



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1267187
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: _____



1267187

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: <input type="checkbox"/> Yes <input type="checkbox"/> No
----------------	-------	---------	------------	---

Date of First, Resumed Production, SWD or ENHR.	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____
---	--

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
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DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
---	--	--

Form	ACO1 - Well Completion
Operator	Palomino Petroleum, Inc.
Well Name	Easton 1
Doc ID	1267187

All Electric Logs Run

Dual Induction
Dual Receiver Cement Bond
Compensated Density Neutron
Micro Resistivity

Form	ACO1 - Well Completion
Operator	Palomino Petroleum, Inc.
Well Name	Easton 1
Doc ID	1267187

Tops

Name	Top	Datum
Anhy.	2208	(+854)
Base Anhy.	2222	(+840)
Heebner	3924	(-862)
Lansing	3936	(-904)
Stark Sh.	4308	(-1246)
BKC	4443	(-1381)
Marmaton	4470	(-1408)
Pawnee	4555	(-1493)
Ft. Scott	4583	(-1521)
Cherokee Sh.	4596	(-1534)
Morrow Sh.	4786	(-1724)
Miss.	4859	(-1797)
LTD	4977	(-1915)



CONSOLIDATED
Oil Well Services, LLC

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

RECEIVED

SEP 12 2015

MAIN OFFICE

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

Invoice

Invoice#

805636

Invoice Date: 09/08/15

Terms: Net 30

Page 1

PALOMINO PETROLEUM, INC.

4924 SE 84TH STREET
NEWTON KS 67114-8827
USA

EASTON #1

Part No	Description	Quantity	Unit Price	Discount(%)	Total
CE0450	Cement Pump Charge 0 - 1500'	1.000	1,500.0000	30.000	1,050.00
CE0002	Equipment Mileage Charge - Heavy Equipment	60.000	7.1500	30.000	300.30
CE0710	Cement Delivery Charge	1.000	813.7500	30.000	569.63
CC5871	Surface Blend II, 2% Gel/3% CaCl	165.000	23.0000	30.000	2,656.50
Subtotal					6,537.75
Discounted Amount					1,961.33
SubTotal After Discount					4,576.42

Amount Due 6,860.33 If paid after 10/08/15

Tax: 225.80

Total: 4,802.23

BARTLESVILLE, OK
918/338-0808

EL DORADO, KS
316/322-7022

EUREKA, KS
620/583-7554

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



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



RECEIVED
SEP 21 2015

Invoice

DATE	INVOICE #
9/16/2015	29027

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	Easton	Scott	WW Drilling #10	Oil	Development	Cement 5-1/2" L...	David K.

PRICE REF.	DESCRIPTION	QTY	UM	UNIT PRICE	AMOUNT
575D	Mileage - 1 Way	80	Miles	5.00	400.00
578D-L	Pump Charge - Long String	1	Job	1,250.00	1,250.00
403-5	5 1/2" Cement Basket	1	Each	250.00	250.00T
404-5	5 1/2" Port Collar	1	Each	2,500.00	2,500.00T
406-5	5 1/2" Latch Down Plug & Baffle	1	Each	225.00	225.00T
407-5	5 1/2" Insert Float Shoe With Auto Fill	1	Each	300.00	300.00T
409-5	5 1/2" Turbolizer	12	Each	75.00	900.00T
419-5	5 1/2" Rotating Head Rental	1	Each	200.00	200.00T
325	Standard Cement	100	Sacks	12.25	1,225.00T
284	Calseal	5	Sack(s)	30.00	150.00T
283	Salt	500	Lb(s)	0.20	100.00T
285	CFR-1	50	Lb(s)	4.50	225.00T
276	Flocele	50	Lb(s)	2.25	112.50T
330	Swift Multi-Density Standard (MIDCON II)	125	Sacks	15.75	1,968.75T
290	D-Air	3	Gallon(s)	42.00	126.00T
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	1.50	337.50
583D	Drayage	916.2	Ton Miles	0.75	687.15
	Subtotal				11,681.90
	Sales Tax Scott County			8.50%	765.62

We Appreciate Your Business!	Total	\$12,447.52
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CHARGE TO: **Palomino Petroleum**
 ADDRESS:
 CITY, STATE, ZIP CODE

TICKET 29027

PAGE 1 OF 2

1. SERVICE LOCATIONS: **Less City, KS** WELL/PROJECT NO. **#1** LEASE **Easton** COUNTY/PARISH **Scott** STATE **KS** CITY **Scott City** DATE **9-16-15** OWNER **Same**

2. TICKET TYPE: SERVICE SALES CONTRACTOR **W & W Drilling** RIG NAME/NO. **#10** SHIPPED VMT **Location** DELIVERED TO **Location** ORDER NO.

3. WELL TYPE **O-1** WELL CATEGORY **Development** JOB PURPOSE **Cement 5 1/2" Longstring** WELL PERMIT NO. WELL LOCATION **966 Coline, 966 2nd Wink**

4. REFERRAL LOCATION INVOICE INSTRUCTIONS

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	MILEAGE	QTY.	U/M	QTY.	U/M	UNIT PRICE	AMOUNT
		LOC	ACCT	DF								
575					Trk # 112			80	in'		5.00	4000.00
578					Pump Change - Longstring		1	job			1250.00	1250.00
403					Cement Basket		5 1/2	in	1	ea	250.00	250.00
404					Port Collar		5 1/2	in	1	ea	2500.00	2500.00
406					Leak Down Plug + Baffle		5 1/2	in	1	ea	225.00	225.00
407					Insert float shoe w/ Auto Fill		5 1/2	in	1	ea	300.00	300.00
409					Turbolizer		5 1/2	in	12	ea	75.00	900.00
419					Rotating Head Rental		5 1/2	in	1	ea	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 **9-16-15** TIME SIGNED **1030** **STAM**

X **Blom Clark**

SWIFT OPERATOR **David Kuchy** APPROVAL

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

SURVEY		AGREE	UN-DECIDED	DIS-AGREE	PAGE TOTAL #1	AMOUNT
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?					6025	00
WE UNDERSTOOD AND MET YOUR NEEDS?					5656	90
OUR SERVICE WAS PERFORMED WITHOUT DELAY?					11,681	90
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?					765	62
ARE YOU SATISFIED WITH OUR SERVICE?	<input type="checkbox"/> YES	<input type="checkbox"/> NO			12,447	52
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND					TOTAL	

Thank You!

JOB LOG

SWIFT Services, Inc.

DATE 4-16-75 PAGE NO.

CUSTOMER		WELL NO. #		LEASE		JOB TYPE		TICKET NO.	
Palomina Petroleum		# 1		Easton		Cement 5 1/2" Longstring		29027	
CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS	
				T	C	TUBING	CASING		
	0945								on location 5 1/2" 14"
									RTD- 4975' LTD- 4977'
									TP- 4977' Set-
									SJ- 43.10 P.C. - ↑ *78 2190'
									Turbos- "1"3"5"7"9"11"12"13"14"16"18"27"
									Bucket- "78 out- "80"123"134"
	1215								Start 5 1/2" 14" casing in well
	1435								Drop Ball Circulate * Rotate *
	1535	6 1/2	12		✓	250			Pump 500 gal Mud Flush
		6 1/2	20		✓	250			Pump 20 bbl HCL Flush
			11						Plug RH (30 sks)
	1545	4 1/2	35		✓	200			mix 95 sks SMD w/ 1/4" flo @ 12.7 ppg
		4 1/2	24		✓	200			mix 100 sks EA-2 w/ 1/4" flo @ 15.5 ppg
									Wash out Pump + Lines
									Release latch Down Plug
	1608	6 1/2	0		✓	150			Start Displacement
		6 1/2	89		✓	350			lift Pressure
		6 1/2	119		✓	1000			Max lift Pressure
	1627	6 1/2	120.4		✓	1700			Land latch Down Plug
									Release Pressure * Hold *
									wash up Truck
	1700								Job Complete

Thank You
Dave, John Isaac



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



RECEIVED

SEP 30 2015 Invoice

DATE	INVOICE #
9/24/2015	28853

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	Easton	Scott	Express Well Serv...	Oil	Development	Cement Port Collar	Blaine
PRICE REF.	DESCRIPTION				QTY	UM	UNIT PRICE	AMOUNT
575D	Mileage - 1 Way				75	Miles	5.00	375.00
576D-D	Pump Charge - Port Collar				1	Job	1,250.00	1,250.00
330	Swift Multi-Density Standard (MIDCON II)				185	Sacks	15.75	2,913.75T
276	Flocele				50	Lb(s)	2.25	112.50T
290	D-Air				2	Gallon(s)	42.00	84.00T
104	5 1/2" Port Collar Tool Rental				1	Each	200.00	200.00T
581D	Service Charge Cement				250	Sacks	1.50	375.00
583D	Drayage				932.9	Ton Miles	0.75	699.68
	Subtotal							6,009.93
	Sales Tax Scott County						8.50%	281.37
We Appreciate Your Business!							Total	\$6,291.30



Services, Inc.

TICKET 28853

CHARGE TO: Williams Petroleum
 ADDRESS: _____
 CITY, STATE, ZIP CODE: _____

PAGE 1 OF 1

SERVICE LOCATIONS: Wm City, KS WELL/PROJECT NO. 1 LEASE Easton COUNTY/PARISH Scott STATE KS CITY Shallow Water DATE 24 Sept 15 OWNER _____
 TICKET TYPE SERVICE SALES CONTRACTOR _____ RIG NAME/NO. _____ ORDER NO. _____
 WELL TYPE _____ WELL CATEGORY explor JOB PURPOSE Development cement port collar DELIVERED TO location WELL PERMIT NO. _____
 REFERRAL LOCATION _____ INVOICE INSTRUCTIONS _____ WELL LOCATION _____

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.	UM	QTY.	UM	UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
575		1			MILEAGE	75	mi			580	375.00
576D		1			Pump Charge	1	ea			1250.00	1250.00
330		1			SWD cement	185	sk			1575	2913.75
276		1			fluoide	50	lb			225	112.50
29D		1			D-air	2	gal			4200	84.00
104		1			port collar opening tool rental	5	1/4"	1	ea	200.00	200.00
581		1			service charge	250	sk			1.50	375.00
583		1			Drugging	24877	lb	9329	TM	0.75	6996.8

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: Alan Winkler TIME SIGNED: _____
 DATE SIGNED: _____ TIME SIGNED: _____
 A.M. P.M.
 REMIT PAYMENT TO:
 SWIFT SERVICES, INC.
 P.O. BOX 466
 NESS CITY, KS 67560
 785-798-2300

SURVEY
 OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?
 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: 600993
 TAX: 5.04
 TOTAL: 6291.37

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES: The customer hereby acknowledges receipt of the materials and services listed on this ticket.
 SWIFT OPERATOR: ASB APPROVAL: _____
 Thank You!

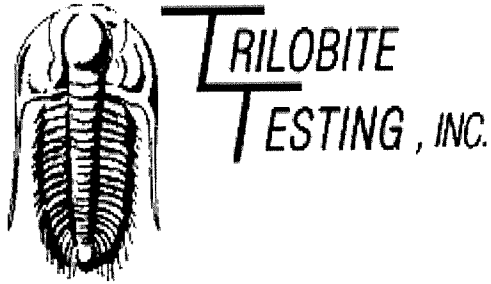
JOB LOG

SWIFT Services, Inc.

DATE 24 Sep 15 PAGE NO.

CUSTOMER *Talavera Petroleum* WELL NO. *41* LEASE *Easton* JOB TYPE *cement port collar* TICKET NO. *28853*

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
								<i>250 sk SMD cement w/ 1/2" flocculate</i> <i>23x5 1/2 port collar @ 2190'</i>
	<i>0830</i>							<i>on loc TRK 110</i>
	<i>0835</i>					<i>1000</i>	<i>1000</i>	<i>test to 1000 psi - hold</i> <i>open port collar</i>
	<i>0841</i>	<i>3</i>	<i>3</i>			<i>350</i>		<i>Inj rate - 3bpm @ 350 psi</i>
	<i>0846</i>	<i>3</i>				<i>350</i>		<i>Mix SMD cement @ 11.2ppg</i>
		<i>3 1/4</i>	<i>12</i>			<i>400</i>		<i>- fluid to surface -</i>
		<i>3 1/4</i>	<i>100</i>			<i>450</i>		<i>→ cement to surface ←</i>
								<i>{ 185 sk } <i>20 sk topit }</i></i>
	<i>0917</i>	<i>3 1/4</i>	<i>11</i>			<i>450</i>		<i>Displace w/ H₂O</i>
								<i>close port collar</i>
						<i>1000</i>	<i>1000</i>	<i>test to 1000 psi - hold</i>
								<i>Run 5 joints</i>
	<i>0940</i>		<i>25</i>					<i>Reverse hole clean</i> <i>- 2 cement flags -</i>
	<i>0955</i>							<i>wash truck</i>
								<i>Rack up</i>
	<i>10 20</i>							<i>job complete</i>
								<i>Trunks Blaine, Flint & Easton</i>



DRILL STEM TEST REPORT

Prepared For: **Palomino Petroleum Inc.**

4924 SE 84th St
Newton KS 67114

ATTN: Andrew Stenzel

Easton #1

28-20-34w Scott,KS

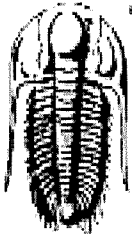
Start Date: 2015.09.11 @ 00:52:15

End Date: 2015.09.11 @ 04:08:30

Job Ticket #: 64468 DST #: 1

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

Printed: 2015.09.16 @ 10:10:37



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Palomino Petroleum Inc.

28-20-34w Scott,KS

4924 SE 84th St
New ton KS 67114

Easton #1

Job Ticket: 64468

DST#: 1

ATTN: Andrew Stenzel

Test Start: 2015.09.11 @ 00:52:15

GENERAL INFORMATION:

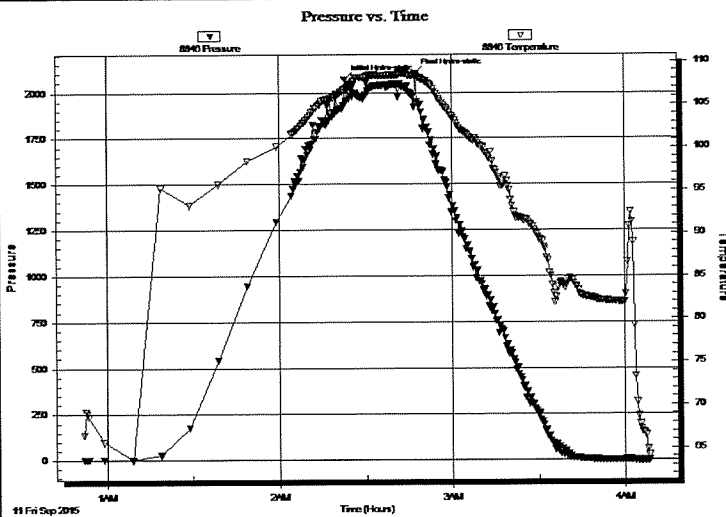
Formation: I
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened:
 Time Test Ended: 04:08:30
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Mike Roberts
 Unit No: 65
 Interval: **4204.00 ft (KB) To 4265.00 ft (KB) (TVD)**
 Reference Elevations: 3012.00 ft (KB)
 Total Depth: 4265.00 ft (KB) (TVD) 3007.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 5.00 ft

Serial #: 8846

Inside

Press@RunDepth: psig @ 4206.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2015.09.11 End Date: 2015.09.11 Last Calib.: 2015.09.12
 Start Time: 00:52:15 End Time: 04:08:30 Time On Btm: 2015.09.11 @ 02:22:45
 Time Off Btm: 2015.09.11 @ 02:47:15

TEST COMMENT: IF:
 IS: LOST CIRC.
 FF:
 FS:



PRESSURE SUMMARY

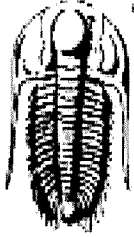
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2068.69	106.83	Initial Hydro-static
25	2102.08	108.25	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00		0.00

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Palomino Petroleum Inc.

28-20-34w Scott,KS

4924 SE 84th St
New ton KS 67114

Easton #1

Job Ticket: 64468

DST#: 1

ATTN: Andrew Stenzel

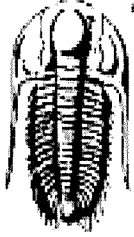
Test Start: 2015.09.11 @ 00:52:15

Tool Information

Drill Pipe:	Length: 4074.00 ft	Diameter: 3.80 inches	Volume: 57.15 bbl	Tool Weight: 1500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 120.00 ft	Diameter: 2.25 inches	Volume: 0.59 bbl	Weight to Pull Loose: 70000.00 lb
			<u>Total Volume: 57.74 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	18.00 ft			String Weight: Initial 50000.00 lb
Depth to Top Packer:	4204.00 ft			Final 50000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	61.00 ft			
Tool Length:	89.00 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			4177.00	
Shut In Tool	5.00			4182.00	
Hydraulic tool	5.00			4187.00	
Jars	5.00			4192.00	
Safety Joint	3.00			4195.00	
Packer	5.00			4200.00	28.00 Bottom Of Top Packer
Packer	4.00			4204.00	
Stubb	1.00			4205.00	
Perforations	1.00			4206.00	
Recorder	0.00	8846	Inside	4206.00	
Recorder	0.00	8737	Outside	4206.00	
Change Over Sub	1.00			4207.00	
Drill Pipe	32.00			4239.00	
Change Over Sub	1.00			4240.00	
Perforations	20.00			4260.00	
Bullnose	5.00			4265.00	61.00 Bottom Packers & Anchor
Total Tool Length:	89.00				



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Palomino Petroleum Inc.

28-20-34w Scott,KS

4924 SE 84th St
New ton KS 67114

Easton #1

Job Ticket: 64468

DST#: 1

ATTN: Andrew Stenzel

Test Start: 2015.09.11 @ 00:52:15

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 56.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.15 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 4000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00		0.000

Total Length: ft

Total Volume: bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: LOST CIRCULATION at opening of tool

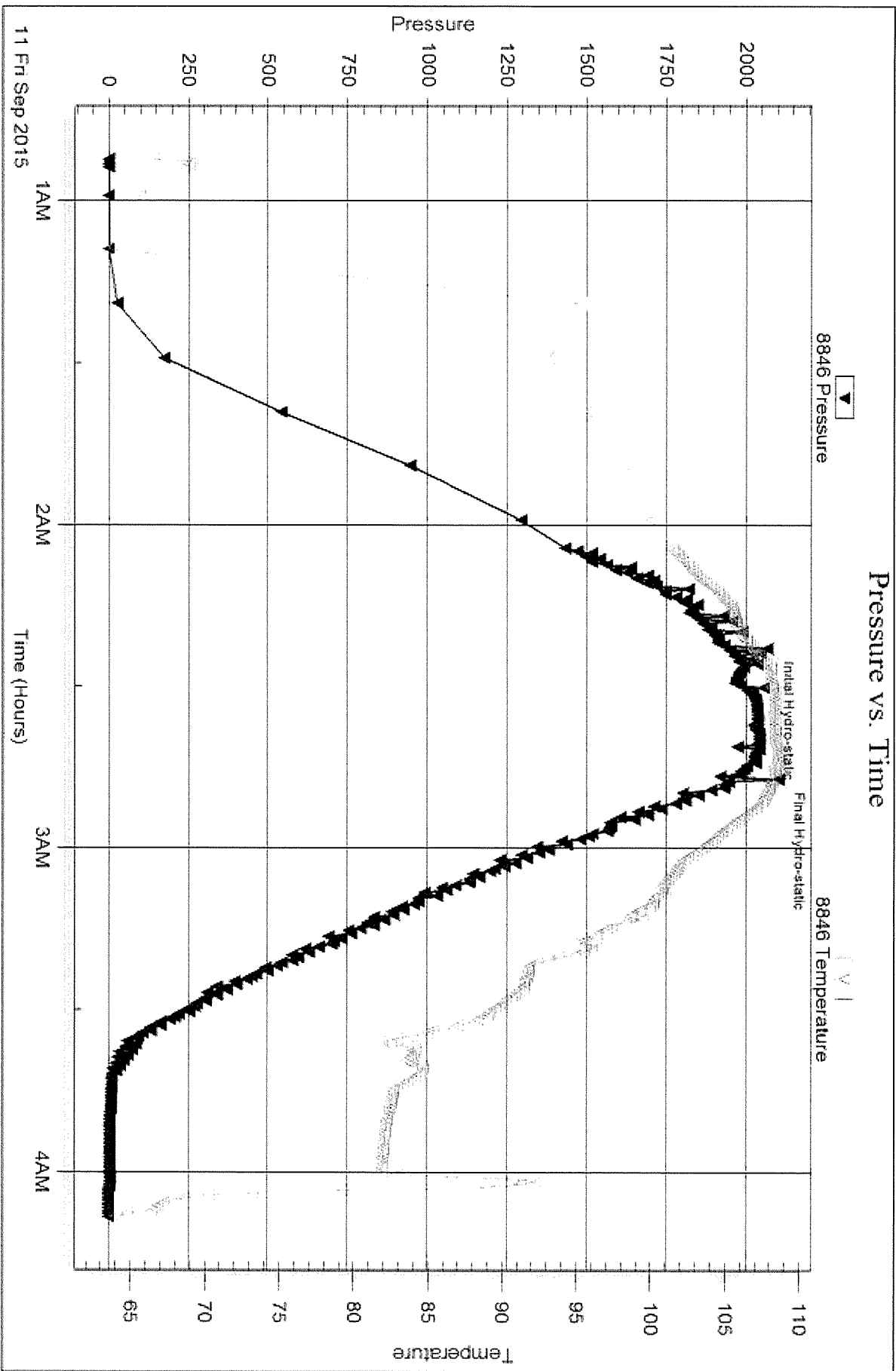
Serial #: 8846

Inside

Palomino Petroleum Inc.

Easton #1

DST Test Number: 1

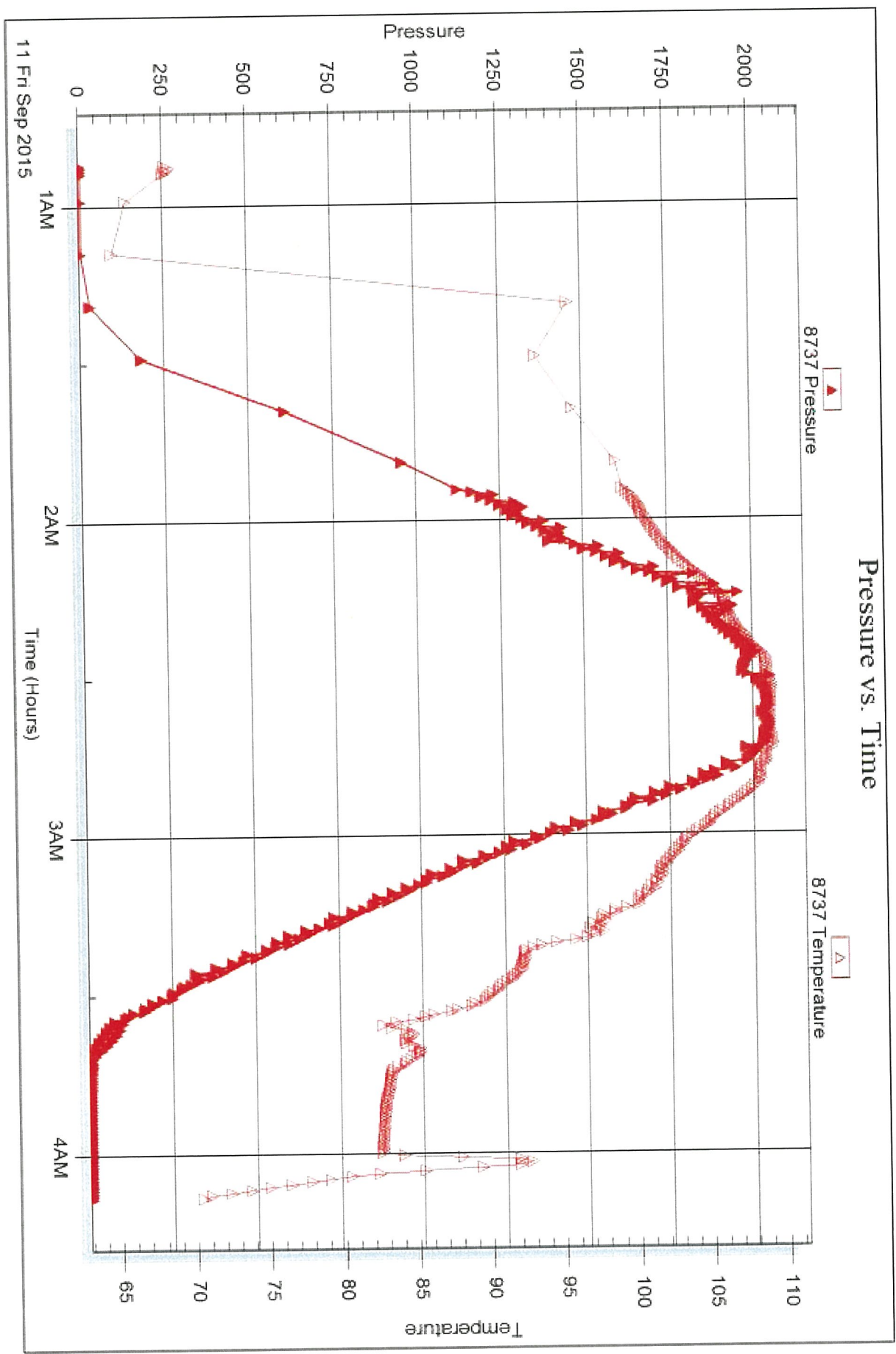


Serial #: 8737

Outside Palomino Petroleum Inc.

Easton #1

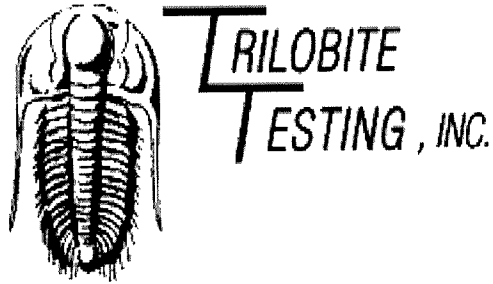
DST Test Number: 1



Tribble Testing, Inc

Ref. No: 64468

Printed 2015.09.16 @ 10:10:39



DRILL STEM TEST REPORT

Prepared For: **Palomino Petroleum Inc.**

4924 SE 84th St
Newton KS 67114

ATTN: Andrew Stenzel

Easton #1

28-20-34w Scott,KS

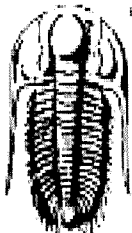
Start Date: 2015.09.12 @ 10:25:15

End Date: 2015.09.12 @ 15:42:30

Job Ticket #: 64469 DST #: 2

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

Printed: 2015.09.16 @ 10:10:11



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

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

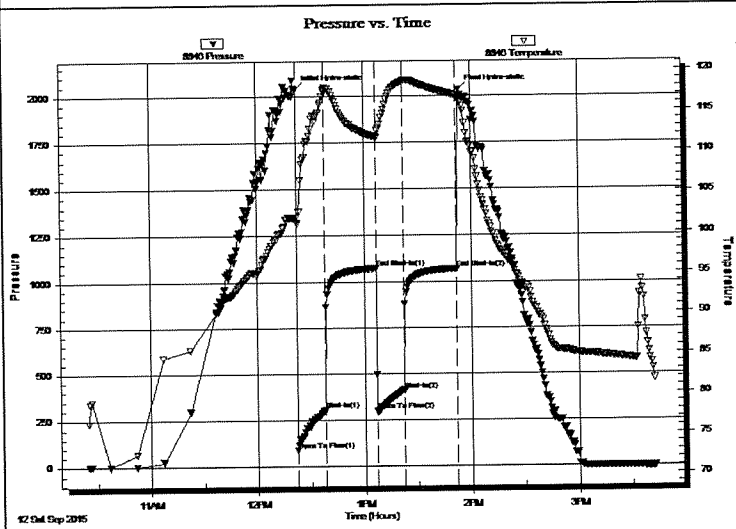
28-20-34w Scott,KS
Easton #1
Job Ticket: 64469 **DST#: 2**
Test Start: 2015.09.12 @ 10:25:15

GENERAL INFORMATION:

Formation: I
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 12:22:15
Time Test Ended: 15:42:30
Interval: **4204.00 ft (KB) To 4265.00 ft (KB) (TVD)**
Total Depth: 4265.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair
Test Type: Conventional Bottom Hole (Reset)
Tester: Mike Roberts
Unit No: 65
Reference Elevations: 3012.00 ft (KB)
3007.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 8846 **Inside**
Press@RunDepth: 408.08 psig @ 4206.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2015.09.12 End Date: 2015.09.12 Last Calib.: 2015.09.12
Start Time: 10:25:15 End Time: 15:42:30 Time On Btm: 2015.09.12 @ 12:22:00
Time Off Btm: 2015.09.12 @ 13:53:30

TEST COMMENT: IF:BOB in 4 min.
IS:No return blow
FF:BOB in 4 min.
FS:No return blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2038.84	101.82	Initial Hydro-static
1	89.31	101.22	Open To Flow (1)
16	305.23	117.53	Shut-In(1)
45	1073.56	111.75	End Shut-In(1)
46	298.81	111.61	Open To Flow (2)
61	408.08	118.56	Shut-In(2)
90	1070.33	116.80	End Shut-In(2)
92	2033.16	116.09	Final Hydro-static

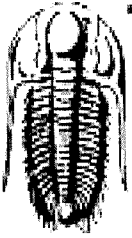
Recovery

Length (ft)	Description	Volume (bbl)
120.00	mcw 20%m 80%w	0.59
186.00	w cm 5%w 95m	2.61
407.00	mud 100%m	5.71

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Palomino Petroleum Inc.

28-20-34w Scott,KS

4924 SE 84th St
New ton KS 67114

Easton #1

Job Ticket: 64469

DST#: 2

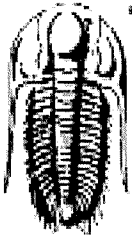
ATTN: Andrew Stenzel

Test Start: 2015.09.12 @ 10:25:15

Tool Information

Drill Pipe:	Length: 4074.00 ft	Diameter: 3.80 inches	Volume: 57.15 bbl	Tool Weight: 1500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 120.00 ft	Diameter: 2.25 inches	Volume: 0.59 bbl	Weight to Pull Loose: 70000.00 lb
			<u>Total Volume: 57.74 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	18.00 ft			String Weight: Initial 50000.00 lb
Depth to Top Packer:	4204.00 ft			Final 52000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	61.00 ft			
Tool Length:	89.00 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			4177.00	
Shut In Tool	5.00			4182.00	
Hydraulic tool	5.00			4187.00	
Jars	5.00			4192.00	
Safety Joint	3.00			4195.00	
Packer	5.00			4200.00	28.00 Bottom Of Top Packer
Packer	4.00			4204.00	
Stubb	1.00			4205.00	
Perforations	1.00			4206.00	
Recorder	0.00	8846	Inside	4206.00	
Recorder	0.00	8737	Outside	4206.00	
Change Over Sub	1.00			4207.00	
Drill Pipe	32.00			4239.00	
Change Over Sub	1.00			4240.00	
Perforations	20.00			4260.00	
Bullnose	5.00			4265.00	61.00 Bottom Packers & Anchor
Total Tool Length:	89.00				



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Palomino Petroleum Inc.

28-20-34w Scott,KS

4924 SE 84th St
New ton KS 67114

Easton #1

Job Ticket: 64469

DST#: 2

ATTN: Andrew Stenzel

Test Start: 2015.09.12 @ 10:25:15

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API: 0 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity: 14000 ppm
Viscosity: 56.00 sec/qt	Cushion Volume: bbl	
Water Loss: 7.15 in ³	Gas Cushion Type:	
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig	
Salinity: 4000.00 ppm		
Filter Cake: 1.00 inches		

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
120.00	mcw 20%m 80%w	0.590
186.00	w cm 5%w 95m	2.609
407.00	mud 100%m	5.709

Total Length: 713.00 ft Total Volume: 8.908 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments: RW= .37@95.1= 14,000 ppm

Serial #: 8846

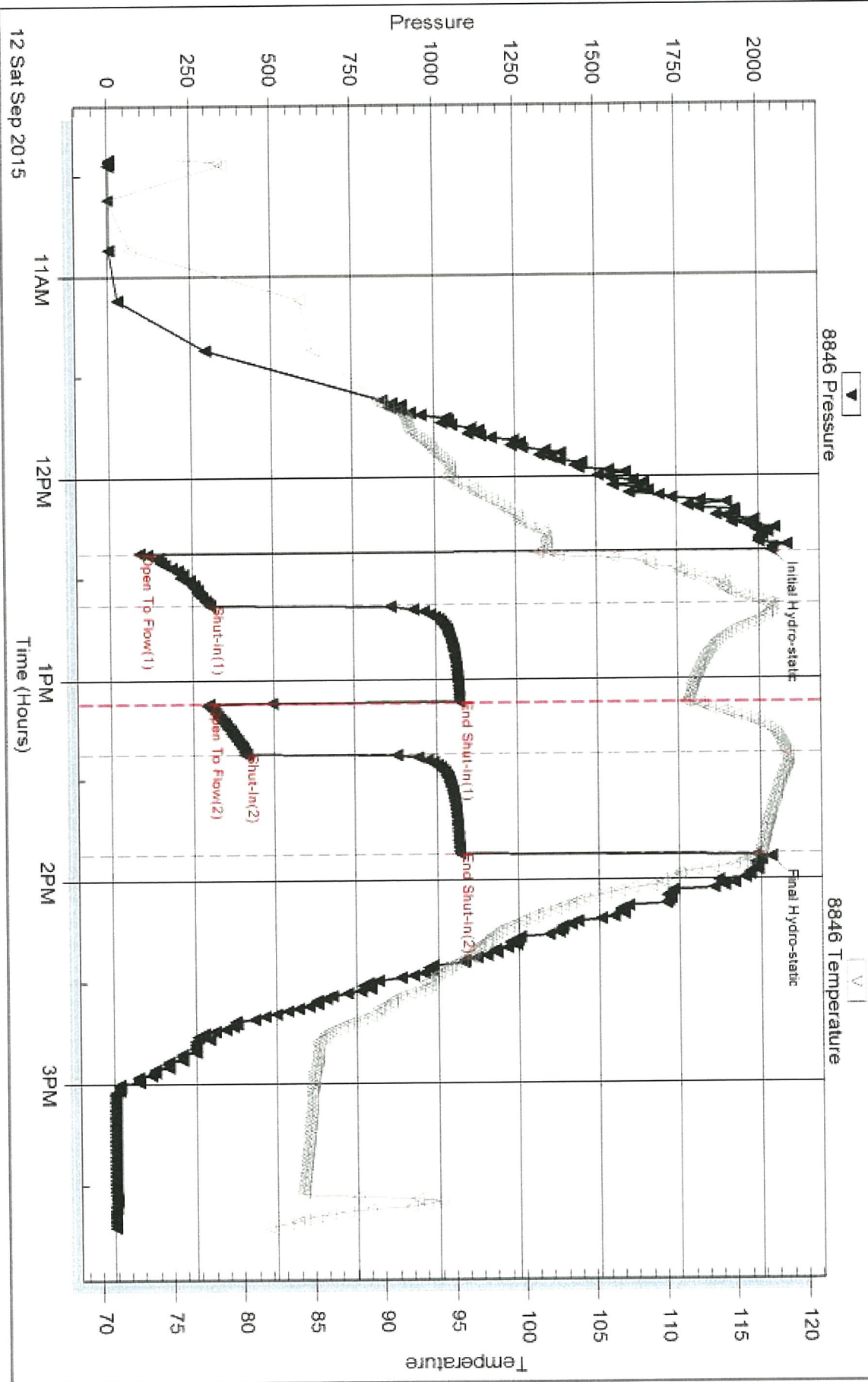
Inside

Palomino Petroleum Inc.

Easton #1

DST Test Number: 2

Pressure vs. Time



Triobite Testing, Inc

Ref. No: 64469

Printed: 2015 09 16 @ 10:10:14

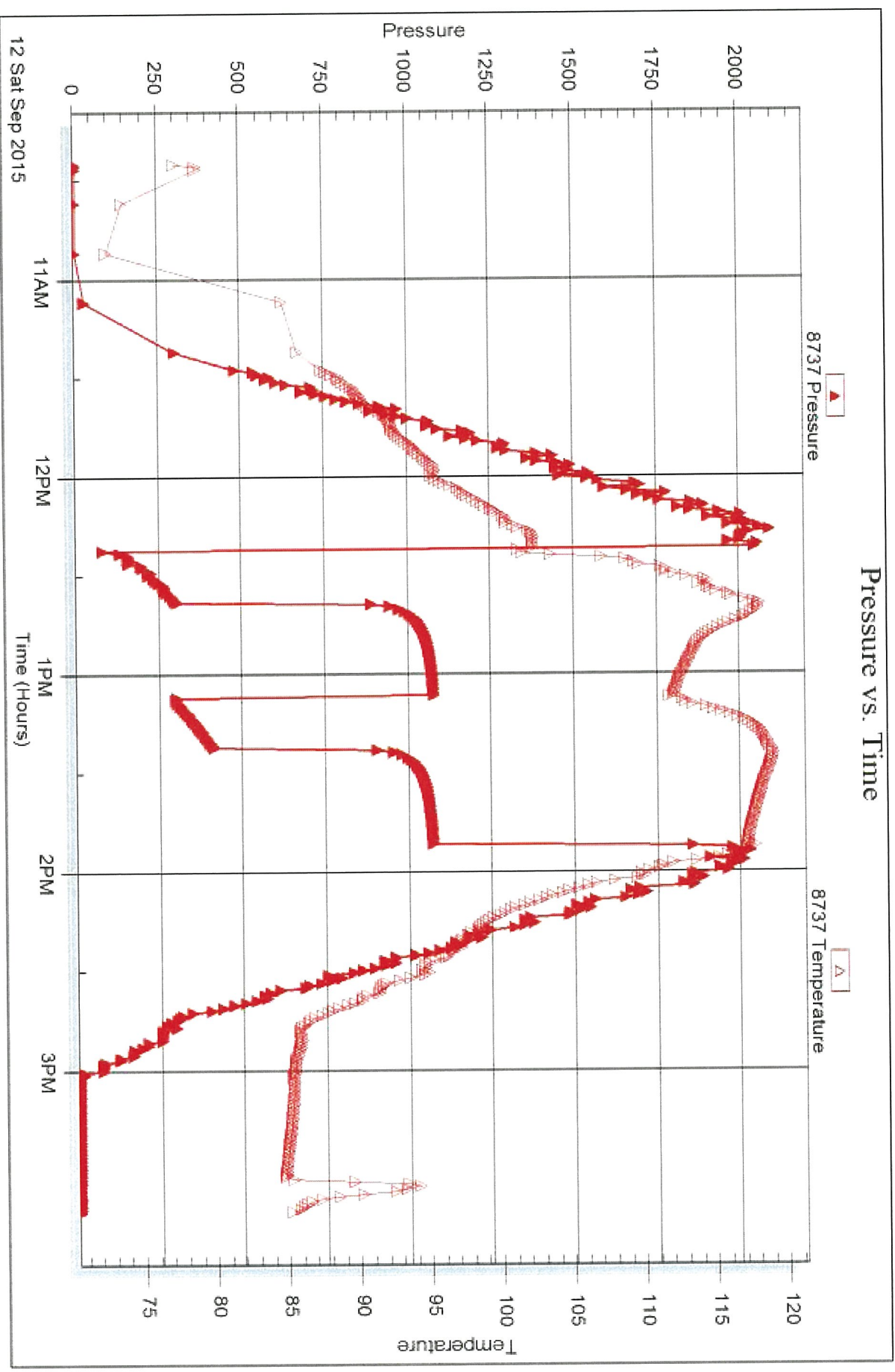
Serial #: 8737

Outside

Palomino Petroleum Inc.

Easton #1

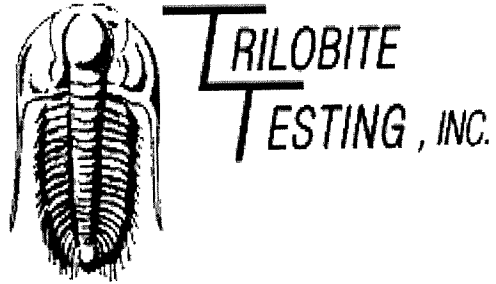
DST Test Number: 2



Tribble Testing, Inc

Ref. No: 64469

Printed 2015.09.16 @ 10:10:14



DRILL STEM TEST REPORT

Prepared For: **Palomino Petroleum Inc.**

4924 SE 84th St
Newton KS 67114

ATTN: Andrew Stenzel

Easton #1

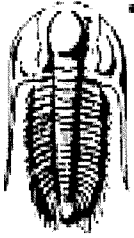
28-20-34w Scott,KS

Start Date: 2015.09.13 @ 11:33:15

End Date: 2015.09.13 @ 17:01:15

Job Ticket #: 64470 DST #: 3

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Palomino Petroleum Inc.

28-20-34w Scott,KS

4924 SE 84th St
New ton KS 67114

Easton #1

Job Ticket: 64470

DST#: 3

ATTN: Andrew Stenzel

Test Start: 2015.09.13 @ 11:33:15

GENERAL INFORMATION:

Formation: **Marmaton**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 13:30:00

Time Test Ended: 17:01:15

Interval: **4470.00 ft (KB) To 4453.00 ft (KB) (TVD)**

Total Depth: 4470.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Test Type: Conventional Bottom Hole (Reset)

Tester: Mike Roberts

Unit No: 65

Reference Elevations: 3012.00 ft (KB)

3007.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 8846

Inside

Press@RunDepth: 100.55 psig @ 4472.00 ft (KB)

Start Date: 2015.09.13

End Date:

2015.09.13

Start Time: 11:33:15

End Time:

17:01:15

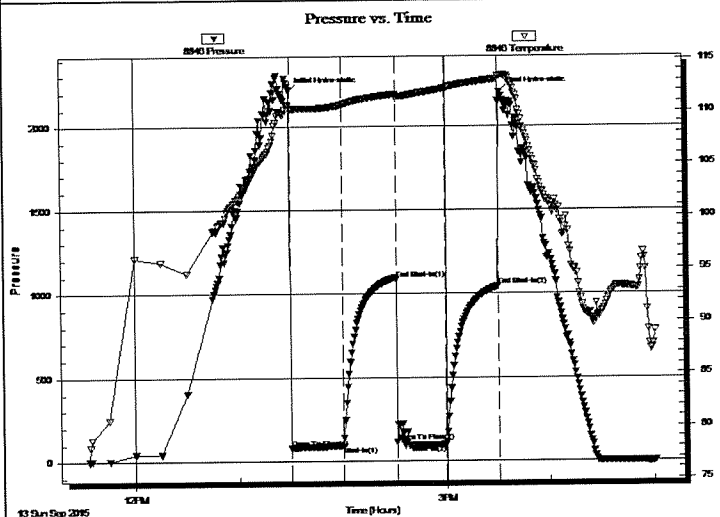
Capacity: 8000.00 psig

Last Calib.: 2015.09.13

Time On Btm: 2015.09.13 @ 13:29:30

Time Off Btm: 2015.09.13 @ 15:31:30

TEST COMMENT: IF: Built to 2" blow
IS: No return blow
FF: No blow
FS: No return blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2214.83	110.55	Initial Hydro-static
1	81.56	110.08	Open To Flow (1)
31	93.78	110.63	Shut-In(1)
62	1087.43	111.65	End Shut-In(1)
62	115.17	111.30	Open To Flow (2)
91	100.55	112.18	Shut-In(2)
121	1046.45	113.07	End Shut-In(2)
122	2203.41	113.36	Final Hydro-static

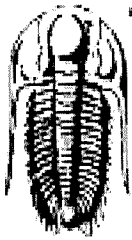
Recovery

Length (ft)	Description	Volume (bbl)
60.00	mud 100%m	0.30

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Palomino Petroleum Inc.

28-20-34w Scott, KS

4924 SE 84th St
New ton KS 67114

Easton #1

Job Ticket: 64470

DST#: 3

ATTN: Andrew Stenzel

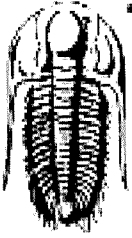
Test Start: 2015.09.13 @ 11:33:15

Tool Information

Drill Pipe:	Length: 4332.00 ft	Diameter: 3.80 inches	Volume: 60.77 bbl	Tool Weight: 1500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 120.00 ft	Diameter: 2.25 inches	Volume: 0.59 bbl	Weight to Pull Loose: 70000.00 lb
		<u>Total Volume:</u>	<u>61.36 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	10.00 ft			String Weight: Initial 50000.00 lb
Depth to Top Packer:	4470.00 ft			Final 50000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	83.00 ft			
Tool Length:	111.00 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			4443.00	
Shut In Tool	5.00			4448.00	
Hydraulic tool	5.00			4453.00	
Jars	5.00			4458.00	
Safety Joint	3.00			4461.00	
Packer	5.00			4466.00	28.00 Bottom Of Top Packer
Packer	4.00			4470.00	
Stubb	1.00			4471.00	
Perforations	1.00			4472.00	
Recorder	0.00	8846	Inside	4472.00	
Recorder	0.00	8737	Outside	4472.00	
Change Over Sub	1.00			4473.00	
Drill Pipe	64.00			4537.00	
Change Over Sub	1.00			4538.00	
Perforations	10.00			4548.00	
Bullnose	5.00			4553.00	83.00 Bottom Packers & Anchor
Total Tool Length:	111.00				



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Palomino Petroleum Inc.

28-20-34w Scott,KS

4924 SE 84th St
New ton KS 67114

Easton #1

Job Ticket: 64470

DST#: 3

ATTN: Andrew Stenzel

Test Start: 2015.09.13 @ 11:33:15

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 55.00 sec/qt
Water Loss: 8.75 in³
Resistivity: 0.00 ohm.m
Salinity: 6000.00 ppm
Filter Cake: 1.00 inches

Cushion Type:
Cushion Length: ft
Cushion Volume: bbl
Gas Cushion Type:
Gas Cushion Pressure: psig

Oil API: 0 deg API
Water Salinity: 0 ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	mud 100%m	0.295

Total Length: 60.00 ft Total Volume: 0.295 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments:

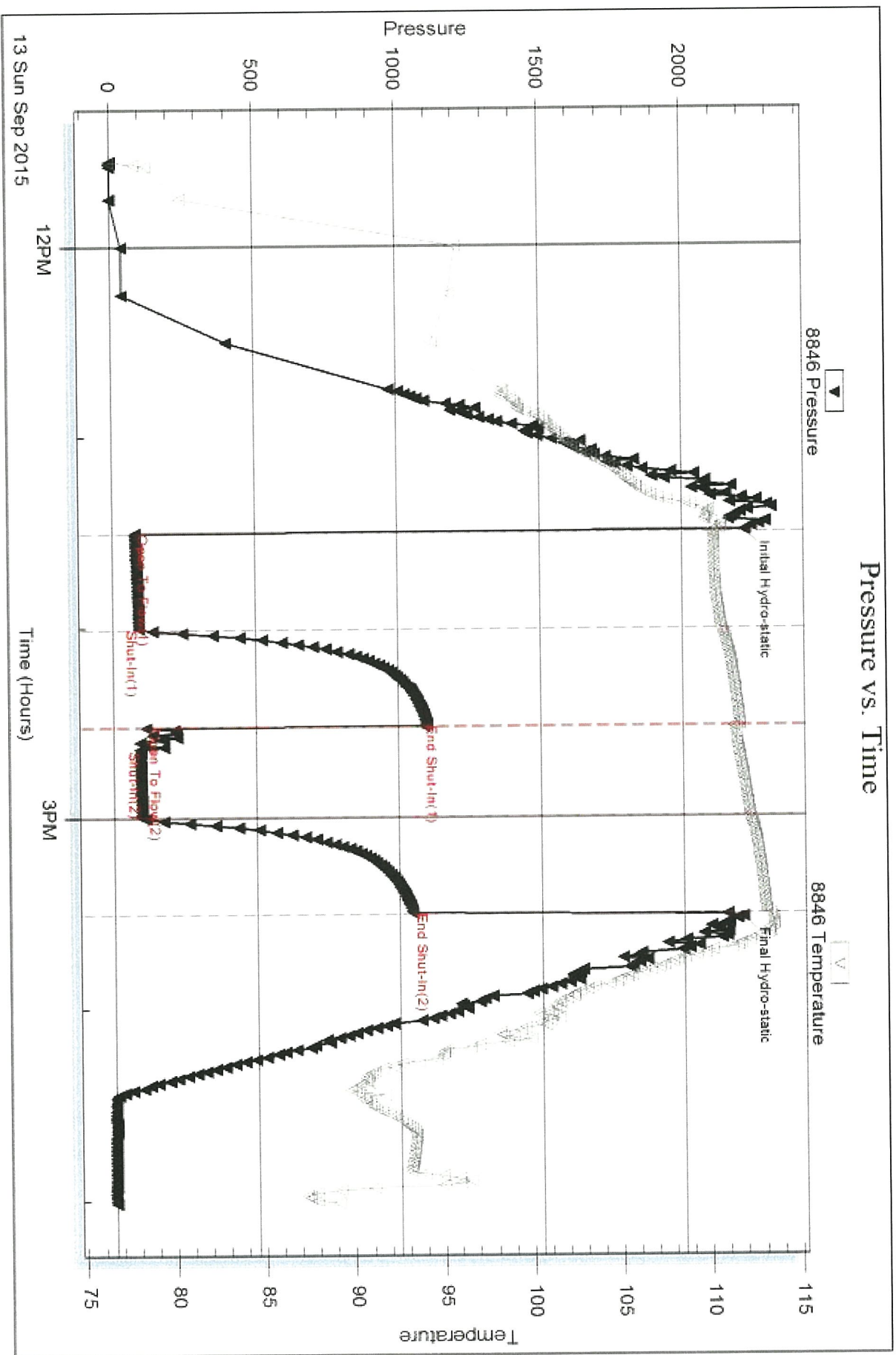
Serial #: 8846

Inside

Palomino Petroleum Inc.

Easton #1

DST Test Number: 3



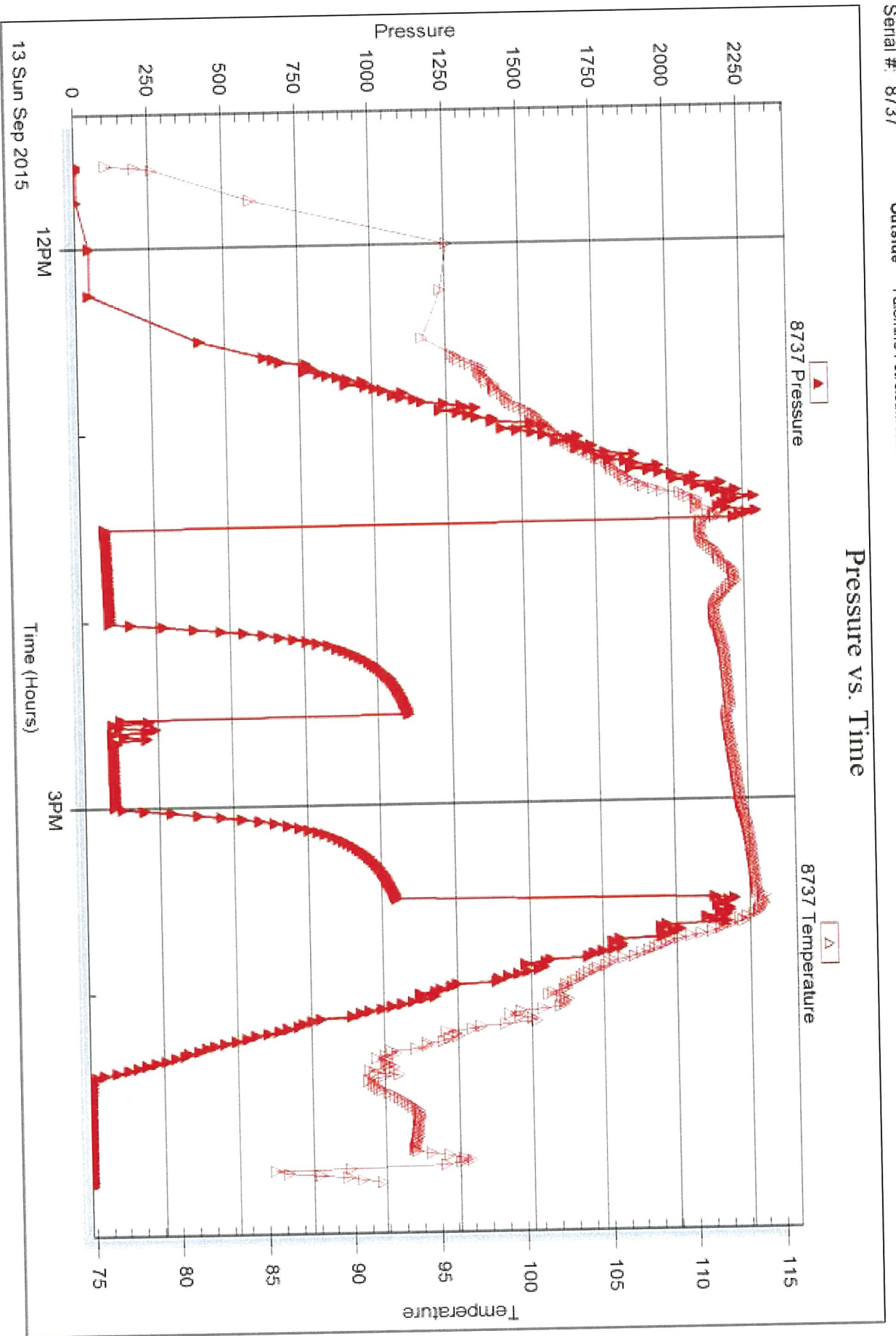
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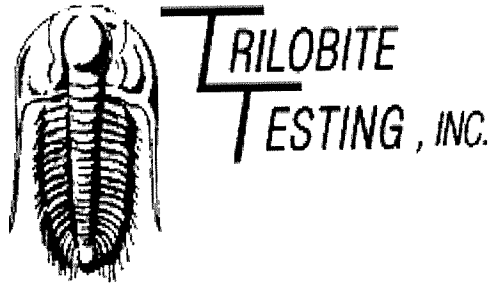
Outside

Palomino Petroleum Inc.

Easton #1

DST Test Number: 3





DRILL STEM TEST REPORT

Prepared For: **Palomino Petroleum Inc.**

4924 SE 84th St
Newton KS 67114

ATTN: Andrew Stenzel

Easton #1

28-20-34w Scott,KS

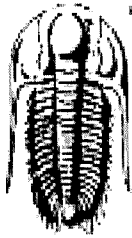
Start Date: 2015.09.13 @ 23:36:15

End Date: 2015.09.14 @ 05:24:00

Job Ticket #: 64471 DST #: 4

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

Printed: 2015.09.16 @ 10:09:17



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Palomino Petroleum Inc.

28-20-34w Scott,KS

4924 SE 84th St
New ton KS 67114

Easton #1

Job Ticket: 64471

DST#: 4

ATTN: Andrew Stenzel

Test Start: 2015.09.13 @ 23:36:15

GENERAL INFORMATION:

Formation: **Pawnee**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Reset)
 Time Tool Opened: 01:32:00 Tester: Mike Roberts
 Time Test Ended: 05:24:00 Unit No: 65
 Interval: **4544.00 ft (KB) To 4584.00 ft (KB) (TVD)** Reference Elevations: 3012.00 ft (KB)
 Total Depth: 4544.00 ft (KB) (TVD) 3007.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 5.00 ft

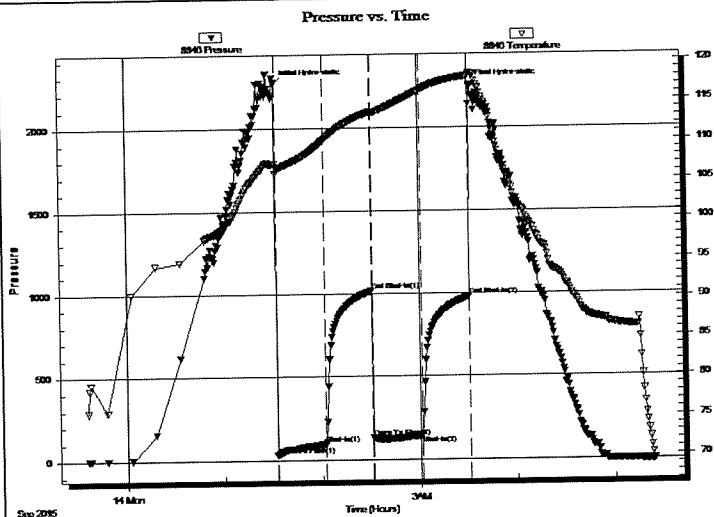
Serial #: 8846

Inside

Press@RunDepth: 146.38 psig @ 4546.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2015.09.13 End Date: 2015.09.14 Last Calib.: 2015.09.14
 Start Time: 23:36:15 End Time: 05:24:00 Time On Btm: 2015.09.14 @ 01:31:45
 Time Off Btm: 2015.09.14 @ 03:32:00

TEST COMMENT: IF:BOB in 15 min.
 IS:Return blow built to 1" blow
 FF:BOB in 14 min.
 FS:No return blow

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2269.31	106.97	Initial Hydro-static
1	33.00	105.77	Open To Flow (1)
31	96.84	110.01	Shut-In(1)
59	1016.56	113.50	End Shut-In(1)
60	131.69	113.39	Open To Flow (2)
90	146.38	116.18	Shut-In(2)
120	980.49	117.94	End Shut-In(2)
121	2251.80	118.38	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
120.00	gcow 20%g 30%o 50%w	0.59
186.00	gcmo 20%g 30%m 50%o	2.61
0.00	GIP=186	0.00

* Recovery from multiple tests

Gas Rates

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



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

Palomino Petroleum Inc.

28-20-34w Scott,KS

4924 SE 84th St
New ton KS 67114

Easton #1

Job Ticket: 64471

DST#: 4

ATTN: Andrew Stenzel

Test Start: 2015.09.13 @ 23:36:15

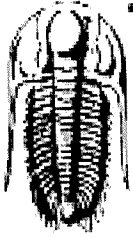
Tool Information

Drill Pipe:	Length: 4420.00 ft	Diameter: 3.80 inches	Volume: 62.00 bbl	Tool Weight: 1500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 120.00 ft	Diameter: 2.25 inches	Volume: 0.59 bbl	Weight to Pull Loose: 70000.00 lb
			<u>Total Volume: 62.59 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	24.00 ft			String Weight: Initial 52000.00 lb
Depth to Top Packer:	4544.00 ft			Final 53000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	40.00 ft			
Tool Length:	68.00 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			4517.00	
Shut In Tool	5.00			4522.00	
Hydraulic tool	5.00			4527.00	
Jars	5.00			4532.00	
Safety Joint	3.00			4535.00	
Packer	5.00			4540.00	28.00 Bottom Of Top Packer
Packer	4.00			4544.00	
Stubb	1.00			4545.00	
Perforations	1.00			4546.00	
Recorder	0.00	8846	Inside	4546.00	
Recorder	0.00	8737	Outside	4546.00	
Change Over Sub	1.00			4547.00	
Drill Pipe	31.00			4578.00	
Change Over Sub	1.00			4579.00	
Bullnose	5.00			4584.00	40.00 Bottom Packers & Anchor

Total Tool Length: 68.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Palomino Petroleum Inc.

28-20-34w Scott,KS

4924 SE 84th St
New ton KS 67114

Easton #1

Job Ticket: 64471

DST#: 4

ATTN: Andrew Stenzel

Test Start: 2015.09.13 @ 23:36:15

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 55.00 sec/qt
Water Loss: 8.76 in³
Resistivity: 0.00 ohm.m
Salinity: 6000.00 ppm
Filter Cake: 1.00 inches

Cushion Type:
Cushion Length: ft
Cushion Volume: bbl
Gas Cushion Type:
Gas Cushion Pressure: psig

Oil API: 0 deg API
Water Salinity: 28000 ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
120.00	gcow 20%g 30%o 50%w	0.590
186.00	gcmo 20%g 30%m 50%o	2.609
0.00	GIP=186	0.000

Total Length: 306.00 ft Total Volume: 3.199 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments: RW= .32@ 71.3 = 28,000 ppm

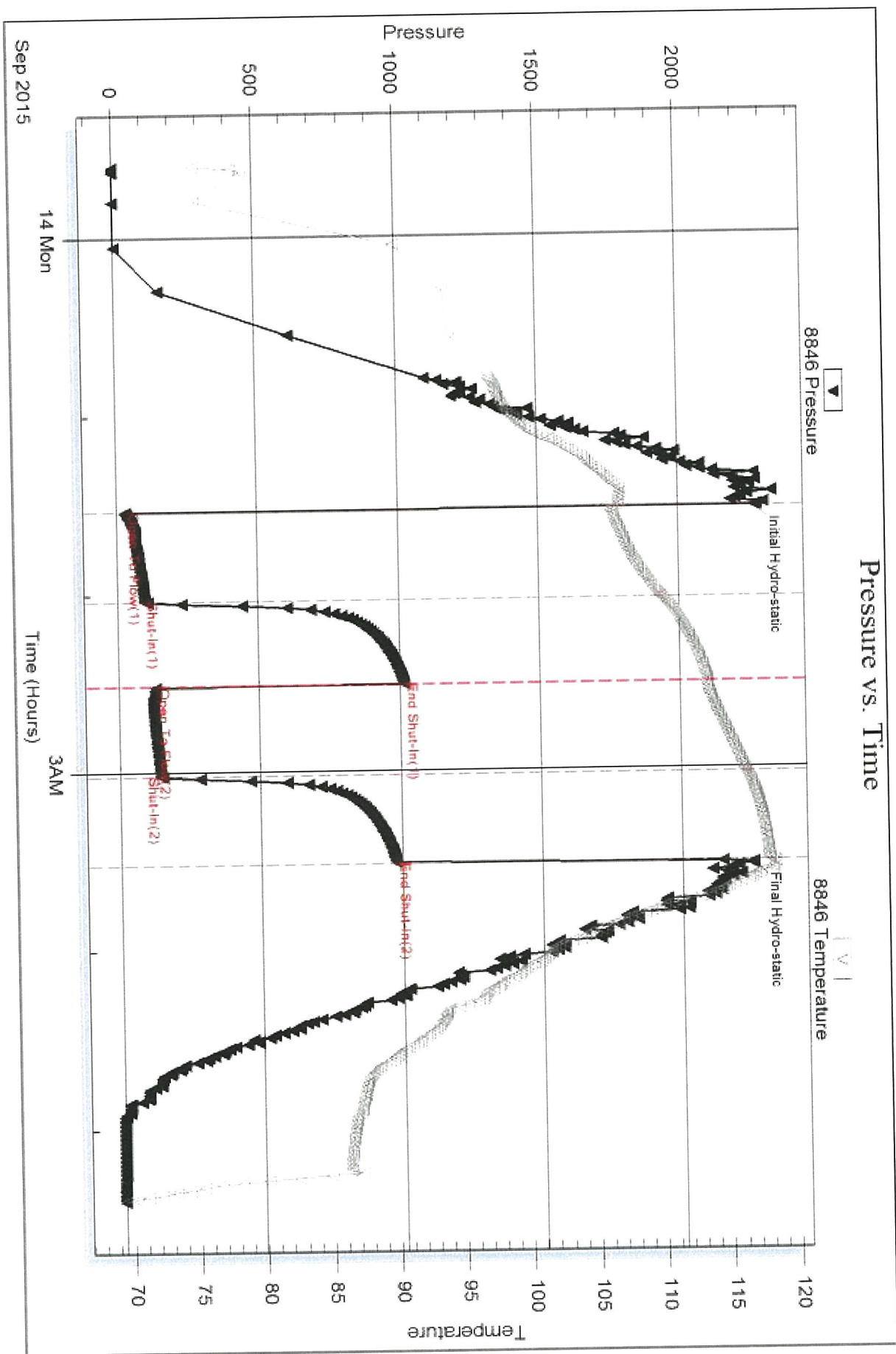
Serial #: 8846

Inside

Palomino Petroleum Inc.

Easton #1

OST Test Number: 4

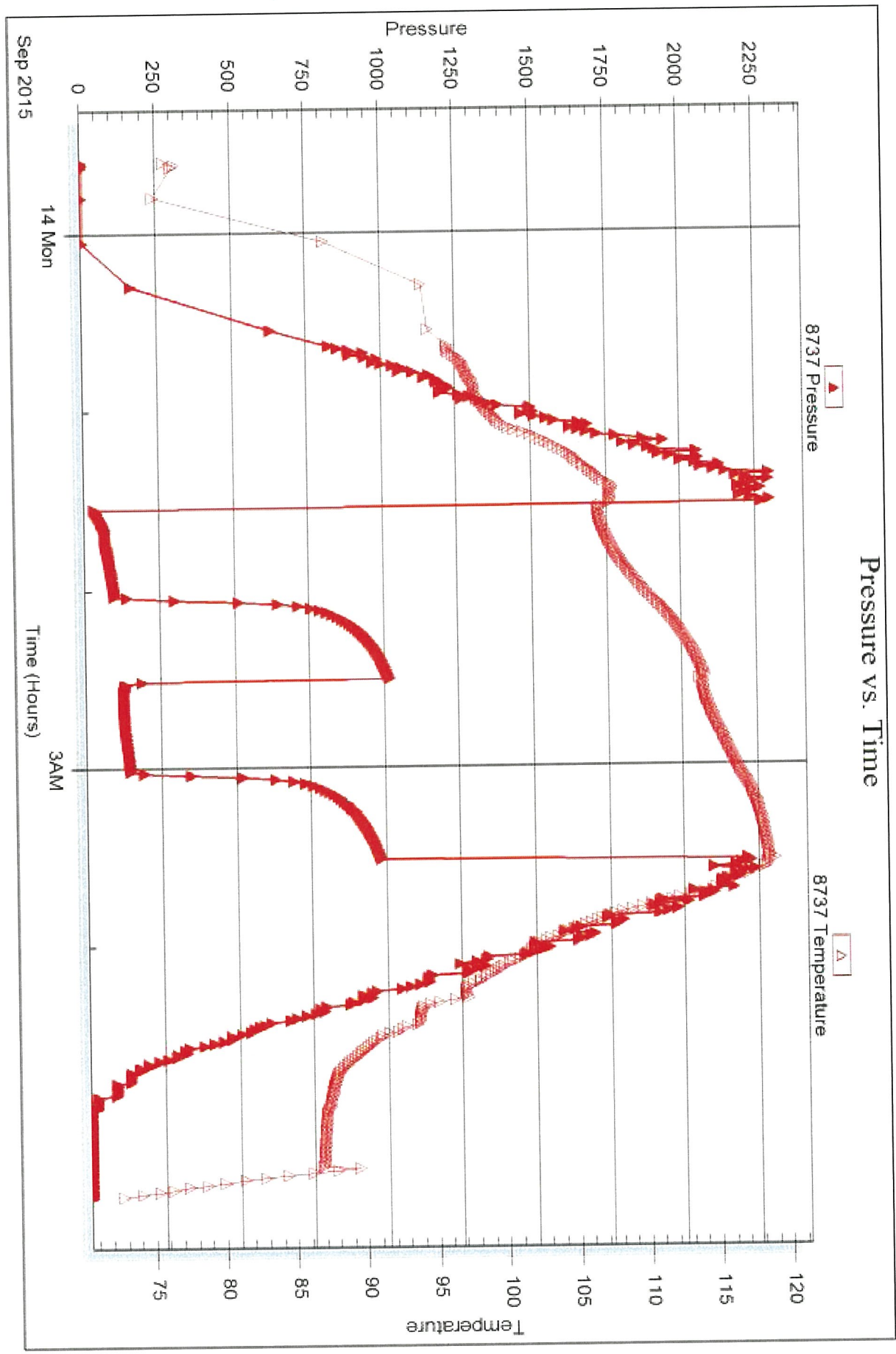


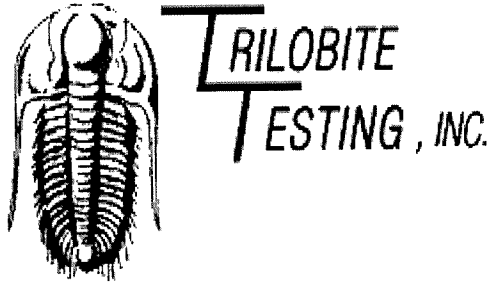
Serial #: 8737

Outside Palomino Petroleum Inc.

Easton #1

DST Test Number: 4





DRILL STEM TEST REPORT

Prepared For: **Palomino Petroleum Inc.**

4924 SE 84th St
Newton KS 67114

ATTN: Andrew Stenzel

Easton #1

28-20-34w Scott,KS

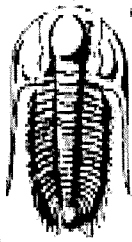
Start Date: 2015.09.14 @ 13:25:15

End Date: 2015.09.14 @ 19:00:15

Job Ticket #: 64472 DST #: 5

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

Printed: 2015.09.16 @ 10:03:59



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Palomino Petroleum Inc.

28-20-34w Scott,KS

4924 SE 84th St
New ton KS 67114

Easton #1

Job Ticket: 64472

DST#: 5

ATTN: Andrew Stenzel

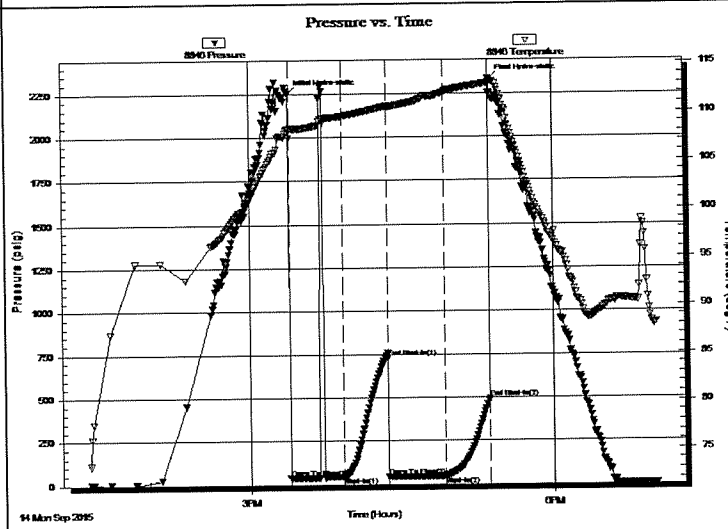
Test Start: 2015.09.14 @ 13:25:15

GENERAL INFORMATION:

Formation: **Ft.Scott**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 15:23:15
 Time Test Ended: 19:00:15
 Interval: **4574.00 ft (KB) To 4632.00 ft (KB) (TVD)**
 Total Depth: 4574.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Mike Roberts
 Unit No: 65
 Reference Elevations: 3012.00 ft (KB)
 3007.00 ft (CF)
 KB to GR/CF: 5.00 ft

Serial #: 8846 Inside
 Press@RunDepth: 47.45 psig @ 4576.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2015.09.14 End Date: 2015.09.14 Last Calib.: 2015.09.14
 Start Time: 13:25:15 End Time: 19:00:15 Time On Btm: 2015.09.14 @ 15:23:00
 Time Off Btm: 2015.09.14 @ 17:22:15

TEST COMMENT: IF:Weak surface blow ----flushed ----w eak surface blow that died in 10 min.
 IS:No return blow
 FF:No blow
 FS:No return blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2246.45	108.17	Initial Hydro-static
1	38.33	107.25	Open To Flow (1)
32	43.19	109.50	Shut-In(1)
59	729.98	110.50	End Shut-In(1)
59	44.35	110.34	Open To Flow (2)
92	47.45	111.95	Shut-In(2)
119	493.31	112.91	End Shut-In(2)
120	2329.62	113.22	Final Hydro-static

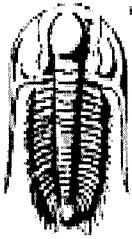
Recovery

Length (ft)	Description	Volume (bbl)
5.00	mud w with oil spots 100% _m	0.02

* Recovery from multiple tests

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (MMcfd)



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Palomino Petroleum Inc.

28-20-34w Scott,KS

4924 SE 84th St
New ton KS 67114

Easton #1

Job Ticket: 64472

DST#: 5

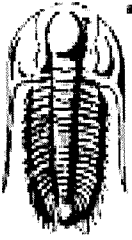
ATTN: Andrew Stenzel

Test Start: 2015.09.14 @ 13:25:15

Tool Information

Drill Pipe:	Length: 4450.00 ft	Diameter: 3.80 inches	Volume: 62.42 bbl	Tool Weight: 1500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 120.00 ft	Diameter: 2.25 inches	Volume: 0.59 bbl	Weight to Pull Loose: 70000.00 lb
			<u>Total Volume: 63.01 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	24.00 ft			String Weight: Initial 52000.00 lb
Depth to Top Packer:	4574.00 ft			Final 52000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	58.00 ft			
Tool Length:	86.00 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			4547.00	
Shut In Tool	5.00			4552.00	
Hydraulic tool	5.00			4557.00	
Jars	5.00			4562.00	
Safety Joint	3.00			4565.00	
Packer	5.00			4570.00	28.00 Bottom Of Top Packer
Packer	4.00			4574.00	
Stubb	1.00			4575.00	
Perforations	1.00			4576.00	
Recorder	0.00	8846	Inside	4576.00	
Recorder	0.00	8737	Outside	4576.00	
Change Over Sub	1.00			4577.00	
Drill Pipe	32.00			4609.00	
Change Over Sub	1.00			4610.00	
Perforations	17.00			4627.00	
Bullnose	5.00			4632.00	58.00 Bottom Packers & Anchor
Total Tool Length:	86.00				



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Palomino Petroleum Inc.

28-20-34w Scott,KS

4924 SE 84th St
New ton KS 67114

Easton #1

Job Ticket: 64472

DST#: 5

ATTN: Andrew Stenzel

Test Start: 2015.09.14 @ 13:25:15

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 56.00 sec/qt
Water Loss: 7.15 in³
Resistivity: 0.00 ohm.m
Salinity: 4000.00 ppm
Filter Cake: 1.00 inches

Cushion Type:
Cushion Length: ft
Cushion Volume: bbl
Gas Cushion Type:
Gas Cushion Pressure: psig

Oil API: 0 deg API
Water Salinity: 0 ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	mud w ith oil spots 100% _m	0.025

Total Length: 5.00 ft Total Volume: 0.025 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments:

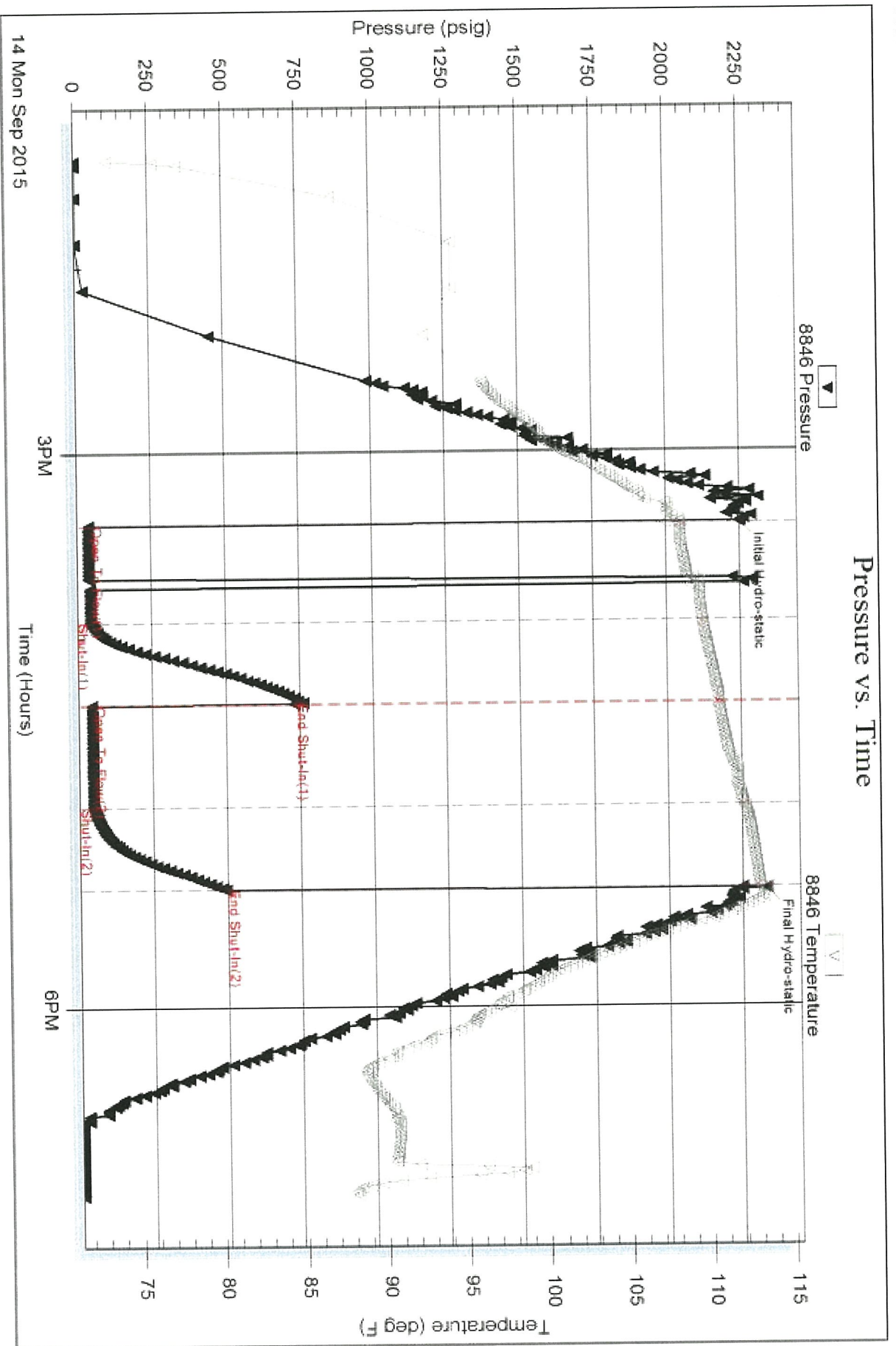
Serial #: 8846

Inside

Palomino Petroleum Inc.

Easton #1

DST Test Number: 5

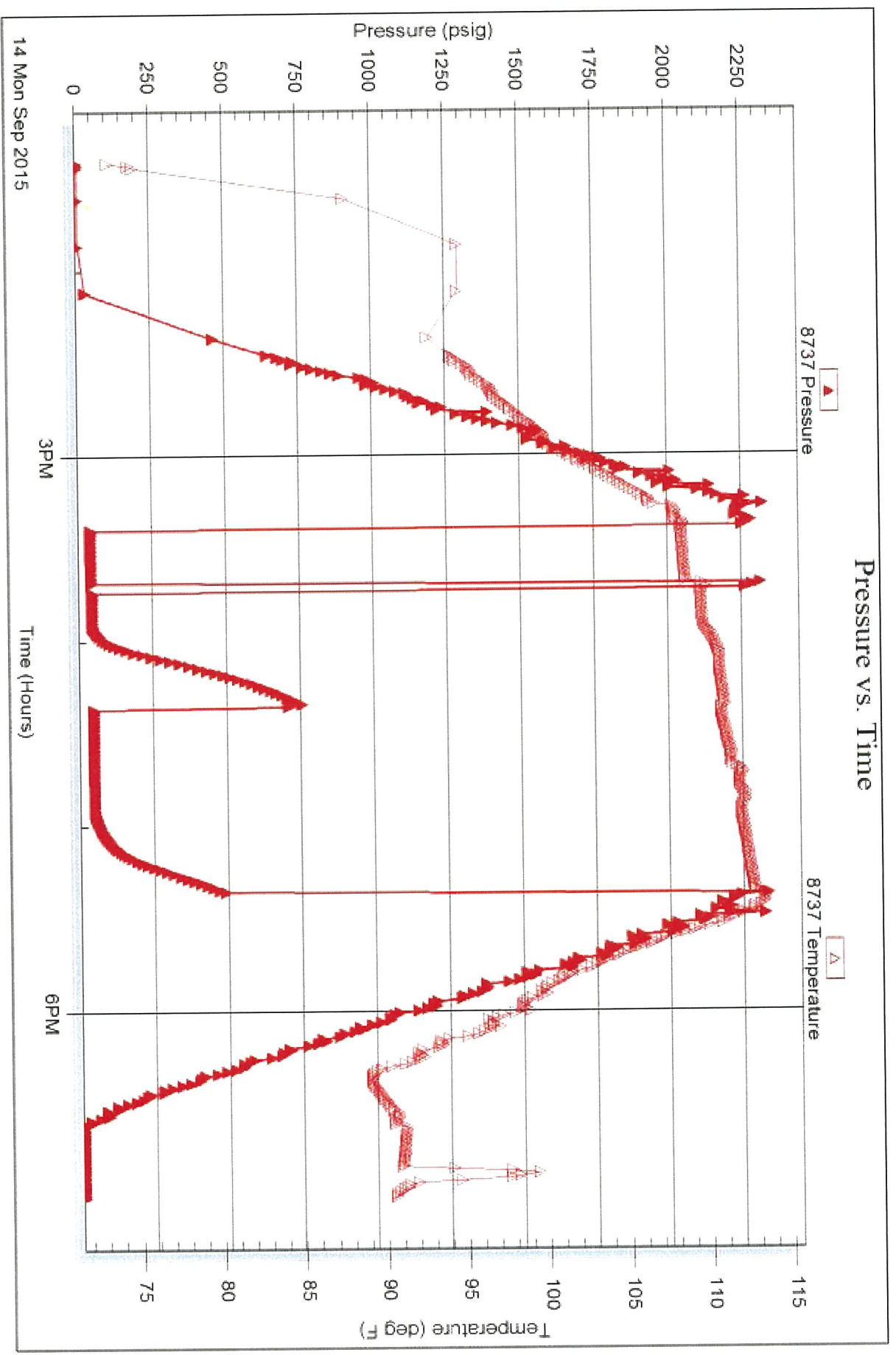


Serial #: 8737

Outside Palomino Petroleum Inc.

Easton #1

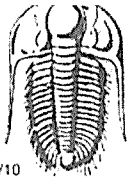
DST Test Number: 5



Tribotite Testing, Inc

Ref. No: 64472

Printed 2015 09 16 @ 10 04 02



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 64468

Well Name & No. Easton #1 Test No. 1 Date 9-11-15
 Company Palomino Petroleum Inc Elevation 3012 KB 3007 GL
 Address 4924 SE 84th St Newton KS 67114
 Co. Rep / Geo. Andrew Stenzel Rig WW10
 Location: Sec. 28 Twp. 20 Rge. 34W Co. SCOTT State KS

Interval Tested 4204-4265 Zone Tested I
 Anchor Length 61 Drill Pipe Run 4074 Mud Wt. 8.9
 Top Packer Depth 4199 Drill Collars Run 120 Vis 56
 Bottom Packer Depth 4204 Wt. Pipe Run φ WL 7.2
 Total Depth 4265 Chlorides 4000 ppm System LCM 2

Blow Description IF:
IS:
FF: Lost Circulation
FS: When At Bottom With Tool

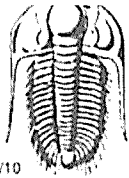
Rec	Feet of	%gas	%oil	%water	%mud

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

(A) Initial Hydrostatic 2068 Test 950 \$ 1150.00 T-On Location 22:30
 (B) First Initial Flow _____ Jars 250.00 T-Started 00:52
 (C) First Final Flow _____ Safety Joint 75.00 T-Open _____
 (D) Initial Shut-In _____ Circ Sub _____ T-Pulled Lost
 (E) Second Initial Flow _____ Hourly Standby _____ T-Out CIRC 04:08
 (F) Second Final Flow _____ Mileage 56 RT \$ 56.00 Comments _____
 (G) Final Shut-In _____ Sampler _____
 (H) Final Hydrostatic 2102 Straddle _____ Ruined Shale Packer _____
 Shale Packer L Ruined Packer _____
 Extra Packer _____ Extra Copies _____
 Extra Recorder _____ Sub Total 0
 Day Standby _____ Total 1331
 Accessibility 1331 MP/DST Disc't _____
 Sub Total \$ 1531.00

Approved By Andrew Stenzel Our Representative Mike Roberts

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.



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 84469

Well Name & No. Easton #1 Test No. 2 Date 9-12-15
 Company Palomino Petroleum Inc Elevation 3012 KB 3007 GL
 Address 4924 SE 84th ST Newton KS 67114
 Co. Rep / Geo. Andrew Stenzel Rig NW 10
 Location: Sec. 28 Twp. 20 Rge. 34W Co. Scott State KS

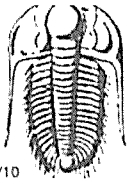
Interval Tested 4204-4265 Zone Tested I
 Anchor Length 61 Drill Pipe Run 4074 Mud Wt. 8.9
 Top Packer Depth 4199 Drill Collars Run 120 Vis 56
 Bottom Packer Depth 4204 Wt. Pipe Run ∅ WL 7.2
 Total Depth 4265 Chlorides 4000 ppm System LCM 2
 Blow Description IF: BOB in 4 min
IS: No Return Blow
FF: BOB in 4 min
FS: No Return Blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>407</u>	<u>Feet of MUD</u>			<u>100</u>	
<u>186</u>	<u>Feet of WCM</u>		<u>5</u>	<u>95</u>	
<u>120</u>	<u>Feet of MCW (Collars)</u>		<u>80</u>	<u>20</u>	
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 713 BHT 117 Gravity - API RW .37 @ 95.1% F Chlorides 14000 ppm
 (A) Initial Hydrostatic 2038 Test \$1150.00 T-On Location 09:30
 (B) First Initial Flow 89 Jars \$250.00 T-Started 10:25
 (C) First Final Flow 305 Safety Joint \$75.00 T-Open 12:22
 (D) Initial Shut-In 1073 Circ Sub NC T-Pulled 13:52
 (E) Second Initial Flow 298 Hourly Standby _____ T-Out 15:42
 (F) Second Final Flow 408 Mileage 56 RT \$56.00 Comments _____
 (G) Final Shut-In 1070 Sampler _____
 (H) Final Hydrostatic 2033 Straddle _____
 Ruined Shale Packer _____
 Ruined Packer _____
 Extra Copies _____
 Initial Open 15 Extra Packer _____
 Initial Shut-In 30 Extra Recorder _____
 Final Flow 15 Day Standby _____
 Final Shut-In 30 Accessibility _____
 Sub Total \$1531.00 Sub Total 0
 Total 1531 Total _____
 MP/DST Disc't _____

Approved By _____ Our Representative Mike Roberts

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TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 64470

Well Name & No. Easton #1 Test No. 3 Date 9-13-15
 Company Palomino Petroleum Inc Elevation 3012 KB 3007 GL
 Address 4924 SE 84th St Newton KS 67114
 Co. Rep / Geo. Andrew Stenzel Rig WW10
 Location: Sec. 28 Twp. 20 Rge. 34W Co. SCOTT State KS

Interval Tested 4470-4553 Zone Tested Marmaton
 Anchor Length 83 Drill Pipe Run 4332 Mud Wt. 9.2
 Top Packer Depth 4465 Drill Collars Run 120 Vis 55
 Bottom Packer Depth 4470 Wt. Pipe Run Ø WL 8.8
 Total Depth 4553 Chlorides 6000 ppm System LCM 6

Blow Description IF: Built to 2" Blow
IS: No Return Blow
FF: No Blow
FS: No Return Blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>60</u>	<u>MUD</u>			<u>100</u>	
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 60 BHT 113 Gravity - API RW - @ - ° F Chlorides - ppm

(A) Initial Hydrostatic <u>2214</u>	<input checked="" type="checkbox"/> Test <u>\$1150.00</u>	T-On Location <u>10:25</u>
(B) First Initial Flow <u>81</u>	<input checked="" type="checkbox"/> Jars <u>\$250.00</u>	T-Started <u>11:33</u>
(C) First Final Flow <u>93</u>	<input checked="" type="checkbox"/> Safety Joint <u>\$75.00</u>	T-Open <u>13:29</u>
(D) Initial Shut-In <u>1087</u>	<input checked="" type="checkbox"/> Circ Sub <u>NC</u>	T-Pulled <u>15:29</u>
(E) Second Initial Flow <u>115</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>17:01</u>
(F) Second Final Flow <u>100</u>	<input checked="" type="checkbox"/> Mileage <u>96 RT @ 56.00/</u>	Comments
(G) Final Shut-In <u>1046</u>	<input type="checkbox"/> Sampler	
(H) Final Hydrostatic <u>2203</u>	<input type="checkbox"/> Straddle	<input type="checkbox"/> Ruined Shale Packer

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

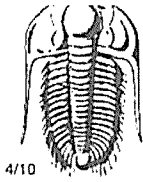
Extra Packer
 Extra Recorder
 Day Standby
 Accessibility

Sub Total \$1531.00/-

Total 1531
 MP/DST Disc't

Approved By _____ Our Representative Mike Roberts

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TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 64471

Well Name & No. Easton #1 Test No. 4 Date 9-13-15
 Company Palomino Petroleum Inc Elevation 3012 KB 3007 GL
 Address 4924 SE 84th St Newton KS 67114
 Co. Rep / Geo. Andrew Stenzel Rig WW10
 Location: Sec 28 Twp 20 Rge. 34W Co. SCOTT State KS

Interval Tested 4544-4584 Zone Tested Pawnee
 Anchor Length 40 Drill Pipe Run 4420 Mud Wt. 9.2
 Top Packer Depth 4539 Drill Collars Run 120 Vis 55
 Bottom Packer Depth 4544 Wt. Pipe Run 6 WL 8.8
 Total Depth 4584 Chlorides 6000 ppm System LCM 4

Blow Description IF: BOB in 15 Min
IS: Return Blow Built to 1"
FF: BOB in 14 Min
FS: ~~Return Blow Built to 1"~~ No Return Blow

Rec	Feet of	%gas	%oil	%water	%mud
186	Feet of <u>GIP = 186</u>	100			
<u>186</u>	Feet of <u>gc mo</u>	20	50	30	
<u>120</u>	Feet of <u>gcow (Collars)</u>	20	30	50	
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 306 BHT 118 Gravity — API RW 32 @ 74.3 °F Chlorides 28000 ppm

(A) Initial Hydrostatic <u>2269</u>	<input checked="" type="checkbox"/> Test <u>\$150.00</u>	T-On Location <u>22:45</u>
(B) First Initial Flow <u>33</u>	<input checked="" type="checkbox"/> Jars <u>\$250.00</u>	T-Started <u>23:36</u>
(C) First Final Flow <u>96</u>	<input checked="" type="checkbox"/> Safety Joint <u>\$75.00</u>	T-Open <u>01:32</u>
(D) Initial Shut-In <u>1016</u>	<input checked="" type="checkbox"/> Circ Sub <u>NE</u>	T-Pulled <u>03:32</u>
(E) Second Initial Flow <u>131</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>05:24</u>
(F) Second Final Flow <u>146</u>	<input checked="" type="checkbox"/> Mileage <u>56 RT \$56.00</u>	Comments
(G) Final Shut-In <u>980</u>	<input type="checkbox"/> Sampler	
(H) Final Hydrostatic <u>2251</u>	<input type="checkbox"/> Straddle	<input type="checkbox"/> Ruined Shale Packer

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

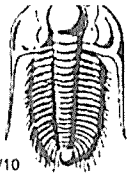
Shale Packer
 Extra Packer
 Extra Recorder
 Day Standby
 Accessibility

Sub Total \$1531.00

Sub Total 0
 Total 1531
 MP/DST Disc't

Approved By _____ Our Representative Mike Roberts

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TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 64472

Well Name & No. Easton #1 Test No. 5 Date 9-14-15
 Company Palomino Petroleum Inc Elevation 3012 KB 3007 GL
 Address 4924 SE 84th St. Newton KS 67114
 Co. Rep / Geo. Andrew Stenzel Rig WW10
 Location: Sec. 28 Twp. 20 Rge. 34W Co. Scott State KS

Interval Tested 4574-4632 Zone Tested Ft. Scott
 Anchor Length 58 Drill Pipe Run 4450 Mud Wt. 9.2
 Top Packer Depth 4569 Drill Collars Run 120 Vis 48
 Bottom Packer Depth 4574 Wt. Pipe Run 0 WL 10.4
 Total Depth 4632 Chlorides 2200 ppm System LCM 5

Blow Description IF: Weak Surface Blow - Flushed - Weak Surface Blow dried in hole
IS: No Return Blow
FF: No Blow
FS: No Return Blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>5</u>	<u>Mud with oil spots</u>			<u>100</u>	
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 5 BHT 113 Gravity — API RW — @ — °F Chlorides — ppm

(A) Initial Hydrostatic <u>2244</u>	<input checked="" type="checkbox"/> Test <u>150.00</u>	T-On Location <u>12:45</u>
(B) First Initial Flow <u>38</u>	<input checked="" type="checkbox"/> Jars <u>250.00</u>	T-Started <u>13:25</u>
(C) First Final Flow <u>43</u>	<input checked="" type="checkbox"/> Safety Joint <u>75.00</u>	T-Open <u>15:22</u>
(D) Initial Shut-In <u>729</u>	<input checked="" type="checkbox"/> Circ Sub <u>NL</u>	T-Pulled <u>17:22</u>
(E) Second Initial Flow <u>44</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>19:00</u>
(F) Second Final Flow <u>47</u>	<input checked="" type="checkbox"/> Mileage <u>56RT 156.00/</u>	Comments <u>Loaded tools 9/15/15</u>
(G) Final Shut-In <u>493</u>	<input type="checkbox"/> Sampler <u>+56</u>	
(H) Final Hydrostatic <u>2329</u>	<input type="checkbox"/> Straddle	

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

Ruined Shale Packer
 Ruined Packer
 Extra Copies
 Sub Total 0
 Total 1587
 MP/DST Disc't

Approved By Andrew Stenzel Our Representative Mike Roberts

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