

CONSOLIDATED
Oil Well Services, LLC

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

RECEIVED

JUL 21 2014

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

INVOICE

Invoice # 269396

Invoice Date: 07/18/2014 Terms: 10/10/10,n/30

Page 1

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

FMR #2
47009
3-18-25
7-10-14
KS

Part Number	Description	Qty	Unit Price	Total
1131	60/40 POZ MIX	220.00	15.8600	3489.20
1118B	PREMIUM GEL / BENTONITE	757.00	.2700	204.39
1107	FLO-SEAL (25#)	55.00	2.9700	163.35
4432	8 5/8" WOODEN PLUG	1.00	100.7500	100.75

Sublet Performed	Description	Total
9995-130	CEMENT EQUIPMENT DISCOUNT	-215.59
9996-130	CEMENT MATERIAL DISCOUNT	-395.77

	Description	Hours	Unit Price	Total
397	TON MILEAGE DELIVERY	1.00	577.15	577.15
399	CEMENT PUMP	1.00	1395.00	1395.00
399	EQUIPMENT MILEAGE (ONE WAY)	35.00	5.25	183.75

Amount Due 6357.00 if paid after 07/28/2014

Parts:	3957.69	Freight:	.00	Tax:	219.07	AR	5721.30
Labor:	.00	Misc:	.00	Total:	5721.30		
Sublt:	-611.36	Supplies:	.00	Change:	.00		

Signed _____ Date _____



CONSOLIDATED
Oil Well Services, LLC

269 396

TICKET NUMBER 47009
LOCATION Oakree, KS
FOREMAN Dave Rothloff

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
7-10-14	6285	FML # 2	3	18	25	Ness
CUSTOMER Palomino			Leired KS 20 L North to Dead End West to Rig:			
MAILING ADDRESS			TRUCK #	DRIVER	TRUCK #	DRIVER
CITY			399	Mike		
STATE			397	Jeff		
ZIP CODE						

JOB TYPE PTH HOLE SIZE 7 1/8 HOLE DEPTH _____ CASING SIZE & WEIGHT _____
 CASING DEPTH _____ DRILL PIPE 4.5 TUBING _____ OTHER _____
 SLURRY WEIGHT 13.8 SLURRY VOL 1.42 WATER gal/sk 6.7 CEMENT LEFT in CASING _____
 DISPLACEMENT _____ DISPLACEMENT PSI _____ MIX PSI _____ RATE _____

REMARKS: Safety meeting. Rig up. Plug as ordered:
50 sks 1650
80 sks 900
40 sks 240
20 sks 60
30 sks RH
Total 220 sks

Thanks Dave + crew

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE	1395.00	1395.00 ✓
5406	35	MILEAGE	5.25	183.75 ✓
5407A	9.4	Top mileage Delivery.	1.75	527.15 ✓
1131	220 sks	60/40 Poz Mix	15.86	3489.20 ✓
1118B	757	Bentonite	.47	207.39 ✓
1107	55	Flo Seal	2.97	163.35 ✓
4432	1	8 3/8 wooden plug	160.75	160.75 ✓
			566	613.59 ✓
			1096	611.36 ✓
			Total	5502.23 ✓

completed

SALES TAX 219.07
ESTIMATED TOTAL 5721.30 ✓

Revin 3737

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.

JUL 14 2014



INVOICE

PO Box 93999
Southlake, TX 76092

Invoice Number: 144202

Invoice Date: Jul 3, 2014

Page: 1

Voice: (817) 546-7282
Fax: (817) 246-3361

Bill To:
Palomino Petroleum, Inc. 4924 SE 84th St. Newton, KS 67114-8827

Customer ID	Field Ticket #	Payment Terms	
Palo	64040	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-01	Oakley	Jul 3, 2014	8/2/14

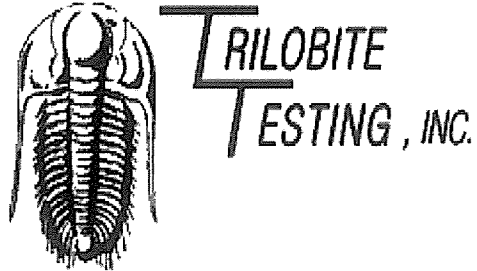
Quantity	Item	Description	Unit Price	Amount
1.00	WELL NAME	FMR #2		
160.00	CEMENT MATERIALS	Class A Common	17.90	2,864.00
301.00	CEMENT MATERIALS	Gel	1.05	316.05
451.00	CEMENT MATERIALS	Chloride	1.10	496.10
173.01	CEMENT SERVICE	Cubic Feet Charge	2.48	429.06
237.00	CEMENT SERVICE	Ton Mileage Charge	2.75	651.75
1.00	CEMENT SERVICE	Surface	1,512.25	1,512.25
30.00	CEMENT SERVICE	Pump Truck Mileage	7.70	231.00
1.00	CEMENT SERVICE	Swedge Manifold Rental	275.00	275.00
30.00	CEMENT SERVICE	Light Vehicle Mileage	4.40	132.00
1.00	CEMENT SUPERVISOR	LaRene Wentz		
1.00	EQUIPMENT OPERATOR	Wayne McGhghy		

ALL PRICES ARE NET, PAYABLE
30 DAYS FOLLOWING DATE OF
INVOICE. 1 1/2% CHARGED
THEREAFTER. IF ACCOUNT IS
CURRENT, TAKE DISCOUNT OF

\$ 1,381.44

ONLY IF PAID ON OR BEFORE
Aug 2, 2014

Subtotal	6,907.21
Sales Tax	226.08
Total Invoice Amount	7,133.29
Payment/Credit Applied	
TOTAL	7,133.29



DRILL STEM TEST REPORT

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

4924 SE 84th St
Newton KS 67114

ATTN: Andrew Stenzel

FMR #2

3-18s-25w Ness,KS

Start Date: 2014.07.07 @ 12:45:00

End Date: 2014.07.07 @ 18:39:30

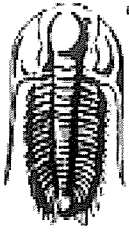
Job Ticket #: 56658 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2014.07.10 @ 11:14:06



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Palomino Petroleum, Inc.

3-18s-25w Ness,KS

4924 SE 84th St
New ton KS 67114

FMR #2

Job Ticket: 56658

DST#: 1

ATTN: Andrew Stenzel

Test Start: 2014.07.07 @ 12:45:00

GENERAL INFORMATION:

Formation: **Marmaton**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 14:49:00

Time Test Ended: 18:39:30

Test Type: Conventional Bottom Hole (Initial)

Tester: Justin Harris

Unit No: 60

Interval: **4004.00 ft (KB) To 4135.00 ft (KB) (TVD)**

Reference Elevations: 2378.00 ft (KB)

Total Depth: 4135.00 ft (KB) (TVD)

2373.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Poor

KB to GR/CF: 5.00 ft

Serial #: 8373

Inside

Press@RunDepth: 47.82 psig @ 4005.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.07.07

End Date:

2014.07.07

Last Calib.: 2014.07.08

Start Time: 00:45:05

End Time:

06:39:29

Time On Btm: 2014.07.07 @ 02:48:30

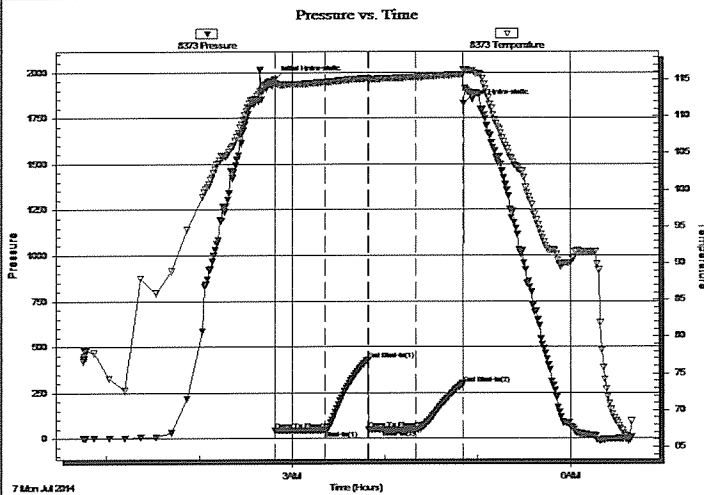
Time Off Btm: 2014.07.07 @ 04:51:00

TEST COMMENT: 30:1/2" Blow .

30: No Return.

30: No Blow .

30: No Return.



PRESSURE SUMMARY

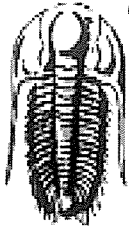
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1960.98	115.01	Initial Hydro-static
1	43.92	114.44	Open To Flow (1)
33	46.55	114.62	Shut-In(1)
61	429.32	115.14	End Shut-In(1)
61	50.05	114.94	Open To Flow (2)
92	47.82	115.30	Shut-In(2)
122	299.04	115.72	End Shut-In(2)
123	1830.75	116.28	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
15.00	Mud	0.07

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Palomino Petroleum, Inc.

3-18s-25w Ness,KS

4924 SE 84th St
New ton KS 67114

FMR #2

Job Ticket: 56658

DST#: 1

ATTN: Andrew Stenzel

Test Start: 2014.07.07 @ 12:45:00

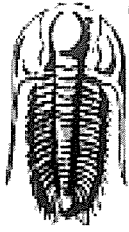
Tool Information

Drill Pipe:	Length: 3869.00 ft	Diameter: 3.80 inches	Volume: 54.27 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: inches	Volume: 0.00 bbl	Weight set on Packer: 30000.00 lb
Drill Collar:	Length: 121.00 ft	Diameter: 2.25 inches	Volume: 0.60 bbl	Weight to Pull Loose: 60000.00 lb
			<u>Total Volume: 54.87 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	14.00 ft			String Weight: Initial 52000.00 lb
Depth to Top Packer:	4004.00 ft			Final 53000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	131.00 ft			
Tool Length:	159.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Stubb	1.00			3977.00	
Shut In Tool	5.00			3982.00	
Hydraulic tool	5.00			3987.00	
Jars	5.00			3992.00	
Safety Joint	3.00			3995.00	
Packer	5.00			4000.00	28.00 Bottom Of Top Packer
Packer	4.00			4004.00	
Stubb	1.00			4005.00	
Recorder	0.00	8373	Inside	4005.00	
Recorder	0.00	8356	Outside	4005.00	
Perforations	27.00			4032.00	
Change Over Sub	1.00			4033.00	
Drill Pipe	96.00			4129.00	
Change Over Sub	1.00			4130.00	
Bullnose	5.00			4135.00	131.00 Bottom Packers & Anchor

Total Tool Length: 159.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Palomino Petroleum, Inc.

3-18s-25w Ness,KS

4924 SE 84th St
New ton KS 67114

FMR #2

Job Ticket: 56658

DST#: 1

ATTN: Andrew Stenzel

Test Start: 2014.07.07 @ 12:45:00

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	0 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	0 ppm
Viscosity: 53.00 sec/qt	Cushion Volume: bbl		
Water Loss: 6.79 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 3300.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
15.00	Mud	0.074

Total Length: 15.00 ft Total Volume: 0.074 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

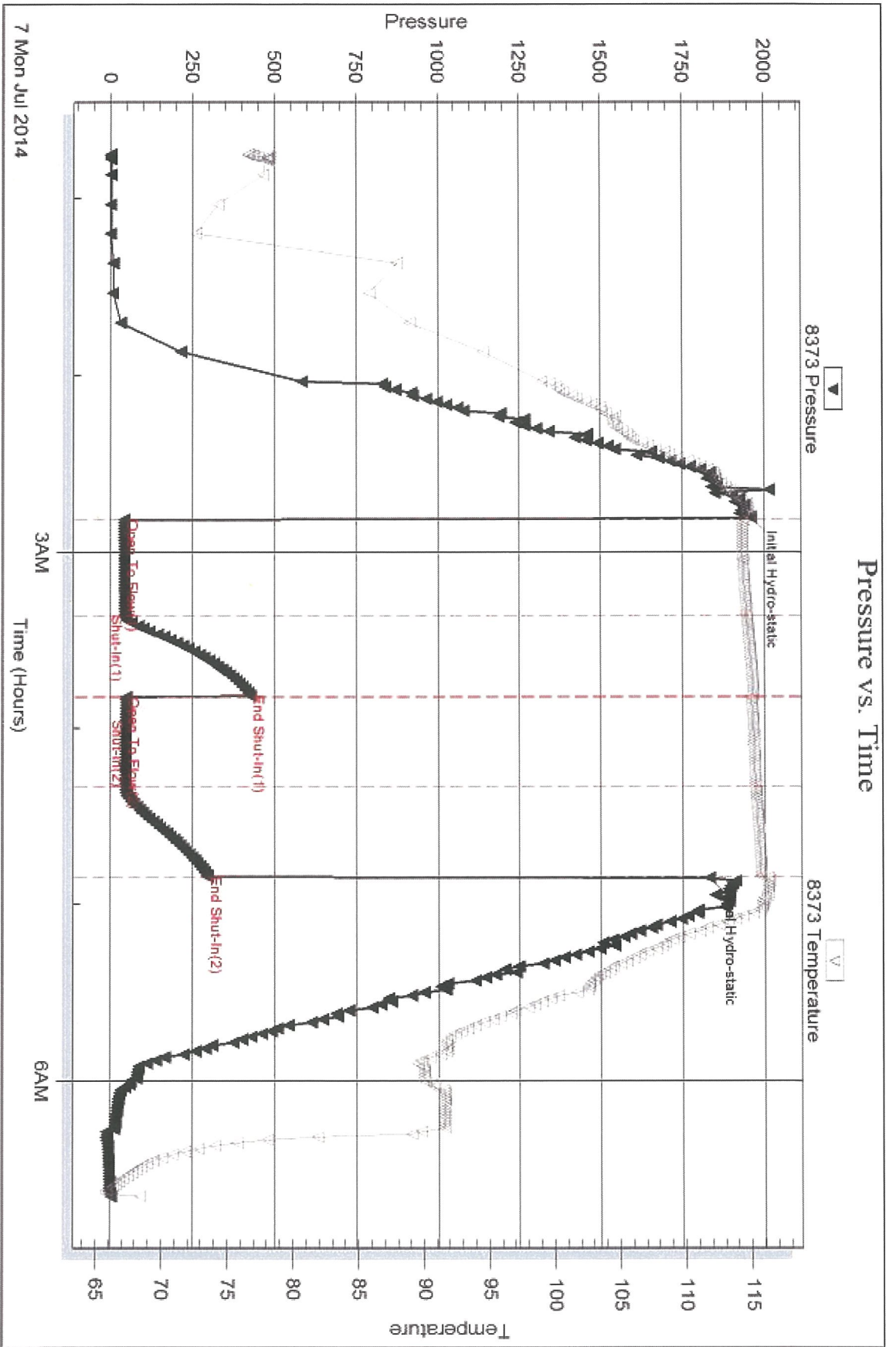
Recovery Comments:

Serial #: 8373

Inside Palomino Petroleum, Inc.

FMR #2

DST Test Number: 1



Triobite Testing, Inc

Ref. No: 56658

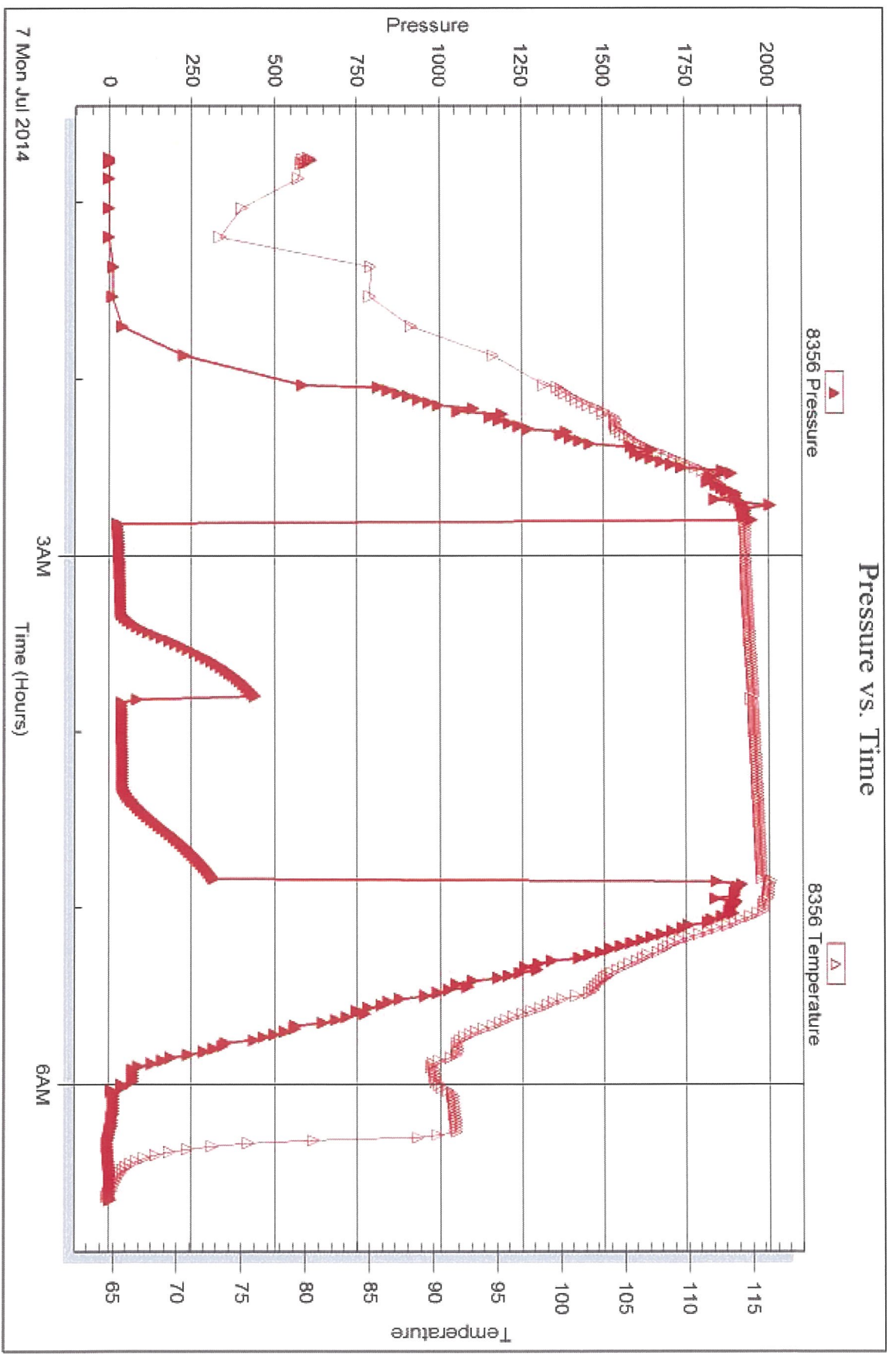
Printed: 2014.07.10 @ 11:14:07

Serial #: 8356

Outside Palomino Petroleum, Inc.

FMR #2

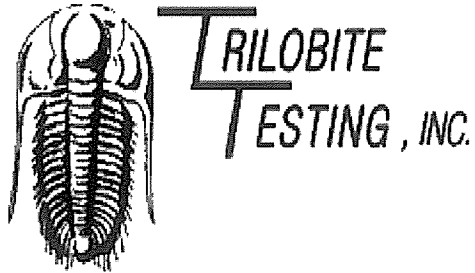
DST Test Number: 1



Tribble Testing, Inc

Ref. No: 56658

Printed: 2014.07.10 @ 11:14:07



DRILL STEM TEST REPORT

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

4924 SE 84th St
Newton KS 67114

ATTN: Andrew Stenzel

FMR #2

3-18s-25w Ness,KS

Start Date: 2014.07.09 @ 01:59:10

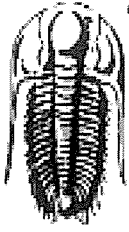
End Date: 2014.07.09 @ 08:29:10

Job Ticket #: 59005 DST #: 2

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

Printed: 2014.07.10 @ 11:13:37

Palomino Petroleum, Inc. 3-18s-25w Ness,KS FMR #2 DST # 2 Miss 2014.07.09



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Palomino Petroleum, Inc.

3-18s-25w Ness,KS

4924 SE 84th St
New ton KS 67114

FMR #2

Job Ticket: 59005

DST#: 2

ATTN: Andrew Stenzel

Test Start: 2014.07.09 @ 01:59:10

GENERAL INFORMATION:

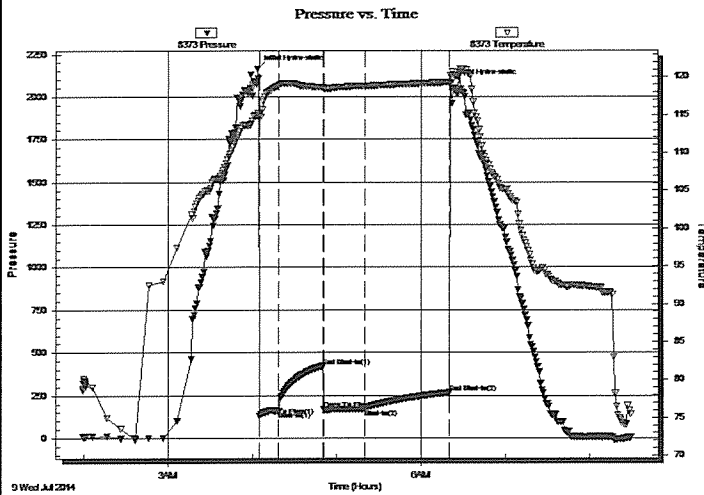
Formation: **Miss**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 04:05:10
 Time Test Ended: 08:29:10
 Interval: **4253.00 ft (KB) To 4332.00 ft (KB) (TVD)**
 Total Depth: 4332.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Poor
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Brandon Turley
 Unit No: 60
 Reference Elevations: 2378.00 ft (KB)
 2373.00 ft (CF)
 KB to GR/CF: 5.00 ft

Serial #: 8373

Inside

Press@RunDepth: 170.73 psig @ 4254.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2014.07.09 End Date: 2014.07.09 Last Calib.: 2014.07.09
 Start Time: 01:59:15 End Time: 08:29:09 Time On Btm: 2014.07.09 @ 04:03:40
 Time Off Btm: 2014.07.09 @ 06:21:10

TEST COMMENT: IF: BOB in 3 min.
 IS: Surface blow built to 7" in 30 min.
 FF: 1/4" blow built to 7" in 30 min.
 FS: No return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2163.86	114.90	Initial Hydro-static
2	128.36	114.74	Open To Flow (1)
16	159.53	118.88	Shut-In(1)
47	417.28	118.62	End Shut-In(1)
48	169.69	118.47	Open To Flow (2)
77	170.73	118.77	Shut-In(2)
137	267.81	119.29	End Shut-In(2)
138	2079.92	120.14	Final Hydro-static

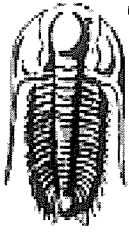
Recovery

Length (ft)	Description	Volume (bbl)
62.00	mcgo 20%g 60%o 20%m	0.30
124.00	mcgo 20%g 40%o 40%m	1.20
164.00	ocm 40%o 60%m	2.30
10.00	free oil 100%o	0.14
0.00	62 GIP	0.00

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Palomino Petroleum, Inc.

3-18s-25w Ness,KS

4924 SE 84th St
New ton KS 67114

FMR #2

Job Ticket: 59005

DST#: 2

ATTN: Andrew Stenzel

Test Start: 2014.07.09 @ 01:59:10

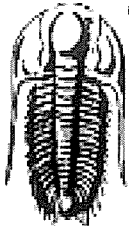
Tool Information

Drill Pipe:	Length: 4125.00 ft	Diameter: 3.80 inches	Volume: 57.86 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 121.00 ft	Diameter: 2.25 inches	Volume: 0.60 bbl	Weight to Pull Loose: 80000.00 lb
			<u>Total Volume: 58.46 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	21.00 ft			String Weight: Initial 55000.00 lb
Depth to Top Packer:	4253.00 ft			Final 57000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	79.00 ft			
Tool Length:	107.00 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			4226.00	
Shut In Tool	5.00			4231.00	
Hydraulic tool	5.00			4236.00	
Jars	5.00			4241.00	
Safety Joint	3.00			4244.00	
Packer	5.00			4249.00	28.00 Bottom Of Top Packer
Packer	4.00			4253.00	
Stubb	1.00			4254.00	
Recorder	0.00	8373	Inside	4254.00	
Recorder	0.00	8356	Outside	4254.00	
Perforations	7.00			4261.00	
Change Over Sub	1.00			4262.00	
Drill Pipe	64.00			4326.00	
Change Over Sub	1.00			4327.00	
Bullnose	5.00			4332.00	79.00 Bottom Packers & Anchor

Total Tool Length: 107.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Palomino Petroleum, Inc.

3-18s-25w Ness,KS

4924 SE 84th St
New ton KS 67114

FMR #2

Job Ticket: 59005

DST#: 2

ATTN: Andrew Stenzel

Test Start: 2014.07.09 @ 01:59:10

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: 57.00 sec/qt

Cushion Volume:

bbl

Water Loss: 6.79 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 3300.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
62.00	mcgo 20%g 60%o 20%m	0.305
124.00	mcgo 20%g 40%o 40%m	1.202
164.00	ocm 40%o 60%m	2.300
10.00	free oil 100%o	0.140
0.00	62 GIP	0.000

Total Length: 360.00 ft Total Volume: 3.947 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

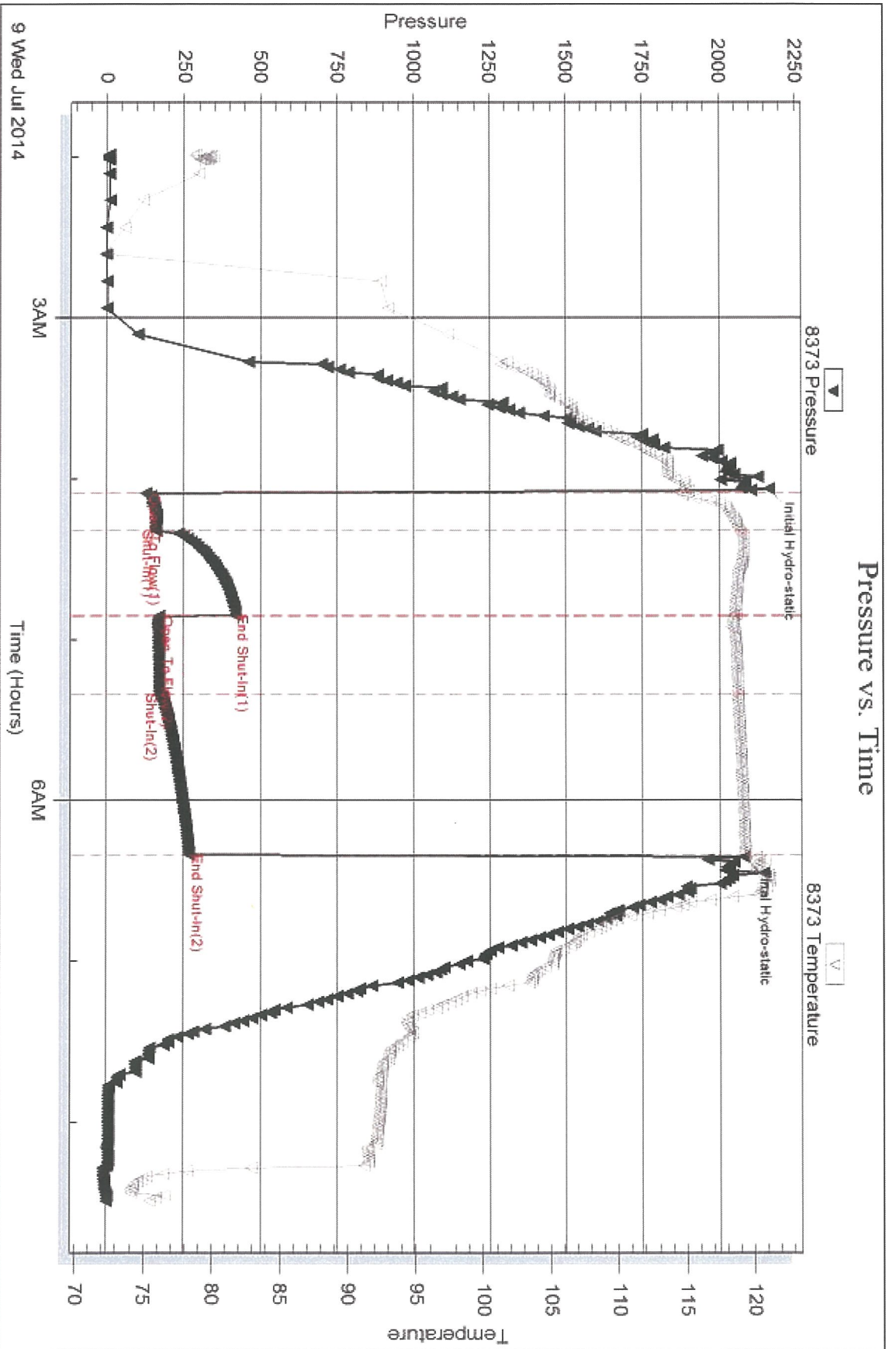
Serial #: 8373

Inside

Palomino Petroleum, Inc.

FWR #2

DST Test Number: 2



Tribble Testing, Inc

Ref. No: 59005

Printed: 2014.07.10 @ 11:13:39

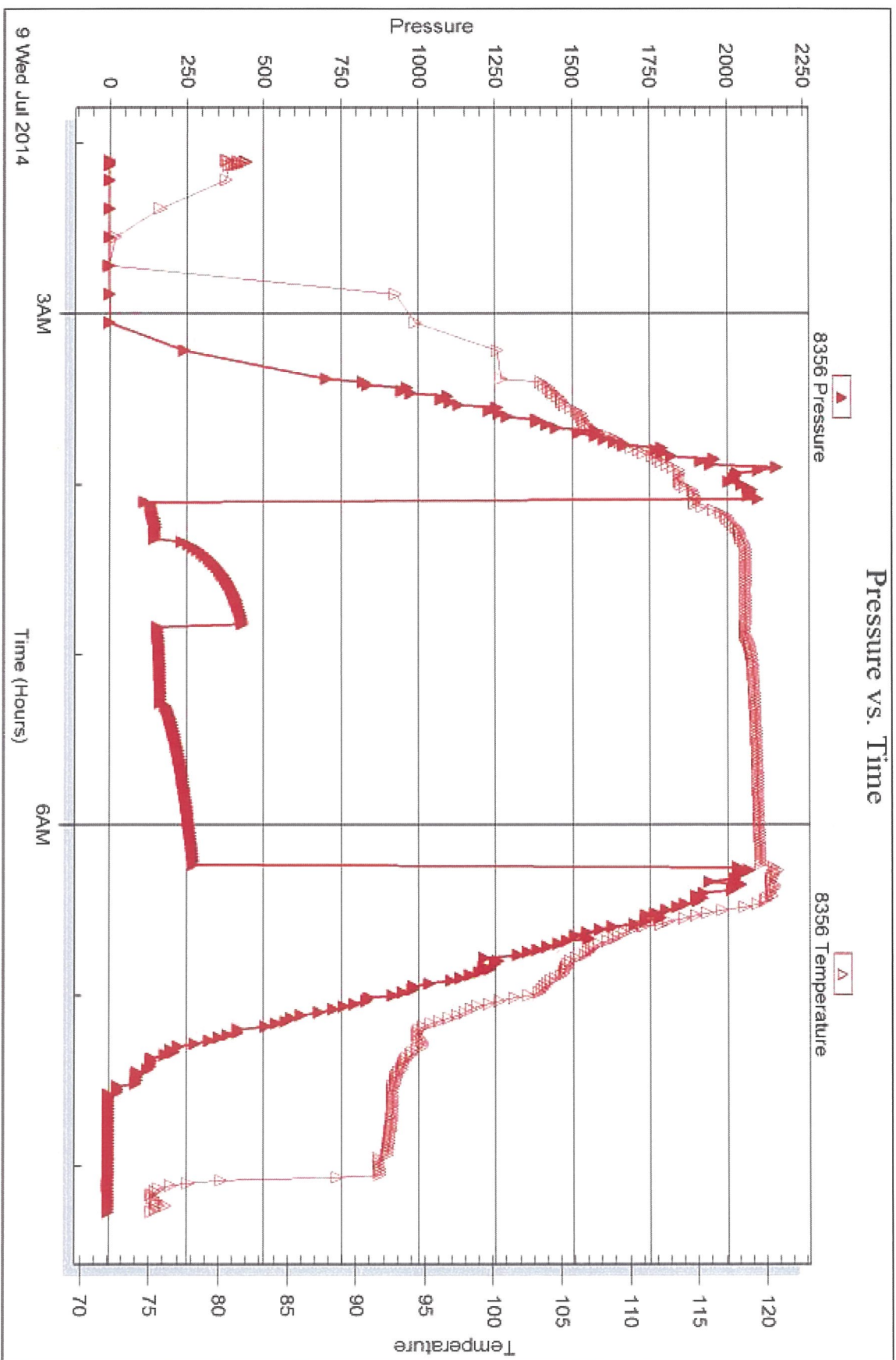
Serial #: 8356

Outside

Palomino Petroleum, Inc.

FMR #2

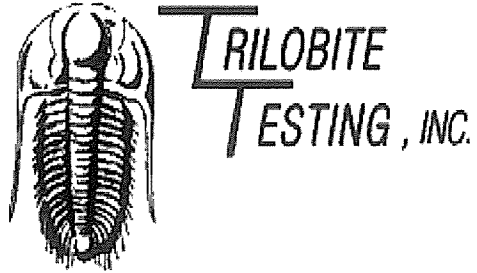
DST Test Number: 2



Trilobite Testing, Inc

Ref. No: 59005

Printed: 2014.07.10 @ 11:13:39



DRILL STEM TEST REPORT

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

4924 SE 84th St
Newton KS 67114

ATTN: Andrew Stenzel

FMR #2

3-18s-25w Ness,KS

Start Date: 2014.07.09 @ 14:30:34

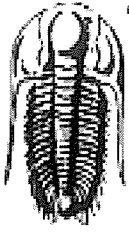
End Date: 2014.07.09 @ 21:12:34

Job Ticket #: 59006 DST #: 3

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

Printed: 2014.07.10 @ 11:13:03

Palomino Petroleum, Inc. 3-18s-25w Ness,KS FMR #2 DST # 3 Miss 2014.07.09



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Palomino Petroleum, Inc.

3-18s-25w Ness, KS

4924 SE 84th St
New ton KS 67114

FMR #2

Job Ticket: 59006

DST#: 3

ATTN: Andrew Stenzel

Test Start: 2014.07.09 @ 14:30:34

GENERAL INFORMATION:

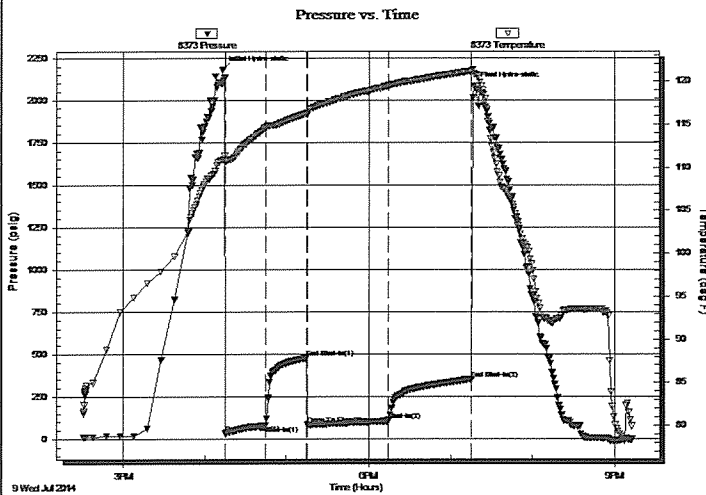
Formation: **Miss**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 16:15:04
 Time Test Ended: 21:12:34
 Interval: **4330.00 ft (KB) To 4342.00 ft (KB) (TVD)**
 Total Depth: 4342.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Poor
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Justin Harris
 Unit No: 60
 Reference Elevations: 2378.00 ft (KB)
 2373.00 ft (CF)
 KB to GR/CF: 5.00 ft

Serial #: 8373

Inside

Press@RunDepth: 106.15 psig @ 4331.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2014.07.09 End Date: 2014.07.09 Last Calib.: 2014.07.09
 Start Time: 14:30:39 End Time: 21:12:33 Time On Btm: 2014.07.09 @ 16:13:04
 Time Off Btm: 2014.07.09 @ 19:17:34

TEST COMMENT: IF: 1/4" blow built to 6" in 30 min.
 IS: No return.
 FF: Surface blow built to 6" in 60 min.
 FS: No return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2181.00	110.88	Initial Hydro-static
2	35.93	110.74	Open To Flow (1)
32	78.64	114.64	Shut-In(1)
62	476.26	116.29	End Shut-In(1)
62	83.46	116.15	Open To Flow (2)
121	106.15	119.51	Shut-In(2)
183	353.72	121.20	End Shut-In(2)
185	2083.51	120.89	Final Hydro-static

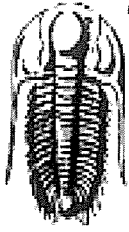
Recovery

Length (ft)	Description	Volume (bbl)
62.00	mcw 80%w 20%m	0.30
62.00	ocw m 10%o 10%w 80%m	0.33
124.00	go 20%g 80%o	1.74

* 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.

3-18s-25w Ness,KS

4924 SE 84th St
New ton KS 67114

FMR #2

Job Ticket: 59006

DST#: 3

ATTN: Andrew Stenzel

Test Start: 2014.07.09 @ 14:30:34

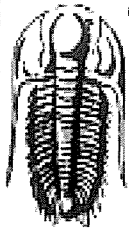
Tool Information

Drill Pipe:	Length: 4188.00 ft	Diameter: 3.80 inches	Volume: 58.75 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 121.00 ft	Diameter: 2.25 inches	Volume: 0.60 bbl	Weight to Pull Loose: 75000.00 lb
			Total Volume: 59.35 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	7.00 ft			String Weight: Initial 56000.00 lb
Depth to Top Packer:	4330.00 ft			Final 56000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	12.00 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
Stubb	1.00			4303.00	
Shut In Tool	5.00			4308.00	
Hydraulic tool	5.00			4313.00	
Jars	5.00			4318.00	
Safety Joint	3.00			4321.00	
Packer	5.00			4326.00	28.00 Bottom Of Top Packer
Packer	4.00			4330.00	
Stubb	1.00			4331.00	
Recorder	0.00	8373	Inside	4331.00	
Recorder	0.00	8356	Outside	4331.00	
Perforations	6.00			4337.00	
Bullnose	5.00			4342.00	12.00 Bottom Packers & Anchor

Total Tool Length: 40.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Palomino Petroleum, Inc.

3-18s-25w Ness,KS

4924 SE 84th St
New ton KS 67114

FMR #2

Job Ticket: 59006

DST#: 3

ATTN: Andrew Stenzel

Test Start: 2014.07.09 @ 14:30:34

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

36 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

13000 ppm

Viscosity: 57.00 sec/qt

Cushion Volume:

bbl

Water Loss: 6.79 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 3300.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
62.00	mcw 80%w 20%m	0.305
62.00	ocw m 10%o 10%w 80%m	0.332
124.00	go 20%g 80%o	1.739

Total Length: 248.00 ft Total Volume: 2.376 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: 39@90=36

.41@87=13000

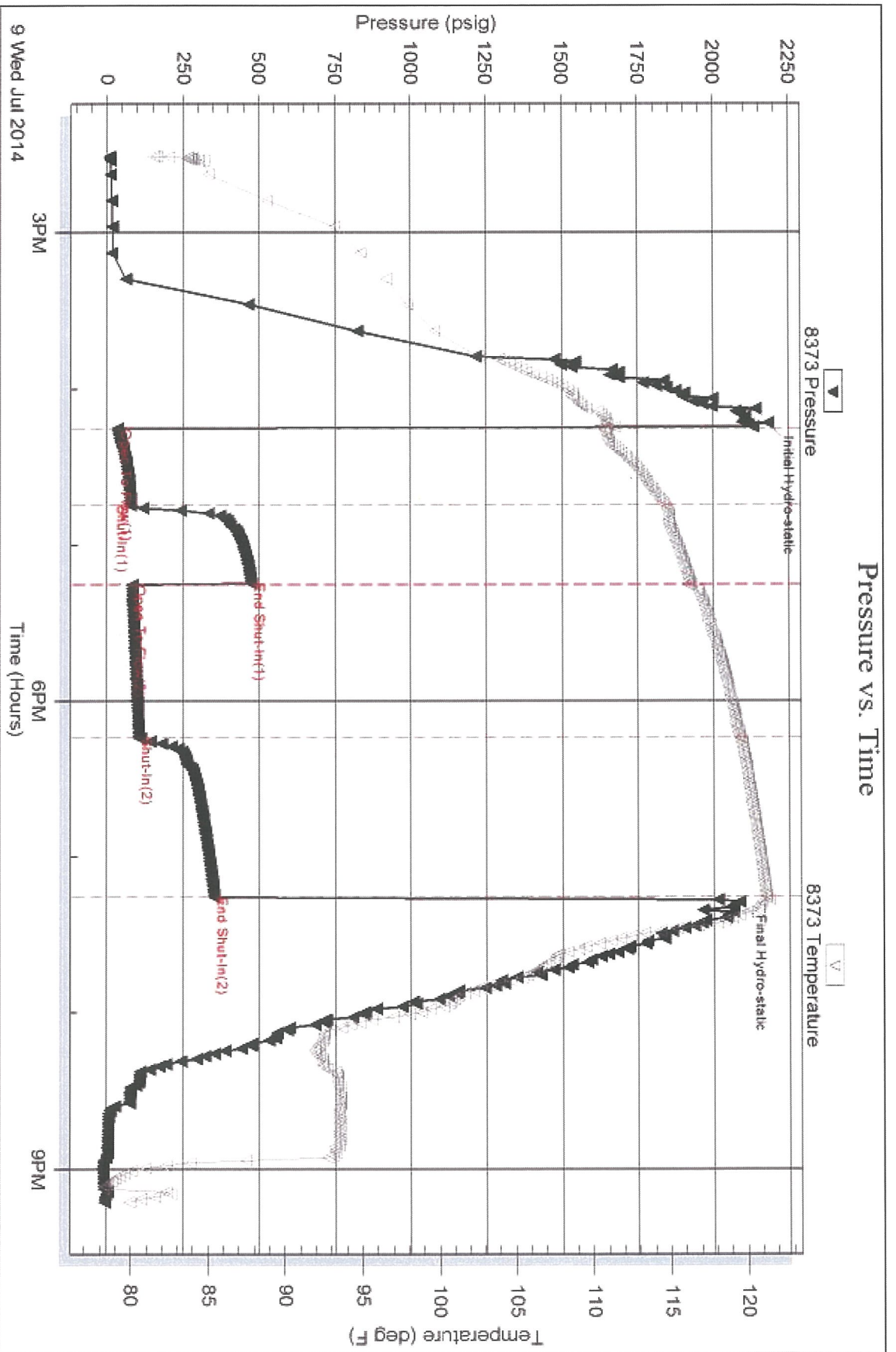
Serial #: 8373

Inside

Palomino Petroleum, Inc.

FMR#2

DST Test Number: 3



TriKoble Testing, Inc

Ref. No: 59006

Printed: 2014.07.10 @ 11:13:04

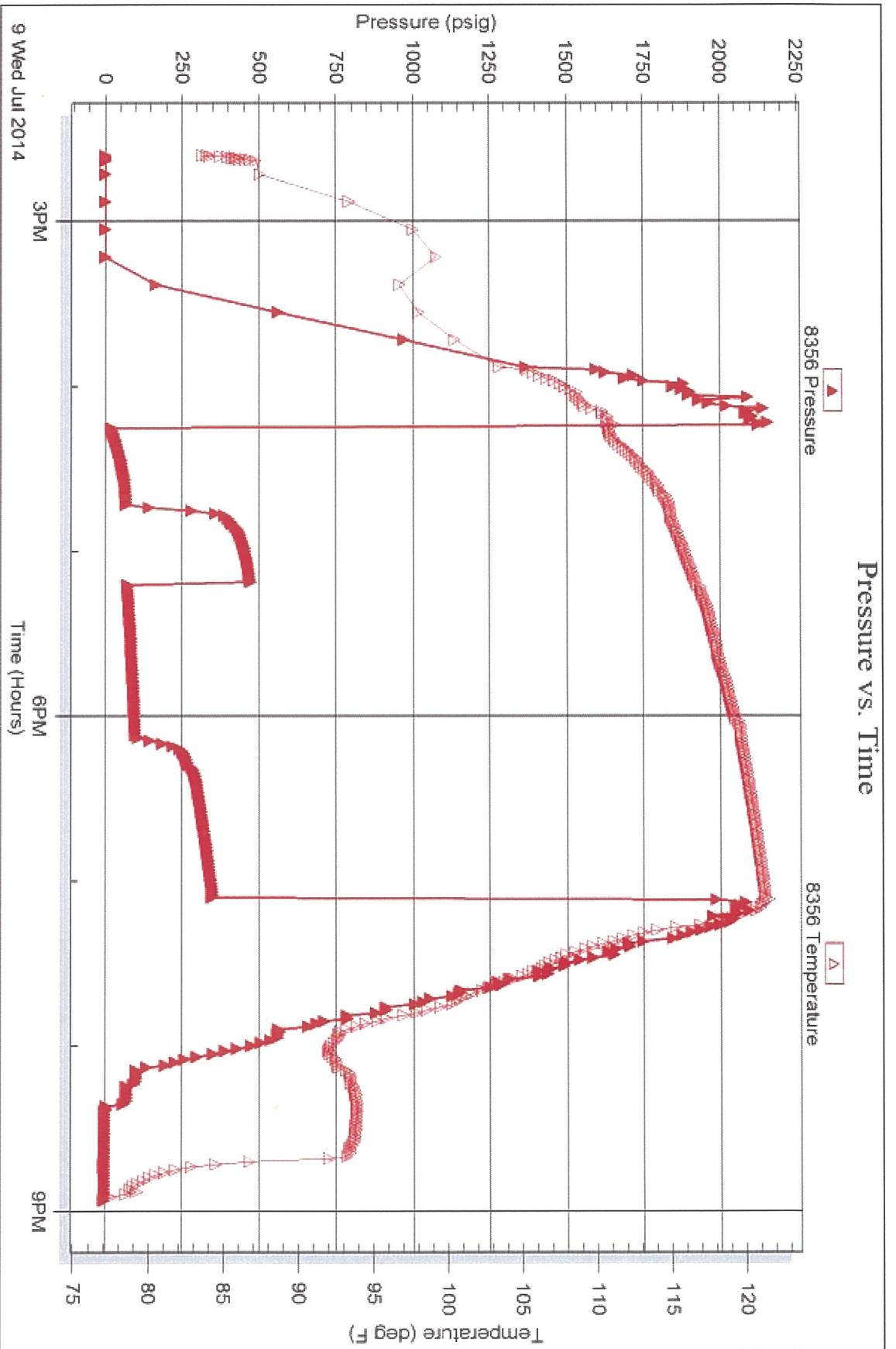
Serial #: 8356

Outside

Palomino Petroleum, Inc.

FWR #2

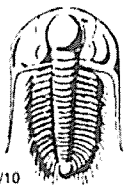
DST Test Number: 3



Triobite Testing, Inc

Ref. No: 59006

Printed: 2014.07.10 @ 11:13.04



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 56658

Well Name & No. FMR # 2 Test No. 1 Date 7-7-14 7:58 AM
 Company Palomino Petroleum, Inc. Elevation 2378 KB 2373 GL
 Address 4924 SE 84th St Newton KS, 67114
 Co. Rep / Geo. Andrew Stenzel Rig WW # 8
 Location: Sec. 3 Twp. 18 S Rge. 25 W Co. Ness State KS

Interval Tested 4004 4135 Zone Tested Marmaton
 Anchor Length 131 Drill Pipe Run 3869 Mud Wt. 9.2
 Top Packer Depth 3999 Drill Collars Run 121 Vis 53
 Bottom Packer Depth 4004 Wt. Pipe Run 0 WL 6.8
 Total Depth 4135 Chlorides 3300 ppm System LCM 1/2 #

Blow Description 30 1/2 Blow
30 No Return
30 No Blow
30 No Return

Rec	Feet of	%gas	%oil	%water	%mud
<u>15</u>	<u>mud</u>			<u>100</u>	
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 15 BHT 116 Gravity - API RW - @ - °F Chlorides - ppm
 (A) Initial Hydrostatic 1960 Test 1250 T-On Location 00:00
 (B) First Initial Flow 44 Jars 250 T-Started 00:40
 (C) First Final Flow 46 Safety Joint 75 T-Open 2:39
 (D) Initial Shut-In 429 Circ Sub N/C T-Pulled 4:39
 (E) Second Initial Flow 50 Hourly Standby T-Out 6:43
 (F) Second Final Flow 48 Mileage 114 RT 170.50 Comments _____
 (G) Final Shut-In 299 Sampler _____
 (H) Final Hydrostatic 1831 Straddle _____ Ruined Shale Packer _____
 Shale Packer _____ Ruined Packer _____
 Extra Packer _____ Extra Copies _____
 Extra Recorder _____ Sub Total 0
 Day Standby _____ Total 1745.50
 Accessibility _____ MP/DST Disc't _____
 Sub Total 1745.50

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

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. 59005

Well Name & No. FMR #2 Test No. 1 Date 7-9-14
 Company Perdomino Petroleum Elevation 2378 KB 2373 GL
 Address _____
 Co. Rep / Geo. Andrew Stenzel Rig WW#8
 Location: Sec. 3 Twp. 18S Rge. 25W Co. Ness State Ks

Interval Tested 4253 4332 Zone Tested M.55
 Anchor Length _____ Drill Pipe Run 4125 Mud Wt. 9.2
 Top Packer Depth _____ Drill Collars Run 121 Vis 57
 Bottom Packer Depth _____ Wt. Pipe Run _____ WL 6.8
 Total Depth 4332 Chlorides 3300 ppm System LCM 1

Blow Description IF: BoB in 3 min.
IS: surface blow built to 1/2 in 30 min.
FF: 1/4 blow built to 7 in 30 min.
FS: No return.

Rec	Feet of	%gas	%oil	%water	%mud
<u>10</u>	<u>Free oil</u>		<u>100</u>		
<u>164</u>	<u>ocm</u>		<u>40</u>		<u>60</u>
<u>124</u>	<u>MC90</u>	<u>20</u>	<u>40</u>		<u>40</u>
<u>62</u>	<u>MC90</u>	<u>20</u>	<u>60</u>		<u>20</u>
<u>62</u>	<u>62 GFP</u>				

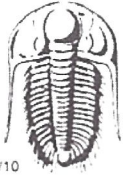
Rec Total 360 BHT 119 Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic 2163 Test 1250 T-On Location 1:30
 (B) First Initial Flow 128 Jars 250 T-Started 1:59
 (C) First Final Flow 159 Safety Joint 75 T-Open 4:05
 (D) Initial Shut-In 417 Circ Sub NIL T-Pulled 6:20
 (E) Second Initial Flow 169 Hourly Standby _____ T-Out 8:30
 (F) Second Final Flow 170 Mileage 110 - 170.50 Comments _____
 (G) Final Shut-In 267 Sampler _____
 (H) Final Hydrostatic 2679 Straddle _____

Initial Open 15 Shale Packer _____
 Initial Shut-In 30 Ruined Packer _____
 Final Flow 30 Extra Packer _____
 Final Shut-In 60 Extra Recorder _____
 Day Standby _____ Sub Total 0
 Accessibility _____ Total 1745.50
 Sub Total 1745.50 MP/DST Disc't _____

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. 59006

Well Name & No. FMR #2 Test No. 2 Date 7-9-14
 Company Palomino Petroleum Elevation 2378 KB 2373 GL
 Address _____
 Co. Rep / Geo. Andrew Stenzel Rig WW #8
 Location: Sec. 3 Twp. 18S Rge. 25W Co. NeSS State KS

Interval Tested 4330 4342 Zone Tested MISS
 Anchor Length _____ 12 Drill Pipe Run 4188 Mud Wt. 9.2
 Top Packer Depth _____ 4325 Drill Collars Run 121 Vis 57
 Bottom Packer Depth _____ 4330 Wt. Pipe Run _____ WL 6.8
 Total Depth _____ 4342 Chlorides 3300 ppm System LCM 1
 Blow Description IF: 1/4 blow built to 6 in 30 min.
IS: NO return.
FK: surface blow built to 6 in 60 min.
FS: NO return.

Rec	Feet of	%gas	%oil	%water	%mud
<u>124</u>	<u>90</u>	<u>20</u>	<u>80</u>		
<u>62</u>	<u>80CWM</u>		<u>10</u>	<u>10</u>	<u>80</u>
<u>62</u>	<u>MCW</u>			<u>80</u>	<u>20</u>
_____	_____				
_____	_____				

Rec Total 248 BHT 121 Gravity 36 API RW .41 @ 87 ° F Chlorides 13,000 ppm
 (A) Initial Hydrostatic 2181 Test 1250 T-On Location 14:00
 (B) First Initial Flow 35 Jars 250 T-Started 14:30
 (C) First Final Flow 78 Safety Joint 75 T-Open 16:12
 (D) Initial Shut-In 476 Circ Sub N/C T-Pulled 19:12
 (E) Second Initial Flow 83 Hourly Standby _____ T-Out 21:15
 (F) Second Final Flow 106 Mileage 110 - 341 Comments _____
 (G) Final Shut-In 353 Sampler _____ loaded tools 7/10 am
 (H) Final Hydrostatic 2083 Straddle _____ Ruined Shale Packer _____

Initial Open 30 Ruined Packer 320
 Initial Shut-In 30 Extra Copies _____
 Final Flow 60 Extra Recorder _____ Sub Total 0
 Final Shut-In 60 Day Standby _____ Total 2136
 Accessibility _____ MP/DST Disc't _____
 Sub Total 1816

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.