



CONSOLIDATED
Oil Well Services, LLC

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

RECEIVED

MAY 24 2013

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

INVOICE

Invoice # 259031

Invoice Date: 05/22/2013 Terms: 0/0/30,n/30

Page 1

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

WOLF #1
41712
33-26S-3E
05-20-13
KS

Part Number	Description	Qty	Unit Price	Total
1131	60/40 POZ MIX	140.00	13.1800	1845.20
1118B	PREMIUM GEL / BENTONITE	480.00	.2200	105.60

Description	Hours	Unit Price	Total
445 P & A NEW WELL	1.00	1085.00	1085.00
445 EQUIPMENT MILEAGE (ONE WAY)	35.00	4.20	147.00
667 MIN. BULK DELIVERY	1.00	368.00	368.00

Parts:	1950.80	Freight:	.00	Tax:	127.78	AR	3678.58
Labor:	.00	Misc:	.00	Total:	3678.58		
Sublt:	.00	Supplies:	.00	Change:	.00		

Signed _____

Date _____



CONSOLIDATED
Oil Well Services, LLC

Jh by

API# 15-015-23981

TICKET NUMBER 41712

LOCATION Eureka

FOREMAN Rick Ledford

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

FIELD TICKET & TREATMENT REPORT
CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
5-20-13	6285	Wolf # 1	33	26s	3E	Butler
CUSTOMER Palomino Petroleum Inc.			C&G Orla			
MAILING ADDRESS 4924 SE 84th St.			TRUCK #	DRIVER	TRUCK #	DRIVER
CITY Newton			445	John		
STATE KS			467	Chris B.		
ZIP CODE 67114						

JOB TYPE P.T.A 0 HOLE SIZE 7 7/8" HOLE DEPTH 3290' CASING SIZE & WEIGHT _____
 CASING DEPTH _____ DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT 14# SLURRY VOL _____ WATER gal/sk 7.0 CEMENT LEFT in CASING _____
 DISPLACEMENT _____ DISPLACEMENT PSI _____ MIX PSI _____ RATE _____

REMARKS: Safety meeting - Rig up to drill pipe. Plugging orders as follows:

35 sks @ 3/25'

35 sks @ 260'

25 sks @ 60'

25 sks @ ratbale

20 sks @ mousehole

140 sks Total

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
540511	1	PUMP CHARGE	1085.00	1085.00
5406	35	MILEAGE	4.20	147.00
1131	140 sks	60/40 Pozmix cement	13.18	1845.20
1118B	480#	470a gel	.22	105.60
5407	6.02	607 mileage back truck	m/l	368.00
ENTERED				
			Subtotal	3550.80
			SALES TAX <u>6.55%</u>	127.78
			ESTIMATED TOTAL	3678.58

Ravin 3737

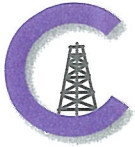
[Signature]

059031

AUTHORIZATION _____ TITLE _____ DATE _____

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



CONSOLIDATED
Oil Well Services, LLC

MAY 22 2013

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Dept. 970
P.O. Box 4346
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Chanute, KS 66720
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INVOICE

Invoice # 258882

Invoice Date: 05/20/2013 Terms: 0/0/30,n/30

Page 1

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

WOLF #1
41580
33-26S-3E
05-13-13
KS

Part Number	Description	Qty	Unit Price	Total
1104S	CLASS "A" CEMENT (SALE)	140.00	15.7000	2198.00
1102	CALCIUM CHLORIDE (50#)	395.00	.7800	308.10
1118B	PREMIUM GEL / BENTONITE	265.00	.2200	58.30
1107	FLO-SEAL (25#)	35.00	2.4700	86.45

Description	Hours	Unit Price	Total
445 CEMENT PUMP (SURFACE)	1.00	870.00	870.00
445 EQUIPMENT MILEAGE (ONE WAY)	35.00	4.20	147.00
667 MIN. BULK DELIVERY	1.00	368.00	368.00

Parts: 2650.85 Freight: .00 Tax: 173.63 AR 4209.48
 Labor: .00 Misc: .00 Total: 4209.48
 Sublt: .00 Supplies: .00 Change: .00

Signed _____

Date _____



CONSOLIDATED
Oil Well Services, LLC

ENTERED

TICKET NUMBER 41580

LOCATION Eureka KS

FOREMAN Shannon Feck

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

FIELD TICKET & TREATMENT REPORT

CEMENT API # 15-015-23981

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
5-13-13	6285	Wolf #1	33	26 S	3 E	Butler KS
CUSTOMER			TRUCK #	DRIVER	TRUCK #	DRIVER
Palomino Petroleum, Inc			445	Dave G		
MAILING ADDRESS			667	Chris B		
4924 SE 84th St						
CITY	STATE	ZIP CODE				
Newton	KS	67114				

JOB TYPE S/P HOLE SIZE 12 1/4" HOLE DEPTH 220' CASING SIZE & WEIGHT 8 5/8" 23#
 CASING DEPTH 210.00" 62. DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT 14.5-15# SLURRY VOL _____ WATER gal/sk 6.40 CEMENT LEFT in CASING 20'
 DISPLACEMENT 12.9 Bbl DISPLACEMENT PSI _____ MIX PSI _____ RATE Displace @ 5BPM

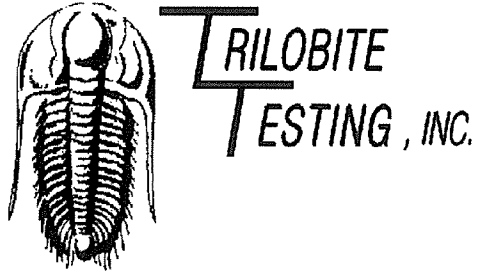
REMARKS: Safety Meeting, Rig up to 8 5/8" casing, Break circulation w/ 5 Bbl H2O, mixed 140 sks Class "A" cement w/ 3% calcium, 2% gel & 1/4 # floe/sk @ 14.5-15 #/gal. Displace w/ 12.9 Bbl H2O + shut casing in. Good circulation @ all times 8 Bbl slurry to pit Job complete.

"Thanks Shannon & crew"

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
54015	1	PUMP CHARGE	870.00	870.00
5406	35	MILEAGE	4.20	147.00
11045	140 SKS	Class "A" cement	15.70	2198.00
1102	395 #	Calcium @ 3%	.78	308.10
1118B	265 #	Gel @ 2%	.22	58.30
1107	35 #	Floer @ 1/4 #/sk	2.47	86.45
5407	6.58 Tons	Ton mileage bulk Truck	m/c	368.00
			Sub Total	4035.85
			SALES TAX 6.55%	173.63
			ESTIMATED TOTAL	4209.48

AUTHORIZATION Dale Coulter TITLE _____ DATE _____

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



DRILL STEM TEST REPORT

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

4924 SE 84th Street
Newton, KS 67114-8827

ATTN: Klee Watchous

Wolf #1

33-26S-3E Butler,KS

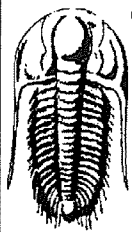
Start Date: 2013.05.16 @ 10:54:00

End Date: 2013.05.16 @ 16:32:45

Job Ticket #: 52315 DST #: 1

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

Printed: 2013.05.24 @ 11:23:22



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Palomino Petroleum, Inc.
4924 SE 84th Street
Newton, KS 67114-8827
ATTN: Klee Watchous

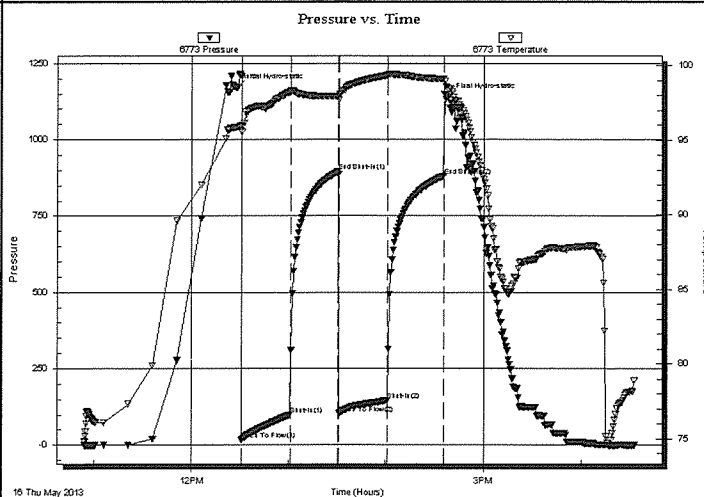
33-26S-3E Butler, KS
Wolf #1
Job Ticket: 52315 **DST#: 1**
Test Start: 2013.05.16 @ 10:54:00

GENERAL INFORMATION:

Formation: **Hertha**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 12:31:00
Time Test Ended: 16:32:45
Interval: **2466.00 ft (KB) To 2511.00 ft (KB) (TVD)**
Total Depth: 2511.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Poor
Test Type: Conventional Bottom Hole (Initial)
Tester: Jimmy Ricketts
Unit No: 47
Reference Elevations: 1350.00 ft (KB)
1341.00 ft (CF)
KB to GR/CF: 9.00 ft

Serial #: 6773 Outside
Press@RunDepth: 146.58 psig @ 2467.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2013.05.16 End Date: 2013.05.16 Last Calib.: 2013.05.16
Start Time: 10:54:05 End Time: 16:32:44 Time On Btm: 2013.05.16 @ 12:27:45
Time Off Btm: 2013.05.16 @ 14:38:30

TEST COMMENT: Weak blow building to strong blow 29 minutes into initial flow period.
Weak blow building to 9" final flow period.



PRESSURE SUMMARY

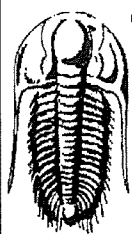
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1172.03	95.88	Initial Hydro-static
4	17.18	95.57	Open To Flow (1)
34	99.44	98.25	Shut-In(1)
63	896.03	97.95	End Shut-In(1)
64	103.19	97.69	Open To Flow (2)
94	146.58	99.37	Shut-In(2)
128	881.45	99.13	End Shut-In(2)
131	1138.70	98.49	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
295.00	Heavy mud cut w water 73%w 27%m	1.94

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Palomino Petroleum, Inc.
4924 SE 84th Street
Newton, KS 67114-8827
ATTN: Klee Watchous

33-26S-3E Butler,KS
Wolf #1
Job Ticket: 52315 **DST#: 1**
Test Start: 2013.05.16 @ 10:54:00

Tool Information

Drill Pipe:	Length: 2203.00 ft	Diameter: 3.80 inches	Volume: 30.90 bbl	Tool Weight: 2200.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: inches	Volume: 0.00 bbl	Weight set on Packer: 21000.00 lb
Drill Collar:	Length: 241.00 ft	Diameter: 2.25 inches	Volume: 1.19 bbl	Weight to Pull Loose: 41000.00 lb
			<u>Total Volume: 32.09 bbl</u>	Tool Chased 1.00 ft
Drill Pipe Above KB:	4.00 ft			String Weight: Initial 36000.00 lb
Depth to Top Packer:	2466.00 ft			Final 37000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	45.00 ft			
Tool Length:	71.00 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			2441.00	
Shut In Tool	5.00			2446.00	
Hydraulic tool	5.00			2451.00	
Jars	4.00			2455.00	
Safety Joint	2.00			2457.00	
Packer	5.00			2462.00	26.00 Bottom Of Top Packer
Packer	4.00			2466.00	
Stubb	1.00			2467.00	
Recorder	0.00	6773	Outside	2467.00	
Recorder	0.00	8676	Inside	2467.00	
Perforations	9.00			2476.00	
Change Over Sub	0.50			2476.50	
Blank Spacing	31.00			2507.50	
Change Over Sub	0.50			2508.00	
Bullnose	3.00			2511.00	45.00 Bottom Packers & Anchor

Total Tool Length: 71.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Palomino Petroleum, Inc.
4924 SE 84th Street
New ton, KS 67114-8827

ATTN: Klee Watchous

33-26S-3E Butler,KS

Wolf #1
Job Ticket: 52315 **DST#: 1**

Test Start: 2013.05.16 @ 10:54:00

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 50.00 sec/qt
Water Loss: 8.78 in³
Resistivity: ohm.m
Salinity: 1500.00 ppm
Filter Cake: inches

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

Oil API: deg API
Water Salinity: 70000 ppm

Recovery Information

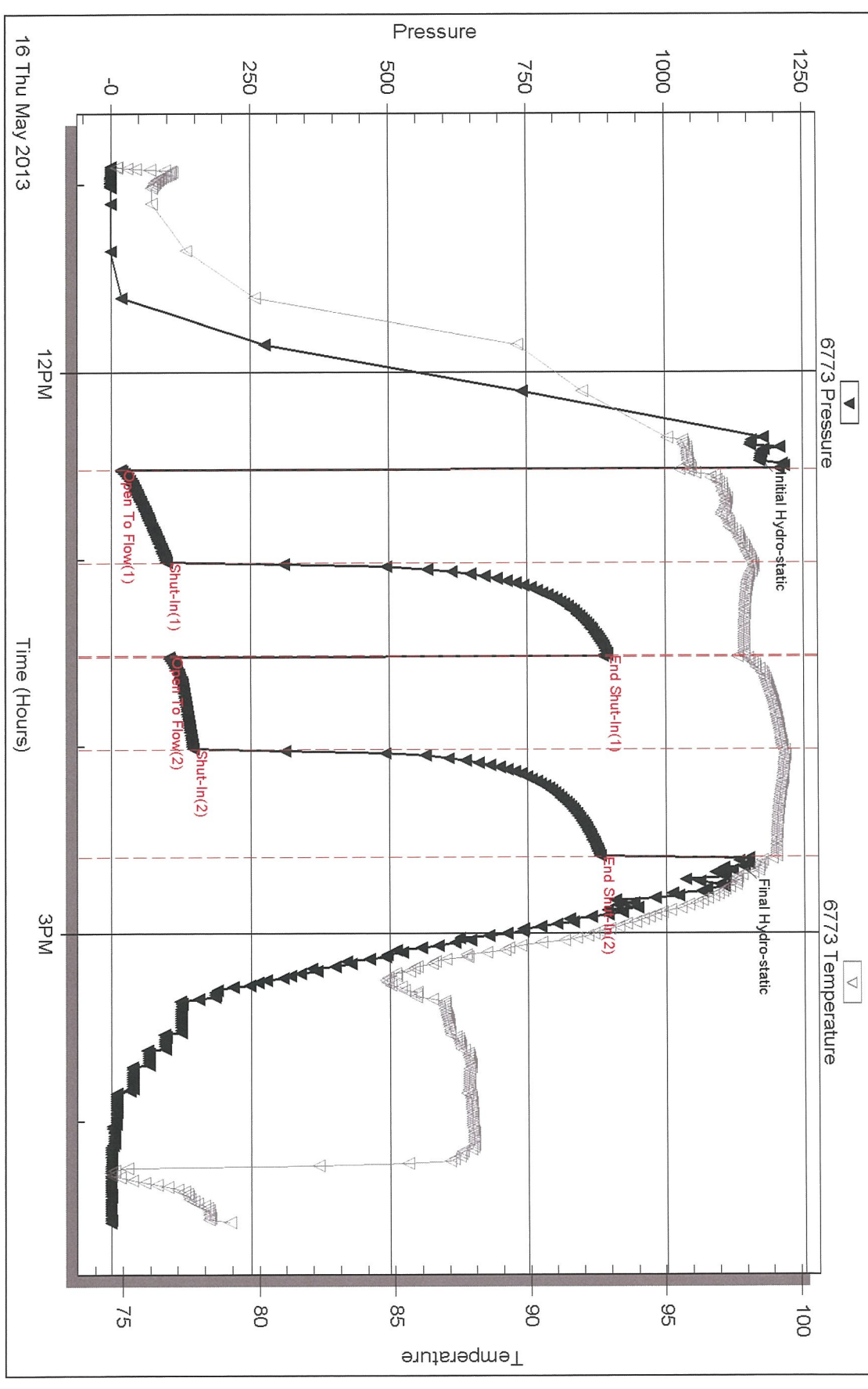
Recovery Table

Length ft	Description	Volume bbl
295.00	Heavy mud cut w ater 73%w 27%m	1.943

Total Length: 295.00 ft Total Volume: 1.943 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:

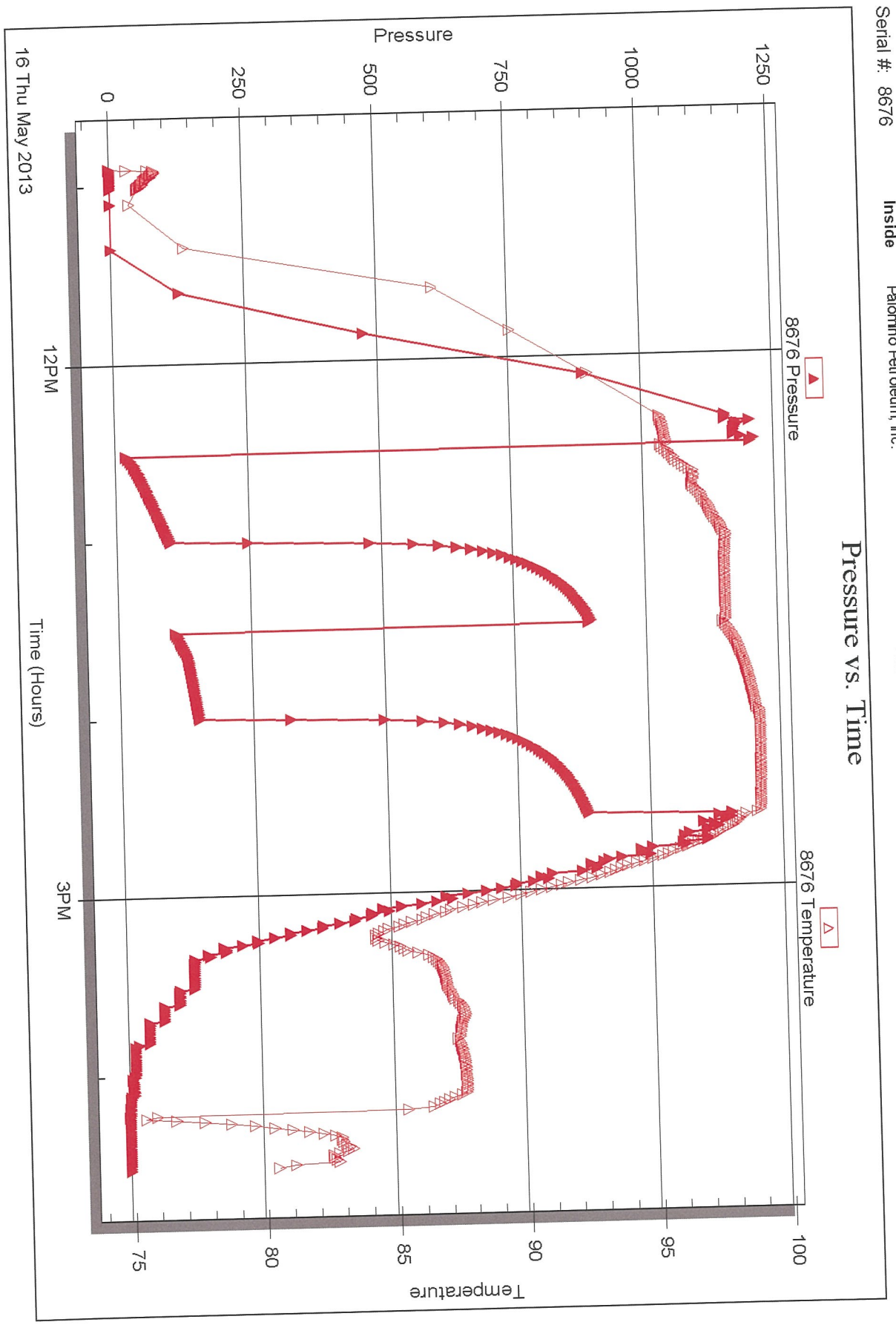
Pressure vs. Time



Serial #: 8676 Inside Palomino Petroleum, Inc.

Wolf #1

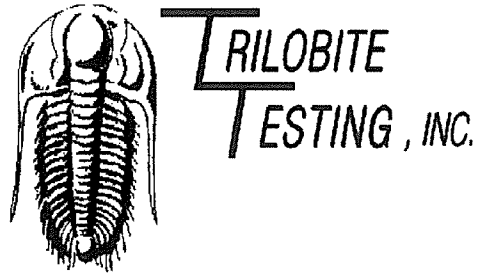
DST Test Number: 1



Trilobite Testing, Inc

Ref. No: 52315

Printed: 2013.05.24 @ 11:23:25



DRILL STEM TEST REPORT

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

4924 SE 84th Street
Newton, KS 67114-8827

ATTN: Klee Watchous

Wolf #1

33-26S-3E Butler,KS

Start Date: 2013.05.17 @ 11:22:00

End Date: 2013.05.17 @ 16:57:00

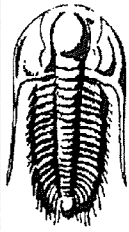
Job Ticket #: 52316 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2013.05.24 @ 11:22:05



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Palomino Petroleum, Inc.
 4924 SE 84th Street
 Newton, KS 67114-8827
 ATTN: Klee Watchous

33-26S-3E Butler, KS
Wolf #1
 Job Ticket: 52316 **DST#: 2**
 Test Start: 2013.05.17 @ 11:22:00

GENERAL INFORMATION:

Formation: **Mississippian**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 12:50:00
 Time Test Ended: 16:57:00
 Interval: **2796.00 ft (KB) To 2810.00 ft (KB) (TVD)**
 Total Depth: 2810.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Jimmy Ricketts
 Unit No: 47
 Reference Elevations: 1350.00 ft (KB)
 1341.00 ft (CF)
 KB to GR/CF: 9.00 ft

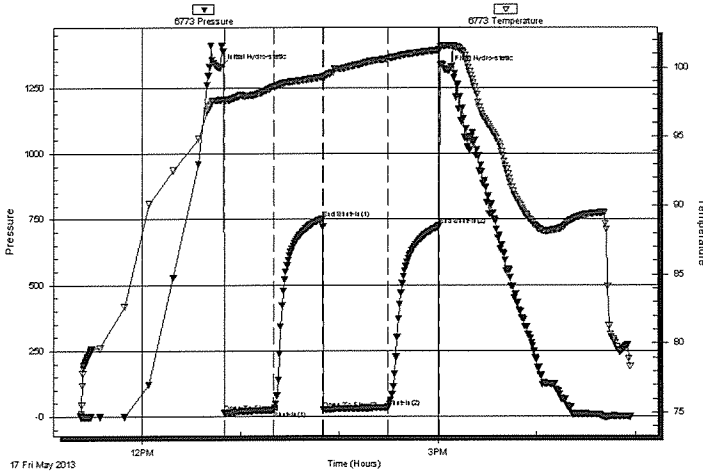
Serial #: 6773

Outside

Press@RunDepth: 34.90 psig @ 2797.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2013.05.17 End Date: 2013.05.17 Last Calib.: 2013.05.17
 Start Time: 11:22:05 End Time: 16:56:59 Time On Btm: 2013.05.17 @ 12:47:45
 Time Off Btm: 2013.05.17 @ 15:06:00

TEST COMMENT: Weak blow building to 1" initial flow period.
 No blow building to 1/2" final flow period.

Pressure vs. Time



PRESSURE SUMMARY

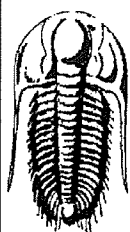
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1327.72	97.63	Initial Hydro-static
3	15.51	97.51	Open To Flow (1)
33	24.54	98.60	Shut-In(1)
62	751.78	99.30	End Shut-In(1)
63	25.86	99.21	Open To Flow (2)
102	34.90	100.64	Shut-In(2)
133	724.46	101.27	End Shut-In(2)
139	1317.02	101.56	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
30.00	Slight oil cut mud 1%o 99%m	0.15

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Palomino Petroleum, Inc.
4924 SE 84th Street
Newton, KS 67114-8827
ATTN: Klee Watchous

33-26S-3E Butler,KS
Wolf #1
Job Ticket: 52316 **DST#: 2**
Test Start: 2013.05.17 @ 11:22:00

GENERAL INFORMATION:

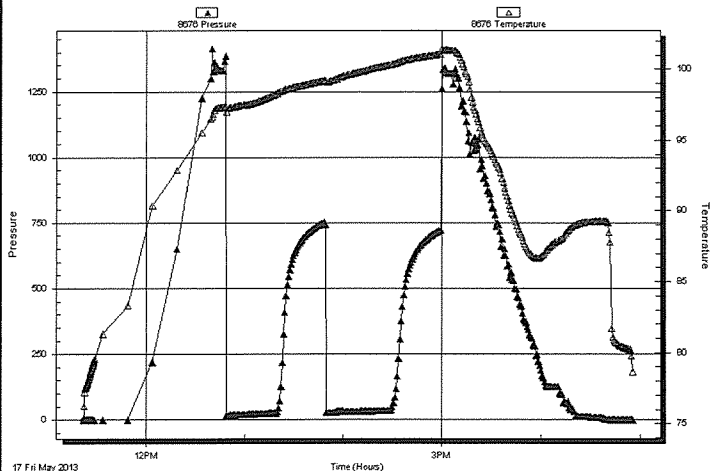
Formation: **Mississippian**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 12:50:00
Time Test Ended: 16:57:00
Interval: **2796.00 ft (KB) To 2810.00 ft (KB) (TVD)**
Total Depth: 2810.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair
Test Type: Conventional Bottom Hole (Initial)
Tester: Jimmy Ricketts
Unit No: 47
Reference Elevations: 1350.00 ft (KB)
1341.00 ft (CF)
KB to GR/CF: 9.00 ft

Serial #: 8676

Inside
Press@RunDepth: psig @ 2797.00 ft (KB)
Start Date: 2013.05.17 End Date: 2013.05.17
Start Time: 11:22:05 End Time: 16:55:44
Capacity: 8000.00 psig
Last Calib.: 1899.12.30
Time On Btm:
Time Off Btm:

TEST COMMENT: Weak blow building to 1" initial flow period.
No blow building to 1/2" final flow period.

Pressure vs. Time



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
30.00	Slight oil cut mud 1% o 99% m	0.15

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Palomino Petroleum, Inc.
4924 SE 84th Street
New ton, KS 67114-8827
ATTN: Klee Watchous

33-26S-3E Butler,KS
Wolf #1
Job Ticket: 52316 **DST#: 2**
Test Start: 2013.05.17 @ 11:22:00

Tool Information

Drill Pipe:	Length: 2549.00 ft	Diameter: 3.80 inches	Volume: 35.76 bbl	Tool Weight: 2200.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: inches	Volume: 0.00 bbl	Weight set on Packer: 23000.00 lb
Drill Collar:	Length: 241.00 ft	Diameter: 2.25 inches	Volume: 1.19 bbl	Weight to Pull Loose: 53000.00 lb
			<u>Total Volume: 36.95 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	20.00 ft			String Weight: Initial 54000.00 lb
Depth to Top Packer:	2796.00 ft			Final 51000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	14.00 ft			
Tool Length:	40.00 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			2771.00	
Shut In Tool	5.00			2776.00	
Hydraulic tool	5.00			2781.00	
Jars	4.00			2785.00	
Safety Joint	2.00			2787.00	
Packer	5.00			2792.00	26.00 Bottom Of Top Packer
Packer	4.00			2796.00	
Stubb	1.00			2797.00	
Recorder	0.00	6773	Outside	2797.00	
Recorder	0.00	8676	Inside	2797.00	
Perforations	10.00			2807.00	
Bullnose	3.00			2810.00	14.00 Bottom Packers & Anchor

Total Tool Length: 40.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Palomino Petroleum, Inc.

33-26S-3E Butler,KS

4924 SE 84th Street
New ton, KS 67114-8827

Wolf #1

Job Ticket: 52316

DST#: 2

ATTN: Klee Watchous

Test Start: 2013.05.17 @ 11:22:00

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: 45.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.78 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1400.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
30.00	Slight oil cut mud 1%o 99%m	0.148

Total Length: 30.00 ft

Total Volume: 0.148 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

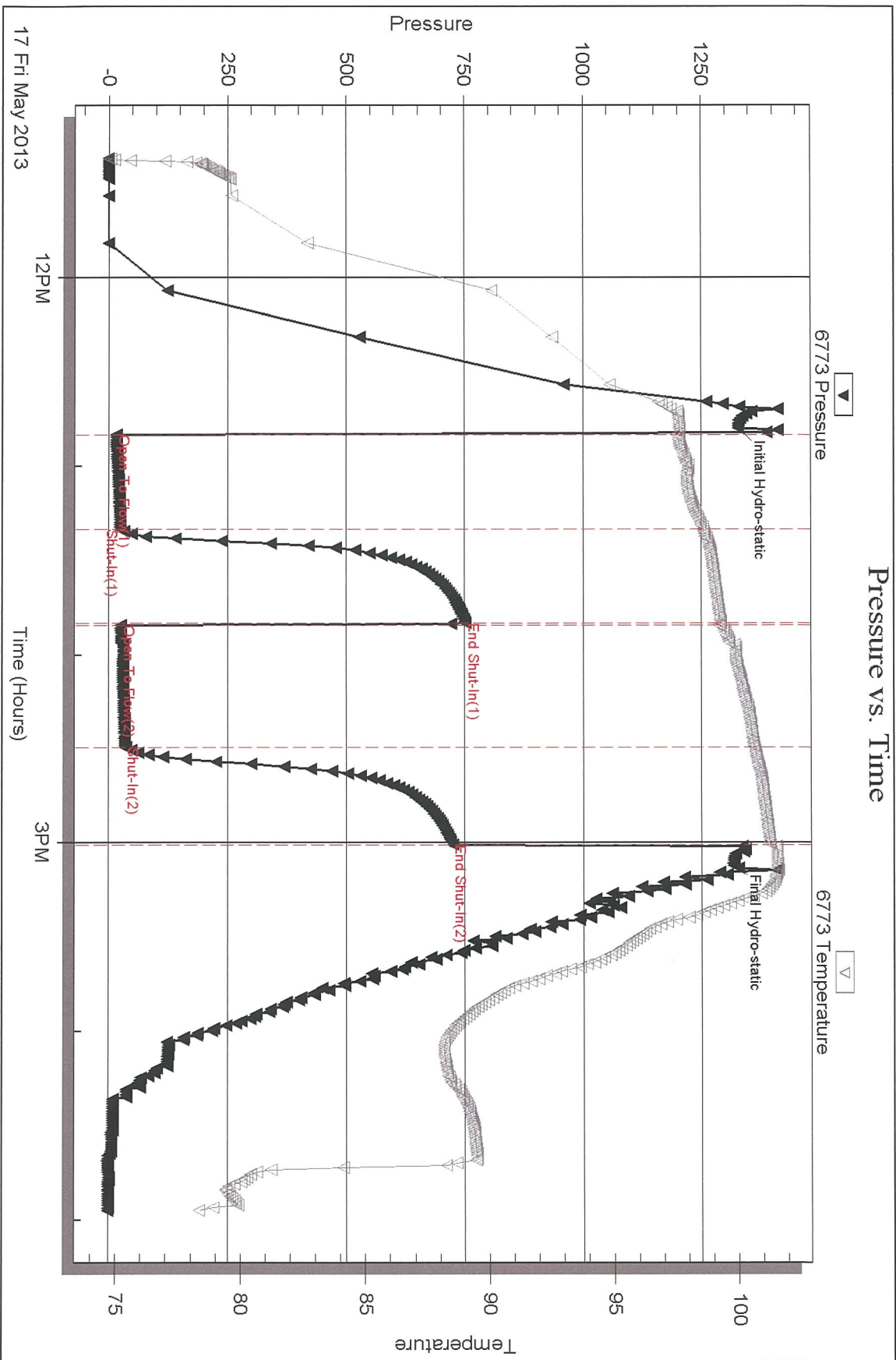
Recovery Comments:

Serial #: 6773

Outside Palomino Petroleum, Inc.

Wolf #1

DST Test Number: 2



Triobite Testing, Inc

Ref. No: 52316

Printed: 2013.05.24 @ 11:22:08

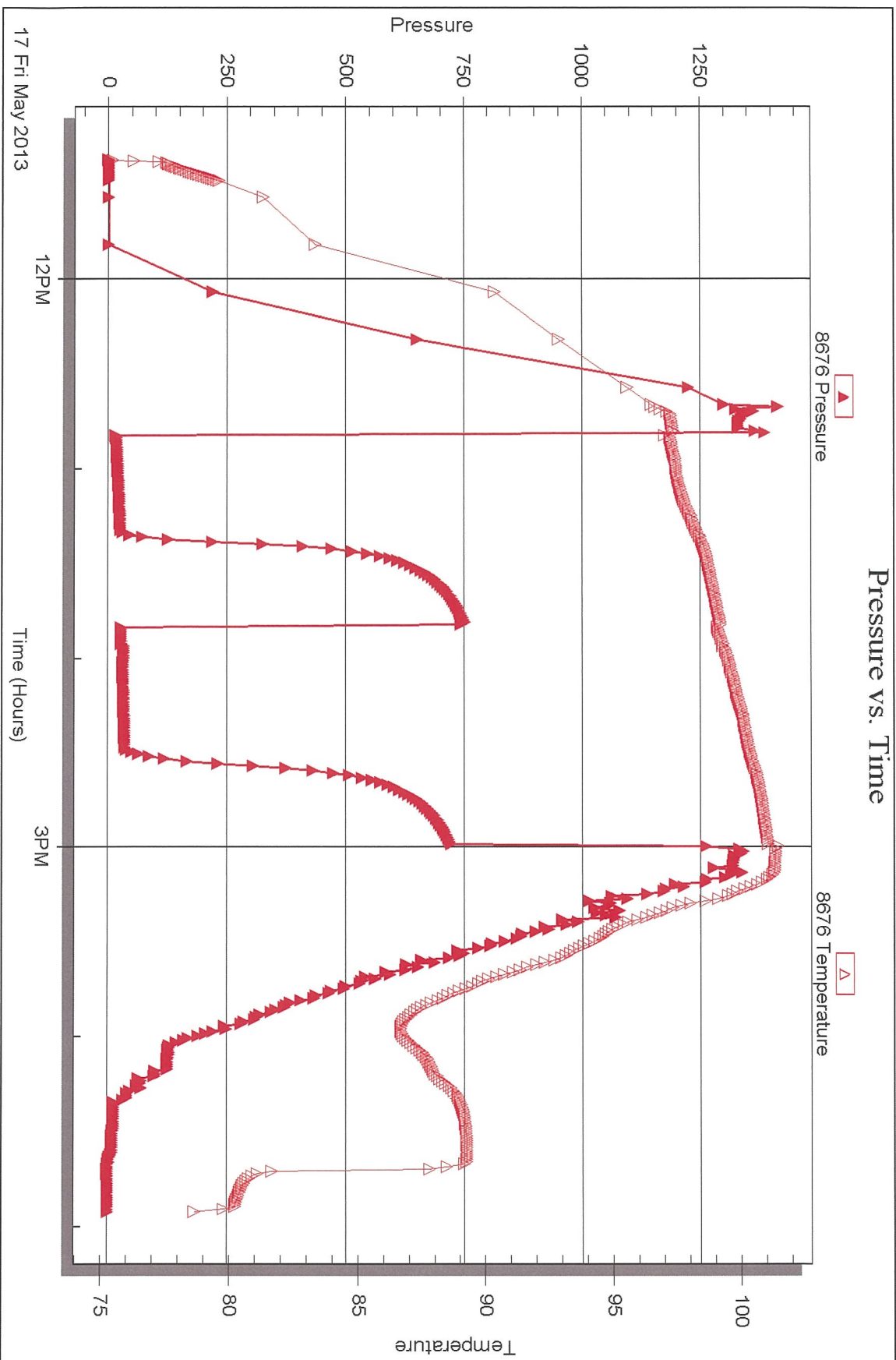
Serial #: 8676

Inside

Palomino Petroleum, Inc.

Wolf #1

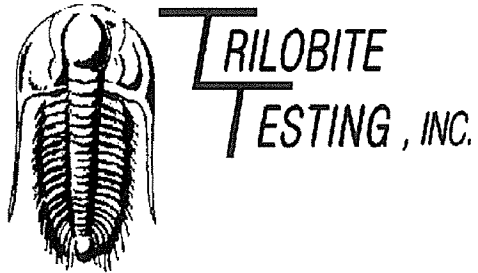
DST Test Number: 2



Triobite Testing, Inc

Ref. No: 52316

Printed: 2013.05.24 @ 11:22:09



DRILL STEM TEST REPORT

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

4924 SE 84th Street
Newton, KS 67114-8827

ATTN: Klee Watchous

Wolf #1

33-26S-3E Butler,KS

Start Date: 2013.05.17 @ 22:25:00

End Date: 2013.05.18 @ 04:26:45

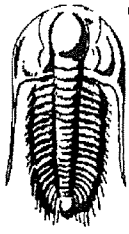
Job Ticket #: 52317 DST #: 3

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2013.05.24 @ 11:21:21



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Palomino Petroleum, Inc.
 4924 SE 84th Street
 Newton, KS 67114-8827
 ATTN: Klee Watchous

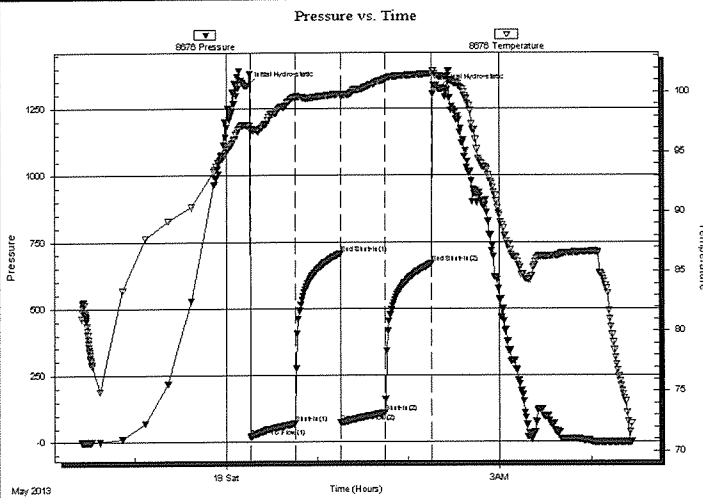
33-26S-3E Butler, KS
Wolf #1
 Job Ticket: 52317 **DST#: 3**
 Test Start: 2013.05.17 @ 22:25:00

GENERAL INFORMATION:

Formation: **Mississippian**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 00:16:00
 Time Test Ended: 04:26:45
 Interval: **2796.00 ft (KB) To 2823.00 ft (KB) (TVD)**
 Total Depth: **2823.00 ft (KB) (TVD)**
 Hole Diameter: **7.88 inches** Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Jimmy Ricketts
 Unit No: 47
 Reference Elevations: 1350.00 ft (KB)
 1341.00 ft (CF)
 KB to GR/CF: 9.00 ft

Serial #: 8676 Outside
 Press@RunDepth: 109.91 psig @ 2797.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2013.05.17 End Date: 2013.05.18 Last Calib.: 2013.05.17
 Start Time: 22:25:05 End Time: 04:26:44 Time On Btm: 2013.05.18 @ 00:14:15
 Time Off Btm: 2013.05.18 @ 02:20:15

TEST COMMENT: Weak blow building to 7" initial flow period.
 Weak blow building to 5" final flow period.



PRESSURE SUMMARY

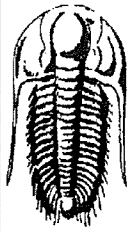
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1337.16	97.19	Initial Hydro-static
2	18.43	96.77	Open To Flow (1)
31	68.94	99.55	Shut-In(1)
61	706.25	99.82	End Shut-In(1)
62	72.00	99.61	Open To Flow (2)
91	109.91	101.08	Shut-In(2)
121	667.95	101.52	End Shut-In(2)
126	1324.71	101.29	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
75.00	Drilling mud	0.37
120.00	Heavy mud cut w ater 76% water & 24% 0.59	

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Palomino Petroleum, Inc.
4924 SE 84th Street
New ton, KS 67114-8827
ATTN: Klee Watchous

33-26S-3E Butler,KS
Wolf #1
Job Ticket: 52317 **DST#: 3**
Test Start: 2013.05.17 @ 22:25:00

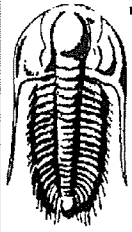
Tool Information

Drill Pipe:	Length: 2549.00 ft	Diameter: 3.80 inches	Volume: 35.76 bbl	Tool Weight: 2200.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: inches	Volume: 0.00 bbl	Weight set on Packer: 22000.00 lb
Drill Collar:	Length: 240.00 ft	Diameter: 2.25 inches	Volume: 1.18 bbl	Weight to Pull Loose: 54000.00 lb
			<u>Total Volume: 36.94 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	19.00 ft			String Weight: Initial 52000.00 lb
Depth to Top Packer:	2796.00 ft			Final 51000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	27.00 ft			
Tool Length:	53.00 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			2771.00	
Shut In Tool	5.00			2776.00	
Hydraulic tool	5.00			2781.00	
Jars	4.00			2785.00	
Safety Joint	2.00			2787.00	
Packer	5.00			2792.00	26.00 Bottom Of Top Packer
Packer	4.00			2796.00	
Stubb	1.00			2797.00	
Recorder	0.00	8676	Outside	2797.00	
Recorder	0.00	6773	Inside	2797.00	
Perforations	23.00			2820.00	
Bullnose	3.00			2823.00	27.00 Bottom Packers & Anchor

Total Tool Length: 53.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Palomino Petroleum, Inc.
4924 SE 84th Street
New ton, KS 67114-8827
ATTN: Klee Watchous

33-26S-3E Butler,KS
Wolf #1
Job Ticket: 52317 **DST#: 3**
Test Start: 2013.05.17 @ 22:25:00

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:	28000 ppm
Viscosity: 45.00 sec/qt	Cushion Volume: bbl		
Water Loss: 8.78 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 1400.00 ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

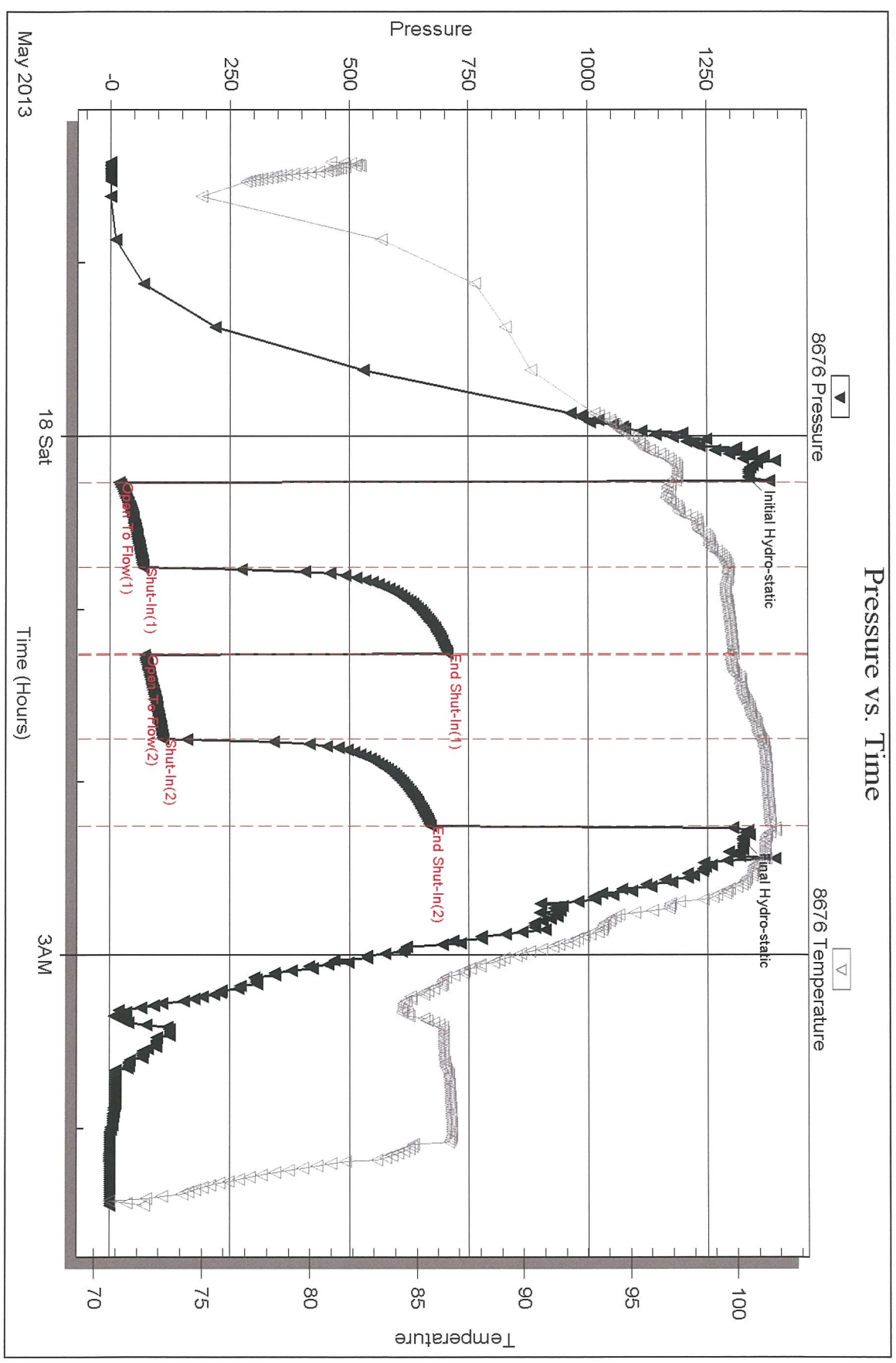
Length ft	Description	Volume bbl
75.00	Drilling mud	0.369
120.00	Heavy mud cut w ater 76% w ater & 24% mud	0.590

Total Length: 195.00 ft Total Volume: 0.959 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments:



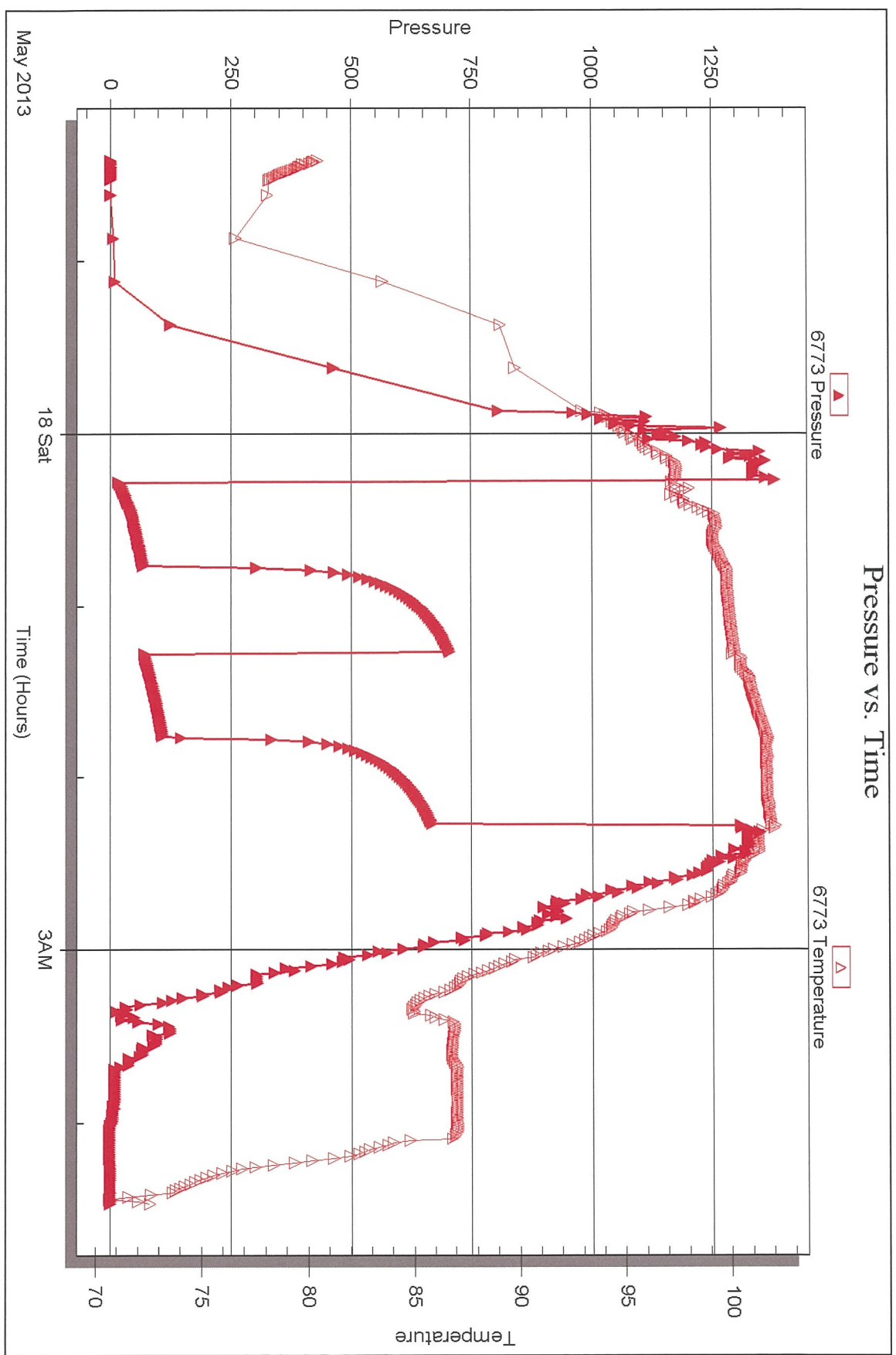
Serial #: 6773

Inside

Palomno Petroleum, Inc.

Wofl #1

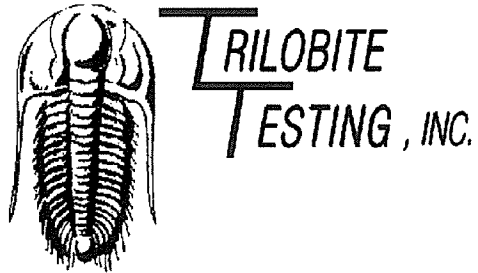
DST Test Number: 3



Trilobite Testing, Inc

Ref. No: 52317

Printed: 2013.05.24 @ 11:21:24



DRILL STEM TEST REPORT

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

4924 SE 84th Street
Newton, KS 67114-8827

ATTN: Klee Watchous

Wolf #1

33-26S-3E Butler,KS

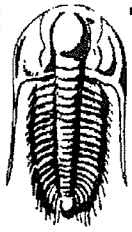
Start Date: 2013.05.19 @ 15:40:00

End Date: 2013.05.19 @ 23:14:00

Job Ticket #: 52318 DST #: 4

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

Printed: 2013.05.24 @ 11:20:15



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Palomino Petroleum, Inc.
4924 SE 84th Street
Newton, KS 67114-8827
ATTN: Klee Watchous

33-26S-3E Butler,KS
Wolf #1
Job Ticket: 52318 **DST#: 4**
Test Start: 2013.05.19 @ 15:40:00

GENERAL INFORMATION:

Formation: **Simpson**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 18:10:45
Time Test Ended: 23:14:00

Test Type: Conventional Bottom Hole (Initial)
Tester: Jimmy Ricketts
Unit No: 47

Interval: **3209.00 ft (KB) To 3225.00 ft (KB) (TVD)**
Total Depth: 3225.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 1350.00 ft (KB)
1341.00 ft (CF)
KB to GR/CF: 9.00 ft

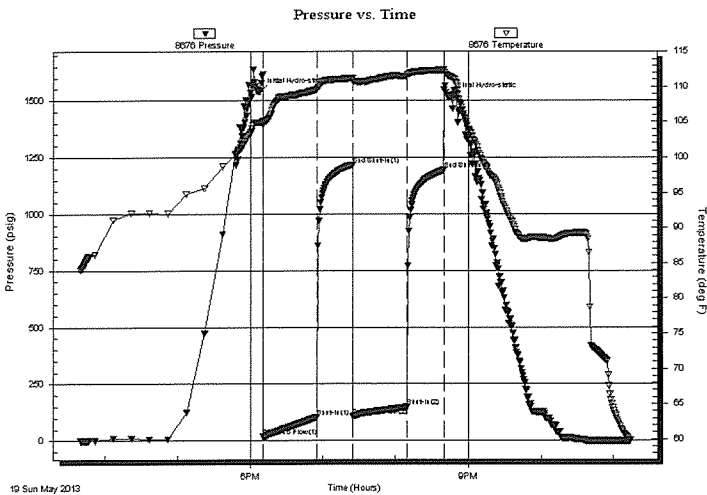
Serial #: 8676

Outside

Press@RunDepth: 148.46 psig @ 3210.00 ft (KB)
Start Date: 2013.05.19 End Date: 2013.05.19
Start Time: 15:40:05 End Time: 23:13:59

Capacity: 8000.00 psig
Last Calib.: 2013.05.20
Time On Btm: 2013.05.19 @ 18:08:00
Time Off Btm: 2013.05.19 @ 20:45:45

TEST COMMENT: Weak blow building to 10" initial flow period.
Weak blow building to 8" final flow period.



PRESSURE SUMMARY

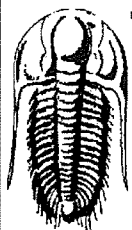
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1539.27	104.90	Initial Hydro-static
3	18.01	104.67	Open To Flow (1)
48	104.07	109.63	Shut-In(1)
77	1217.08	111.19	End Shut-In(1)
78	106.11	110.73	Open To Flow (2)
122	148.46	111.45	Shut-In(2)
152	1192.86	112.37	End Shut-In(2)
158	1517.13	111.38	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
290.00	MCW w ith trace O 83% w 17% m	1.88

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Palomino Petroleum, Inc.
4924 SE 84th Street
New ton, KS 67114-8827
ATTN: Klee Watchous

33-26S-3E Butler,KS
Wolf #1
Job Ticket: 52318 **DST#: 4**
Test Start: 2013.05.19 @ 15:40:00

GENERAL INFORMATION:

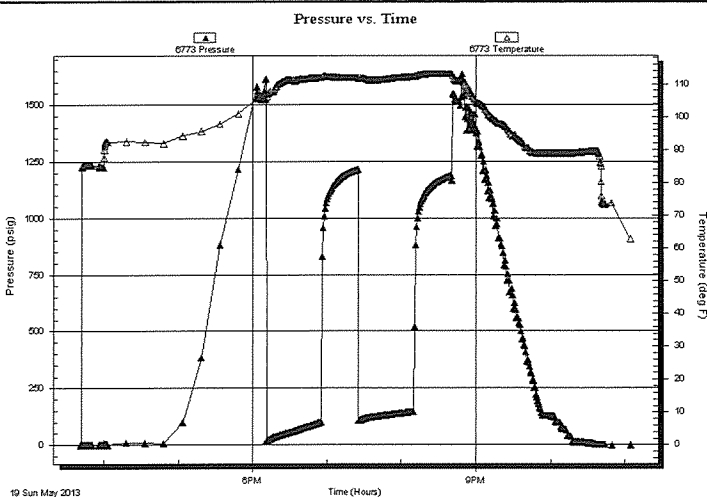
Formation: **Simpson**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 18:10:45
Time Test Ended: 23:14:00
Interval: **3209.00 ft (KB) To 3225.00 ft (KB) (TVD)**
Total Depth: 3225.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair
Test Type: Conventional Bottom Hole (Initial)
Tester: Jimmy Ricketts
Unit No: 47
Reference Elevations: 1350.00 ft (KB)
1341.00 ft (CF)
KB to GR/CF: 9.00 ft

Serial #: 6773

Inside

Press@RunDepth: psig @ 3210.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2013.05.19 End Date: 2013.05.19 Last Calib.: 1899.12.30
Start Time: 15:41:20 End Time: 23:09:39 Time On Btm:
Time Off Btm:

TEST COMMENT: Weak blow building to 10" initial flow period.
Weak blow building to 8" final flow period.



PRESSURE SUMMARY

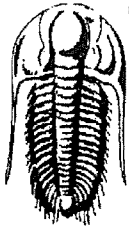
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

Recovery

Length (ft)	Description	Volume (bbl)
290.00	MCW with trace O 83% w 17% m	1.88

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Palomino Petroleum, Inc.
4924 SE 84th Street
New ton, KS 67114-8827
ATTN: Klee Watchous

33-26S-3E Butler,KS
Wolf #1
Job Ticket: 52318 **DST#: 4**
Test Start: 2013.05.19 @ 15:40:00

Tool Information

Drill Pipe:	Length: 2957.00 ft	Diameter: 3.80 inches	Volume: 41.48 bbl	Tool Weight: 2200.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 240.00 ft	Diameter: 2.25 inches	Volume: 1.18 bbl	Weight to Pull Loose: 59000.00 lb
			<u>Total Volume: 42.66 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	14.00 ft			String Weight: Initial 56000.00 lb
Depth to Top Packer:	3209.00 ft			Final 58000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	16.00 ft			
Tool Length:	42.00 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			3184.00	
Shut In Tool	5.00			3189.00	
Hydraulic tool	5.00			3194.00	
Jars	4.00			3198.00	
Safety Joint	2.00			3200.00	
Packer	5.00			3205.00	26.00 Bottom Of Top Packer
Packer	4.00			3209.00	
Stubb	1.00			3210.00	
Recorder	0.00	8676	Outside	3210.00	
Recorder	0.00	6773	Inside	3210.00	
Perforations	12.00			3222.00	
Bullnose	3.00			3225.00	16.00 Bottom Packers & Anchor

Total Tool Length: 42.00



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Palomino Petroleum, Inc.
4924 SE 84th Street
New ton, KS 67114-8827
ATTN: Klee Watchous

33-26S-3E Butler,KS
Wolf #1
Job Ticket: 52318 **DST#: 4**
Test Start: 2013.05.19 @ 15:40:00

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:	1500 ppm
Viscosity: 48.00 sec/qt	Cushion Volume: bbl		
Water Loss: 8.79 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 1200.00 ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

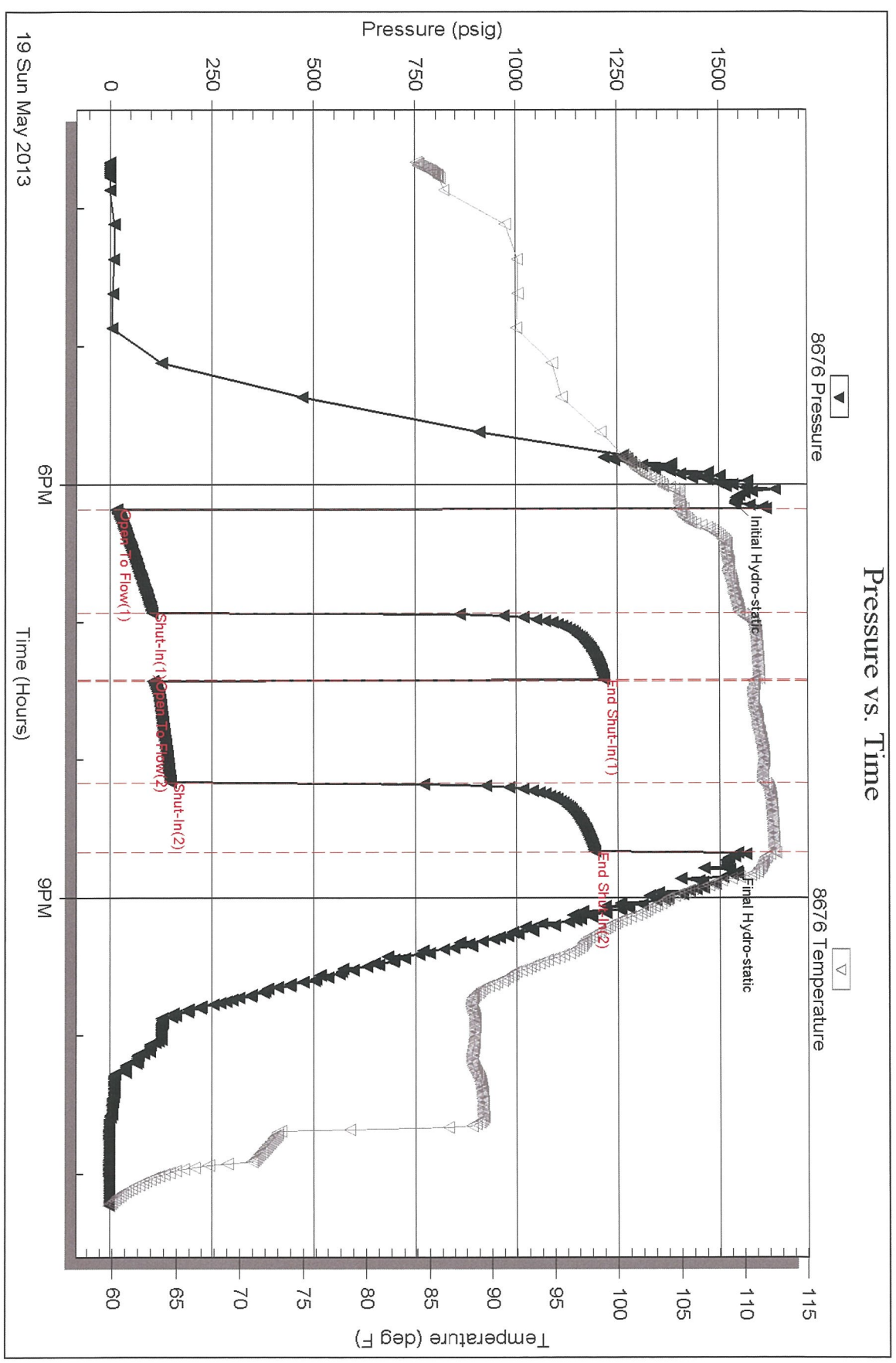
Length ft	Description	Volume bbl
290.00	MCW with trace O 83% w 17%m	1.882

Total Length: 290.00 ft Total Volume: 1.882 bbl

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

Laboratory Name: Laboratory Location:

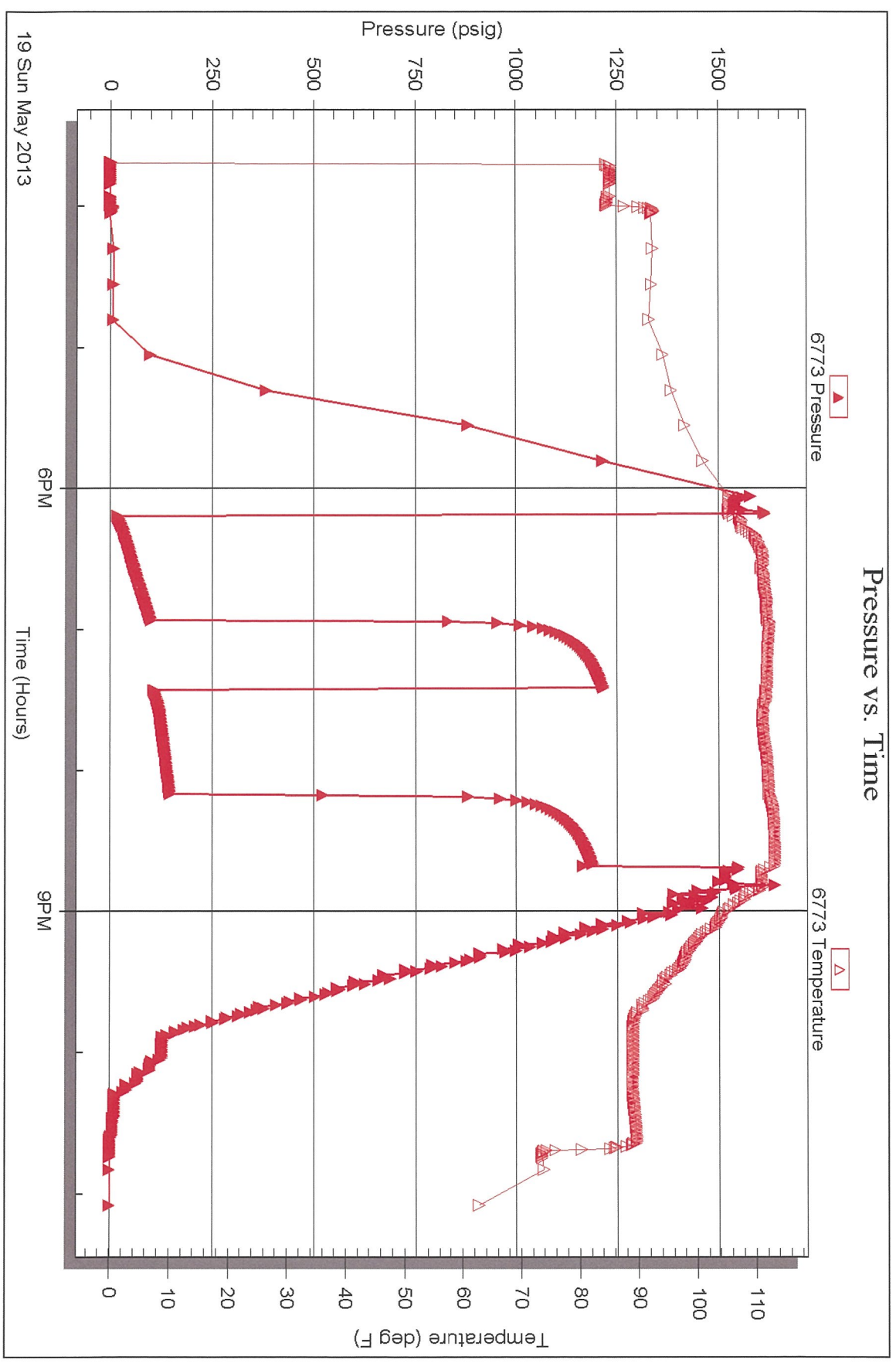
Recovery Comments:

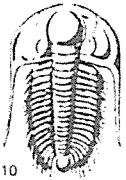


Serial #: 6773 Inside Palomino Petroleum, Inc.

Wolf #1

DST Test Number: 4





TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 52315

Well Name & No. Wolf #1 Test No. 1 Date 5-16-13
 Company Palomino Petroleum, Inc. Elevation 1350 KB 1341 GL
 Address 4924 SE 84th Street, Newton, KS 67114-8827
 Co. Rep / Geo. Klee Watchous / Nick Gersther Rig C+G #2
 Location: Sec. 33 Twp. 26S Rge. 3 E Co. Butler State KS

Interval Tested 2466-2511 Zone Tested Hertha
 Anchor Length 45' Drill Pipe Run 2203 Mud Wt. 9.3
 Top Packer Depth 2461 Drill Collars Run 240 Vis 50
 Bottom Packer Depth 2466 Wt. Pipe Run 0 WL 8.8
 Total Depth 2511 Chlorides 1500 ppm System LCM
 Blow Description WBBT 29 min into IFP
WBBT 9" FFP

Rec	Feet of	%gas	%oil	%water	%mud
<u>295</u>	<u>HMCW</u>		<u>73</u>	<u>27</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

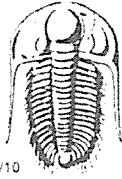
Rec Total 295 BHT 99 Gravity _____ API RW _____ @ _____ °F Chlorides 20,000 ppm

(A) Initial Hydrostatic 1172 Test 1150 T-On Location 0940
 (B) First Initial Flow 17 Jars 250 T-Started 1120
 (C) First Final Flow 99 Safety Joint 75 T-Open 1231
 (D) Initial Shut-In 896 Circ Sub _____ T-Pulled 1436
 (E) Second Initial Flow 103 Hourly Standby _____ T-Out 1600
 (F) Second Final Flow 147 Mileage RT 210 325.50 Comments RT 1054
 (G) Final Shut-In 881 Sampler _____
 (H) Final Hydrostatic 1139 Straddle _____ Ruined Shale Packer _____
 Shale Packer _____ Ruined Packer _____
 Extra Packer _____ Extra Copies _____
 Extra Recorder _____ Sub Total 0
 Day Standby _____ Total 1800.50
 Accessibility _____ MP/DST Disc't _____
 Sub Total 1800.50

Approved By _____

Our Representative Jimmy Ricketts

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. 52316

Well Name & No. Wolf #1 Test No. 2 Date 5-17-13
 Company Palomino Petroleum Inc. Elevation 1350 KB 1341 GL
 Address 4924 SE 84th Street, Newton, Ks. 67114-8827
 Co. Rep / Geo. Klee Watchous / Nick Gerstner Rig C + G #2
 Location: Sec. 33 Twp. 26S Rge. 3E Co. Butler State KS.

Interval Tested 2796-2810 Zone Tested Mississippian
 Anchor Length 14 Drill Pipe Run 2549 Mud Wt. 9.3
 Top Packer Depth 2791 Drill Collars Run 240 Vis 4S
 Bottom Packer Depth 2796 Wt. Pipe Run 0 WL 8.8
 Total Depth 2810 Chlorides 1400 ppm System LCM
 Blow Description Weak Blow Building to 1" IFF
No BBT 1/2" FFP

Rec	Feet of	%gas	%oil	%water	%mud
<u>20</u>	<u>Slight OCM</u>		<u>1</u>		<u>99</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 30 BHT 102 Gravity _____ API RW _____ @ _____ ° F Chlorides _____ ppm

(A) Initial Hydrostatic 1328 Test 1150 T-On Location 1100
 (B) First Initial Flow 16 Jars 250 T-Started 1130
 (C) First Final Flow 25 Safety Joint 75 T-Open 1250
 (D) Initial Shut-In 752 Circ Sub _____ T-Pulled 1500
 (E) Second Initial Flow 26 Hourly Standby _____ T-Out 1700
 (F) Second Final Flow 35 Mileage 44-RT 68.20 Comments RT 1122
 (G) Final Shut-In 724 Sampler _____
 (H) Final Hydrostatic 1317 Straddle _____
 Shale Packer _____
 Extra Packer _____
 Extra Recorder _____
 Day Standby _____
 Accessibility _____

Initial Open 30
 Initial Shut-In 30
 Final Flow 40
 Final Shut-In 30

Sub Total 1543.20
 Total 1543.20
 MP/DST Disc't _____

Approved By _____ Our Representative Jimmy Picketts

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

09

Test Ticket

NO. 52317

Well Name & No. Wolf #1 Test No. 3 Date 8-18-13
 Company Palomino Petroleum, Inc. Elevation 1350 KB 1341 GL
 Address 4924 SE 84th Street, Newton, KS. 67114-8827
 Co. Rep / Geo. Klee Watchous / Nick Gerstner Rig CAG #2
 Location: Sec. 33 Twp. 26S Rge. 3E Co. Butler State KS

Interval Tested 2796-2823 Zone Tested Mississippian
 Anchor Length 27 Drill Pipe Run 2549 Mud Wt. 9.3
 Top Packer Depth 2791 Drill Collars Run 240 Vis 45
 Bottom Packer Depth 2796 Wt. Pipe Run 0 WL 8.8
 Total Depth 2823 Chlorides 1400 ppm System LCM
 Blow Description WBBT 7 inches IFP
WBBT 5 inches FFA

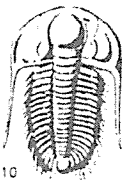
Rec	Feet of	%gas	%oil	%water	%mud
<u>75</u>	<u>Drilling Mud</u>			<u>100</u>	
<u>120</u>	<u>Hmcw</u>		<u>76</u>	<u>24</u>	

Rec Total 195 BHT 102 Gravity _____ API RW _____ @ _____ °F Chlorides 28000 ppm

(A) Initial Hydrostatic 1337 Test 1150 T-On Location 2200
 (B) First Initial Flow 18 Jars 250 T-Started 22:35
 (C) First Final Flow 69 Safety Joint 75 T-Open 0016
 (D) Initial Shut-In 706 Circ Sub _____ T-Pulled 0216
 (E) Second Initial Flow 72 Hourly Standby _____ T-Out 0400
 (F) Second Final Flow 110 Mileage 48 68.20 Comments RT-2225
 (G) Final Shut-In 668 Sampler _____
 (H) Final Hydrostatic 1325 Straddle _____ Ruined Shale Packer _____
 Shale Packer _____ Ruined Packer _____
 Extra Packer _____ Extra Copies _____
 Extra Recorder _____ Sub Total 0
 Day Standby _____ Total 1543.20
 Accessibility _____ MP/DST Disc't _____
 Sub Total 1543.20

Approved By _____ Our Representative Jimmy Ricketts

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. 52318

Well Name & No. Wolf #1 Test No. 4 Date 5-19-13
 Company Palomino Petroleum, Inc. Elevation 1350 KB 1341 GL
 Address 4924 SE 84th Street, Newton, KS 67114-8827
 Co. Rep / Geo. Nick Gerstner Rig C + G #2
 Location: Sec. 33 Twp. 26S Rge. 3E Co. Butler State KS

Interval Tested 3209 - 3225 Zone Tested Simpson
 Anchor Length 16 Drill Pipe Run 2957 Mud Wt. 9.4
 Top Packer Depth 3204 Drill Collars Run 240 Vis 48
 Bottom Packer Depth 3209 Wt. Pipe Run 0 WL 8.8
 Total Depth 3225 Chlorides 1200 ppm System LCM
 Blow Description WBBT 10 inches IFF
WBBT 8 inches FEP

Rec	Feet of	%gas	%oil	%water	%mud
<u>290</u>	<u>MCW with Trace Oil</u>	<u>TR</u>	<u>83</u>	<u>17</u>	
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 290 BHT 112 Gravity _____ API RW _____ @ _____ °F Chlorides 1500 ppm

(A) Initial Hydrostatic <u>1539</u>	<input checked="" type="checkbox"/> Test <u>1150</u>	T-On Location <u>1600</u>
(B) First Initial Flow <u>18</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>1700</u>
(C) First Final Flow <u>104</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>1811</u>
(D) Initial Shut-In <u>1217</u>	<input type="checkbox"/> Circ Sub _____	T-Pulled <u>2041'</u>
(E) Second Initial Flow <u>106</u>	<input type="checkbox"/> Hourly Standby _____	T-Out <u>2230</u>
(F) Second Final Flow <u>148</u>	<input checked="" type="checkbox"/> Mileage <u>RT-44</u> x2 136.40	Comments <u>RT-1640</u>
(G) Final Shut-In <u>1193</u>	<input type="checkbox"/> Sampler _____	loaded tools 16:00 on 5/20
(H) Final Hydrostatic <u>1517</u>	<input type="checkbox"/> Straddle _____	<input type="checkbox"/> Ruined Shale Packer _____
Initial Open <u>45</u>	<input type="checkbox"/> Shale Packer _____	<input type="checkbox"/> Ruined Packer _____
Initial Shut-In <u>30</u>	<input type="checkbox"/> Extra Packer _____	<input type="checkbox"/> Extra Copies _____
Final Flow <u>45</u>	<input type="checkbox"/> Extra Recorder _____	Sub Total <u>0</u>
Final Shut-In <u>30</u>	<input type="checkbox"/> Day Standby _____	Total <u>1611.40</u>
	<input type="checkbox"/> Accessibility _____	MP/DST Disc't _____
	Sub Total <u>1611.40</u>	

Approved By _____ Our Representative Jimmy Pinkert

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