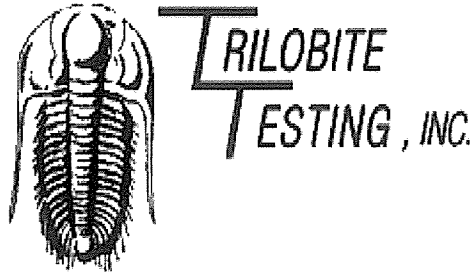
DST Test Number: 2



Tribble Testing, Inc

Ref. No: 54902

Printed: 2014.05.27 @ 11:35:24



DRILL STEM TEST REPORT

Prepared For: **Palomino Petroleum**

4924 SE 84th St.
Newton KS 67114

ATTN: Andrew Stenzel

17-15s-25w Trego,KS

Banner Road Hunt Club #1

Start Date: 2014.05.22 @ 23:25:00

End Date: 2014.05.23 @ 05:44:00

Job Ticket #: 54903 DST #: 3

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

Printed: 2014.05.27 @ 11:34:14

Palomino Petroleum

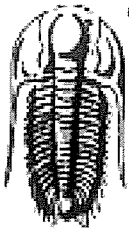
Banner Road Hunt Club #1

17-15s-25w Trego,KS

DST # 3

Lansing

2014.05.22



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Palomino Petroleum

4924 SE 84th St.
Newton KS 67114

ATTN: Andrew Stenzel

Banner Road Hunt Club #1

17-15s-25w Trego,KS

Job Ticket: 54903

DST#: 3

Test Start: 2014.05.22 @ 23:25:00

GENERAL INFORMATION:

Formation: **Lansing**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 01:32:15

Time Test Ended: 05:44:00

Test Type: Conventional Straddle (Reset)

Tester: Bradley Walter/ Just

Unit No: 69

Interval: **3835.00 ft (KB) To 3962.00 ft (KB) (TVD)**

Reference Elevations: 2368.00 ft (KB)

Total Depth: 4398.00 ft (KB) (TVD)

2363.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 5.00 ft

Serial #: 8678

Outside

Press@RunDepth: 175.78 psig @ 3836.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.05.22

End Date:

2014.05.23

Last Calib.: 2014.05.23

Start Time: 23:25:05

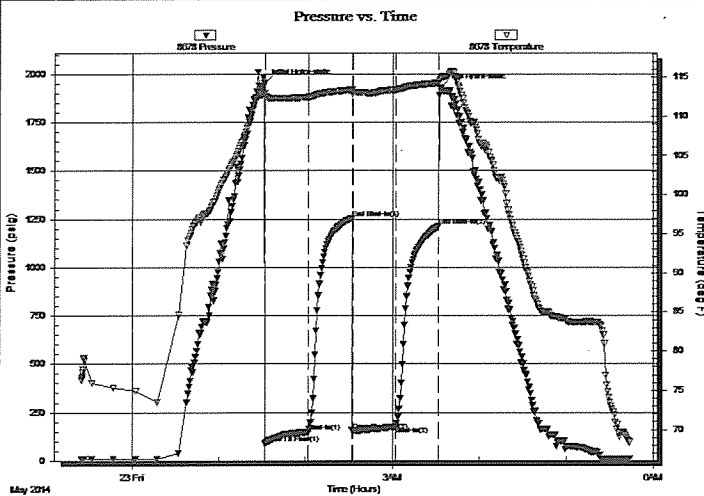
End Time:

05:43:59

Time On Btm: 2014.05.23 @ 01:31:45

Time Off Btm: 2014.05.23 @ 03:33:00

TEST COMMENT: 30: 7" blow.
30: No return.
30: 8 1/2" Blow.
30: No return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1955.04	112.91	Initial Hydro-static
1	90.28	112.47	Open To Flow (1)
31	148.08	112.46	Shut-In(1)
61	1254.29	113.35	End Shut-In(1)
62	153.02	113.05	Open To Flow (2)
91	175.78	113.35	Shut-In(2)
120	1211.89	114.22	End Shut-In(2)
122	1927.73	114.76	Final Hydro-static

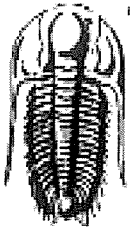
Recovery

Length (ft)	Description	Volume (bbl)
200.00	socm 3o 97m	1.69
0.00	100' GIP	0.00

* Recovery from multiple tests

Gas Rates

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



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

Palomino Petroleum

Banner Road Hunt Club #1

4924 SE 84th St.
Newton KS 67114

17-15s-25w Trego,KS

ATTN: Andrew Stenzel

Job Ticket: 54903

DST#: 3

Test Start: 2014.05.22 @ 23:25:00

GENERAL INFORMATION:

Formation: **Lansing**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 01:32:15

Time Test Ended: 05:44:00

Test Type: Conventional Straddle (Reset)

Tester: Bradley Walter/ Just

Unit No: 69

Interval: 3835.00 ft (KB) To 3962.00 ft (KB) (TVD)

Reference Elevations: 2368.00 ft (KB)

Total Depth: 4398.00 ft (KB) (TVD)

2363.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 5.00 ft

Serial #: 8677 Inside

Press@RunDepth: psig @ 3836.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.05.22 End Date: 2014.05.23

Last Calib.: 2014.05.23

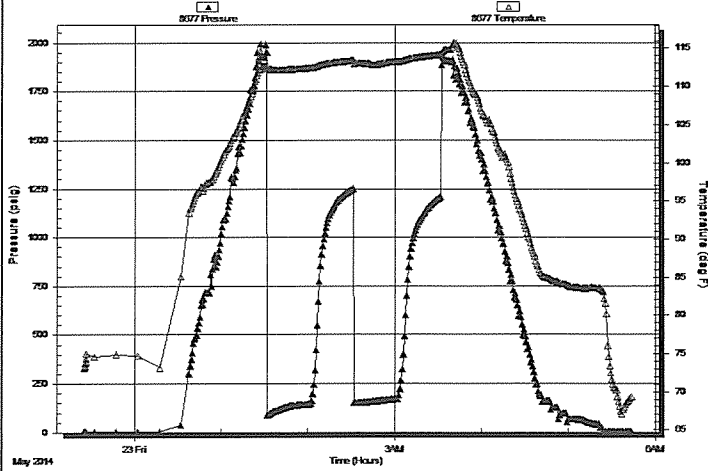
Start Time: 23:25:05 End Time: 05:43:59

Time On Btm:

Time Off Btm:

TEST COMMENT: 30: 7" blow.
30: No return.
30: 8 1/2" Blow.
30: No return.

Pressure vs. Time



PRESSURE SUMMARY

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

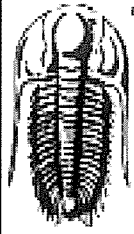
Recovery

Length (ft)	Description	Volume (bbl)
200.00	socm 3o 97m	1.69
0.00	100' GIP	0.00

* Recovery from multiple tests

Gas Rates

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



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Palomino Petroleum

4924 SE 84th St.
New ton KS 67114

ATTN: Andrew Stenzel

Banner Road Hunt Club #1

17-15s-25w Trego,KS

Job Ticket: 54903

DST#: 3

Test Start: 2014.05.22 @ 23:25:00

GENERAL INFORMATION:

Formation: **Lansing**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 01:32:15

Time Test Ended: 05:44:00

Test Type: Conventional Straddle (Reset)

Tester: Bradley Walter/ Just

Unit No: 69

Interval: 3835.00 ft (KB) To 3962.00 ft (KB) (TVD)

Reference Elevations: 2368.00 ft (KB)

Total Depth: 4398.00 ft (KB) (TVD)

2363.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 5.00 ft

Serial #: 8522 Below (Straddle)

Press@RunDepth: psig @ 3984.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.05.22

End Date:

2014.05.23

Last Calib.:

2014.05.23

Start Time: 23:25:05

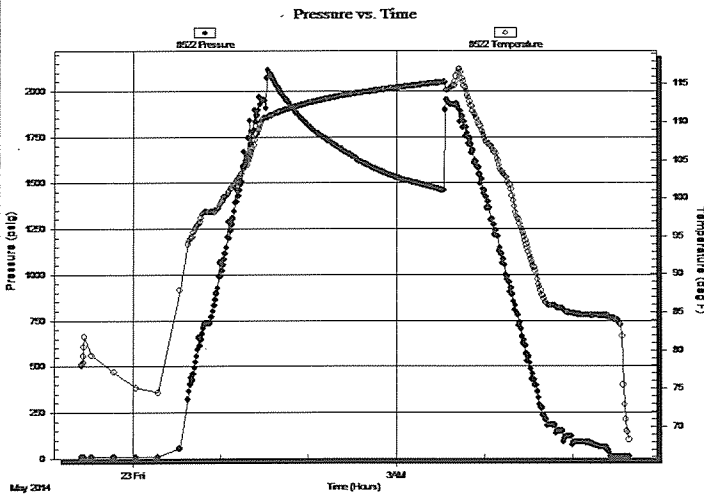
End Time:

05:38:29

Time On Btm:

Time Off Btm:

TEST COMMENT: 30: 7" blow .
30: No return.
30: 8 1/2" Blow .
30: No return.



PRESSURE SUMMARY

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

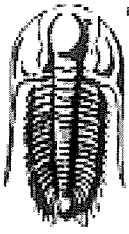
Recovery

Length (ft)	Description	Volume (bbl)
200.00	socm 3o 97m	1.69
0.00	100' GIP	0.00

* 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

Banner Road Hunt Club #1

4924 SE 84th St.
New ton KS 67114

17-15s-25w Trego,KS

Job Ticket: 54903

DST#: 3

ATTN: Andrew Stenzel

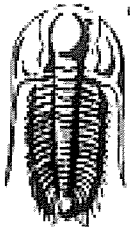
Test Start: 2014.05.22 @ 23:25:00

Tool Information

Drill Pipe:	Length: 3700.00 ft	Diameter: 3.80 inches	Volume: 51.90 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 30000.00 lb
Drill Collar:	Length: 123.00 ft	Diameter: 2.25 inches	Volume: 0.60 bbl	Weight to Pull Loose: 75000.00 lb
		Total Volume: 52.50 bbl		Tool Chased 0.00 ft
Drill Pipe Above KB:	15.00 ft			String Weight: Initial 62000.00 lb
Depth to Top Packer:	3835.00 ft			Final 62000.00 lb
Depth to Bottom Packer:	3959.00 ft			
Interval between Packers:	124.00 ft			
Tool Length:	590.00 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			3809.00	
Shut In Tool	5.00			3814.00	
Hydraulic tool	5.00			3819.00	
Jars	5.00			3824.00	
Safety Joint	2.00			3826.00	
Packer	5.00			3831.00	27.00 Bottom Of Top Packer
Packer	4.00			3835.00	
Stubb	1.00			3836.00	
Recorder	0.00	8677	Inside	3836.00	
Recorder	0.00	8678	Outside	3836.00	
Perforations	10.00			3846.00	
Change Over Sub	1.00			3847.00	
Drill Pipe	94.00			3941.00	
Change Over Sub	1.00			3942.00	
Perforations	16.00			3958.00	
Blank Off Sub	1.00			3959.00	124.00 Tool Interval
Packer	3.00			3962.00	
Stubb	1.00			3963.00	
Perforations	20.00			3983.00	
Change Over Sub	1.00			3984.00	
Recorder	0.00	8522	Below	3984.00	
Drill Pipe	410.00			4394.00	
Change Over Sub	1.00			4395.00	
Bullnose	3.00			4398.00	439.00 Bottom Packers & Anchor
Total Tool Length:	590.00				



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Palomino Petroleum

Banner Road Hunt Club #1

4924 SE 84th St.
New ton KS 67114

17-15s-25w Trego,KS

ATTN: Andrew Stenzel

Job Ticket: 54903

DST#: 3

Test Start: 2014.05.22 @ 23:25:00

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: 59.00 sec/qt

Cushion Volume: bbl

Water Loss: 7.59 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure: psig

Salinity: 2700.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
200.00	socm 3o 97m	1.685
0.00	100' GIP	0.000

Total Length: 200.00 ft Total Volume: 1.685 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

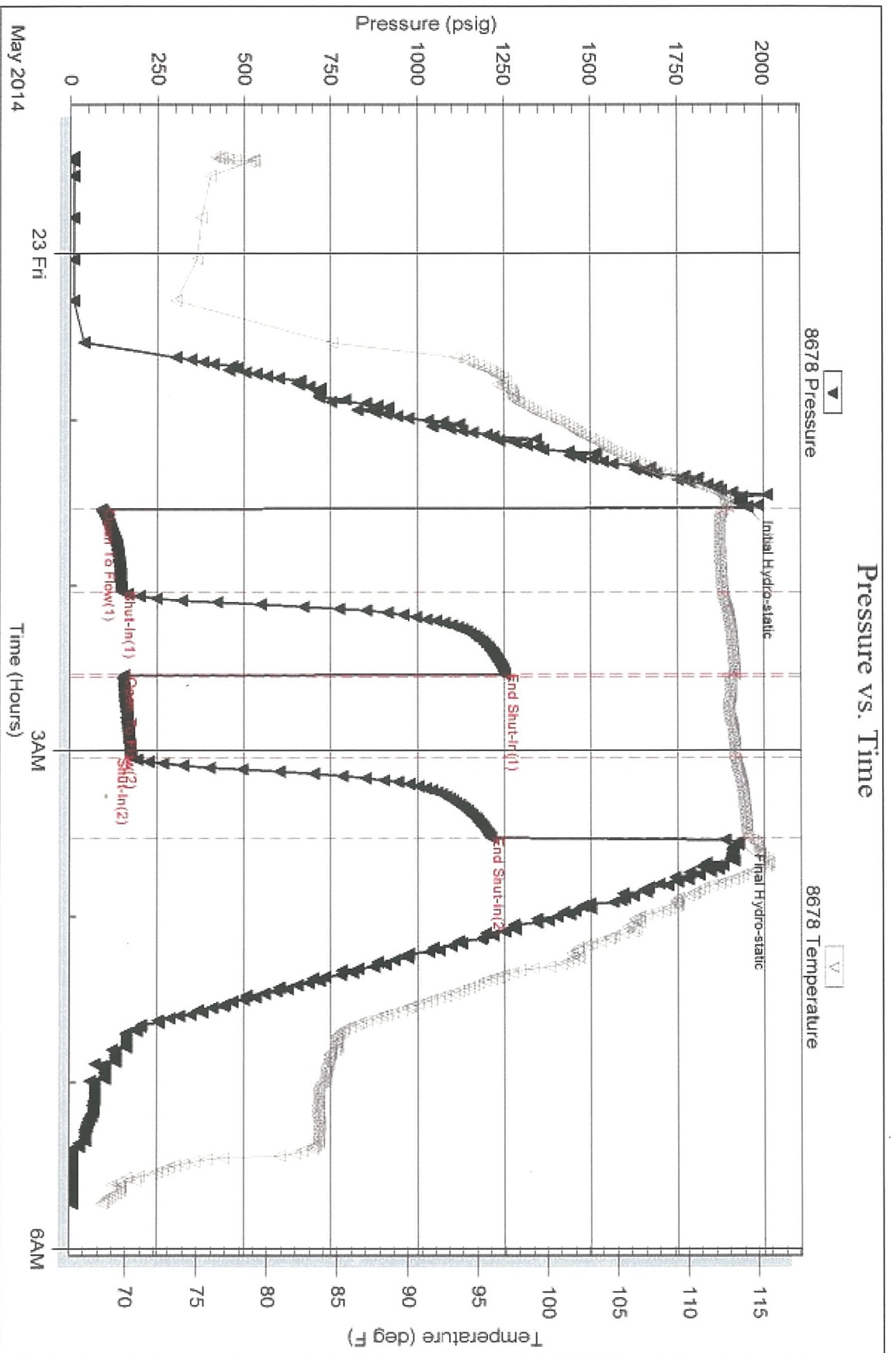
Serial #: 8678

Outside

Palominu Petroleum

17-15s-25w Trego,KS

DST Test Number: 3



Tribolite Testing, Inc

Ref. No: 54903

Printed: 2014.05.27 @ 11:34:16

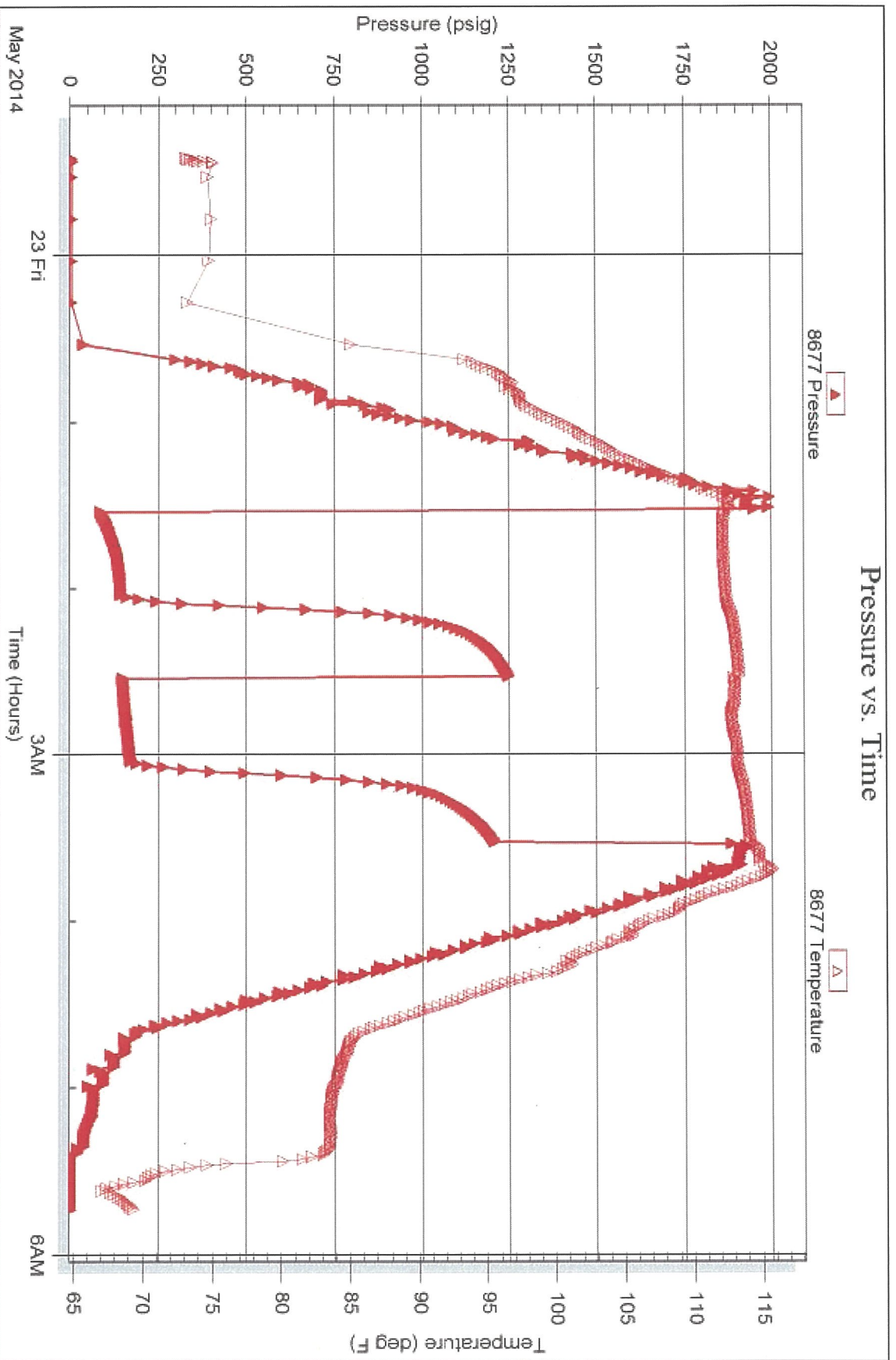
Serial #: 8677

Inside

Palomino Petroleum

17-15s-25w Trego,KS

DST Test Number: 3



Trioble Testing, Inc

Ref. No: 54903

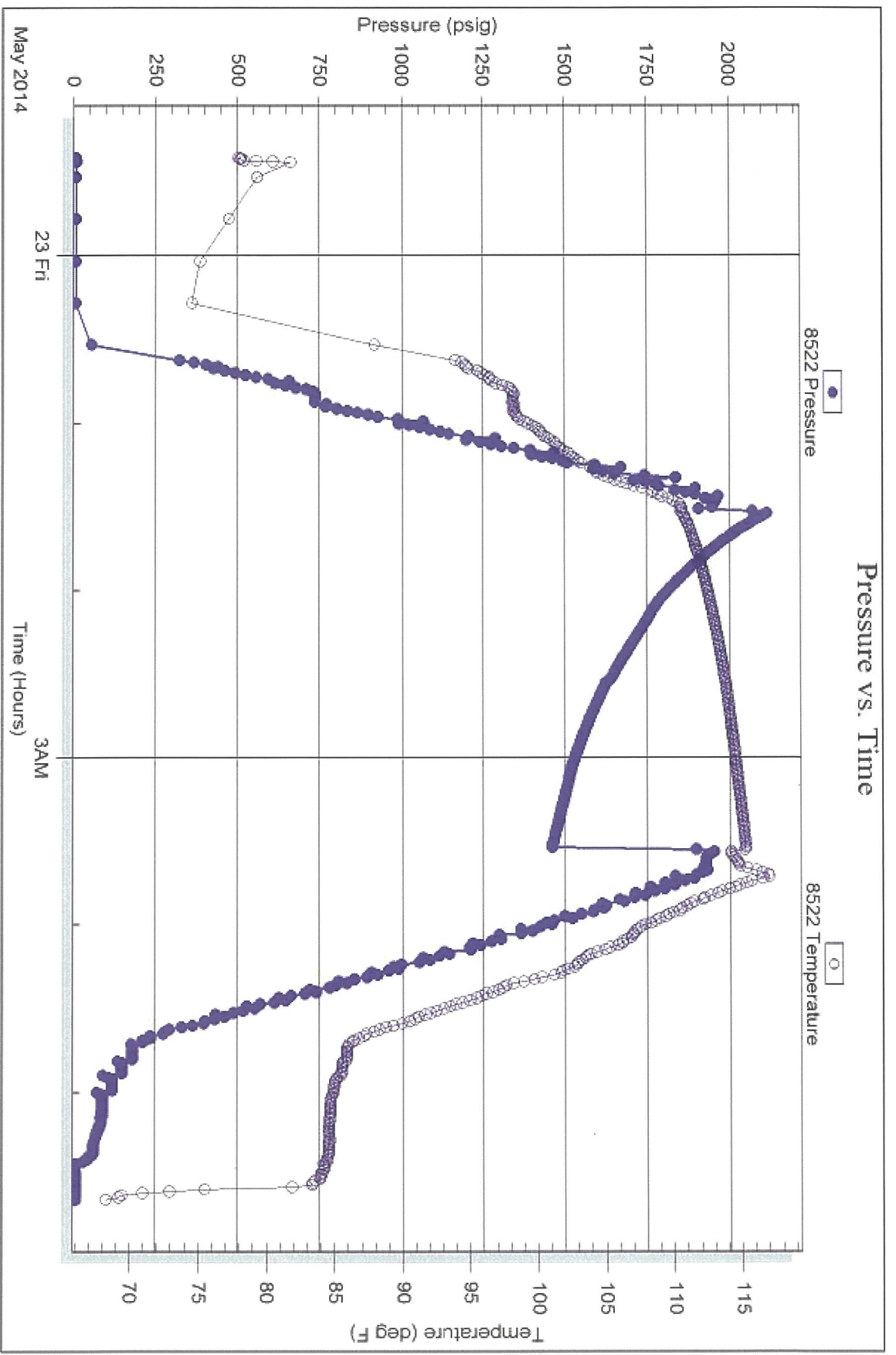
Printed: 2014.05.27 @ 11:34:16

Serial #: 8522

Below (Str-Rathbun) Petroleum

17-15s-25w Trego, KS

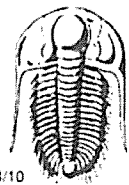
DST Test Number: 3



Tribble Testing, Inc

Ref. No: 54903

Printed: 2014.05.27 @ 11:34:16



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 57650

Well Name & No. Banner Road Hunt Club #1 Test No. 1 Date 5-22-14
 Company Palomino Petroleum Elevation 2368 KB 2363 GL
 Address 4924 SE 84th Newton Ks, 67114
 Co. Rep / Geo. Andrew Stenzel Rig WW #10
 Location: Sec. 17 Twp. 15 Rge. 25W Co. Trego State Ks

Interval Tested 4266 - 4310 Zone Tested Mississippian
 Anchor Length 44' Anchor 88' Tail Drill Pipe Run 4138 Mud Wt. 9.3
 Top Packer Depth 4266 Drill Collars Run 123 Vis 59
 Bottom Packer Depth 4266 4310 Straddle Wt. Pipe Run Ø WL 7.6
 Total Depth 4398 Chlorides 2,700 ppm System LCM Tr

Blow Description 30: 5' Blow
30: No return
60: 5 1/2 Blow
60: ~~surface~~ return, Died at 45 mins

Rec	Feet of	%gas	%oil	%water	%mud
<u>50</u>	<u>CO</u>	<u>100</u>			
<u>145</u>	<u>gmco</u>	<u>15</u>	<u>45</u>	<u>40</u>	
	<u>170' GIP</u>				

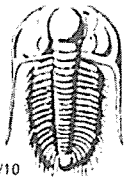
Rec Total 195 BHT 125 Gravity 39 API RW --- @ --- °F Chlorides --- ppm

(A) Initial Hydrostatic <u>2129</u>	<input checked="" type="checkbox"/> Test <u>1250</u>	T-On Location <u>6:30</u>
(B) First Initial Flow <u>29</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>7:02</u>
(C) First Final Flow <u>76</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>8:42</u>
(D) Initial Shut-In <u>990</u>	<input checked="" type="checkbox"/> Circ Sub	T-Pulled <u>11:42</u>
(E) Second Initial Flow <u>79</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>13:31</u>
(F) Second Final Flow <u>98</u>	<input checked="" type="checkbox"/> Mileage <u>122 RT 189.10</u>	Comments
(G) Final Shut-In <u>999</u>	<input type="checkbox"/> Sampler	
(H) Final Hydrostatic <u>2104</u>	<input checked="" type="checkbox"/> Straddle <u>600</u>	<input type="checkbox"/> Ruined Shale Packer
	<input type="checkbox"/> Shale Packer	<input checked="" type="checkbox"/> Ruined Packer <u>320</u>
	<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>2684.10</u>
	<input type="checkbox"/> Accessibility	MP/DST Disc't
	Sub Total <u>2364.10</u>	

Initial Open 30
 Initial Shut-In 80
 Final Flow 60
 Final Shut-In 60

Our Representative [Signature]

Approved By _____
 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. 54902

Well Name & No. Banner Road Hunt Club #1 Test No. 2 Date 5-22-14
 Company Palomino Petroleum Elevation 2368 KB 2363 GL
 Address 4924 SE 84th Newton Ks, 67114
 Co. Rep / Geo. Andrew Stenzel Rig WW #10
 Location: Sec. 17 Twp. 15 Rge. 25W Co. Trego State Ks

Interval Tested 3816 3962 Zone Tested H, I, J
 Anchor Length 146 Anchor 436 tail Drill Pipe Run 4 Mud Wt. 9.3
 Top Packer Depth 3811 Drill Collars Run 123 Vis 59
 Bottom Packer Depth 3816 Wt. Pipe Run Ø WL 7.6
 Total Depth 4398 Chlorides 2700 ppm System LCM Tr
 Blow Description _____

MISS Run

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

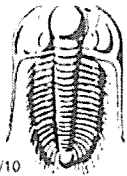
Rec Total _____ BHT _____ Gravity _____ API RW _____ @ _____ F Chlorides _____ ppm

(A) Initial Hydrostatic _____ Test 1050 T-On Location 1331
 (B) First Initial Flow _____ Jars 250 T-Started 1422
 (C) First Final Flow _____ Safety Joint 75 T-Open 1620
 (D) Initial Shut-In _____ Circ Sub _____ T-Pulled 1630
 (E) Second Initial Flow _____ Hourly Standby _____ T-Out 18:17
 (F) Second Final Flow _____ Mileage 122 RT Comments _____
 (G) Final Shut-In _____ Sampler _____
 (H) Final Hydrostatic _____ Straddle 600 Ruined Shale Packer _____
 Shale Packer _____ Ruined Packer _____
 Extra Packer _____ Extra Copies _____
 Extra Recorder _____ Sub Total 0
 Day Standby _____ Total 1975
 Accessibility _____ MP/DST Disc't _____
 Sub Total 1975

Initial Open MISS
 Initial Shut-In UN
 Final Flow _____
 Final Shut-In _____

Our Representative [Signature]

Approved By _____
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TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 54903

Well Name & No. Banner Road Hunt Club #1 Test No. 3 Date 5/23/14
 Company Palomino Petroleum Elevation 2368 KB 2363 GL
 Address 4924 SE 24th Newton, Ks 67114
 Co. Rep / Geo. Andrew Stenzel Rig WW #10
 Location: Sec. 17 Twp. 15S Rge. 25W Co. Trego State Ks

Interval Tested 3835 - 3902 Zone Tested Lansing
 Anchor Length 127 436 Tail Drill Pipe Run 3700 Mud Wt. 9.3
 Top Packer Depth 3830 Drill Collars Run 123 Vis 59
 Bottom Packer Depth 3835 3902 straddle Wt. Pipe Run 0 WL 7.6
 Total Depth 4398 Chlorides 2700 ppm System LCM Tr
 Blow Description IF 30: 7" Blow
30: No return
30: 8 1/2" Blow
30: NO return

Rec	Feet of	%gas	%oil	%water	%mud
<u>200</u>	<u>50cm</u>		<u>3</u>	<u>97</u>	
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of <u>100' GIP</u>	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 200 BHT 114 Gravity - API RW - @ - ° F Chlorides - ppm

(A) Initial Hydrostatic 1955 Test 1250 T-On Location 21:00 5/22
 (B) First Initial Flow 90 Jars 250 T-Started 23:25
 (C) First Final Flow 148 Safety Joint 75 T-Open 01:32 5/23
 (D) Initial Shut-In 1254 Circ Sub N/C T-Pulled 3:32
 (E) Second Initial Flow 153 Hourly Standby _____ T-Out 05:44
 (F) Second Final Flow 176 Mileage 122 RT 189.10 Comments _____
 (G) Final Shut-In 1212 Sampler _____
 (H) Final Hydrostatic 1928 Straddle 600 Ruined Shale Packer _____
 Shale Packer 250 Ruined Packer _____
 Extra Packer _____ Extra Copies _____
 Initial Open 30 Extra Recorder _____ Sub Total 0
 Initial Shut-In 30 Day Standby _____ Total 2614.10
 Final Flow 30 Accessibility _____ MP/DST Disc't _____
 Final Shut-In 30 Sub Total 2614.10

Approved By _____ Our Representative [Signature]
 Trilobite Testing Inc. shall not be liable for damaged or 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.