

Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1322595
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: _____

1322595



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> _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	Palomino Petroleum, Inc.
Well Name	DANFIELD 22 1
Doc ID	1322595

All Electric Logs Run

Array Compensation
Borehole Sonic Array
Micro
Spectral Density Dual Spaced Neutron

Form	ACO1 - Well Completion
Operator	Palomino Petroleum, Inc.
Well Name	DANFIELD 22 1
Doc ID	1322595

Tops

Name	Top	Datum
Anhy.	2234	(+842)
Base Anhy.	2248	(+828)
Heebner	3927	(-851)
Lansing	3978	(-902)
BKC	4424	(-1348)
Marmaton	4465	(-1389)
Pawnee	4536	(-1460)
Ft. Scott	4566	(-1490)
Cherokee Sh.	4578	(-1502)
Morrow Sh.	4766	(-1690)
Miss.	4848	(-1772)
LTD	5023	(-1947)



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

RECEIVED

NOV 13 2016

MAIN OFFICE

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

Invoice

Invoice#

808908

Invoice Date: 10/31/16

Terms: Net 30

Page 1

PALOMINO PETROLEUM, INC.

4924 SE 84TH STREET
 NEWTON KS 67114-8827
 USA

DANFIELD 22-1

Tax: 234.87

Total: 4,839.75



CONSOLIDATED
Oil Well Services, LLC

6928
6828

TICKET NUMBER 51630

LOCATION Oakley Ks

FOREMAN Walt Dunkel

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

FIELD TICKET & TREATMENT REPORT
CEMENT

Invoice #808908

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY			
10-27-16	6285	Dan Field 22-1	22	20 ^S	34 ^W	Scott			
CITY		STATE	ZIP CODE	CITY					
Newton		KS	67114-9821	Scott City					
MAILING ADDRESS		TRUCK #		DRIVER		TRUCK #		DRIVER	
4924 SE 9th Street		731		Cory Davis		792-7129		Walt Dunkel	

JOB TYPE PTA HOLE SIZE 7 7/8 HOLE DEPTH _____ CASING SIZE & WEIGHT _____
 CASING DEPTH _____ DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT _____ SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING _____
 DISPLACEMENT _____ DISPLACEMENT PSI _____ MIX PSI _____ RATE _____

REMARKS: Safety Meeting, Rig up on WLD #14, Plug as ordered

- 50 SKS @ 2260'
- 80 SKS @ 1250'
- 50 SKS @ 660'
- 40 SKS @ 250'
- 20 SKS @ 60'
- 20 SKS in MIT
- 30 SKS in R.H.

Thank You
Walt & crew

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
CC0451	1	PUMP CHARGE	1900.00	1,900.00
CC0002	50	MILEAGE	7.15	357.50
CC0710	12.47	Ton Mileage Delivery	17.5	1,091.00
CC5829	290 SKS	Lite-Weight Blend V	16.00	4,640.00
CC6075	73#	Flo-Seal	3.00	219.00
CP8228	1	8 5/8 wooden Plug	165.00	165.00
				8,372.50
		Less	45%	- 3,767.63
				4,604.87
			SALES TAX	234.89
			ESTIMATED TOTAL	4839.75

Flavin 3737

AUTHORIZATION Noel Pura TITLE toolpusher DATE 10-27-16

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.

TERMS

In consideration of the prices to be charged for Consolidated Oil Well Services, LLC (COWS) services, equipment and products and for the performance of services and supplying of materials, Customer agrees to the following terms and conditions.

Terms. Cash in advance unless satisfactory credit is established. On credit sales, invoices are payable within 30 days of the invoice date. On all invoices not paid within 30 days, Customer agrees to pay COWS interest at the rate of 18% per annum or the maximum rate allowed by law, whichever is higher. In the event COWS retains an attorney to pursue collection of any account, Customer agrees to pay all collection costs and attorney's fees incurred by COWS.

Any applicable federal, state or local sales, use occupation, consumer's or emergency taxes shall be added to the quoted price. All process license fees required to be paid to others will be added to the scheduled prices.

All COWS' prices are subject to change without notice.

SERVICE CONDITIONS

Customer warrants that the well is in proper condition to receive the services, equipment, products and materials to be supplied by COWS. The Customer shall at all time have complete care, custody, and control of the well, the drilling and production equipment at the well, and the premises about the well. A responsible representative of the Customer shall be present to specify depths, pressures, or materials used for any service which is to be performed.

(a) COWS shall not be responsible for any claim, cause of action or demand (hereinafter referred to as a 'claim') for damage to property, or injury to or death of employees and representatives, of Customer or the well owner (if different from Customer), unless such damage, injury or death is caused by the willful misconduct or gross negligence of COWS, including but not limited to sub-surface damage and surface damage arising from sub-surface damage.

(b) Unless a claim is the result of the sole willful misconduct or gross negligence of COWS, Customer shall be responsible for and indemnify and hold COWS harmless from any claim for: (1) reservoir loss or damage, or property damage resulting from sub-surface pressure, losing control of the well and/or a well blowout; (2) damages as a result of a subsurface trespass, or an action in the nature thereof, arising from a service operation performed by COWS; (3) injury to or death of persons, other than employees of COWS, or damage to property (including, but not limited to, injury to the well), or any damages whatsoever, irrespective of cause, growing out of or in any way connected with the use of radioactive material in the well hole; and (4) well damage or reservoir damage caused by (i) loss of circulation, cement invasion, cement misplacement, pumping cement or cement plugs on wells with loss of circulation, including the failure to displace plug to proper depth, (ii) sub-surface pressure and resulting failure to complete pumping of cement or cement plug, including dehydration of cement slurry or flashing, plugged float shoe, annulus bridging or plugging, or (iii) down hole tools being lost or left in the well, or becoming stuck in the well for any reason and by any cause. COWS may furnish down hole tools and may supply supervision for the running and placement of such tools but will not be liable for any damage, loss or result caused by the use of such tools.

Furthermore, Customer will be responsible for the cost to replace such tools if they are lost or left in the well.

(c) COWS makes no guarantee of the effectiveness of any COWS' products, supplies or materials, or the results of any COWS' treatment or services.

(d) Because of the uncertainty of variable well conditions and the necessity of relying on facts and supporting services furnished by others, COWS is unable to guarantee the accuracy of any chart interpretation, research analysis, job recommendation or other data furnished by COWS. COWS' personnel will use their best efforts in gathering such information and their best judgement in interpreting it, but Customer agrees that COWS shall not be responsible for any damage arising from the use of such information except where due to COWS' gross negligence or willful misconduct in the preparation or furnishing of it.

(e) COWS may buy and re-sell to Customer down hole equipment, including but not limited to float equipment, DV tools, port collars, type A & B packers, and Customer agrees that COWS is not an agent or dealer for the companies who manufacture such items, and further agrees that Customer shall be solely responsible for and indemnify COWS against any claim with regard to the effectiveness, malfunction of, or functionality of such items.

WARRANTIES - LIMITATION OF LIABILITY

COWS warrants title to the products, supplies and materials, and that the same are free from defects in workmanship and materials. THERE ARE NO OTHER WARRANTIES, EXPRESS OR IMPLIED, NOR ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR PURPOSE, WHICH EXTEND BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE. COWS's liability and Customer's exclusive remedy in any claim (whether in contract, tort, breach of warranty or otherwise,) arising out of the sale or use of any COWS' products, supplies, materials or services is expressly limited to the replacement of such products, supplies, materials or services or their return to COWS or, at COWS' option, an allowance to Customer of credit for the cost of such items.

Customer waives and releases all claims against COWS for any, special, incidental, indirect, consequential or punitive damages.



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

RECEIVED
 OCT 26 2016

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

Invoice

Invoice#

808839

Invoice Date: 10/21/16

Terms: Net 30

Page 1

PALOMINO PETROLEUM, INC.

4924 SE 84TH STREET
 NEWTON KS 67114-8827
 USA

Dan Field 22-1

Part No	Description	Quantity	Unit Price	Discount(%)	Total
CE0471	Cement Pump Charge 301' - 500' (Coalbed/Methane)	1.000	1,150.0000	45.000	632.50
CE0002	Equipment Mileage Charge - Heavy Equipment	50.000	7.1500	45.000	196.63
CE0710	Cement Delivery Charge	388.000	1.7500	45.000	373.45
CC5871	Surface Blend II, 2% Gel/3% CaCl	165.000	23.0000	45.000	2,087.25

Subtotal 5,981.50

Discounted Amount 2,691.68

SubTotal After Discount 3,289.82

Amount Due 6,304.08 If paid after 11/20/16

Tax: 177.42

Total: 3,467.25



CONSOLIDATED
Oil Well Services, LLC

6866/6768

TICKET NUMBER 51626
LOCATION Oakleys
FOREMAN Walt Dunkel

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

FIELD TICKET & TREATMENT REPORT
CEMENT

Invoice # 808899

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY	
10-17-16	6285	Dan Field 22-1	22	20	34	Scott	
CUSTOMER <u>Palomino Petroleum</u>		Scott City South to Rd 40 West to Dakota El 2-5		TRUCK# <u>731</u>	DRIVER <u>miles Shaw</u>	TRUCK# <u>172-T-129</u>	DRIVER <u>Kieth</u>
MAILING ADDRESS <u>4924 SE 94th Street</u>		CITY <u>Nathan</u>	STATE <u>ks</u>	ZIP CODE <u>67114-8000</u>			

JOB TYPE Surface HOLE SIZE 12 1/4 HOLE DEPTH 224 CASING SIZE & WEIGHT 8 7/8 24#
 CASING DEPTH 224 DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT 15.2 SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT In CASING 15'-20'
 DISPLACEMENT 13.0 DISPLACEMENT PSI _____ MIX PSI _____ RATE 4 BPM

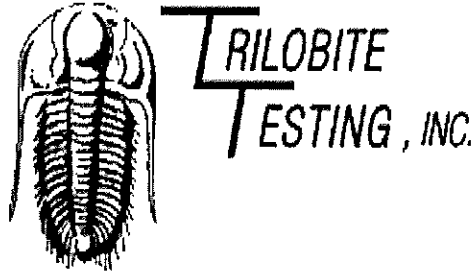
REMARKS: Safety meeting, Rig up on Well #14,
Circ casing on bottom, mix 165 sks c/w, 3% cc-2% bel,
Displace 3 BBL H₂O, Shut in
Cement Did Circ
in caller

Thank You
Walt & crew

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
Ceo471	1	PUMP CHARGE	1,150.00	1,150.00
Ceo002	50	MILEAGE	7.15	357.50
Ceo710	7.76	Ton Mileage Delivery	1.75	679.00
Cc5871-1041	165 SKS	SURFACE Blend II	23.00	3,795.00
			Less 45% Disc	2,691.50
				3,289.50
			SALES TAX	174.21
			ESTIMATED TOTAL	\$ <u>3467.21</u>

Ravin 3737
 AUTHORIZATION Noel Perry TITLE Tool pusher DATE 10-17-16

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form



DRILL STEM TEST REPORT

Prepared For: **Palomino Petroleum**

4924 SE 84th St
Newton, KS 67114

ATTN: Andrew Stenzel

Danfield 22 #1

22-20s-34w Scott,KS

Start Date: 2016.10.23 @ 11:25:08

End Date: 2016.10.23 @ 17:32:08

Job Ticket #: 65627 DST #: 1

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

Printed: 2016.10.27 @ 09:20:00

Palomino Petroleum

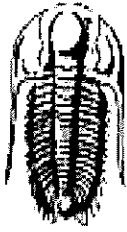
22-20s-34w Scott,KS

Danfield 22 #1

DST # 1

Marmaton

2016.10.23



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Palomino Petroleum

22-20s-34w Scott, KS

4924 SE 84th St
New ton, KS 67114

Danfield 22 #1

Job Ticket: 65627

DST#: 1

ATTN: Andrew Stenzel

Test Start: 2016.10.23 @ 11:25:08

GENERAL INFORMATION:

Formation: **Marmaton**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 13:23:08

Time Test Ended: 17:32:08

Test Type: Conventional Bottom Hole (Initial)

Tester: Brandon Turley

Unit No: 79

Interval: **4468.00 ft (KB) To 4546.00 ft (KB) (TVD)**

Reference Elevations: 3076.00 ft (KB)

Total Depth: 4546.00 ft (KB) (TVD)

3065.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 11.00 ft

Serial #: 8166

Outside

Press@RunDepth: 24.56 psig @ 4469.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2016.10.23

End Date:

2016.10.23

Last Calib.: 2016.10.23

Start Time: 11:25:13

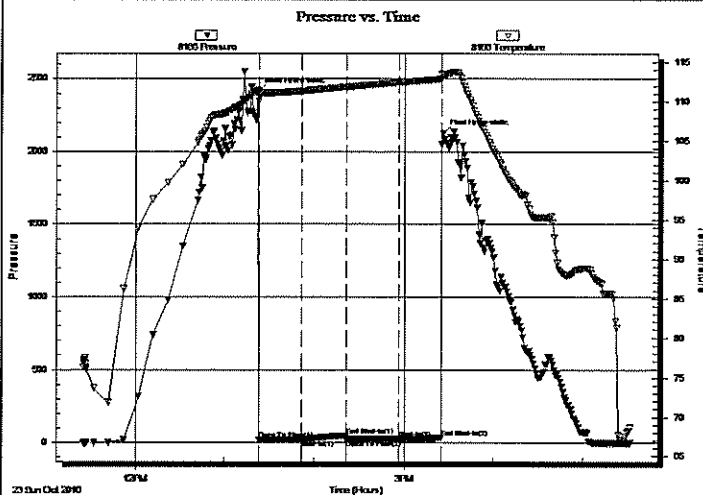
End Time:

17:32:07

Time On Btm: 2016.10.23 @ 13:22:38

Time Off Btm: 2016.10.23 @ 15:26:08

TEST COMMENT: IF: 1/2" blow died in 7 min.
IS: No return.
FF: No blow.
FS: No return.



PRESSURE SUMMARY

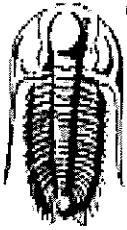
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2411.70	111.50	Initial Hydro-static
1	20.46	110.04	Open To Flow (1)
29	21.99	111.30	Shut-In(1)
59	48.68	111.84	End Shut-In(1)
59	23.16	111.84	Open To Flow (2)
94	24.56	112.43	Shut-In(2)
122	32.21	112.88	End Shut-In(2)
124	2125.43	113.52	Final Hydro-static

Recovery

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

Gas Rates

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



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Palomino Petroleum

22-20s-34w Scott,KS

4924 SE 84th St
New ton, KS 67114

Danfield 22 #1

Job Ticket: 65627

DST#: 1

ATTN: Andrew Stenzel

Test Start: 2016.10.23 @ 11:25:08

GENERAL INFORMATION:

Formation: **Marmaton**

Deviated: No Whipstock: ft (KB)

Test Type: Conventional Bottom Hole (Initial)

Time Tool Opened: 13:23:08

Tester: Brandon Turley

Time Test Ended: 17:32:08

Unit No: 79

Interval: **4468.00 ft (KB) To 4546.00 ft (KB) (TVD)**

Reference Elevations: 3076.00 ft (KB)

Total Depth: 4546.00 ft (KB) (TVD)

3065.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 11.00 ft

Serial #: 8875

Inside

Press@RunDepth: psig @ 4469.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2016.10.23

End Date:

2016.10.23

Last Calib.:

2016.10.23

Start Time: 11:25:18

End Time:

17:32:12

Time On Btm:

Time Off Btm:

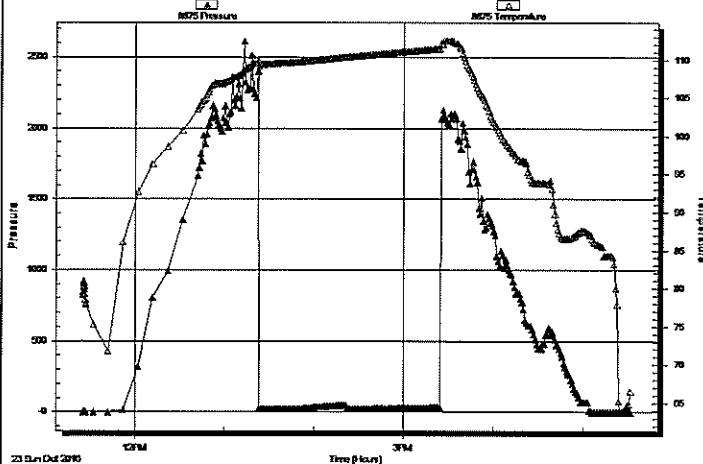
TEST COMMENT: IF: 1/2" blow died in 7 min.

IS: No return.

FF: No blow.

FS: No return.

Pressure vs. Time



PRESSURE SUMMARY

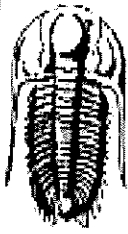
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

Recovery

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

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Palomino Petroleum

22-20s-34w Scott, KS

4924 SE 84th St
New ton, KS 67114

Danfield 22 #1

Job Ticket: 65627

DST#: 1

ATTN: Andrew Stenzel

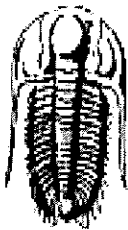
Test Start: 2016.10.23 @ 11:25:08

Tool Information

Drill Pipe:	Length: 4328.00 ft	Diameter: 3.80 inches	Volume: 60.71 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 30000.00 lb
Drill Collar:	Length: 118.00 ft	Diameter: 2.25 inches	Volume: 0.58 bbl	Weight to Pull Loose: 70000.00 lb
			<u>Total Volume: 61.29 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	5.00 ft			String Weight: Initial 65000.00 lb
Depth to Top Packer:	4468.00 ft			Final 65000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	78.00 ft			
Tool Length:	105.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Stubb	1.00			4442.00	
Shut In Tool	5.00			4447.00	
Hydraulic tool	5.00			4452.00	
Jars	5.00			4457.00	
Safety Joint	2.00			4459.00	
Packer	5.00			4464.00	27.00 Bottom Of Top Packer
Packer	4.00			4468.00	
Stubb	1.00			4469.00	
Recorder	0.00	8875	Inside	4469.00	
Recorder	0.00	8166	Outside	4469.00	
Perforations	6.00			4475.00	
Change Over Sub	1.00			4476.00	
Drill Pipe	64.00			4540.00	
Change Over Sub	1.00			4541.00	
Bullnose	5.00			4546.00	78.00 Bottom Packers & Anchor
Total Tool Length:	105.00				



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Palomino Petroleum

22-20s-34w Scott,KS

4924 SE 84th St
New ton, KS 67114

Danfield 22 #1

Job Ticket: 65627

DST#: 1

ATTN: Andrew Stenzel

Test Start: 2016.10.23 @ 11:25:08

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 62.00 sec/qt

Cushion Volume:

bbf

Water Loss: 7.98 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 4500.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbf
5.00	mud 100%m	0.025

Total Length:

5.00 ft

Total Volume:

0.025 bbf

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

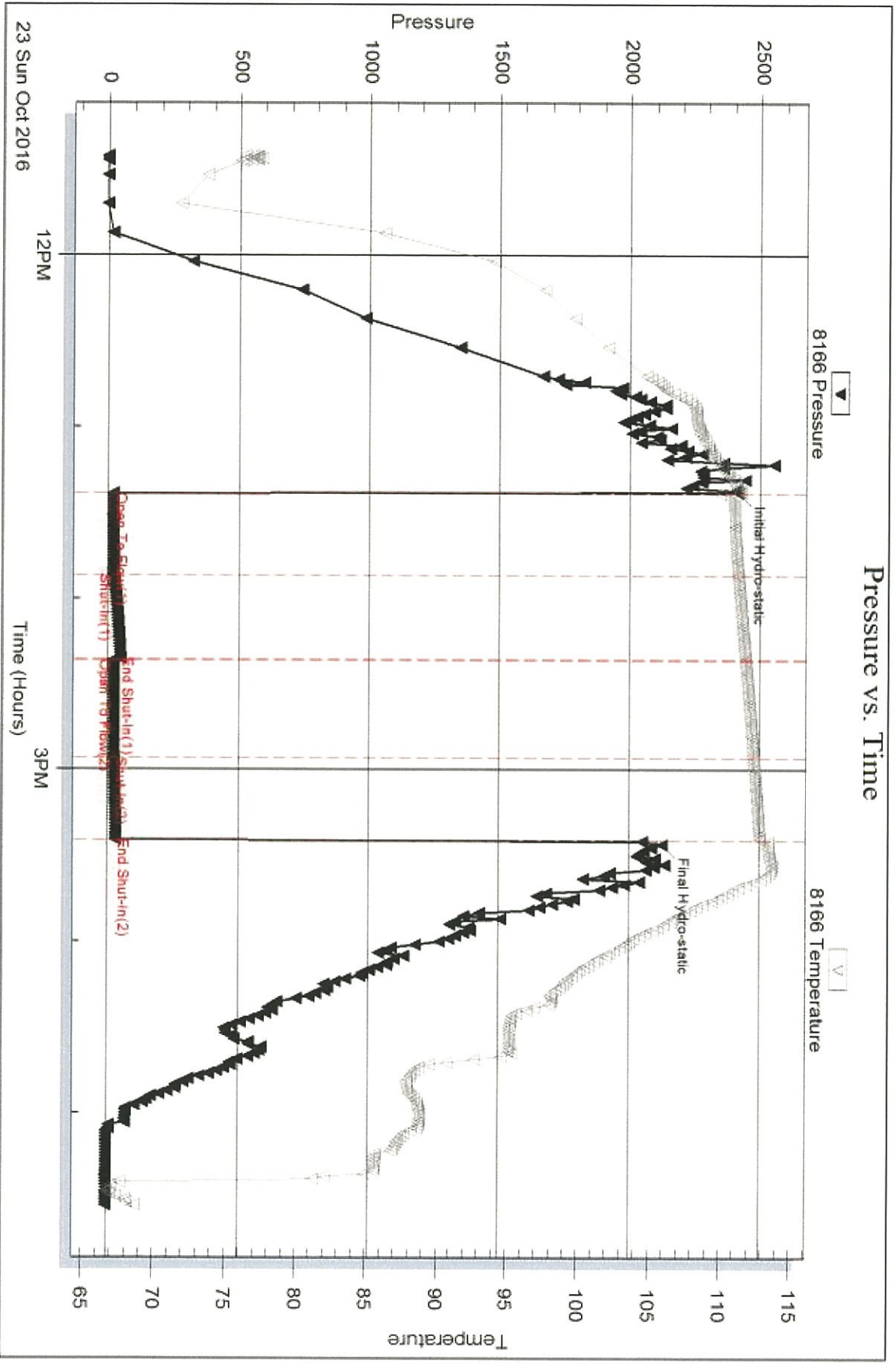
Recovery Comments:

Serial #: 8166

Outside Palomino Petroleum

Danfield 22 #1

DST Test Number: 1



Triobite Testing, Inc

Ref. No: 65627

Printed: 2016 10 27 @ 09:20:01

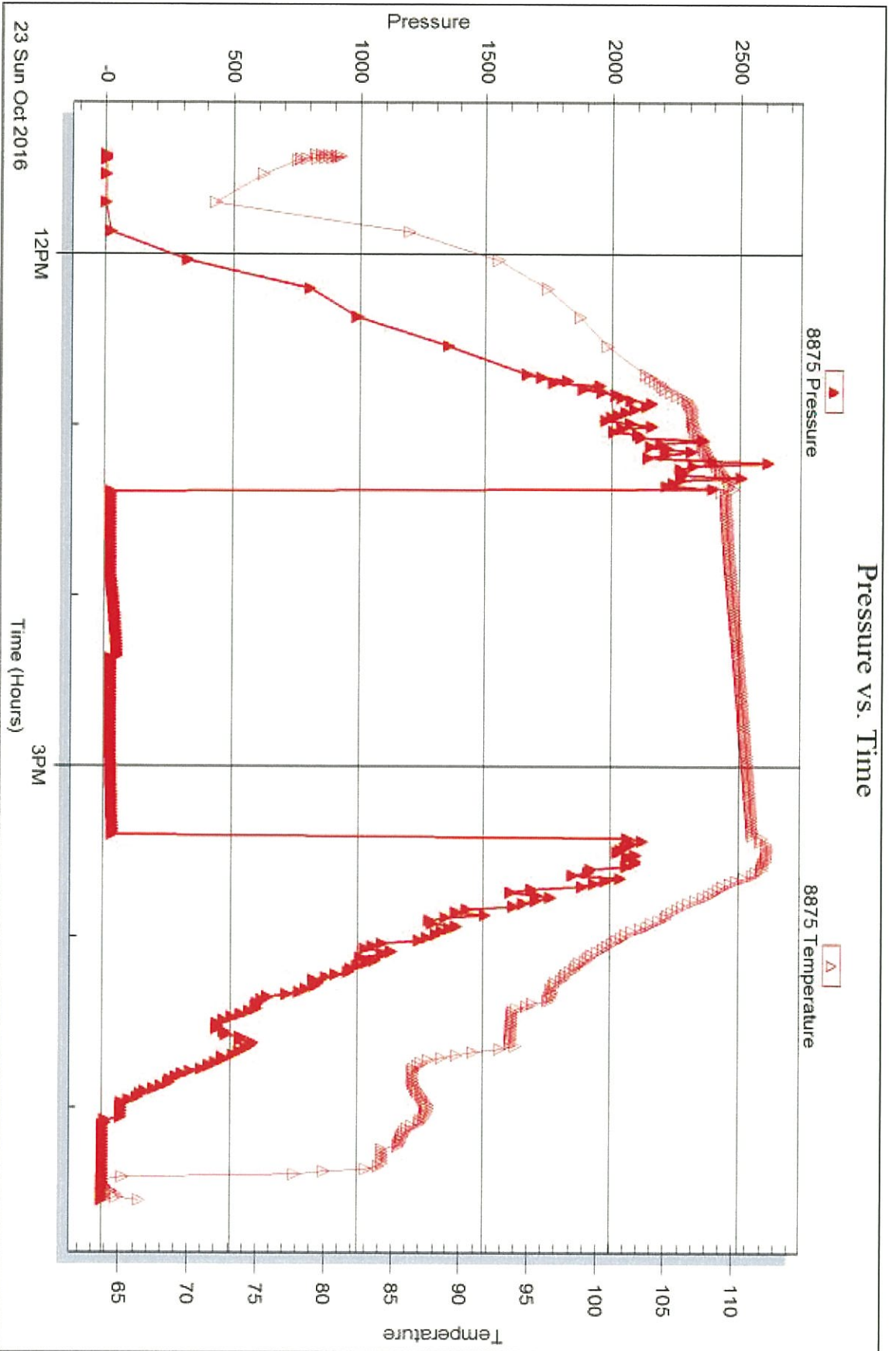
Serial #: 8875

Inside

Palomino Petroleum

Danfield 22 #1

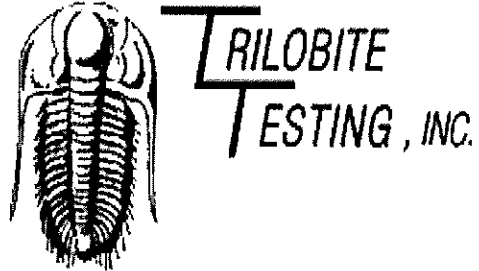
DST Test Number: 1



Triobite Testing, Inc

Ref. No: 65627

Printed: 2016 10 27 @ 09:20:01



DRILL STEM TEST REPORT

Prepared For: **Palomino Petroleum**

4924 SE 84th St
Newton, KS 67114

ATTN: Andrew Stenzel

Danfield 22 #1

22-20s-34w Scott,KS

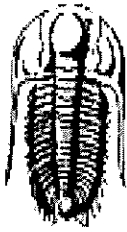
Start Date: 2016.10.24 @ 05:03:04

End Date: 2016.10.24 @ 10:54:04

Job Ticket #: 65628 DST #: 2

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

Printed: 2016.10.27 @ 09:19:28



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Palomino Petroleum

22-20s-34w Scott,KS

4924 SE 84th St
New ton, KS 67114

Danfield 22 #1

Job Ticket: 65628

DST#: 2

ATTN: Andrew Stenzel

Test Start: 2016.10.24 @ 05:03:04

GENERAL INFORMATION:

Formation: **Pawnee- Ft Scott**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 06:54:04

Time Test Ended: 10:54:04

Test Type: Conventional Bottom Hole (Reset)

Tester: Brandon Turley

Unit No: 79

Interval: **4540.00 ft (KB) To 4603.00 ft (KB) (TVD)**

Reference Elevations: 3076.00 ft (KB)

Total Depth: 4603.00 ft (KB) (TVD)

3065.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 11.00 ft

Serial #: 8166

Outside

Press@RunDepth: 36.51 psig @ 4541.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2016.10.24

End Date:

2016.10.24

Last Calib.: 2016.10.24

Start Time: 05:03:09

End Time:

10:54:03

Time On Btm: 2016.10.24 @ 06:53:34

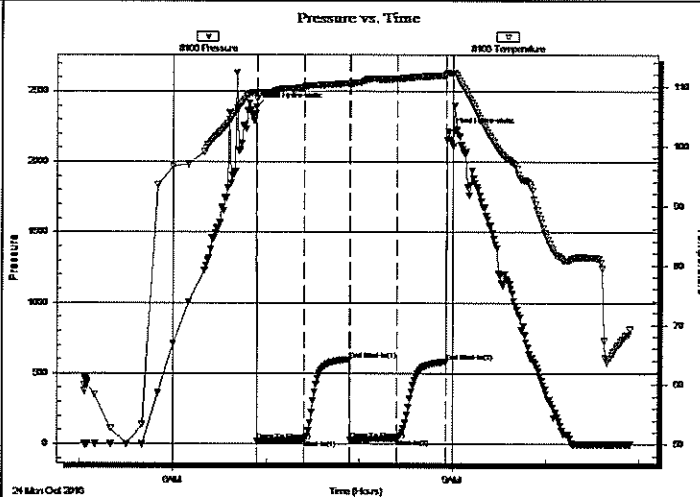
Time Off Btm: 2016.10.24 @ 08:57:04

TEST COMMENT: IF: 1/4" blow died in 18 min.

IS: No return.

FF: No blow .

FS: No return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2390.74	108.99	Initial Hydro-static
1	18.75	107.89	Open To Flow (1)
31	29.63	109.90	Shut-In(1)
60	596.31	110.47	End Shut-In(1)
61	29.09	110.07	Open To Flow (2)
91	36.51	111.24	Shut-In(2)
122	581.04	111.80	End Shut-In(2)
124	2208.64	112.23	Final Hydro-static

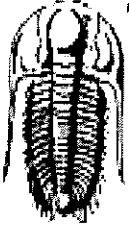
Recovery

Length (ft)	Description	Volume (bbl)
10.00	mud 100%m	0.05

* Recovery from multiple tests

Gas Rates

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



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Palomino Petroleum

22-20s-34w Scott,KS

4924 SE 84th St
New ton, KS 67114

Danfield 22 #1

Job Ticket: 65628 **DST#: 2**

ATTN: Andrew Stenzel

Test Start: 2016.10.24 @ 05:03:04

GENERAL INFORMATION:

Formation: **Pawnee- Ft Scott**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 06:54:04
 Time Test Ended: 10:54:04

Test Type: Conventional Bottom Hole (Reset)
 Tester: Brandon Turley
 Unit No: 79

Interval: **4540.00 ft (KB) To 4603.00 ft (KB) (TVD)**
 Total Depth: 4603.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 3076.00 ft (KB)
 3065.00 ft (CF)
 KB to GR/CF: 11.00 ft

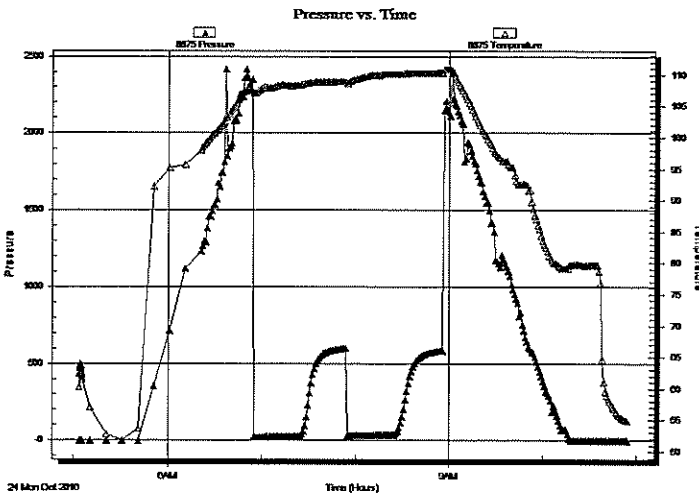
Serial #: 8875

Inside

Press@RunDepth: psig @ 4541.00 ft (KB)
 Start Date: 2016.10.24 End Date: 2016.10.24
 Start Time: 05:03:49 End Time: 10:54:13

Capacity: 8000.00 psig
 Last Calib.: 2016.10.24
 Time On Btm:
 Time Off Btm:

TEST COMMENT: IF: 1/4" blow died in 18 min.
 IS: No return.
 FF: No blow.
 FS: No return.



PRESSURE SUMMARY

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

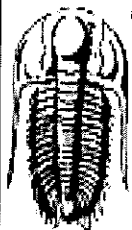
Recovery

Length (ft)	Description	Volume (bbl)
10.00	mud 100% _m	0.05

* 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

22-20s-34w Scott, KS

4924 SE 84th St
New ton, KS 67114

Danfield 22 #1

Job Ticket: 65628

DST#: 2

ATTN: Andrew Stenzel

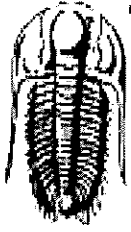
Test Start: 2016.10.24 @ 05:03:04

Tool Information

Drill Pipe:	Length: 4423.00 ft	Diameter: 3.80 inches	Volume: 62.04 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 30000.00 lb
Drill Collar:	Length: 118.00 ft	Diameter: 2.25 inches	Volume: 0.58 bbl	Weight to Pull Loose: 80000.00 lb
			<u>Total Volume: 62.62 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	28.00 ft			String Weight: Initial 65000.00 lb
Depth to Top Packer:	4540.00 ft			Final 65000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	63.00 ft			
Tool Length:	90.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Stubb	1.00			4514.00	
Shut In Tool	5.00			4519.00	
Hydraulic tool	5.00			4524.00	
Jars	5.00			4529.00	
Safety Joint	2.00			4531.00	
Packer	5.00			4536.00	27.00 Bottom Of Top Packer
Packer	4.00			4540.00	
Stubb	1.00			4541.00	
Recorder	0.00	8875	Inside	4541.00	
Recorder	0.00	8166	Outside	4541.00	
Perforations	23.00			4564.00	
Change Over Sub	1.00			4565.00	
Drill Pipe	32.00			4597.00	
Change Over Sub	1.00			4598.00	
Bullnose	5.00			4603.00	63.00 Bottom Packers & Anchor
Total Tool Length:	90.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Palomino Petroleum

22-20s-34w Scott,KS

4924 SE 84th St
New ton, KS 67114

Danfield 22 #1

Job Ticket: 65628

DST#: 2

ATTN: Andrew Stenzel

Test Start: 2016.10.24 @ 05:03:04

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 62.00 sec/qt

Cushion Volume:

bbf

Water Loss: 7.97 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 4500.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbf
10.00	mud 100%m	0.049

Total Length:

10.00 ft

Total Volume:

0.049 bbf

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

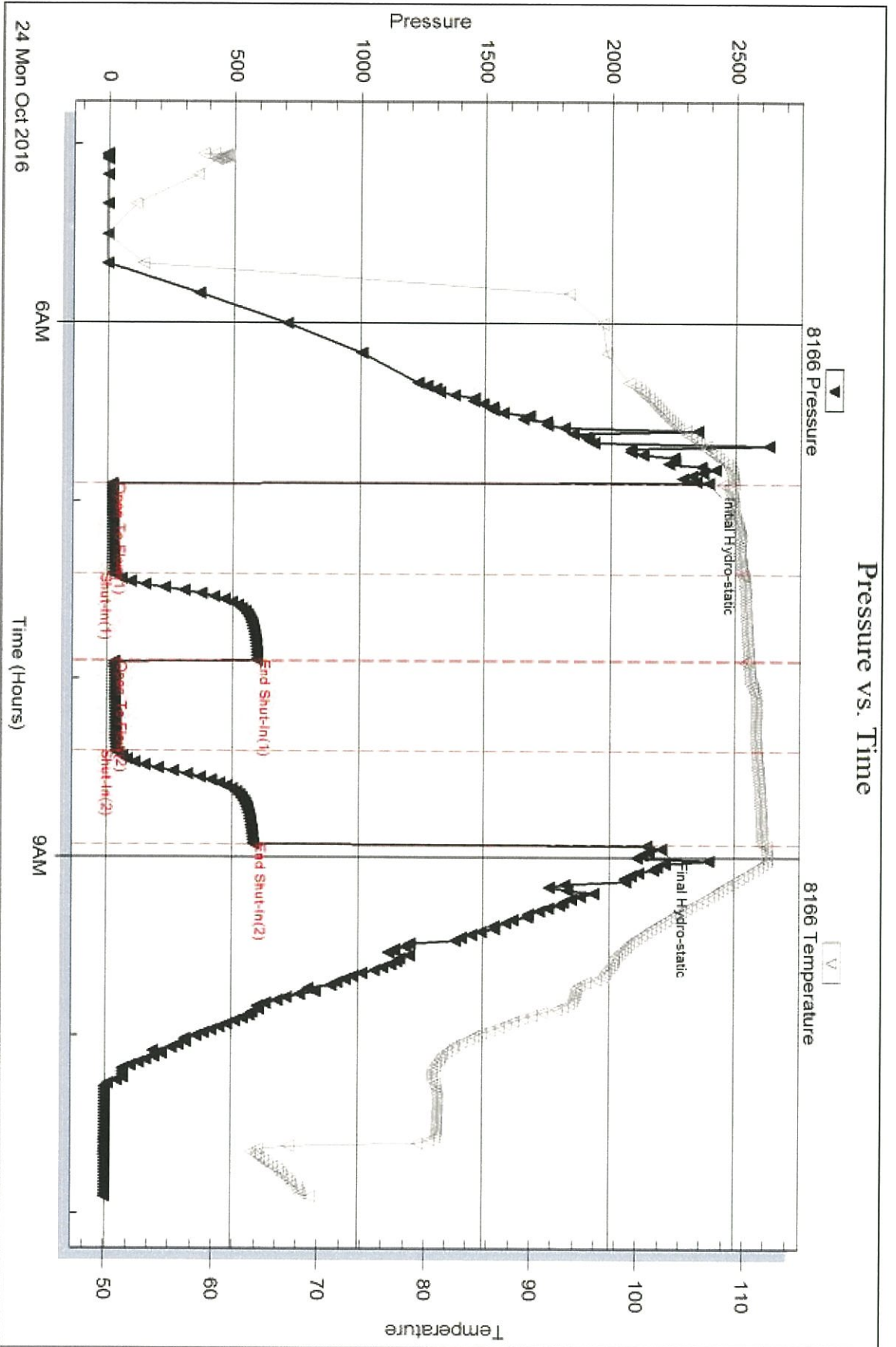
Recovery Comments:

Serial #: 8166

Outside Palomino Petroleum

Danfield 22 #1

DST Test Number: 2



Trilobite Testing, Inc

Ref. No: 65628

Printed 2016 10 27 @ 09:19:29

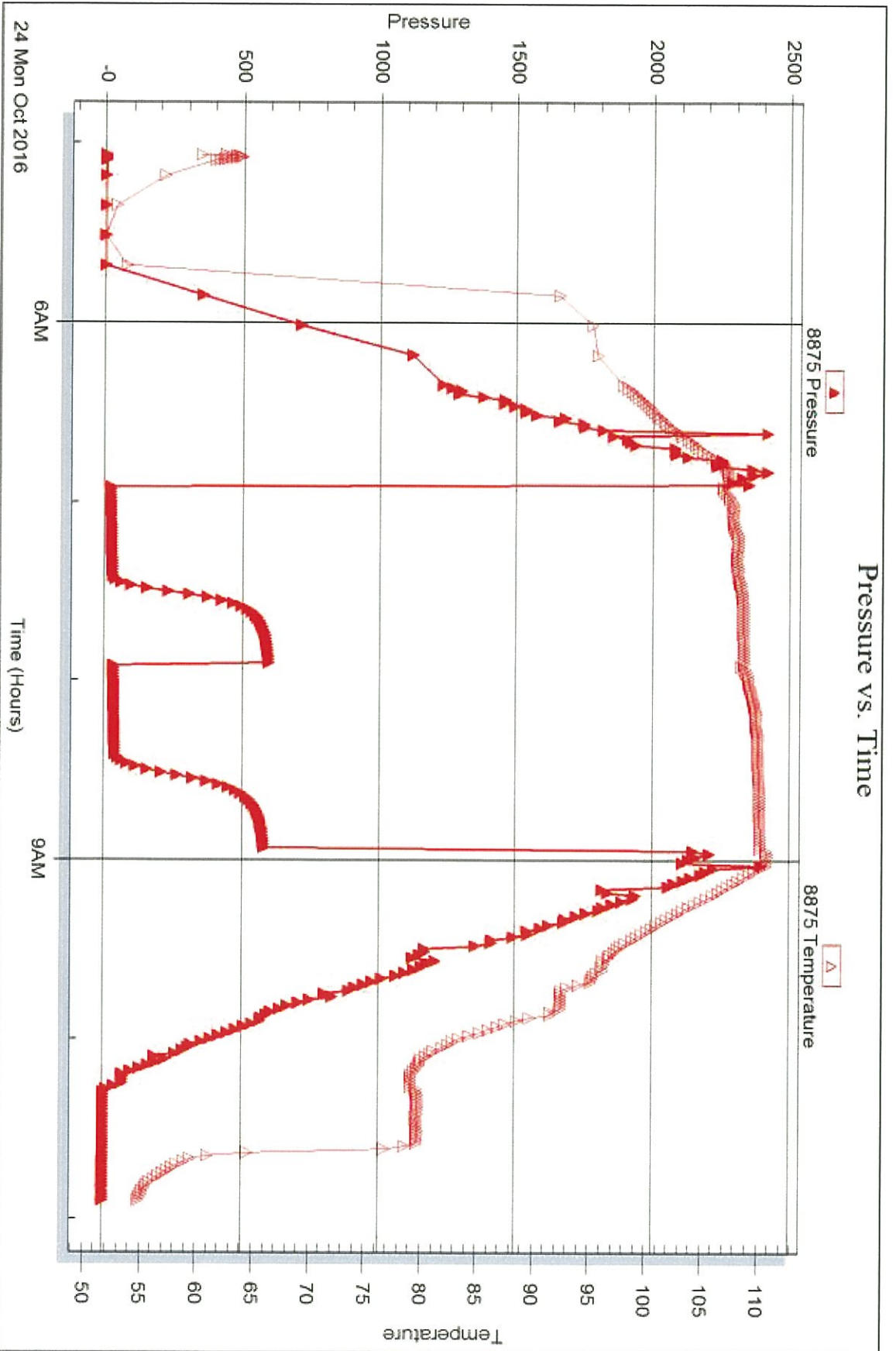
Serial #: 8875

Inside

Palomino Petroleum

Danfield 22 #1

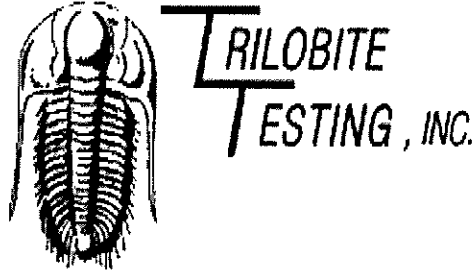
DST Test Number: 2



Trilobite Testing, Inc

Ref. No: 65628

Printed: 2016 10 27 @ 09:19:29



DRILL STEM TEST REPORT

Prepared For: **Palomino Petroleum**

4924 SE 84th St
Newton, KS 67114

ATTN: Andrew Stenzel

Danfield 22 #1

22-20s-34w Scott,KS

Start Date: 2016.10.25 @ 17:07:49

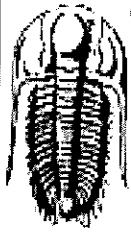
End Date: 2016.10.26 @ 01:24:19

Job Ticket #: 65629 DST #: 3

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

Printed: 2016.10.27 @ 09:16:49

Palomino Petroleum
22-20s-34w Scott,KS
Danfield 22 #1
DST # 3
Johnson Morrow
2016.10.25



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Palomino Petroleum

22-20s-34w Scott,KS

4924 SE 84th St
New ton, KS 67114

Danfield 22 #1

Job Ticket: 65629

DST#: 3

ATTN: Andrew Stenzel

Test Start: 2016.10.25 @ 17:07:49

GENERAL INFORMATION:

Formation: **Johnson Morrow**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 19:51:19

Time Test Ended: 01:24:19

Test Type: Conventional Bottom Hole (Reset)

Tester: Brandon Turley

Unit No: 79

Interval: **4592.00 ft (KB) To 4882.00 ft (KB) (TVD)**

Total Depth: 4882.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 3076.00 ft (KB)

3065.00 ft (CF)

KB to GR/CF: 11.00 ft

Serial #: 8166 Outside

Press@RunDepth: 459.97 psig @ 4593.00 ft (KB)

Start Date: 2016.10.25

End Date:

2016.10.26

Start Time: 17:07:54

End Time:

01:24:18

Capacity: 8000.00 psig

Last Calib.: 2016.10.26

Time On Btm: 2016.10.25 @ 19:49:19

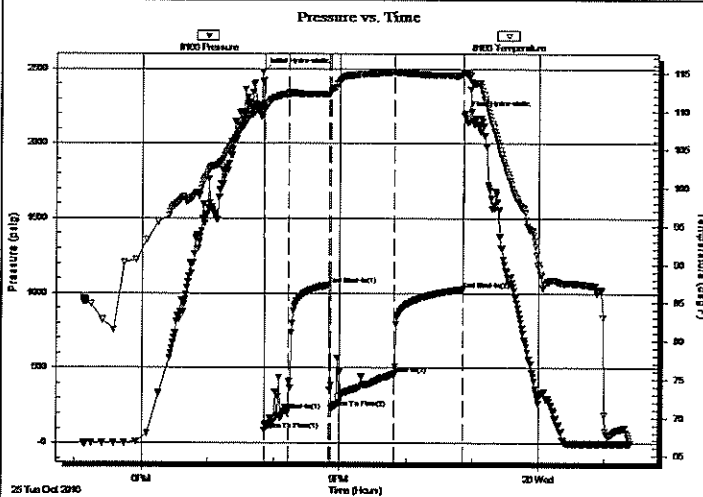
Time Off Btm: 2016.10.25 @ 22:52:49

TEST COMMENT: IF: 2" blow BOB in 8 min.

IS: No return.

FF: BOB in 12 min.

FS: No return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2478.93	110.82	Initial Hydro-static
2	83.86	110.24	Open To Flow (1)
24	212.29	112.30	Shut-In(1)
61	1055.55	112.23	End Shut-In(1)
63	233.39	112.68	Open To Flow (2)
120	459.97	115.09	Shut-In(2)
182	1025.74	114.72	End Shut-In(2)
184	2196.80	114.96	Final Hydro-static

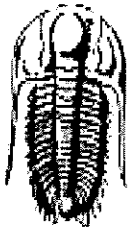
Recovery

Length (ft)	Description	Volume (bbl)
186.00	w cm 10%w 90%m	1.53
633.00	mud 100%m	8.88

* 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

22-20s-34w Scott, KS

4924 SE 84th St
New ton, KS 67114

Danfield 22 #1

Job Ticket: 65629

DST#: 3

ATTN: Andrew Stenzel

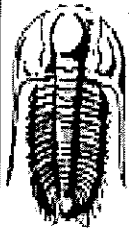
Test Start: 2016.10.25 @ 17:07:49

Tool Information

Drill Pipe:	Length: 4452.00 ft	Diameter: 3.80 inches	Volume: 62.45 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 30000.00 lb
Drill Collar:	Length: 118.00 ft	Diameter: 2.25 inches	Volume: 0.58 bbl	Weight to Pull Loose: 85000.00 lb
			<u>Total Volume: 63.03 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	5.00 ft			String Weight: Initial 65000.00 lb
Depth to Top Packer:	4592.00 ft			Final 68000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	290.00 ft			
Tool Length:	317.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Stubb	1.00			4566.00	
Shut In Tool	5.00			4571.00	
Hydraulic tool	5.00			4576.00	
Jars	5.00			4581.00	
Safety Joint	2.00			4583.00	
Packer	5.00			4588.00	27.00 Bottom Of Top Packer
Packer	4.00			4592.00	
Stubb	1.00			4593.00	
Recorder	0.00	8875	Inside	4593.00	
Recorder	0.00	8166	Outside	4593.00	
Perforations	27.00			4620.00	
Change Over Sub	1.00			4621.00	
Drill Pipe	255.00			4876.00	
Change Over Sub	1.00			4877.00	
Bullnose	5.00			4882.00	290.00 Bottom Packers & Anchor
Total Tool Length:	317.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Palomino Petroleum

22-20s-34w Scott,KS

4924 SE 84th St
Newton, KS 67114

Danfield 22 #1

Job Ticket: 65629

DST#: 3

ATTN: Andrew Stenzel

Test Start: 2016.10.25 @ 17:07:49

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API: 0 deg API
Mud Weight: 10.00 lb/gal	Cushion Length: ft	Water Salinity: 30000 ppm
Viscosity: 62.00 sec/qt	Cushion Volume: bbl	
Water Loss: 9.59 in ³	Gas Cushion Type:	
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig	
Salinity: 7400.00 ppm		
Filter Cake: 1.00 inches		

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
186.00	w cm 10%w 90%m	1.534
633.00	mud 100%m	8.879

Total Length: 819.00 ft Total Volume: 10.413 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments: .27@62=30000

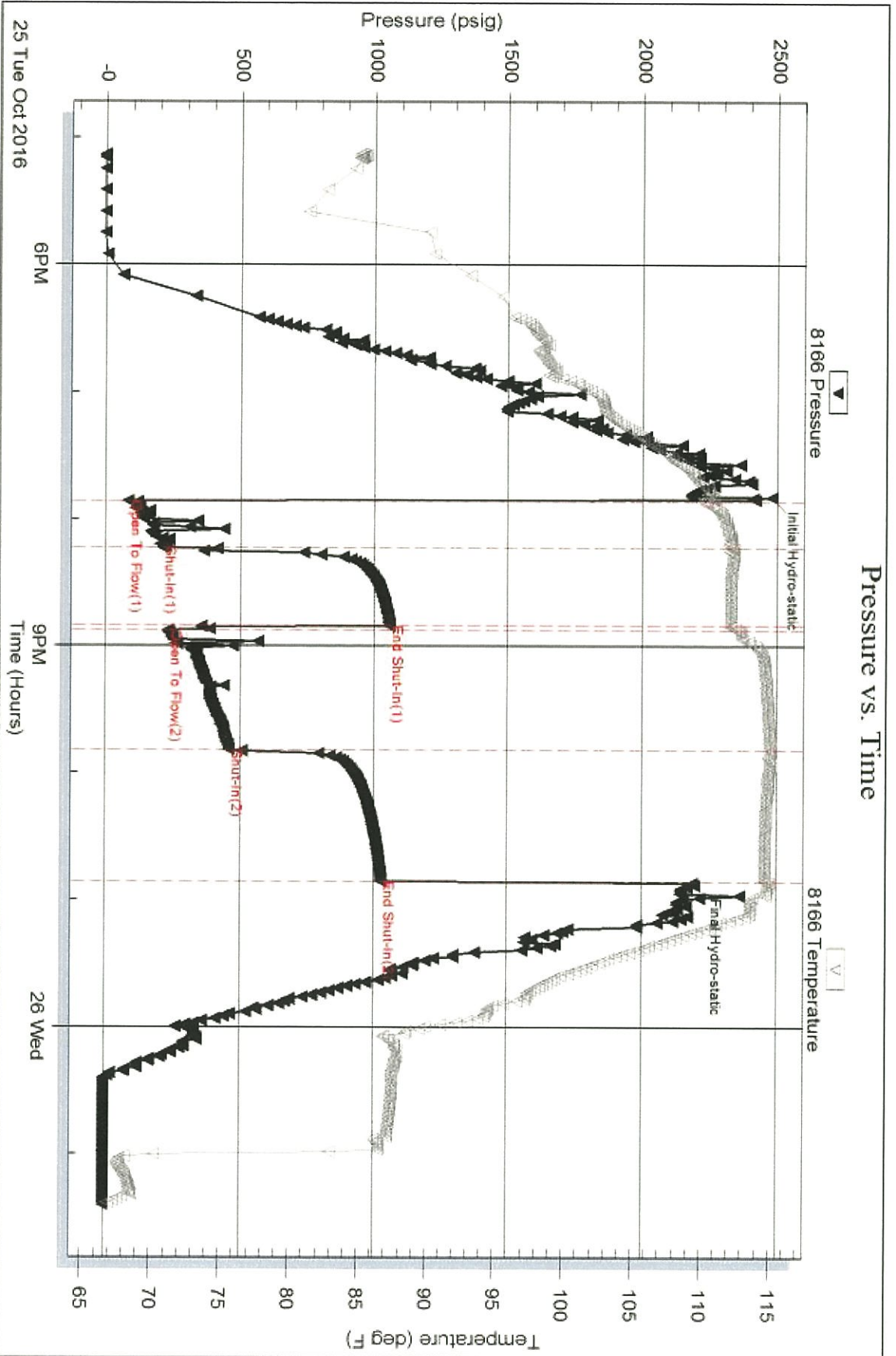
Serial #: 8166

Outside Palomino Petroleum

Danfield 22 #1

DST Test Number: 3

Pressure vs. Time



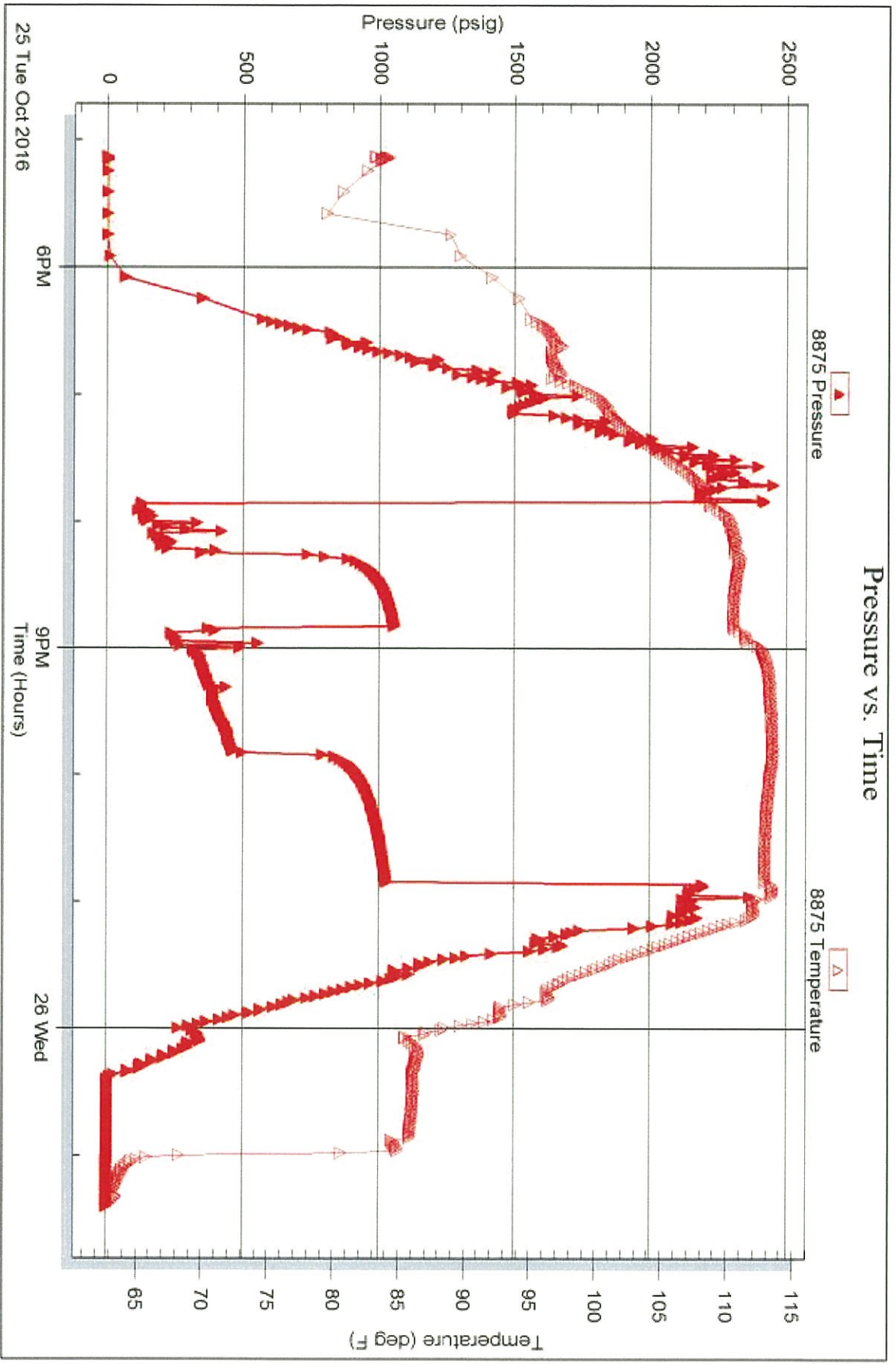
Serial #: 8875

Inside

Palomino Petroleum

Danfield 22 #1

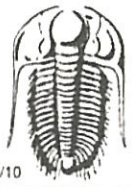
DST Test Number: 3



Triobite Testing, Inc

Ref. No: 65629

Printed: 2016 10 27 @ 09:16:51



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. **65627**

Well Name & No. Drafield 22 #1 Test No. 1 Date 10-23-16
 Company Palomino Petroleum Elevation 3076 KB 3065 GL
 Address 4924 SE 84th St Newton, KS 67114
 Co. Rep / Geo. Andrew Stencil Rig WW #14
 Location: Sec. 22 Twp. 20^S Rge. 34^W Co. Scott State KS

Interval Tested 4468 4546 Zone Tested Martinton
 Anchor Length 78 Drill Pipe Run 4328 Mud Wt. 9.3
 Top Packer Depth 4463 Drill Collars Run 118 Vis 62
 Bottom Packer Depth 4468 Wt. Pipe Run — WL 8.0
 Total Depth 4546 Chlorides 4500 ppm System LCM 4

Blow Description IF: 1/2 blow died in 7 min.
IS: No return.
EF: No blow.
FS: No return.

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

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

(A) Initial Hydrostatic <u>2411</u>	<input checked="" type="checkbox"/> Test <u>1150</u>	T-On Location <u>10:25</u>
(B) First Initial Flow <u>20</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>11:25</u>
(C) First Final Flow <u>21</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>13:23</u>
(D) Initial Shut-In <u>48</u>	<input checked="" type="checkbox"/> Circ Sub <u>NIL</u>	T-Pulled <u>15:23</u>
(E) Second Initial Flow <u>23</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>17:35</u>
(F) Second Final Flow <u>24</u>	<input checked="" type="checkbox"/> Mileage <u>44-33</u>	Comments
(G) Final Shut-In <u>32</u>	<input type="checkbox"/> Sampler	
(H) Final Hydrostatic <u>2125</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 1508
 MP/DST Disc't

Sub Total 1508

Approved By _____ Our Representative 

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. **65628**

4/10

Well Name & No. Donfield 22 #1 Test No. 2 Date 10-24-16
 Company Palomino Petroleum Elevation 3076 KB 3065 GL
 Address _____
 Co. Rep / Geo. Andrew Steneel Rig WW #14
 Location: Sec. 22 Twp. 20^s Rge. 34w Co. Scott State KS

Interval Tested 4540 4603 Zone Tested Pawnee - Ft Scott
 Anchor Length _____ Drill Pipe Run 4423 Mud Wt. 9.7
 Top Packer Depth _____ Drill Collars Run 118 Vis 62
 Bottom Packer Depth _____ Wt. Pipe Run _____ WL 8.0
 Total Depth 4603 Chlorides 4500 ppm System LCM 4

Blow Description ±F1 1/4 blow died in 18 min.
I5: No return,
FF: No blow.
F5: No return.

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

Rec Total 10 BHT III Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic <u>2390</u>	<input checked="" type="checkbox"/> Test <u>1150</u>	T-On Location <u>4:40</u>
(B) First Initial Flow <u>18</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>5:03</u>
(C) First Final Flow <u>29</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>6:53</u>
(D) Initial Shut-In <u>596</u>	<input checked="" type="checkbox"/> Circ Sub <u>NIL</u>	T-Pulled <u>8:53</u>
(E) Second Initial Flow <u>29</u>	<input type="checkbox"/> Hourly Standby _____	T-Out <u>10:54</u>
(F) Second Final Flow <u>36</u>	<input checked="" type="checkbox"/> Mileage <u>44</u> 33	Comments _____
(G) Final Shut-In <u>581</u>	<input type="checkbox"/> Sampler _____	
(H) Final Hydrostatic <u>2208</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 1508

Ruined Packer 320
 Extra Copies _____
 Sub Total 320
 Total 1828
 MP/DST Disc't _____

Approved By [Signature] 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. **65629**

Well Name & No. Donfield 22#1 Test No. 3 Date 10-25-16
 Company Palomino Petroleum Elevation 3076 KB 3065 GL
 Address _____
 Co. Rep / Geo. Andrew Stenzel Rig WW #14
 Location: Sec. 22 Twp. 20^s Rge. 34^w Co. Scott State KS

Interval Tested 4592 4882 Zone Tested Johson - Morrow
 Anchor Length 290 Drill Pipe Run 4452 Mud Wt. 9.5
 Top Packer Depth 4587 Drill Collars Run 118 Vis 62
 Bottom Packer Depth 4592 Wt. Pipe Run _____ WL 9.6
 Total Depth 4882 Chlorides 7400 ppm System LCM 2

Blow Description ±F: 2" blow BoB in 8 min.
IS: NO return.
FF: BoB in 12 min.
FS: NO return.

Rec	Feet of	%gas	%oil	%water	%mud
<u>633</u>	<u>mud</u>			<u>100</u>	
<u>186</u>	<u>wcm</u>		<u>10</u>	<u>90</u>	
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
Rec Total <u>819</u>	BHT <u>114</u>	Gravity <u>—</u>	API RW <u>.27</u> @ <u>62</u> °F	Chlorides <u>30,000</u> ppm	

(A) Initial Hydrostatic 2478 Test 1150 T-On Location 16:15
 (B) First Initial Flow 83 Jars 250 T-Started 17:07
 (C) First Final Flow 212 Safety Joint 75 T-Open 19:48
 (D) Initial Shut-In 1055 Circ Sub NIL T-Pulled 22:48
 (E) Second Initial Flow 233 Hourly Standby _____ T-Out 1:25
 (F) Second Final Flow 459 Mileage 44-x2 66 Comments loaded tools
 (G) Final Shut-In 1025 Sampler _____ 10-27-At 8:30 AM
 (H) Final Hydrostatic 2196 Straddle _____
 Shale Packer _____
 Shale Packer _____
 Extra Packer _____
 Extra Recorder _____
 Day Standby _____
 Accessibility _____

Initial Open 30
 Initial Shut-In 30
 Final Flow 60
 Final Shut-In 60
 Sub Total 0
 Total 1541
 MP/DST Disc't _____
 Sub Total 1541

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