



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1210312
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: _____

1210312

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

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

INSTRUCTIONS: Show important tops of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

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

CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone				

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> <input type="checkbox"/> Other <i>(Specify)</i> _____ <i>(Submit ACO-4)</i>	PRODUCTION INTERVAL: _____ _____
--	---	---



CONSOLIDATED
Oil Well Services, LLC

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

RECEIVED

MAY 12 2014

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

INVOICE

Invoice # 267872

Invoice Date: 05/08/2014 Terms: 0/30/10,n/30

Page 1

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

PALSON #1
5220000858
24-23-3E
05-05-2014
KS

Part Number	Description	Qty	Unit Price	Total
1131	60/40 POZ MIX	130.00	13.1800	1713.40

Sublet Performed	Description	Total
9996-170	CEMENT MATERIAL DISCOUNT	-514.00

Description	Hours	Unit Price	Total
485 CEMENT PUMP	1.00	1085.00	1085.00
485 EQUIPMENT MILEAGE (ONE WAY)	22.00	4.20	92.40
515 MIN. BULK DELIVERY	1.00	368.00	368.00

Amount Due 3368.46 if paid after 05/18/2014

Parts:	1713.40	Freight:	.00	Tax:	76.76	AR	2821.56
Labor:	.00	Misc:	.00	Total:	2821.56		
Sublt:	-514.00	Supplies:	.00	Change:	.00		

Signed _____ Date _____

ARTLESVILLE, OK EL DORADO, KS EUREKA, KS PONCA CITY, OK OAKLEY, KS OTTAWA, KS THAYER, KS GILLETTE, WY CUSHING, OK

5/5/2014



5220000858

CEMENT FIELD TICKET AND TREATMENT REPORT

267872

Customer	Palamino	6285	State/County	Butler, Kansas	Cement Type	CLASS A
Job Type	Plug Job		Section	24	Excess (%)	
Customer Acct.#			TWP	23	Density	13.6
Well No.	Palson #1		RGE	3E	Water Required	7.29
Mailing Address			Formation		Yield	1.48
City & State			Tubing		Sacks of Cement	130
Zip Code			Drill Pipe	4 1/2 16.60#	Slurry Volume	9.2/9.2/7/
Contact			Surface	250' of 8 5/8	Displacement	37.6/1
Email			Hole Size	7.875 OH	Displacement PSI	
Cell			Casing Depth		MIX PSI	100
Dispatch Location	EUREKA		Hole Depth	2850	Rate	2.5

Code	Cement Pump Charges and Mileage	Quantity	Unit	Price per Unit	
5401	CEMENT PUMP (2 HOUR MAX)	1	2 HRS MAX	\$1,085.00	\$ 1,085.00
5406	EQUIPMENT MILEAGE (ONE-WAY)	22	PER MILE	\$4.20	\$ 92.40
5407	MIN. BULK DELIVERY (WITHIN 50 MILES)	1	PER LOAD	\$368.00	\$ 368.00
0			0	\$0.00	\$ -
0			0	\$0.00	\$ -
0			0	\$0.00	\$ -
0			0	\$0.00	\$ -
0			0	\$0.00	\$ -
0			0	\$0.00	\$ -
0			0	\$0.00	\$ -
EQUIPMENT TOTAL					\$ 1,545.40

Code	Cement, Chemicals and Water	Quantity	Unit	Price per Unit	
1131	60/40 POZMIX CEMENT W/ NO ADDITIVES (40% POZ)	130		\$13.18	\$ 1,713.40
0			0	\$0.00	\$ -
0			0	\$0.00	\$ -
0			0	\$0.00	\$ -
0			0	\$0.00	\$ -
0			0	\$0.00	\$ -
0			0	\$0.00	\$ -
0			0	\$0.00	\$ -
0	30% Discount			\$0.00	\$ (514.00)
0			0	\$0.00	\$ -
0			0	\$0.00	\$ -
0			0	\$0.00	\$ -
CHEMICAL TOTAL					\$ 1,199.40

Code	Water Transport	Quantity	Unit	Price per Unit	
0			0	\$0.00	\$ -
0			0	\$0.00	\$ -
0			0	\$0.00	\$ -
TRANSPORT TOTAL					\$ -

Code	Cement Floating Equipment (TAXABLE)	Quantity	Unit	Price per Unit	
0	Cement Basket		0	\$0.00	\$ -
0	Centralizer		0	\$0.00	\$ -
0			0	\$0.00	\$ -
0	Float Shoe		0	\$0.00	\$ -
0	Float Collars		0	\$0.00	\$ -
0	Guide Shoes		0	\$0.00	\$ -
0	Baffle and Flapper Plates		0	\$0.00	\$ -
0	Packer Shoes		0	\$0.00	\$ -
0	DV Tools		0	\$0.00	\$ -
0	Ball Valves, Swedges, Clamps, Misc.		0	\$0.00	\$ -
0			0	\$0.00	\$ -
0			0	\$0.00	\$ -
0	Plugs and Ball Sealers		0	\$0.00	\$ -
0	Downhole Tools		0	\$0.00	\$ -
0			0	\$0.00	\$ -
CEMENT FLOATING EQUIPMENT TOTAL					\$ -

Code	DRIVER NAME
690	John Wade
485	Zevi
515	Colby
	Jeremy

6.40%	SUB TOTAL	\$ 2,744.80
0%	SALES TAX	\$ -
	TOTAL	\$ 2,744.80
	(DISCOUNT)	\$ -
	DISCOUNTED TOTAL	\$ 2,744.80



AUTHORIZATION _____
DATE 5/5/2014

TITLE _____
FOREMAN John Wade

I ACKNOWLEDGE THAT THE PAYMENT TERMS, UNLESS SPECIFICALLY AMENDED IN WRITING ON THE FRONT OF THE FORM OR IN THE CUSTOMER'S ACCOUNT RECORDS, AT OUR OFFICE, AND CONDITIONS OF SERVICE ON THE BACK OF THIS FORM ARE IN EFFECT FOR SERVICES IDENTIFIED ON THIS FORM.

RECEIVED

MAY 02 2014

Elite Cementing & Acid Service, LLC

810 E 7th, PO Box 92
Eureka, KS 67045



Date	Invoice #
4/30/2014	1273

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

Job Date	4/30/2014
Lease Information	
Paulson #1	
Foreman	SM

Customer ID#	Terms
1060	Net 30

Item	Description	Qty	Rate	Amount
C101	Cement Pump-Surface	1	840.00	840.00
C107	Pump Truck Mileage (one way)	25	3.95	98.75
C200	Class A Cement-94# sack	120	15.00	1,800.00T
C205	Calcium Chloride	335	0.60	201.00T
C206	Gel Bentonite	225	0.20	45.00T
C209	Flo-Seal	30	2.25	67.50T
C108A	Ton Mileage (min. charge)	1	345.00	345.00

We appreciate your business!

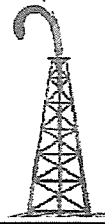
Phone #	Fax #
620-583-5561	620-583-5524
E-mail	
rene@elitecementing.com	

Subtotal	\$3,397.25
Sales Tax (6.4%)	\$135.26
Total	\$3,532.51
Payments/Credits	\$0.00
Balance Due	\$3,532.51

810 E 7TH
 PO Box 92
 EUREKA, KS 67045
 (620) 583-5561



**Cementing & Acidizing
 of Kansas, LLC**



Cement or Acid Field Report	
Ticket No.	<u>1273</u>
Foreman	<u>Steve Neal</u>
Camp	<u>Eureka</u>

API 15-015-24017

Date	Cust. ID #	Lease & Well Number	Section	Township	Range	County	State
4-30-14	1060	Paulson #1	24	23S	3E	Butler	KS
Customer			Unit #	Driver	Unit #	Driver	
Palomino Petroleum Inc			102	CHRIS B			
Mailing Address			112	CHRIS M			
4924 SE 84 TH ST.							
City	State	Zip Code					
Newton	KS	67114					

Job Type Surface Hole Depth 219' Slurry Vol. _____ Tubing _____
 Casing Depth 209' CL Hole Size 12 1/4 Slurry Wt. _____ Drill Pipe _____
 Casing Size & Wt. 8 5/8 23 Cement Left in Casing 15' Water Gal/SK _____ Other _____
 Displacement 13 bbls Displacement PSI _____ Bump Plug to _____ BPM _____

Remarks: Safety Meeting. Rig up to 8 5/8 casing. Break circulation w/ 5 bbls fresh water
Mix 120 SKS Class A Cement w/ 3% CaCl2, 2% Gel * 1/4" Flo-Cele. per 1 SK. @ 14.8"
Displace w/ 13 bbls Fresh water. Shut well in & add cement. Return to surface
9 bbls to pit. Job Complete Rig down

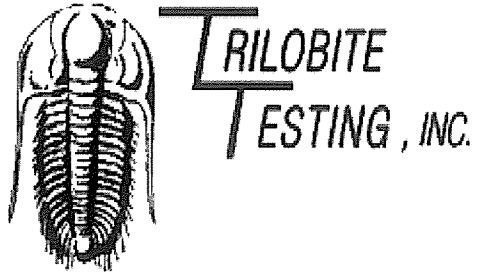
Thank you



Code	Qty or Units	Description of Product or Services	Unit Price	Total
C101	1	Pump Charge	840.00	840.00
C107	25	Mileage	3.95	98.75
C200	120 SKS	Class A Cement	15.00	1800.00
C205	335 #	CaCl2 3%	.60	201.00
C206	225 #	Gel 2%	.20	45.00
C209	30 #	Flo-Cele 1/4" per 1 SK	2.25	67.50
C108A	3.64 Ton	Ton Mileage Bulk Trucks	MVC	345.00
			Sub Total	3397.25
			6.40% Sales Tax	135.26

Authorization Duke Coulter Title _____ Total 3532.51

I agree to the payment terms and conditions of services provided on the back of this job ticket. Any amendments to payment terms must be in writing on the front of this job ticket or in the Customer's records at ELITE's office.



DRILL STEM TEST REPORT

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

4924 SE 84th St.
Newton, KS 67114

ATTN: Nicholas Gerstner

Paulson #1

24-23s-3e Butler,KS

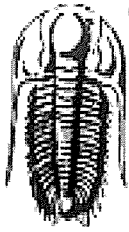
Start Date: 2014.05.02 @ 22:09:35

End Date: 2014.05.03 @ 04:30:35

Job Ticket #: 52010 DST #: 1

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

Printed: 2014.05.06 @ 14:13:11



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Palomino Petroleum, Inc.

24-23s-3e Butler, KS

4924 SE 84th St.
Newton, KS 67114

Paulson #1

Job Ticket: 52010

DST#: 1

ATTN: Nicholas Gerstner

Test Start: 2014.05.02 @ 22:09:35

GENERAL INFORMATION:

Formation: **Lower KC**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 00:18:35

Time Test Ended: 04:30:35

Test Type: Conventional Bottom Hole (Initial)

Tester: Matt Smith

Unit No: 53

Interval: **2220.00 ft (KB) To 2290.00 ft (KB) (TVD)**

Reference Elevations: 1393.00 ft (KB)

Total Depth: 2290.00 ft (KB) (TVD)

1384.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 9.00 ft

Serial #: 6773

Outside

Press@RunDepth: 23.48 psig @ 2221.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.05.02

End Date:

2014.05.03

Last Calib.: 2014.05.03

Start Time: 22:09:40

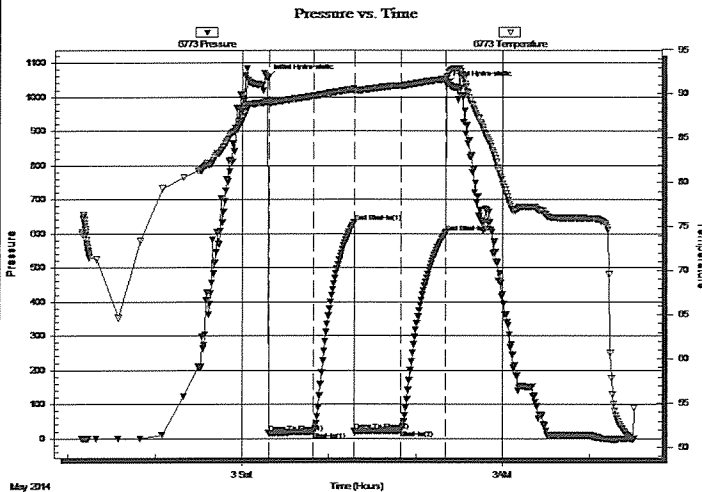
End Time:

04:30:34

Time On Btm: 2014.05.03 @ 00:17:50

Time Off Btm: 2014.05.03 @ 02:20:50

TEST COMMENT: IF: Weak blow . Surf., - 1/2".
IS: No blow .
FF: No blow .
FS: No blow .



PRESSURE SUMMARY

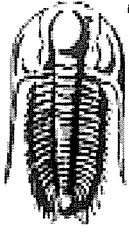
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1056.29	89.13	Initial Hydro-static
1	16.28	88.93	Open To Flow (1)
32	19.22	89.75	Shut-In(1)
60	633.63	90.53	End Shut-In(1)
60	20.52	90.23	Open To Flow (2)
92	23.48	90.92	Shut-In(2)
123	603.07	91.69	End Shut-In(2)
123	1034.52	91.92	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
20.00	DRLG. Mud 100% m	0.10

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Palomino Petroleum, Inc.

24-23s-3e Butler, KS

4924 SE 84th St.
Newton, KS 67114

Paulson #1

Job Ticket: 52010

DST#: 1

ATTN: Nicholas Gerstner

Test Start: 2014.05.02 @ 22:09:35

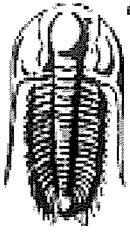
Tool Information

Drill Pipe:	Length: 1917.00 ft	Diameter: 3.80 inches	Volume: 26.89 bbl	Tool Weight: 2400.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 26000.00 lb
Drill Collar:	Length: 300.00 ft	Diameter: 2.25 inches	Volume: 1.48 bbl	Weight to Pull Loose: 60000.00 lb
			<u>Total Volume: 28.37 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	25.00 ft			String Weight: Initial 58000.00 lb
Depth to Top Packer:	2220.00 ft			Final 60000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	70.00 ft			
Tool Length:	98.00 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			2193.00	
Shut In Tool	5.00			2198.00	
Hydraulic tool	5.00			2203.00	
Jars	5.00			2208.00	
Safety Joint	3.00			2211.00	
Packer	4.00			2215.00	28.00 Bottom Of Top Packer
Packer	5.00			2220.00	
Stubb	1.00			2221.00	
Recorder	0.00	6719	Outside	2221.00	
Recorder	0.00	6773	Outside	2221.00	
Perforations	2.00			2223.00	
Change Over Sub	1.00			2224.00	
Blank Spacing	62.00			2286.00	
Change Over Sub	1.00			2287.00	
Bullnose	3.00			2290.00	70.00 Bottom Packers & Anchor

Total Tool Length: 98.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Palomino Petroleum, Inc.

24-23s-3e Butler, KS

4924 SE 84th St.
New ton, KS 67114

Paulson #1

Job Ticket: 52010

DST#: 1

ATTN: Nicholas Gerstner

Test Start: 2014.05.02 @ 22:09:35

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: 33.00 sec/qt

Cushion Volume: bbl

Water Loss: 11.97 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure: psig

Salinity: 1100.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
20.00	DRLG. Mud 100%m	0.098

Total Length: 20.00 ft Total Volume: 0.098 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #: none

Laboratory Name:

Laboratory Location:

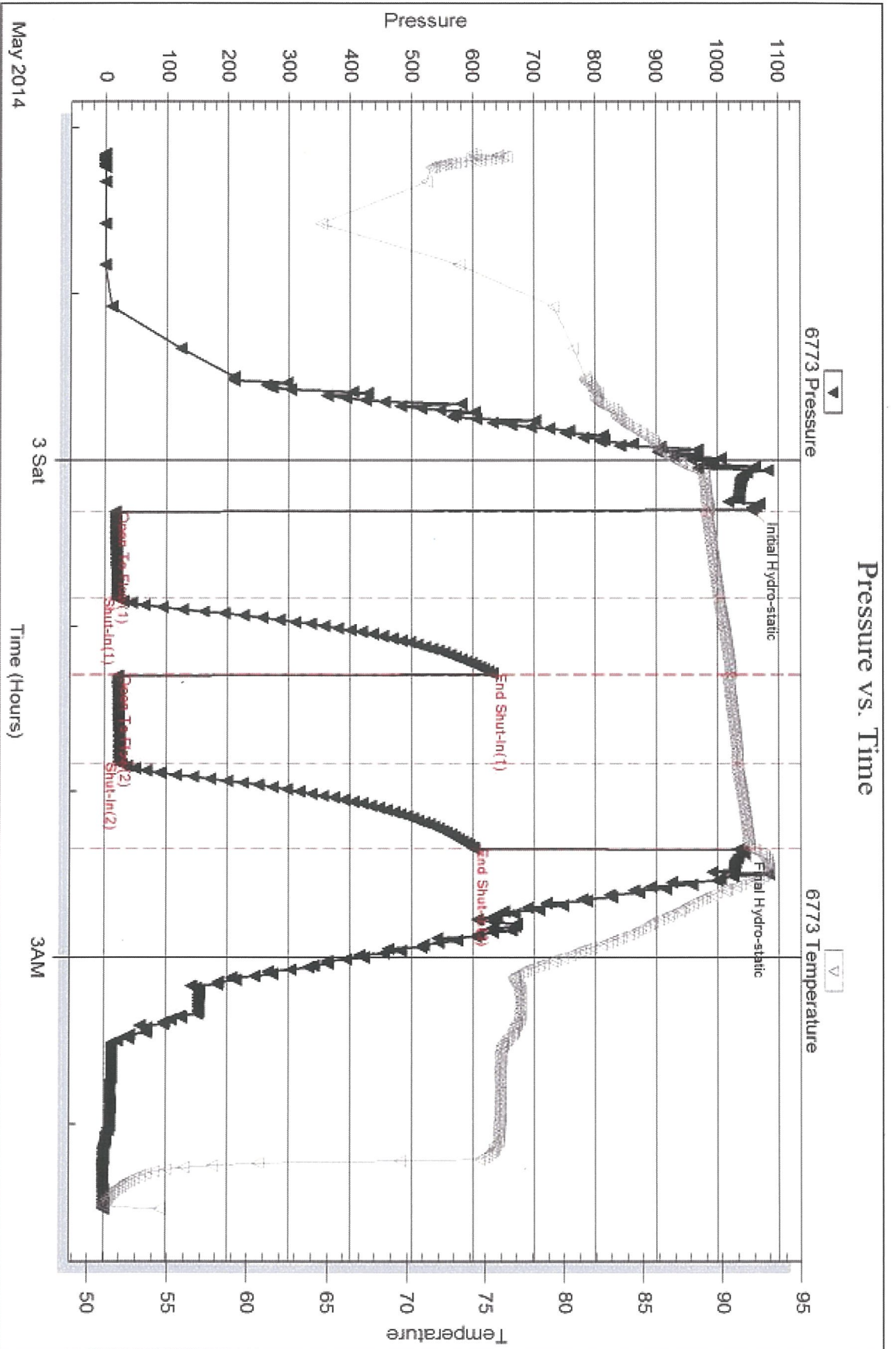
Recovery Comments:

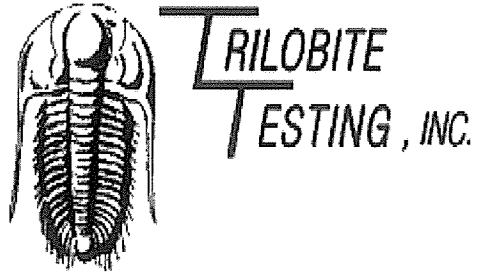
Serial #: 6773

Outside Palomino Petroleum, Inc.

Paulson #1

DST Test Number: 1





DRILL STEM TEST REPORT

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

4924 SE 84th St.
Newton, KS 67114

ATTN: Nicholas Gerstner

Paulson #1

24-23s-3e Butler,KS

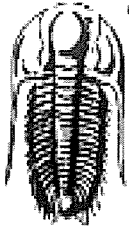
Start Date: 2014.05.03 @ 17:41:58

End Date: 2014.05.03 @ 23:49:28

Job Ticket #: 52011 DST #: 2

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

Printed: 2014.05.06 @ 14:12:47



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Palomino Petroleum, Inc.

24-23s-3e Butler, KS

4924 SE 84th St.
Newton, KS 67114

Paulson #1

Job Ticket: 52011

DST#: 2

ATTN: Nicholas Gerstner

Test Start: 2014.05.03 @ 17:41:58

GENERAL INFORMATION:

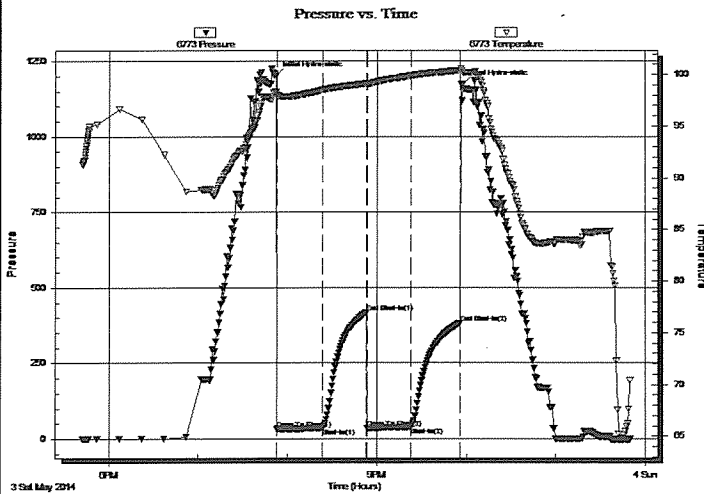
Formation: **Mississippi**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 19:52:58
 Time Test Ended: 23:49:28
 Interval: **2442.00 ft (KB) To 2491.00 ft (KB) (TVD)**
 Total Depth: 2491.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Matt Smith
 Unit No: 53
 Reference Elevations: 1393.00 ft (KB)
 1384.00 ft (CF)
 KB to GR/CF: 9.00 ft

Serial #: 6773

Outside

Press@RunDepth: 38.35 psig @ 2443.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2014.05.03 End Date: 2014.05.03 Last Calib.: 2014.05.04
 Start Time: 17:42:03 End Time: 23:49:27 Time On Btm: 2014.05.03 @ 19:52:28
 Time Off Btm: 2014.05.03 @ 21:57:43

TEST COMMENT: IF: Weak blow . Surf., to 1/2".
 IS: No blow .
 FF: No blow .
 FS: No blow .



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1202.04	98.28	Initial Hydro-static
1	32.18	98.03	Open To Flow (1)
31	34.95	98.51	Shut-In(1)
61	417.13	99.13	End Shut-In(1)
61	35.53	99.07	Open To Flow (2)
91	38.35	99.87	Shut-In(2)
124	382.96	100.41	End Shut-In(2)
126	1175.12	100.17	Final Hydro-static

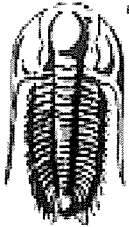
Recovery

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

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Palomino Petroleum, Inc.

24-23s-3e Butler,KS

4924 SE 84th St.
New ton, KS 67114

Paulson #1

Job Ticket: 52011

DST#: 2

ATTN: Nicholas Gerstner

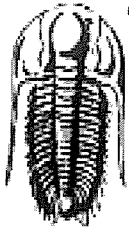
Test Start: 2014.05.03 @ 17:41:58

Tool Information

Drill Pipe:	Length: 2136.00 ft	Diameter: 3.80 inches	Volume: 29.96 bbl	Tool Weight: 2400.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 26000.00 lb
Drill Collar:	Length: 300.00 ft	Diameter: 2.25 inches	Volume: 1.48 bbl	Weight to Pull Loose: 62000.00 lb
			<u>Total Volume: 31.44 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	22.00 ft			String Weight: Initial 60000.00 lb
Depth to Top Packer:	2442.00 ft			Final 60000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	49.00 ft			
Tool Length:	77.00 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			2415.00	
Shut In Tool	5.00			2420.00	
Hydraulic tool	5.00			2425.00	
Jars	5.00			2430.00	
Safety Joint	3.00			2433.00	
Packer	4.00			2437.00	28.00 Bottom Of Top Packer
Packer	5.00			2442.00	
Stubb	1.00			2443.00	
Recorder	0.00	6719	Outside	2443.00	
Recorder	0.00	6773	Outside	2443.00	
Perforations	2.00			2445.00	
Change Over Sub	1.00			2446.00	
Blank Spacing	32.00			2478.00	
Change Over Sub	1.00			2479.00	
Perforations	9.00			2488.00	
Bullnose	3.00			2491.00	49.00 Bottom Packers & Anchor
Total Tool Length:	77.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Palomino Petroleum, Inc.

24-23s-3e Butler,KS

4924 SE 84th St.
Newton, KS 67114

Paulson #1

Job Ticket: 52011

DST#: 2

ATTN: Nicholas Gerstner

Test Start: 2014.05.03 @ 17:41:58

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: 50.00 sec/qt

Cushion Volume: bbl

Water Loss: 12.48 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure: psig

Salinity: 1800.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	Drlg mud 100%m	0.025

Total Length: 5.00 ft Total Volume: 0.025 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial#: none

Laboratory Name:

Laboratory Location:

Recovery Comments:

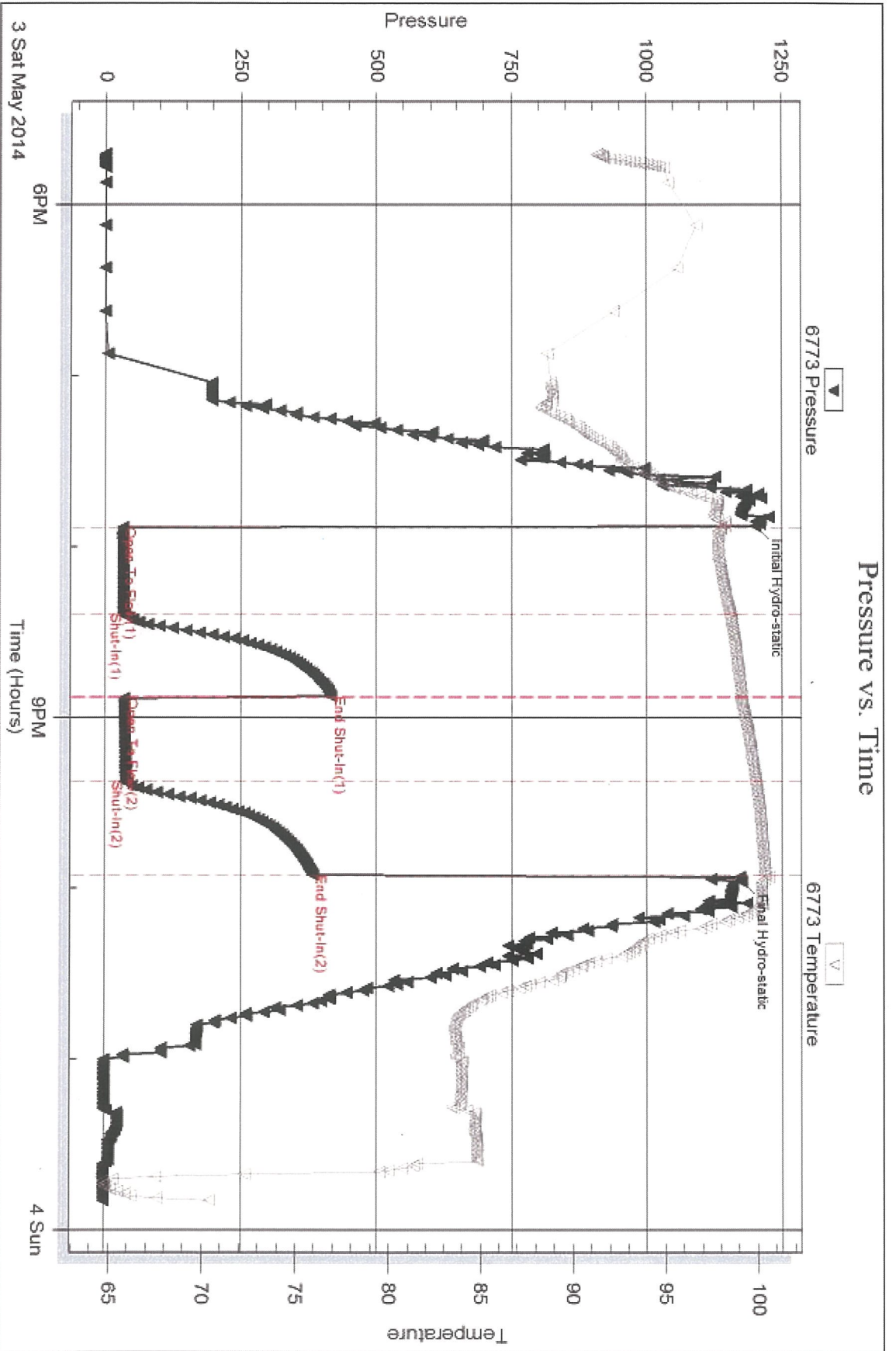
Serial #: 6773

Outside

Palomino Petroleum, Inc.

Paulson #1

DST Test Number: 2



Triobite Testing, Inc

Ref. No: 52011

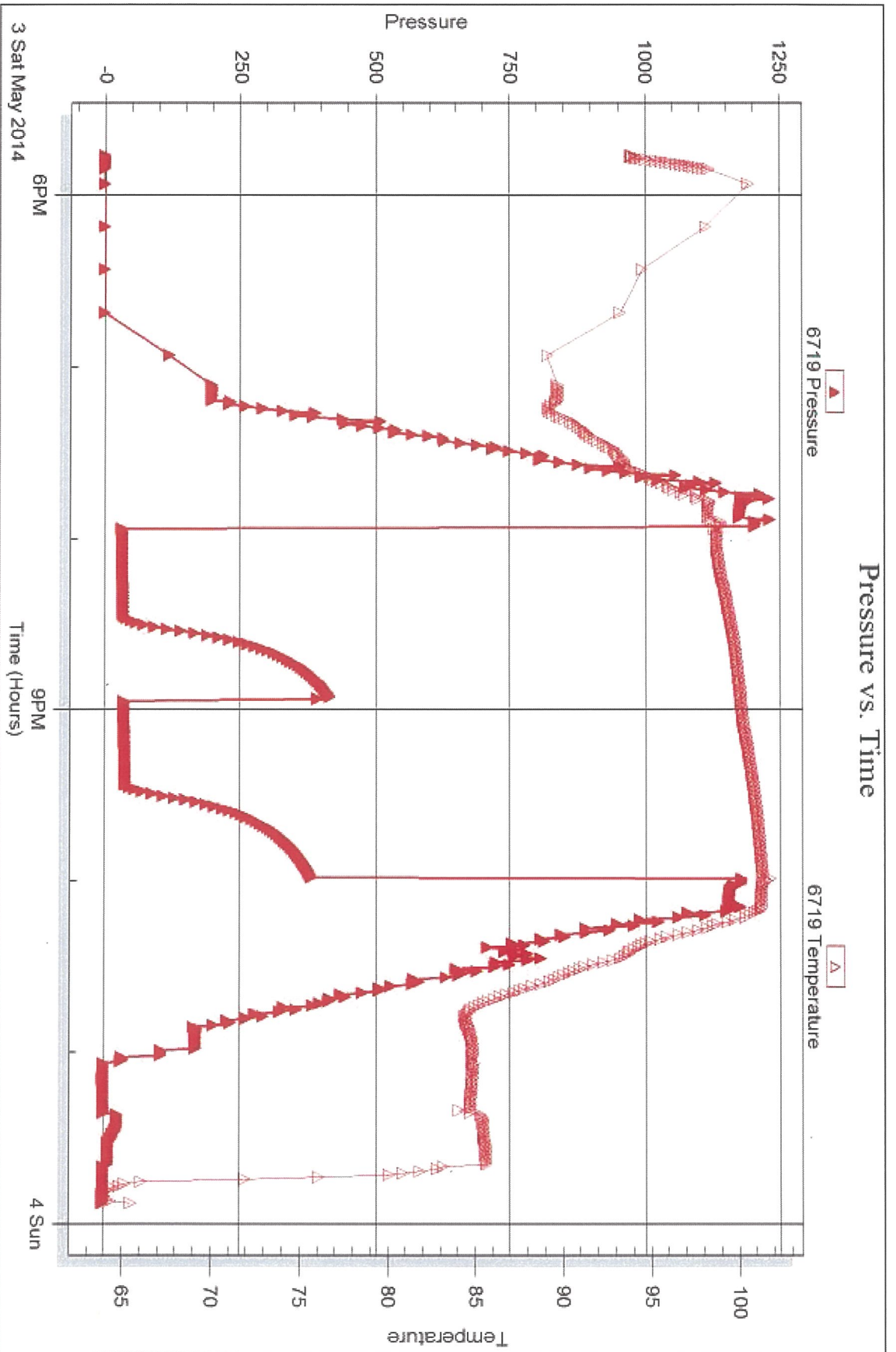
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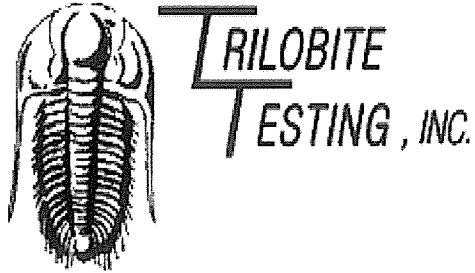
Serial #: 6719

Outside Palomino Petroleum, Inc.

Paulson #1

DST Test Number: 2





DRILL STEM TEST REPORT

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

4924 SE 84th St.
Newton, KS 67114

ATTN: Nicholas Gerstner

Paulson #1

24-23s-3e Butler,KS

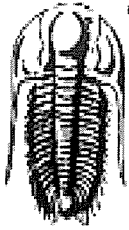
Start Date: 2014.05.04 @ 04:40:43

End Date: 2014.05.04 @ 11:15:13

Job Ticket #: 52012 DST #: 3

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

Printed: 2014.05.06 @ 14:11:52



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Palomino Petroleum, Inc.

24-23s-3e Butler, KS

4924 SE 84th St.
Newton, KS 67114

Paulson #1

Job Ticket: 52012

DST#: 3

ATTN: Nicholas Gerstner

Test Start: 2014.05.04 @ 04:40:43

GENERAL INFORMATION:

Formation: **Mississippi**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 06:59:58

Time Test Ended: 11:15:13

Test Type: Conventional Bottom Hole (Reset)

Tester: Matt Smith

Unit No: 53

Interval: **2442.00 ft (KB) To 2514.00 ft (KB) (TVD)**

Reference Elevations: 1393.00 ft (KB)

Total Depth: 2514.00 ft (KB) (TVD)

1384.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 9.00 ft

Serial #: 6773

Outside

Press@RunDepth: 36.87 psig @ 2443.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.05.04

End Date:

2014.05.04

Last Calib.: 2014.05.04

Start Time: 04:40:48

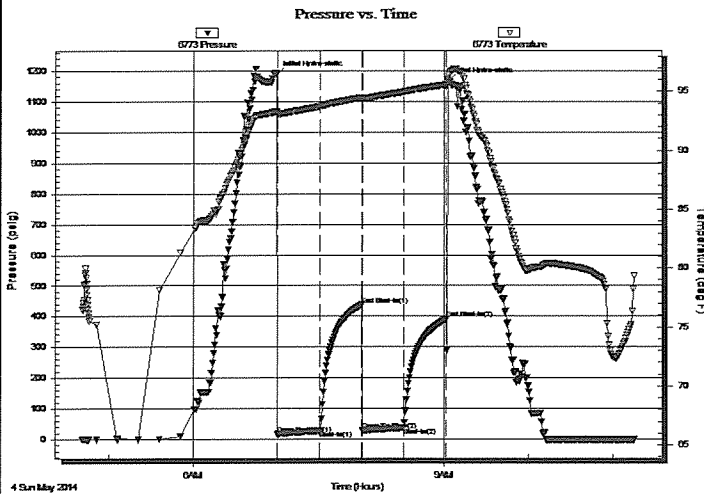
End Time:

11:15:12

Time On Btm: 2014.05.04 @ 06:59:28

Time Off Btm: 2014.05.04 @ 09:02:28

TEST COMMENT: IF: Weak blow . Surf., to 1/4".
ISI: No blow .
FF: Weak blow . Surf., to 1/4".
FSI: No blow .



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1187.37	93.29	Initial Hydro-static
1	16.61	93.00	Open To Flow (1)
32	27.30	93.73	Shut-In(1)
61	437.07	94.47	End Shut-In(1)
62	28.64	94.42	Open To Flow (2)
91	36.87	94.95	Shut-In(2)
122	391.13	95.57	End Shut-In(2)
123	1164.95	95.99	Final Hydro-static

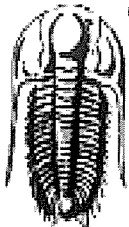
Recovery

Length (ft)	Description	Volume (bbl)

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Palomino Petroleum, Inc.

24-23s-3e Butler, KS

4924 SE 84th St.
Newton, KS 67114

Paulson #1

Job Ticket: 52012

DST#: 3

ATTN: Nicholas Gerstner

Test Start: 2014.05.04 @ 04:40:43

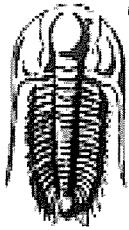
Tool Information

Drill Pipe:	Length: 2136.00 ft	Diameter: 3.80 inches	Volume: 29.96 bbl	Tool Weight: 2400.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 26000.00 lb
Drill Collar:	Length: 300.00 ft	Diameter: 2.25 inches	Volume: 1.48 bbl	Weight to Pull Loose: 65000.00 lb
			<u>Total Volume: 31.44 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	22.00 ft			String Weight: Initial 64000.00 lb
Depth to Top Packer:	2442.00 ft			Final 64000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	72.00 ft			
Tool Length:	100.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			2415.00	
Shut In Tool	5.00			2420.00	
Hydraulic tool	5.00			2425.00	
Jars	5.00			2430.00	
Safety Joint	3.00			2433.00	
Packer	4.00			2437.00	28.00 Bottom Of Top Packer
Packer	5.00			2442.00	
Stubb	1.00			2443.00	
Recorder	0.00	6719	Outside	2443.00	
Recorder	0.00	6773	Outside	2443.00	
Perforations	2.00			2445.00	
Change Over Sub	1.00			2446.00	
Blank Spacing	63.00			2509.00	
Change Over Sub	1.00			2510.00	
Perforations	1.00			2511.00	
Bullnose	3.00			2514.00	72.00 Bottom Packers & Anchor
Total Tool Length:	100.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Palomino Petroleum, Inc.

24-23s-3e Butler, KS

4924 SE 84th St.
New ton, KS 67114

Paulson #1

Job Ticket: 52012

DST#: 3

ATTN: Nicholas Gerstner

Test Start: 2014.05.04 @ 04:40:43

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: 1800 ppm

Viscosity: 50.00 sec/qt

Cushion Volume: bbl

Water Loss: 12.48 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure: psig

Salinity: 1800.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl

Total Length: ft Total Volume: 0.049 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #: none

Laboratory Name:

Laboratory Location:

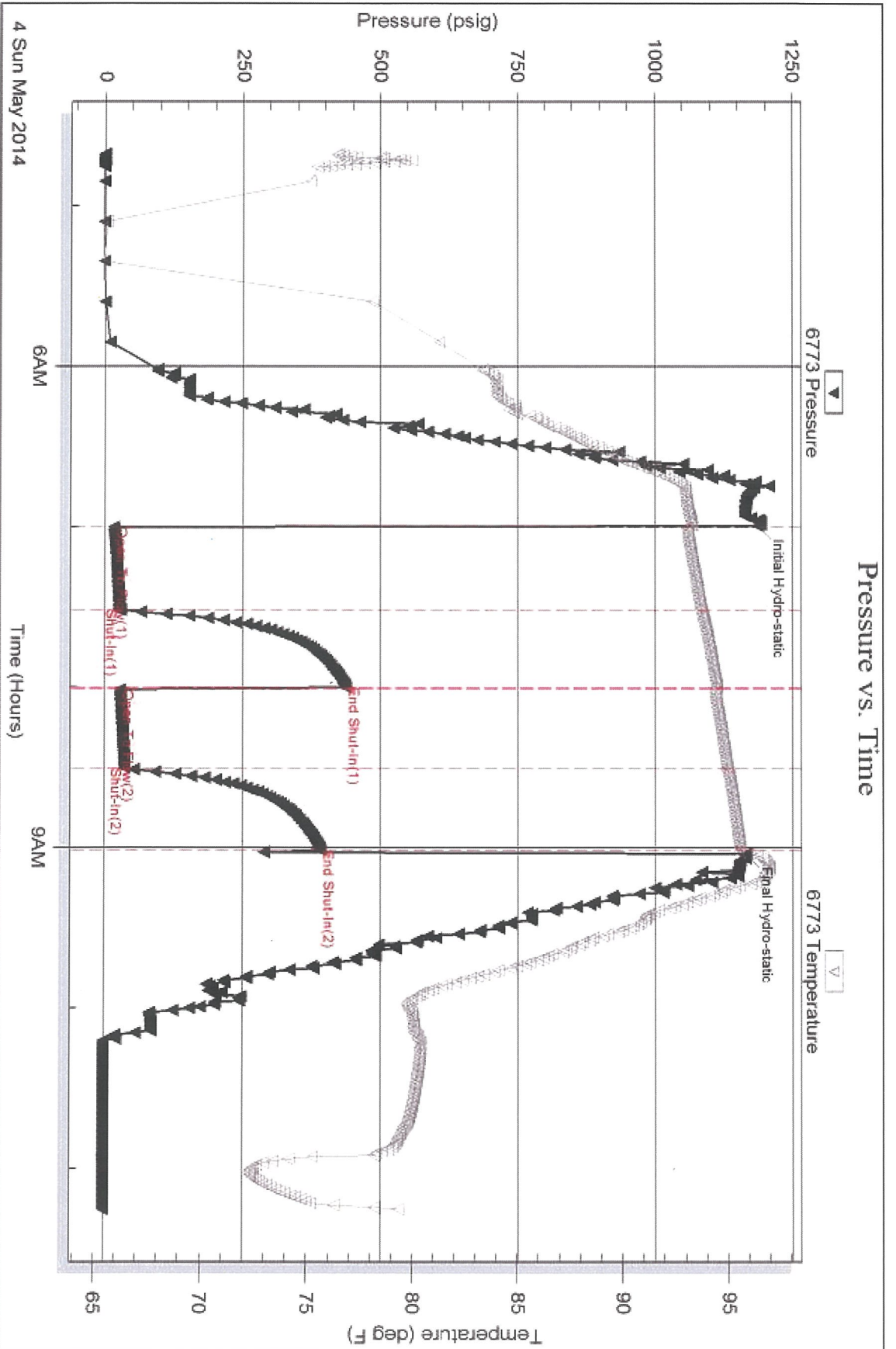
Recovery Comments:

Serial #: 6773

Outside Palomino Petroleum, Inc.

Paulson #1

DST Test Number: 3



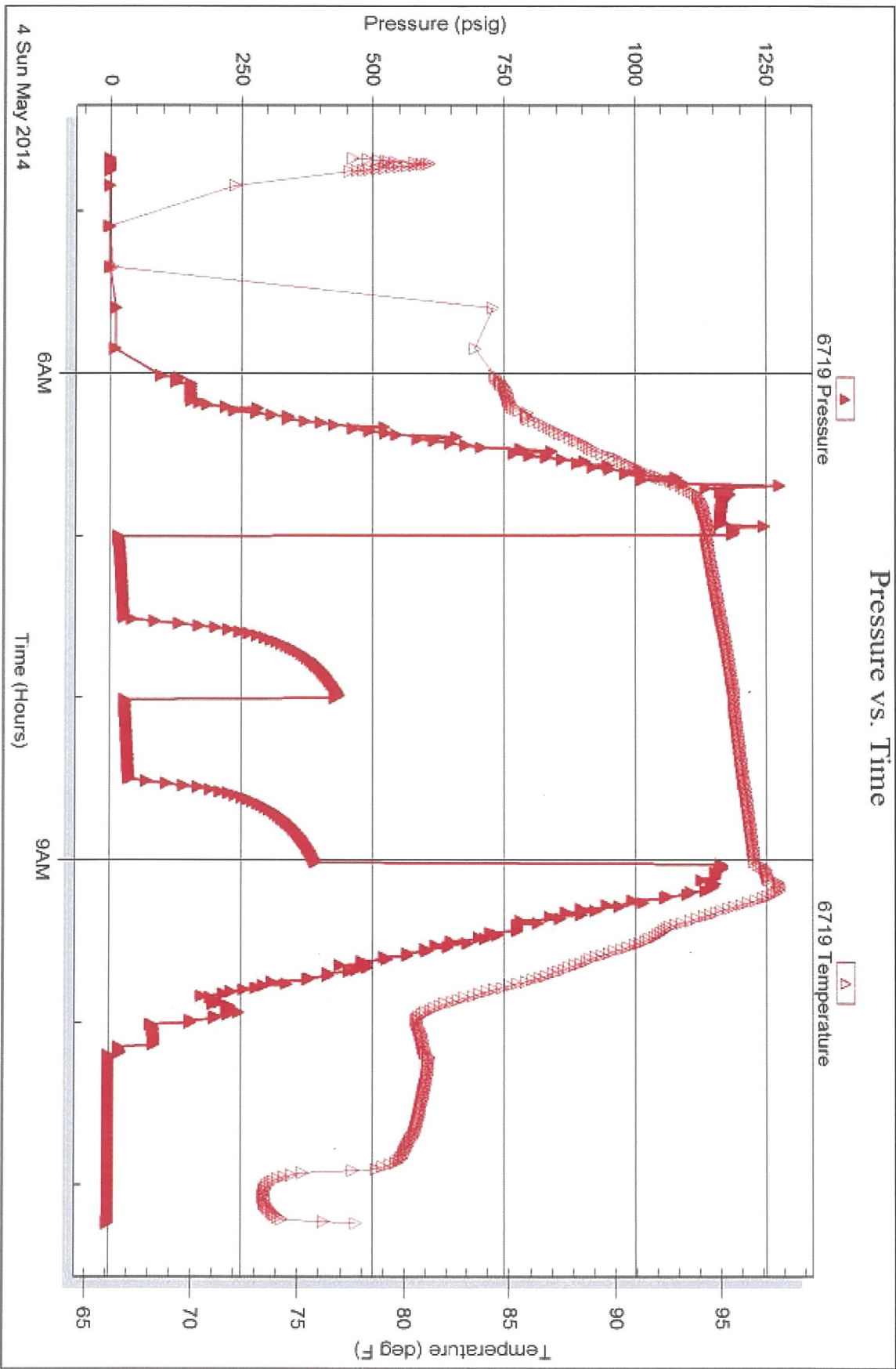
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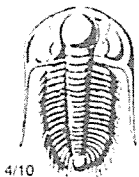
Outside

Palomino Petroleum, Inc.

Paulson #1

DST Test Number: 3





TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 52010

Well Name & No. Paulson #1 Test No. 1 Date 5/2/14
 Company Palomino Petroleum, Inc. Elevation 1393 KB 1384 GL
 Address 4924 SE 84th St, Newton, Ks. 67114
 Co. Rep / Geo. Nicholas Gerstner Rig C&G Rig #2
 Location: Sec. 24 Twp. 23s Rge. 3e Co. Butler State Ks.

Interval Tested 2220 - 2290 Zone Tested Lower "KC"
 Anchor Length 70' Drill Pipe Run 1917 Mud Wt. 9.1
 Top Packer Depth 2215 Drill Collars Run 300 Vis 33
 Bottom Packer Depth 2220 Wt. Pipe Run Q WL 12
 Total Depth 2290 Chlorides 1,100 ppm System LCM 3⁺

Blow Description IF: Weak blow. Surf. - 1/2"

ISI: No blow.

FF: No blow.

FST: No blow.

Rec	Feet of	%gas	%oil	%water	%mud
<u>20</u>	<u>DRUG MUD</u>			<u>100</u>	
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

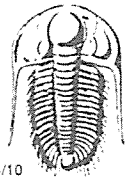
Rec Total 20' BHT 92° Gravity N.C. API RW — @ N.A. °F Chlorides 1,100 ppm

(A) Initial Hydrostatic 1056 Test 1150 T-On Location 2135
 (B) First Initial Flow 16 Jars 250 T-Started 2209
 (C) First Final Flow 19 Safety Joint 75 T-Open 0018
 (D) Initial Shut-In 634 Circ Sub _____ T-Pulled 0220
 (E) Second Initial Flow 21 Hourly Standby _____ T-Out 0430
 (F) Second Final Flow 23 Mileage 202 313.10 Comments On Bank @ 10:30.
 (G) Final Shut-In 603 Sampler _____ From Geo/4 Office.
 (H) Final Hydrostatic 1035 Straddle _____ *motel stay in Newton, Ks. (concrete)

Initial Open 30 Ruined Shale Packer _____
 Initial Shut-In 30 Ruined Packer _____
 Final Flow 30 Extra Packer _____
 Final Shut-In 30 Extra Recorder _____ Sub Total 0
 Day Standby _____ Total 1788.10
 Accessibility _____ MP/DST Disc't _____
 Sub Total 1788.10

Approved By _____ Our Representative Nicholas Gerstner

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. 52011

Well Name & No. Paulson #1 Test No. 2 Date 5/3/14
 Company Palomino Petroleum, Inc. Elevation 1393 KB 1384 GL
 Address 4924 SE 84th St. Newton, Ks. 67114
 Co. Rep / Geo. Nicholas Gerstner Rig C+G Rig # 2
 Location: Sec. 24 Twp. 23 S Rge. 3 E Co. Butler State Ks.

Interval Tested 2442 - 2491 Zone Tested Mississippi
 Anchor Length 49' Drill Pipe Run 2136 Mud Wt. 9.2
 Top Packer Depth 2437 Drill Collars Run 300 Vis 50
 Bottom Packer Depth 2442 Wt. Pipe Run 2 WL 12.5
 Total Depth 2491 Chlorides 1,800 ppm System LCM 2.5 #

Blow Description IF: Weak blow. Surf., - 1/2".

ISI: No blow.

FF: No blow.

FSI: No blow.

Rec	Feet of	%gas	%oil	%water	%mud
<u>5'</u>	<u>DPLG mud</u>			<u>100</u>	
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 5' BHT 100° Gravity N.C. API RW — @ N.A. F Chlorides 1,800 ppm

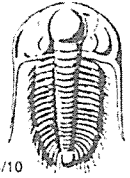
(A) Initial Hydrostatic 1202 Test 1150 T-On Location 1730
 (B) First Initial Flow 32 Jars 250 T-Started 1741
 (C) First Final Flow 35 Safety Joint 75 T-Open 1952
 (D) Initial Shut-In 417 Circ Sub _____ T-Pulled 2155
 (E) Second Initial Flow 36 Hourly Standby _____ T-Out 2349
 (F) Second Final Flow 38 Mileage 202.7 313.10 Comments * motel stay in Newton, Ks
 (G) Final Shut-In 383 Sampler _____ Econolodge.
 (H) Final Hydrostatic 1175 Straddle _____ Ruined Shale Packer _____

Initial Open 30 Shale Packer _____ Ruined Packer _____
 Initial Shut-In 30 Extra Packer _____ Extra Copies _____
 Final Flow 30 Extra Recorder _____ Sub Total 0
 Final Shut-In 30 Day Standby _____ Total 1788.10
 Accessibility _____ MP/DST Disc't _____

Sub Total 1788.10

Approved By _____

Our Representative [Signature]



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 52012

Well Name & No. Paulson #1 Test No. 3 Date 5/4/14
 Company Palomino Petroleum, Inc. Elevation 1393 KB 1384 GL
 Address 4924 SE 84th St. Newton, Ks. 67114
 Co. Rep / Geo. Nicholas Gerstner Rig Cat G Rig # 2
 Location: Sec. 24 Twp. 23s Rge. 3e Co. Butler State KS.

Interval Tested 2442 - 2514 Zone Tested Mississippi
 Anchor Length 72' Drill Pipe Run 2131 Mud Wt. 9.2
 Top Packer Depth 2437 Drill Collars Run 300 Vis 50
 Bottom Packer Depth 2442 Wt. Pipe Run Q WL 12.5
 Total Depth 2514 Chlorides 1,800 ppm System LCM 2.5th
 Blow Description IF: Weak blow. Surf. - 1/4"

ISI: No blow.
 FF: Weak blow. Surf. - 1/4"
 FSI: No blow.

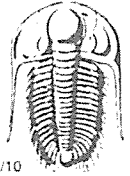
Rec	Feet of	%gas	%oil	%water	%mud
<u>10'</u>	<u>Drk mud</u>			<u>100</u>	
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 10' BHT 96° Gravity N.C. API RW N.A @ — °F Chlorides 1,800 ppm
 (A) Initial Hydrostatic 1187 Test 1150 T-On Location D430
 (B) First Initial Flow 17 Jars 250 T-Started 0440
 (C) First Final Flow 27 Safety Joint 75 T-Open 0700
 (D) Initial Shut-In 437 Circ Sub _____ T-Pulled 0902
 (E) Second Initial Flow 29 Hourly Standby _____ T-Out 1115
 (F) Second Final Flow 37 Mileage (202) 313.10 Comments * motel stay Newton, ks.
 (G) Final Shut-In 391 Sampler _____ Econology *
 (H) Final Hydrostatic 1165 Straddle _____ Ruined Shale Packer _____
 Shale Packer _____ Ruined Packer _____
 Extra Packer _____ Extra Copies _____
 Extra Recorder _____ Sub Total 0
 Day Standby _____ Total 1788.10
 Accessibility _____ MP/DST Disc't _____

Initial Open 30
 Initial Shut-In 30
 Final Flow 30
 Final Shut-In 30
 Sub Total 1788.10

Approved By _____ Our Representative [Signature]

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



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 52013

Well Name & No. Paulson #1 Test No. — Date 5/5/14
 Company Palomino Petroleum, Inc. Elevation _____ KB _____ GL _____
 Address 4924 SE 84th St. Newton, KS, 67114
 Co. Rep / Geo. Nicholas Gerstner Rig C & G Rig #2
 Location: Sec. 24 Twp. 23s Rge. 3e Co. Butler State KS.

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

Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

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

(A) Initial Hydrostatic _____ Test _____ T-On Location _____
 (B) First Initial Flow _____ Jars _____ T-Started _____
 (C) First Final Flow _____ Safety Joint _____ T-Open _____
 (D) Initial Shut-In _____ Circ Sub _____ T-Pulled _____
 (E) Second Initial Flow _____ Hourly Standby _____ T-Out _____
 (F) Second Final Flow _____ Mileage 2024 313.10
 (G) Final Shut-In _____ Sampler _____
 (H) Final Hydrostatic _____ Straddle _____
 Shale Packer _____
 Extra Packer _____
 Extra Recorder _____
 Day Standby 24 hrs + 9 hrs more
 Accessibility _____

Sub Total 313.10

*Comments Released @ 8:20 pm 5/5/14
 picked up tool. NO test after
 5/4/14

Approved By _____ Our Representative Matthew A. Smith

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.