



**CONSOLIDATED**  
Oil Well Services, LLC

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

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

**RECEIVED**

**JUN 21 2012**

INVOICE

Invoice # 250632

Invoice Date: 06/19/2012 Terms: 10/10/30,n/30

Page 1

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

KRASH #1  
33978  
16-16-26  
06-17-2012  
KS

Part Number	Description	Qty	Unit Price	Total
1104S	CLASS "A" CEMENT (SALE)	165.00	17.6500	2912.25
1102	CALCIUM CHLORIDE (50#)	465.00	.8900	413.85
1118B	PREMIUM GEL / BENTONITE	310.00	.2500	77.50

Sublet Performed	Description	Total
9999-130	CASH DISCOUNT	-340.36
9999-130	CASH DISCOUNT	-164.50

Description	Hours	Unit Price	Total
439 MIN. BULK DELIVERY	1.00	410.00	410.00
463 CEMENT PUMP (SURFACE)	1.00	1085.00	1085.00
463 EQUIPMENT MILEAGE (ONE WAY)	30.00	5.00	150.00

Amount Due 5263.02 if paid after 07/19/2012

Parts:	3403.60	Freight:	.00	Tax:	192.98	AR	4736.72
Labor:	.00	Misc:	.00	Total:	4736.72		
Sublt:	-504.86	Supplies:	.00	Change:	.00		

Signed \_\_\_\_\_ Date \_\_\_\_\_

BARTLESVILLE, OK  
918/338-0808

EL DORADO, KS  
316/322-7022

EUREKA, KS  
620/583-7664

PONCA CITY, OK  
580/762-2303

OAKLEY, KS  
785/672-2227

OTTAWA, KS  
785/242-4044

THAYER, KS  
620/839-5269

GILLETTE, WY  
307/686-4914



**CONSOLIDATED**

Oil Well Services, LLC

TICKET NUMBER 33978

LOCATION Oakley

FOREMAN Fuzz 4

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

**FIELD TICKET & TREATMENT REPORT**  
**CEMENT**

KS

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
6-17-12	6285	KRASH #1	16	16S	26W	WESS

CUSTOMER		TRUCK #		DRIVER	
Palomino Petroleum		463		Cory W	
MAILING ADDRESS		439		Thomas B	
CITY					
STATE	ZIP CODE				

JOB TYPE Surface HOLE SIZE 12 1/4 HOLE DEPTH 215' CASING SIZE & WEIGHT 8 5/8  
 CASING DEPTH 215' DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER \_\_\_\_\_  
 SLURRY WEIGHT 14.7 SLURRY VOL 1.36 WATER gal/sk 6.5 CEMENT LEFT in CASING 20'  
 DISPLACEMENT 12.4 DISPLACEMENT PSI \_\_\_\_\_ MIX PSI \_\_\_\_\_ RATE \_\_\_\_\_

REMARKS: Safety meeting on W-W#10. Rig up and circulate  
Mix 165 sacks class 'A' 390cc 290gal. Displace 12.4 BBL  
and slurry cement did circulate approx 5 BBL to pit

Thanks Fuzz 4  
+ crew

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5405	1	PUMP CHARGE	1085 <sup>00</sup>	1085 <sup>00</sup>
5406	30	MILEAGE	5 <sup>00</sup>	150 <sup>00</sup>
5407	7.76	com. mileage Delivery	410 <sup>00</sup>	410 <sup>00</sup>
11045	165 sacks	Class 'A' cement	1765	2912 <sup>25</sup>
1102	465#	Calcium Chloride	89	413 <sup>85</sup>
1114B	310#	Bentonite	25	77 <sup>50</sup>
		Subtotal		5048 <sup>60</sup>
		less 1090		5048 <sup>60</sup>
		Subtotal		4543 <sup>79</sup>

**Completed**

Ravin 3737

AUTHORIZATION

TITLE

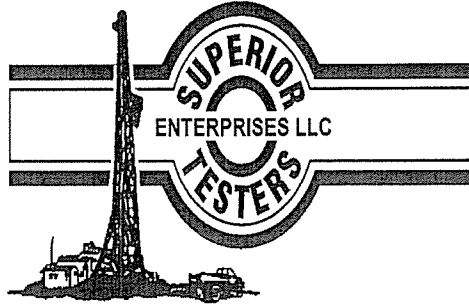
250632

DATE

SALES TAX  
ESTIMATED  
TOTAL

192.98  
4736.72

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 SE84 thst Newton KS 67114+8827

ATTN: Nicholas Gerstner

**Krash #1**

**16-16-26 Ness**

Start Date: 2012.06.22 @ 12:40:00

End Date: 2012.06.22 @ 17:24:30

Job Ticket #: 17351                      DST #: 1

Superior Testers Enterprises LLC  
PO Box 138 Great Bend KS 67530  
1-800-792-6902

Printed: 2012.07.08 @ 17:27:26

Palomino Petroleum Inc

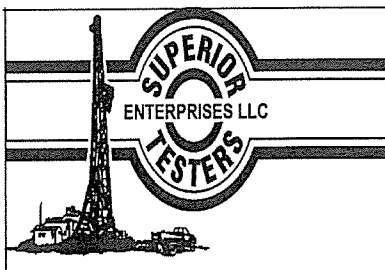
16-16-26 Ness

Krash #1

DST # 1

Lansing "H,I,J" zone

2012.06.22



# DRILL STEM TEST REPORT

Palomino Petroleum Inc  
 4924 SE84 thst New ton KS 67114+8827  
 ATTN: Nicholas Gerstner

**16-16-26 Ness**  
**Krash #1**  
 Job Ticket: 17351      DST#: 1  
 Test Start: 2012.06.22 @ 12:40:00

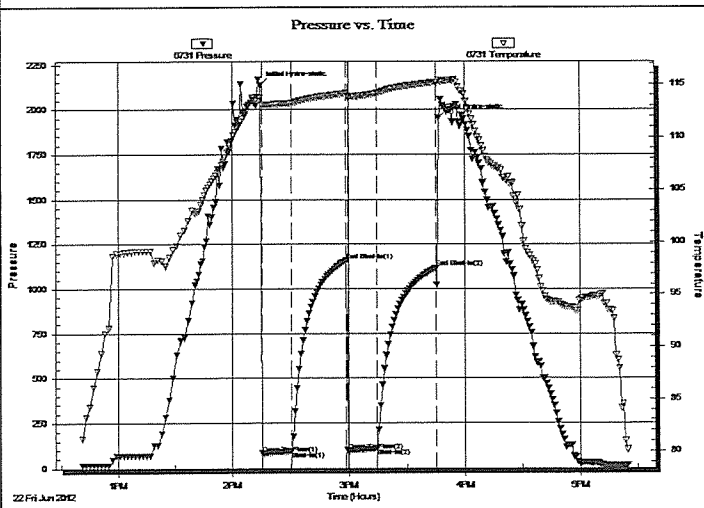
## GENERAL INFORMATION:

Formation: **Lansing "H,I,J" zone**  
 Deviated: No      Whipstock:      ft (KB)  
 Test Type: Conventional Bottom Hole (Initial)  
 Time Tool Opened: 14:15:30      Tester: Jared Scheck  
 Time Test Ended: 17:24:30      Unit No: 3320-Great Bend-160  
 Interval: **4084.00 ft (KB) To 4185.00 ft (KB) (TVD)**      Reference Elevations: 2626.00 ft (KB)  
 Total Depth: 4185.00 ft (KB) (TVD)      2621.00 ft (CF)  
 Hole Diameter: 7.88 inches      Hole Condition: Fair      KB to GR/CF: 5.00 ft

## Serial #: 6731

Press@RunDepth: 109.96 psia @      ft (KB)      Capacity: 5000.00 psia  
 Start Date: 2012.06.22      End Date: 2012.06.22      Last Calib.: 2012.06.22  
 Start Time: 12:41:00      End Time: 17:24:30      Time On Btm: 2012.06.22 @ 14:14:30  
 Time Off Btm: 2012.06.22 @ 15:46:30

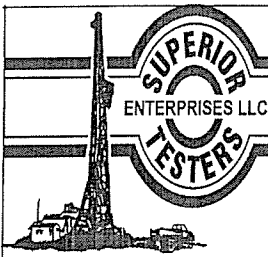
TEST COMMENT: 1st Opening 15 Minutes-Weak surface bow built 1/2 inch into bucket water in 15 minutes  
 1st Shut-in 30 Minutes-No blow back  
 2nd Opening 15 Minutes-Very weak surface bow built 1/4 inch into water in 15 minutes  
 2nd Shut-in 30 minutes-No blow back



PRESSURE SUMMARY			
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	2133.26	113.74	Initial Hydro-static
1	81.22	113.08	Open To Flow (1)
16	94.22	113.22	Shut-In(1)
44	1157.54	114.13	End Shut-In(1)
45	97.81	113.85	Open To Flow (2)
60	109.96	114.14	Shut-In(2)
91	1115.97	115.20	End Shut-In(2)
92	1955.06	115.37	Final Hydro-static

Recovery		
Length (ft)	Description	Volume (bbl)
15.00	mud	0.07

Gas Rates			
	Choke (inches)	Pressure (psia)	Gas Rate (Mcf/d)



# DRILL STEM TEST REPORT

Palomino Petroleum Inc  
4924 SE84 thst New ton KS 67114+8827  
ATTN: Nicholas Gerstner

**16-16-26 Ness**  
**Krash #1**  
Job Ticket: 17351      DST#: 1  
Test Start: 2012.06.22 @ 12:40:00

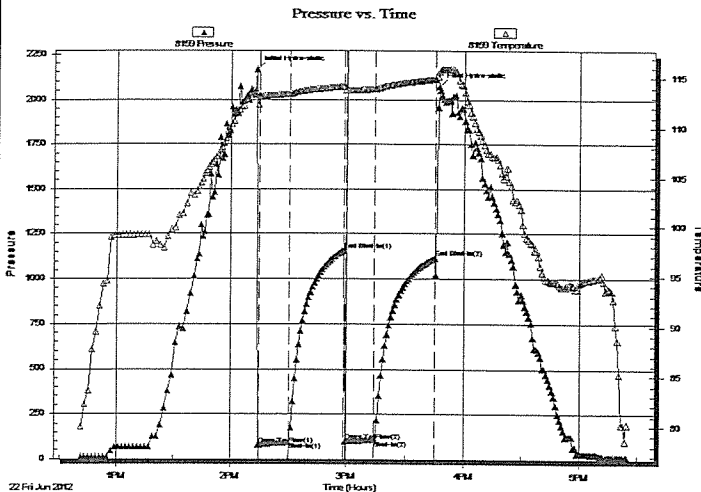
## GENERAL INFORMATION:

Formation: <b>Lansing "H,I,J" zone</b>	Test Type: Conventional Bottom Hole (Initial)
Deviated: No Whipstock:                      ft (KB)	Tester: Jared Scheck
Time Tool Opened: 14:15:30	Unit No: 3320-Great Bend-160
Time Test Ended: 17:24:30	Reference Elevations: 2626.00 ft (KB)
Interval: <b>4084.00 ft (KB) To 4185.00 ft (KB) (TVD)</b>	2621.00 ft (CF)
Total Depth: 4185.00 ft (KB) (TVD)	KB to GR/CF: 5.00 ft
Hole Diameter: 7.88 inches Hole Condition: Fair	

## Serial #: 8159

Press@RunDepth: 1116.74 psia @                      ft (KB)	Capacity: 5000.00 psia
Start Date: 2012.06.22      End Date: 2012.06.22	Last Calib.: 2012.06.22
Start Time: 12:41:00      End Time: 17:25:00	Time On Btm: 2012.06.22 @ 14:13:30
	Time Off Btm: 2012.06.22 @ 15:47:00

**TEST COMMENT:** 1st Opening 15 Minutes-Weak surface bow built 1/2 inch into bucket w ater in 15 minutes  
 1st Shut-in 30 Minutes-No blow back  
 2nd Opening 15 Minutes-Very weak surface bow built 1/4 inch into w ater in 15 minutes  
 2nd Shut-in 30 minutes-No blow back



## PRESSURE SUMMARY

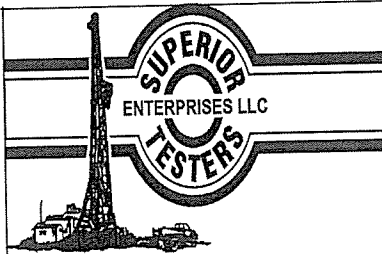
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	2165.30	113.63	Initial Hydro-static
2	81.30	113.17	Open To Flow (1)
17	95.18	113.40	Shut-In(1)
45	1158.92	114.15	End Shut-In(1)
46	98.95	113.82	Open To Flow (2)
61	107.49	113.90	Shut-In(2)
92	1116.74	114.88	End Shut-In(2)
94	2070.93	115.61	Final Hydro-static

## Recovery

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

## Gas Rates

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



# DRILL STEM TEST REPORT

TOOL DIAGRAM

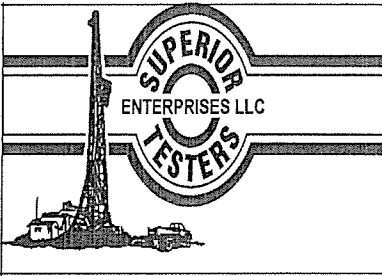
Palomino Petroleum Inc  
 4924 SE84 thst New ton KS 67114+8827  
 ATTN: Nicholas Gerstner

**16-16-26 Ness**  
**Krash #1**  
 Job Ticket: 17351      DST#: 1  
 Test Start: 2012.06.22 @ 12:40:00

## Tool Information

Drill Pipe:	Length: 3951.00 ft	Diameter: 3.80 inches	Volume: 55.42 bbl	Tool Weight: 1000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 120.00 ft	Diameter: 2.25 inches	Volume: 0.59 bbl	Weight to Pull Loose: 70000.00 lb
			<u>Total Volume: 56.01 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	15.00 ft			String Weight: Initial 60000.00 lb
Depth to Top Packer:	4084.00 ft			Final 60000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	101.00 ft			
Tool Length:	129.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		
Tool Comments:				

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
SHut-InTool	5.00		Inside	4061.00	
Hydrolic Tool	5.00			4066.00	
Jars	6.00			4072.00	
Safety Joint	2.00			4074.00	
Packer	5.00			4079.00	28.00      Bottom Of Top Packer
Packer	5.00			4084.00	
Anchor	0.00			4084.00	
Change Over Sub	0.75			4084.75	
Drill Pipe	63.50		Outside	4148.25	
Change Over Sub	0.75		Outside	4149.00	
Anchor	31.00			4180.00	
Recorder	1.00		Inside	4181.00	
Recorder	1.00		Outside	4182.00	
Bullnose	3.00			4185.00	101.00      Bottom Packers & Anchor
<b>Total Tool Length:</b>	<b>129.00</b>				



# DRILL STEM TEST REPORT

## FLUID SUMMARY

Palomino Petroleum Inc

16-16-26 Ness

4924 SE84 thst New ton KS 67114+8827

Krash #1

Job Ticket: 17351

DST#: 1

ATTN: Nicholas Gerstner

Test Start: 2012.06.22 @ 12:40:00

### 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:

ppm

Viscosity: 57.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.19 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psia

Salinity: 2100.00 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

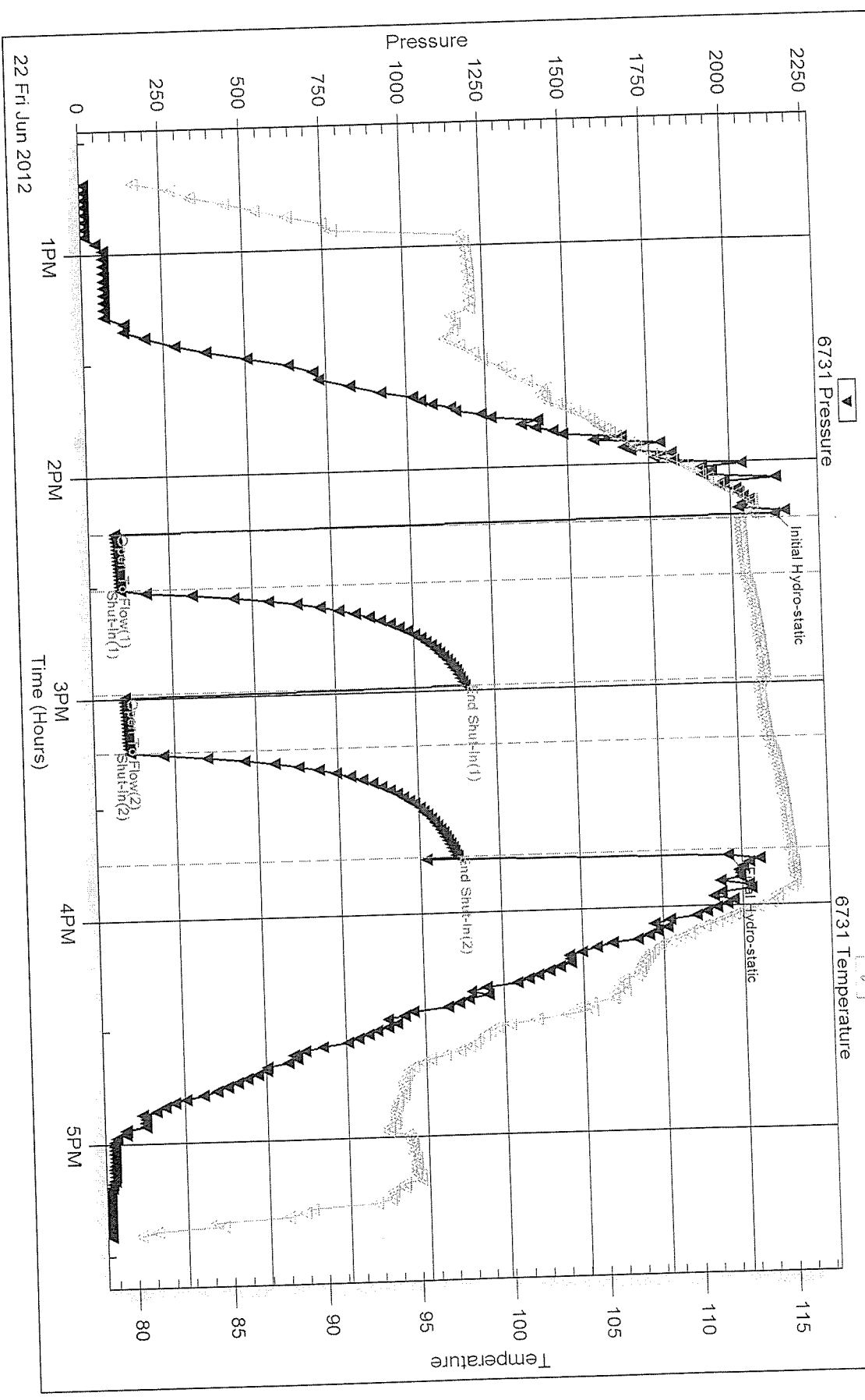
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

### Pressure vs. Time



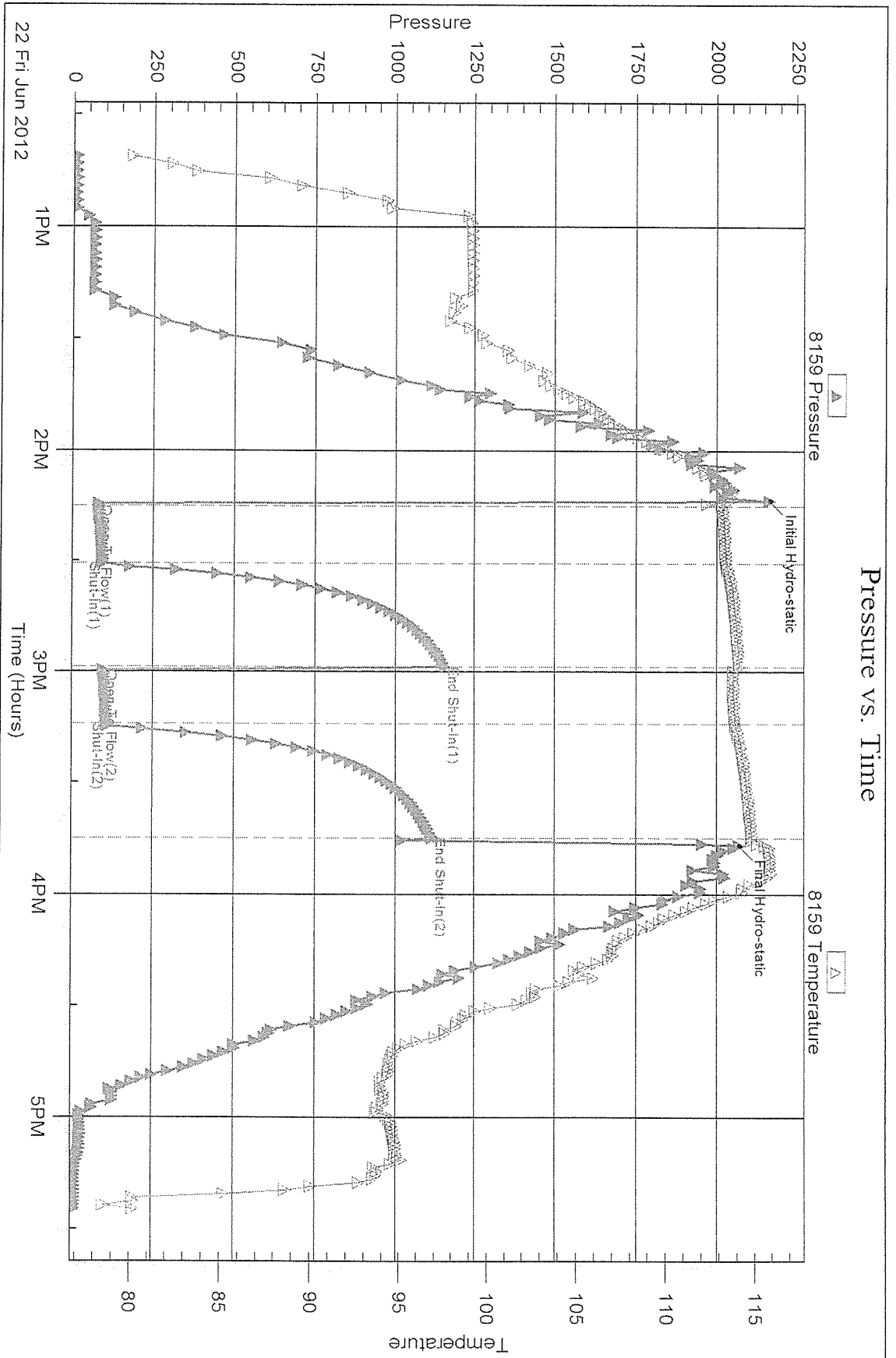


Serial #: 8159

Palomino Petroleum Inc

Krash #1

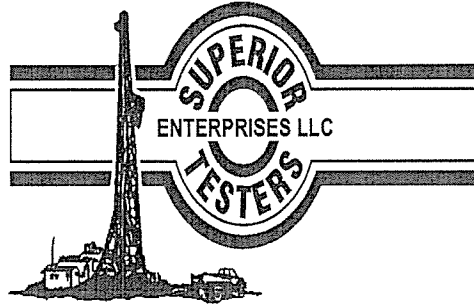
DST Test Number: 1



Superior Testers Enterprises LLC

Ref. No: 17351

Printed: 2012.07.08 @ 17:27:27



## DRILL STEM TEST REPORT

Prepared For: **Palomino Petroleum Inc**

4924 SE84 thst Newton KS 67114+8827

ATTN: Nicholas Gerstner

### **Krash #1**

#### **16-16-26 Ness**

Start Date: 2012.06.23 @ 19:25:00

End Date: 2012.06.24 @ 00:50:00

Job Ticket #: 17352                      DST #: 2

Superior Testers Enterprises LLC  
PO Box 138 Great Bend KS 67530  
1-800-792-6902

Printed: 2012.07.08 @ 17:27:40

Palomino Petroleum Inc

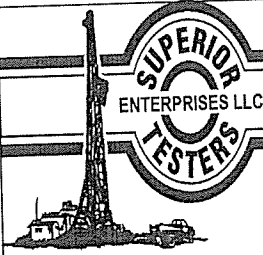
16-16-26 Ness

Krash #1

DST # 2

FT Scott

2012.06.23



# DRILL STEM TEST REPORT

Palomino Petroleum Inc  
 4924 SE84 thst New ton KS 67114+8827  
 ATTN: Nicholas Gerstner

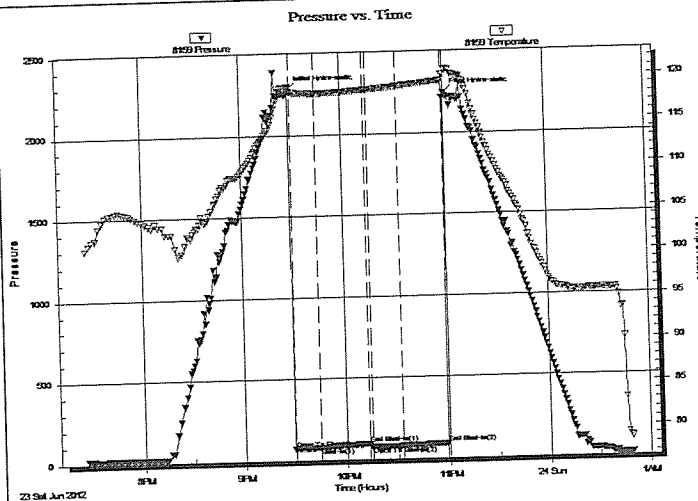
**16-16-26 Ness**  
**Krash #1**  
 Job Ticket: 17352      DST#: 2  
 Test Start: 2012.06.23 @ 19:25:00

## GENERAL INFORMATION:

Formation: FT Scott  
 Deviated: No Whipstock: ft (KB)  
 Test Type: Conventional Bottom Hole (Initial)  
 Time Tool Opened: 21:30:00  
 Tester: Jared Scheck  
 Time Test Ended: 00:50:00  
 Unit No: 3320-Graet Bend-160  
 Interval: 4413.00 ft (KB) To 4480.00 ft (KB) (TVD)  
 Reference Elevations: 2626.00 ft (KB)  
 Total Depth: 4480.00 ft (KB) (TVD)      2621.00 ft (CF)  
 Hole Diameter: 7.88 inches Hole Condition: Fair      KB to GR/CF: 5.00 ft

**Serial #: 8159**  
 Press@RunDepth: 77.97 psia @ ft (KB)      Capacity: 5000.00 psia  
 Start Date: 2012.06.23      End Date: 2012.06.24      Last Calib.: 2012.06.24  
 Start Time: 19:26:00      End Time: 00:50:00      Time On Btm: 2012.06.23 @ 21:29:00  
 Time Off Btm: 2012.06.23 @ 23:00:30

**TEST COMMENT:** 1st Open 15 Minutes-Weak blow built 1 1/4 into water in 15 minutes  
 1st Shut-in 30 Minutes-No blow back  
 2nd Opening 15 Minutes-Very weak blow built 1/4 inch into water in 165 minutes  
 2nd Shut-in 30 Minutes-No blow back



## PRESSURE SUMMARY

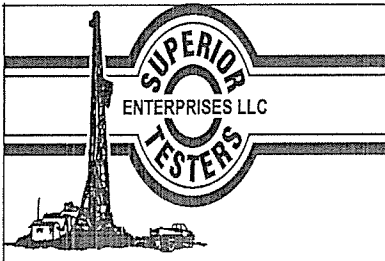
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	2280.78	119.09	Initial Hydro-static
1	70.31	118.49	Open To Flow (1)
16	74.99	118.29	Shut-In(1)
45	93.64	118.59	End Shut-In(1)
46	73.93	118.61	Open To Flow (2)
64	77.97	118.95	Shut-In(2)
90	88.75	119.52	End Shut-In(2)
92	2243.32	120.22	Final Hydro-static

## Recovery

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

## Gas Rates

Choke (inches)	Pressure (psia)	Gas Rate



# DRILL STEM TEST REPORT

Palomino Petroleum Inc  
 4924 SE84 thst New ton KS 67114+8827  
 ATTN: Nicholas Gerstner

**16-16-26 Ness**  
**Krash #1**  
 Job Ticket: 17352      **DST#: 2**  
 Test Start: 2012.06.23 @ 19:25:00

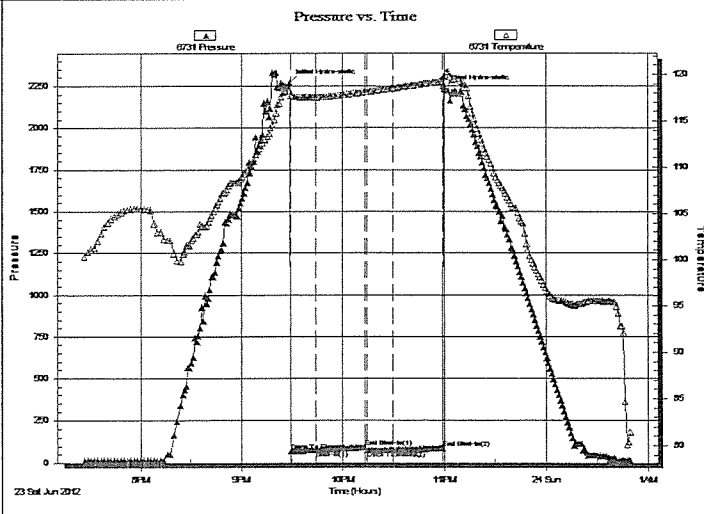
### GENERAL INFORMATION:

Formation: **FT Scott**  
 Deviated: No      Whipstock:      ft (KB)  
 Test Type: Conventional Bottom Hole (Initial)  
 Time Tool Opened: 21:30:00      Tester: Jared Scheck  
 Time Test Ended: 00:50:00      Unit No: 3320-Graet Bend-160  
 Interval: 4413.00 ft (KB) To 4480.00 ft (KB) (TVD)      Reference Elevations: 2626.00 ft (KB)  
 Total Depth: 4480.00 ft (KB) (TVD)      2621.00 ft (CF)  
 Hole Diameter: 7.88 inches      Hole Condition: Fair      KB to GR/CF: 5.00 ft

### Serial #: 6731

Press@RunDepth: 87.64 psia @      ft (KB)      Capacity: 5000.00 psia  
 Start Date: 2012.06.23      End Date: 2012.06.24      Last Calib.: 2012.06.24  
 Start Time: 19:26:00      End Time: 00:50:00      Time On Btm: 2012.06.23 @ 21:28:30  
 Time Off Btm: 2012.06.23 @ 23:00:00

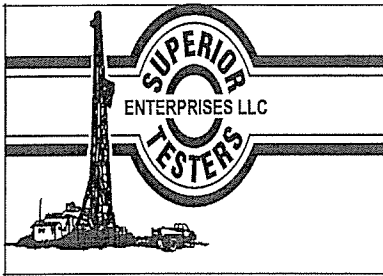
TEST COMMENT: 1st Open 15 Minutes-Weak blow built 1 1/4 into water in 15 minutes  
 1st Shut-in 30 Minutes-No blow back  
 2nd Opening 15 Minutes-Very weak blow built 1/4 inch into water in 165 minutes  
 2nd Shut-in 30 Minutes-No blow back



PRESSURE SUMMARY			
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	2267.94	118.28	Initial Hydro-static
1	69.51	117.77	Open To Flow (1)
16	73.76	117.56	Shut-In(1)
45	92.66	118.11	End Shut-In(1)
46	72.74	118.13	Open To Flow (2)
62	75.64	118.52	Shut-In(2)
91	87.64	119.24	End Shut-In(2)
92	2234.68	119.70	Final Hydro-static

Recovery		
Length (ft)	Description	Volume (bbl)
15.00	mud	0.07

Gas Rates			
	Choke (inches)	Pressure (psia)	Gas Rate (Mcf/d)



# DRILL STEM TEST REPORT

TOOL DIA

Palomino Petroleum Inc  
 4924 SE84 thst New ton KS 67114+8827  
 ATTN: Nicholas Gerstner

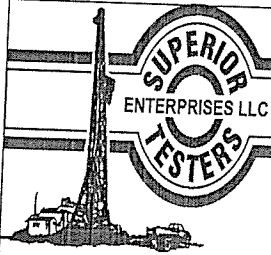
**16-16-26 Ness**  
**Krash #1**  
 Job Ticket: 17352      DST#: 2  
 Test Start: 2012.06.23 @ 19:25:00

**Tool Information**

Drill Pipe:	Length: 4296.00 ft	Diameter: 3.80 inches	Volume: 60.26 bbl	Tool Weight: 1000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 120.00 ft	Diameter: 2.25 inches	Volume: 0.59 bbl	Weight to Pull Loose: 70000.00 lb
			<u>Total Volume: 60.85 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	31.00 ft			String Weight: Initial 60000.00 lb
Depth to Top Packer:	4413.00 ft			Final 60000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	67.00 ft			
Tool Length:	95.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		
Tool Comments:				

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
SHut-InTool	5.00		Inside	4390.00	
Hydraulic Tool	5.00			4395.00	
Jars	6.00			4401.00	
Safety Joint	2.00			4403.00	
Packer	5.00			4408.00	28.00      Bottom Of Top
Packer	5.00			4413.00	
Anchor	0.00			4413.00	
Change Over Sub	0.75			4413.75	
Drill Pipe	31.50		Outside	4445.25	
Change Over Sub	0.75		Outside	4446.00	
Anchor	29.00			4475.00	
Recorder	1.00		Inside	4476.00	
Recorder	1.00		Outside	4477.00	
Bullnose	3.00			4480.00	67.00      Bottom Packers & /

**Total Tool Length: 95.00**



# DRILL STEM TEST REPORT

FLUID SUMMARY

Palomino Petroleum Inc  
 4924 SE84 thst New ton KS 67114+8827  
 ATTN: Nicholas Gerstner

16-16-26 Ness  
 Krash #1  
 Job Ticket: 17352      DST#: 2  
 Test Start: 2012.06.23 @ 19:25:00

## Mud and Cushion Information

Mud Type: Invert	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 54.00 sec/qt	Cushion Volume: bbl		
Water Loss: 13.19 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psia		
Salinity: 3800.00 ppm			
Filter Cake: 1.00 inches			

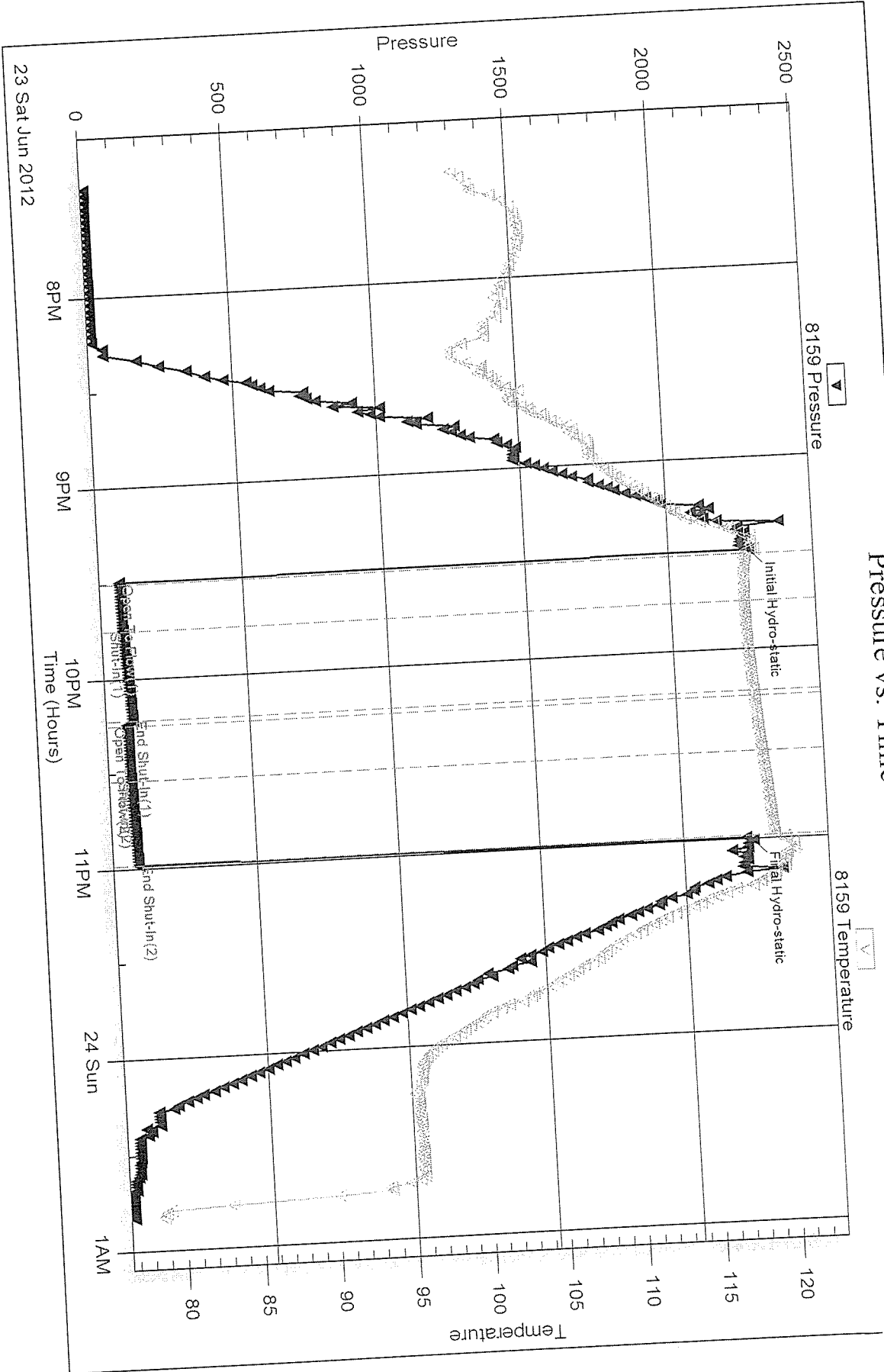
## Recovery Information

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:

PRESSURE vs. TIME



Superior Testers Enterprises LLC

Ref. No: 17352

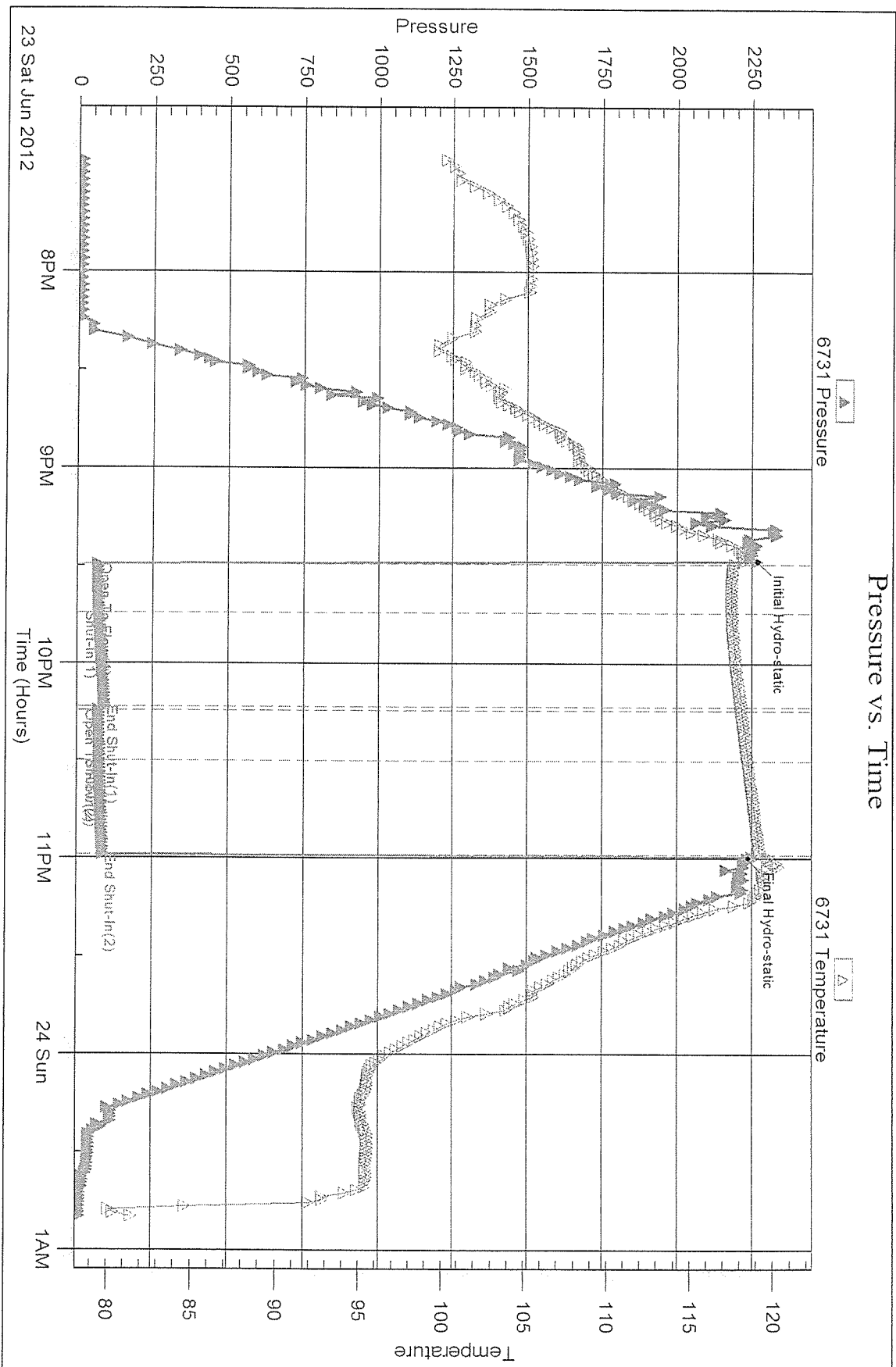
Printed: 2012.07.08 @ 17:27:41

Serial #: 6731

Palomino Petroleum Inc

Krash #1

DST Test Number: 2

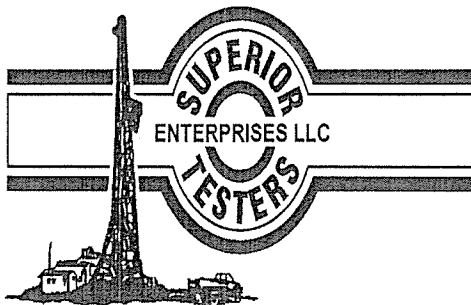


Superior Testers Enterprises LLC

Ref. No: 17352

Printed: 2012.07.08 @ 17:27:41





## DRILL STEM TEST REPORT

Prepared For: **Palomino Petroleum Inc**

4924 SE84 thst Newton KS 67114+8827

ATTN: Nicholas Gerstner

**Krash #1**

**16-16-26 Ness**

Start Date: 2012.06.24 @ 11:40:00

End Date: 2012.06.24 @ 16:39:30

Job Ticket #: 17353                      DST #: 3

Superior Testers Enterprises LLC  
PO Box 138 Great Bend KS 67530  
1-800-792-6902

Printed: 2012.07.08 @ 17:27:59

Palomino Petroleum Inc

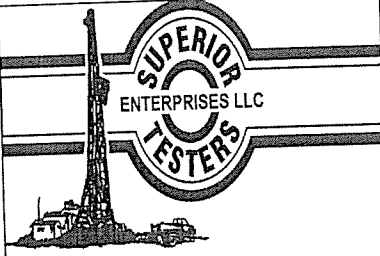
16-16-26 Ness

Krash #1

DST # 3

Mississippi

2012.06.24



# DRILL STEM TEST REPORT

Palomino Petroleum Inc  
 4924 SE84 thst New ton KS 67114+8827  
 ATTN: Nicholas Gerstner

16-16-26 Ness  
 Krash #1  
 Job Ticket: 17353      DST#: 3  
 Test Start: 2012.06.24 @ 11:40:00

## GENERAL INFORMATION:

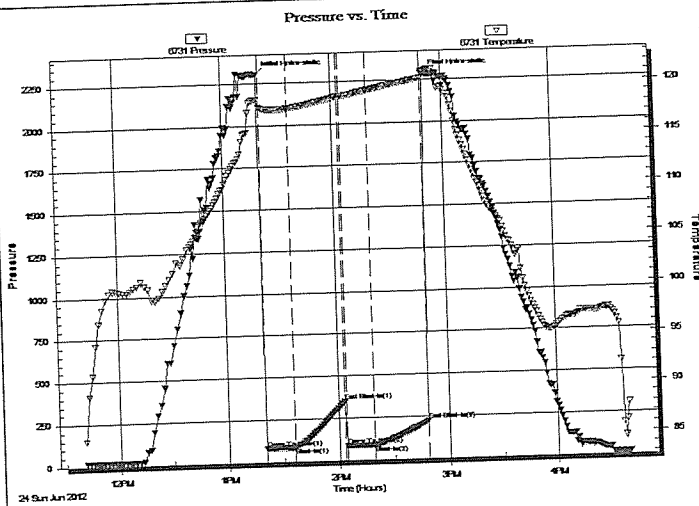
Formation: **Mississippi**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 13:20:30  
 Time Test Ended: 16:39:30  
 Interval: **4471.00 ft (KB) To 4573.00 ft (KB) (TVD)**  
 Total Depth: **4573.00 ft (KB) (TVD)**  
 Hole Diameter: **7.88 inches** Hole Condition: Fair

Test Type: Conventional Bottom Hole (Initial)  
 Tester: Jared Scheck  
 Unit No: 3320-Great Bend-160  
 Reference Elevations: 2626.00 ft (KB)  
 2621.00 ft (CF)  
 KB to GR/CF: 5.00 ft

## Serial #: 6731

Press@RunDepth: 84.80 psia @ ft (KB) Capacity: 5000.00 psia  
 Start Date: 2012.06.24 End Date: 2012.06.24 Last Calib.: 2012.06.24  
 Start Time: 11:41:00 End Time: 16:39:30 Time On Btm: 2012.06.24 @ 13:19:30  
 Time Off Btm: 2012.06.24 @ 14:50:00

TEST COMMENT: 1st Opening 15 Minutes-Weak surface blow built 1/4 inch into water in 15 minutes  
 1st Shut-in 30 Minutes-No blow back  
 2nd Opening 15 Minutes-Very weak surge did not build  
 2nd Shut-in 30 Minutes-No blow back



## PRESSURE SUMMARY

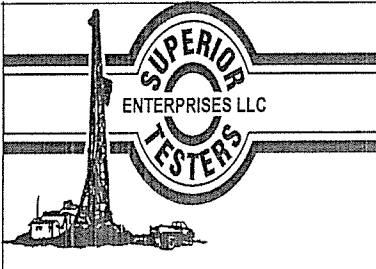
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	2298.76	118.75	Initial Hydro-static
1	80.15	117.96	Open To Flow (1)
17	82.23	117.83	Shut-In(1)
44	346.04	118.92	End Shut-In(1)
45	83.28	118.88	Open To Flow (2)
60	84.80	119.43	Shut-In(2)
89	222.80	120.52	End Shut-In(2)
91	2282.98	121.20	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
1.00	mud	0.00

## Gas Rates

	Choke (inches)	Pressure (psia)	Gas Rate (M)



# DRILL STEM TEST REPORT

Palomino Petroleum Inc

16-16-26 Ness

4924 SE84 thst New ton KS 67114+8827

Krash #1

Job Ticket: 17353

DST#: 3

ATTN: Nicholas Gerstner

Test Start: 2012.06.24 @ 11:40:00

## GENERAL INFORMATION:

Formation: Mississippi

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 13:20:30

Time Test Ended: 16:39:30

Test Type: Conventional Bottom Hole (Initial)

Tester: Jared Scheck

Unit No: 3320-Great Bend-160

Interval: 4471.00 ft (KB) To 4573.00 ft (KB) (TVD)

Reference Elevations: 2626.00 ft (KB)

Total Depth: 4573.00 ft (KB) (TVD)

2621.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

## Serial #: 8159

Press@RunDepth: 226.62 psia @ ft (KB)

Capacity: 5000.00 psia

Start Date: 2012.06.24

End Date:

2012.06.24

Last Calib.: 2012.06.24

Start Time: 11:41:00

End Time:

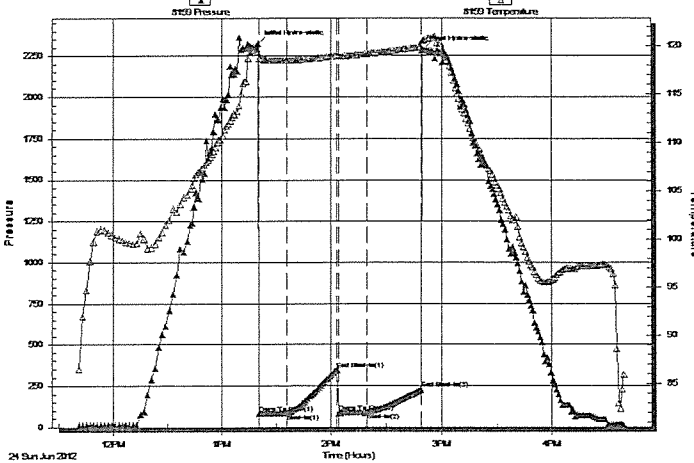
16:39:30

Time On Btm: 2012.06.24 @ 13:20:00

Time Off Btm: 2012.06.24 @ 14:50:00

TEST COMMENT: 1st Opening 15 Minutes-Weak surface blow built 1/4 inch into water in 15 minutes  
 1st Shut-in 30 Minutes-No blow back  
 2nd Opening 15 Minutes-Very weak surge did not build  
 2nd Shut-in 30 Minutes-No blow back

Pressure vs. Time



## PRESSURE SUMMARY

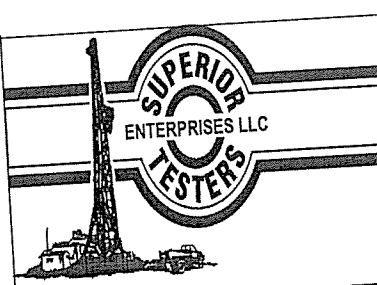
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	2324.55	119.42	Initial Hydro-static
1	81.11	118.79	Open To Flow (1)
16	83.08	118.53	Shut-In(1)
44	346.70	119.01	End Shut-In(1)
45	84.45	118.93	Open To Flow (2)
60	87.25	119.20	Shut-In(2)
89	226.62	119.92	End Shut-In(2)
90	2284.57	120.56	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
1.00	mud	0.00

## Gas Rates

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



# DRILL STEM TEST REPORT

TOOL DIAGRAM

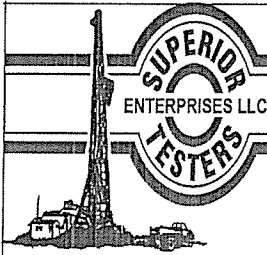
Palomino Petroleum Inc  
 4924 SE84 thst New ton KS 67114+8827  
 ATTN: Nicholas Gerstner

**16-16-26 Ness**  
**Krash #1**  
 Job Ticket: 17353      DST#: 3  
 Test Start: 2012.06.24 @ 11:40:00

### Tool Information

Drill Pipe:	Length: 4354.00 ft	Diameter: 3.80 inches	Volume: 61.08 bbl	Tool Weight: 1000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 120.00 ft	Diameter: 2.25 inches	Volume: 0.59 bbl	Weight to Pull Loose: 75000.00 lb
			<u>Total Volume: 61.67 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	31.00 ft			String Weight: Initial 60000.00 lb
Depth to Top Packer:	4471.00 ft			Final 60000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	102.00 ft			
Tool Length:	130.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		
Tool Comments:				

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
SHut-InTool	5.00		Inside	4448.00	
Hydrolic Tool	5.00			4453.00	
Jars	6.00			4459.00	
Safety Joint	2.00			4461.00	
Packer	5.00			4466.00	28.00 Bottom Of Top Pa
Packer	5.00			4471.00	
Anchor	0.00			4471.00	
Change Over Sub	0.75			4471.75	
Drill Pipe	63.50		Outside	4535.25	
Change Over Sub	0.75		Outside	4536.00	
Anchor	32.00			4568.00	
Recorder	1.00		Inside	4569.00	
Recorder	1.00		Outside	4570.00	
Bullnose	3.00			4573.00	102.00 Bottom Packers & A
<b>Total Tool Length:</b>	<b>130.00</b>				



# DRILL STEM TEST REPORT

FLUID SUMMARY

Palomino Petroleum Inc  
4924 SE84 thst New ton KS 67114+8827  
ATTN: Nicholas Gerstner

16-16-26 Ness  
Krash #1  
Job Ticket: 17353  
DST#: 3  
Test Start: 2012.06.24 @ 11:40:00

## 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:	ppm
Viscosity: 57.00 sec/qt	Cushion Volume: bbl		
Water Loss: 9.19 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psia		
Salinity: 2100.00 ppm			
Filter Cake: inches			

## Recovery Information

Recovery Table

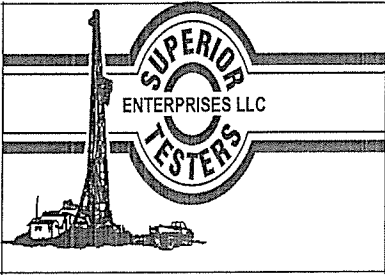
Length ft	Description	Volume bbl
1.00	mud	0.005

Total Length: 1.00 ft      Total Volume: 0.005 bbl

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

Laboratory Name:      Laboratory Location:

Recovery Comments:



# DRILL STEM TEST REPORT

## FLUID SUMMARY

Palomino Petroleum Inc 16-16-26 Ness  
 4924 SE84 thst New ton KS 67114+8827 Krash #1  
 ATTN: Nicholas Gerstner Job Ticket: 17353 DST#: 3  
Test Start: 2012.06.24 @ 11:40:00

### Mud and Cushion Information

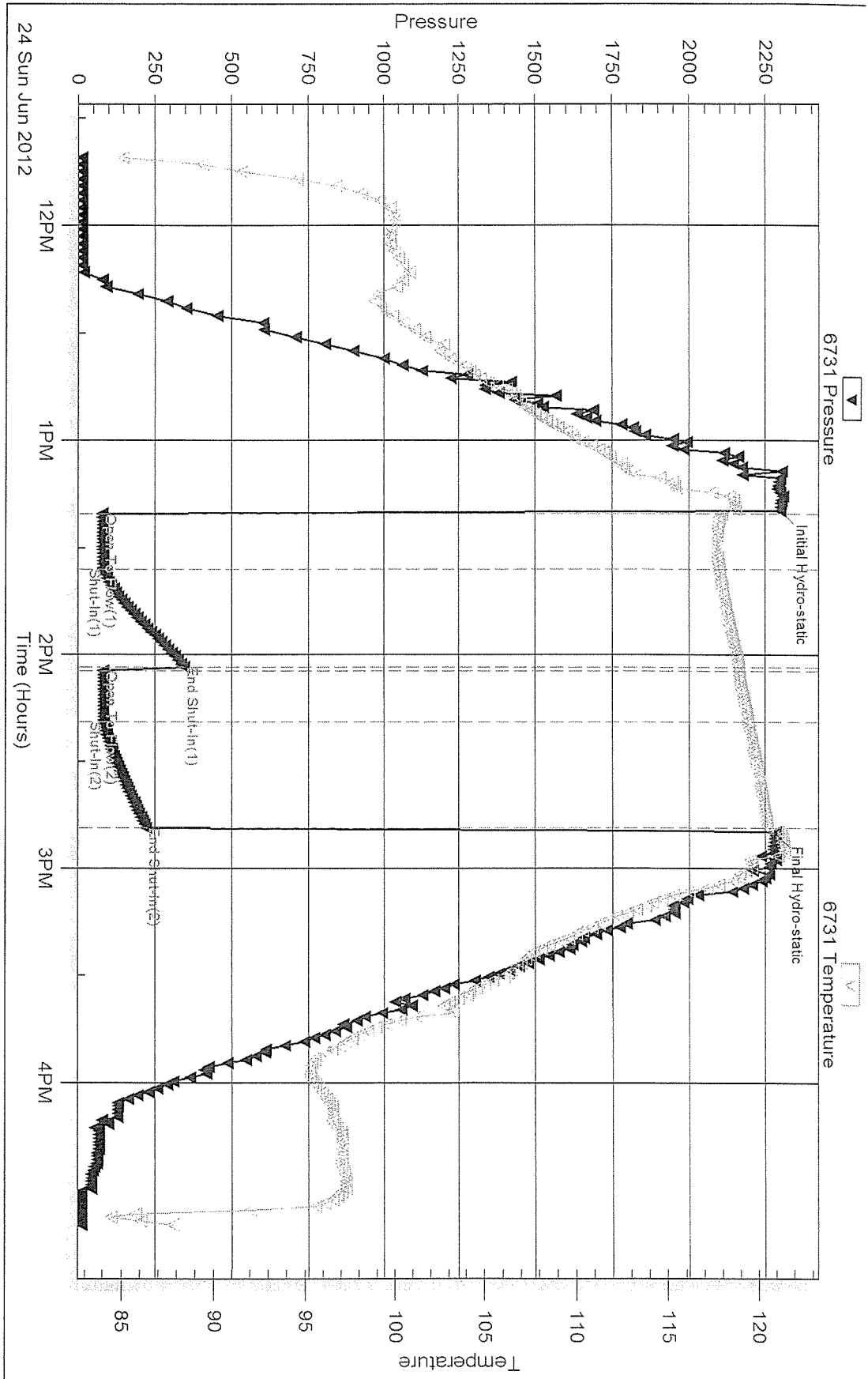
Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 57.00 sec/qt	Cushion Volume: bbl		
Water Loss: 9.19 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psia		
Salinity: 2100.00 ppm			
Filter Cake: inches			

### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
1.00	mud	0.005

Total Length: 1.00 ft      Total Volume: 0.005 bbl  
 Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:  
 Laboratory Name:      Laboratory Location:  
 Recovery Comments:

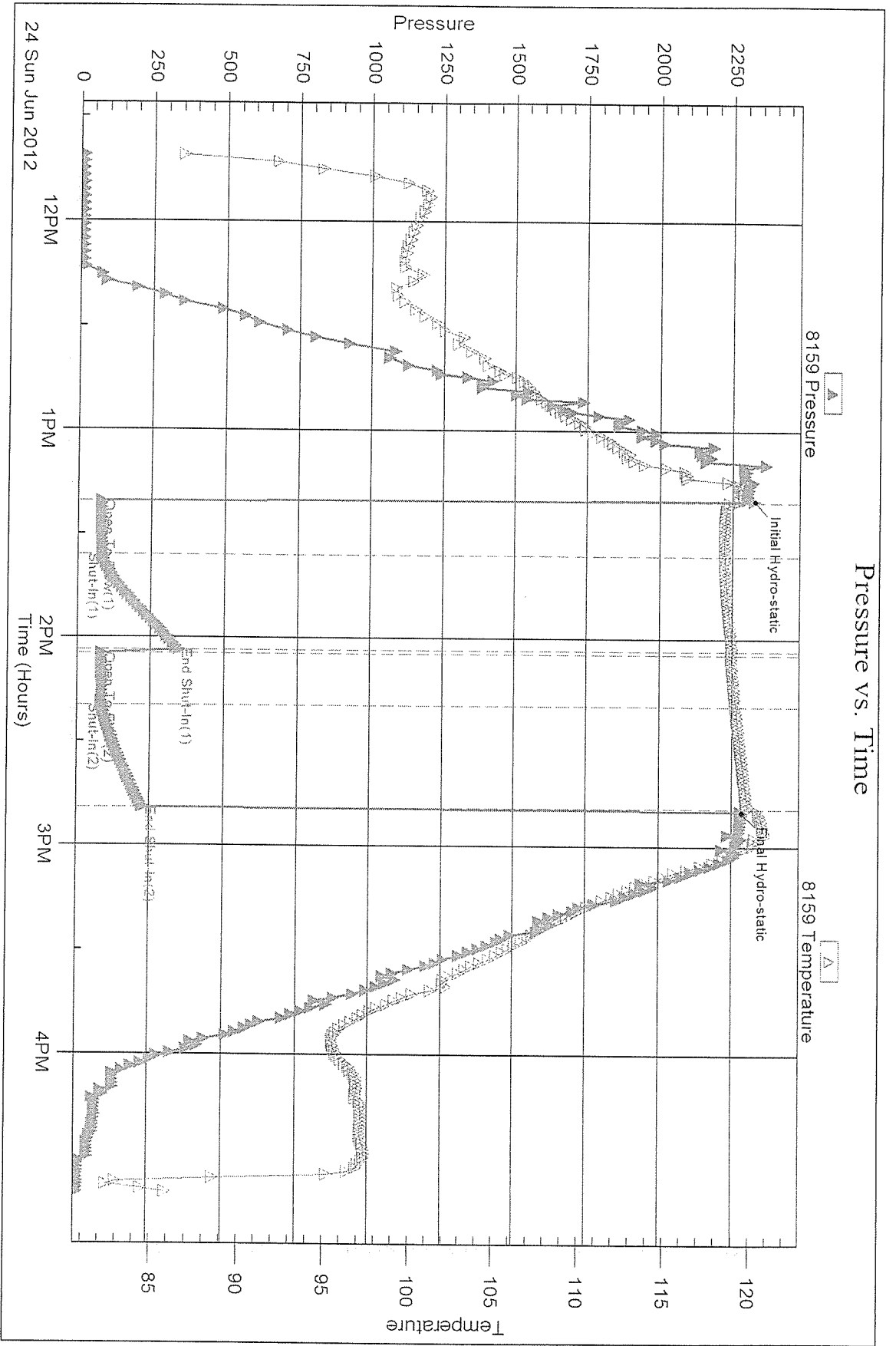


Serial #: 8159

Palomino Petroleum Inc

Krash #1

DST Test Number: 3



Superior Testers Enterprises LLC

Ref. No: 17353

Printed: 2012.07.08 @ 17:28:01