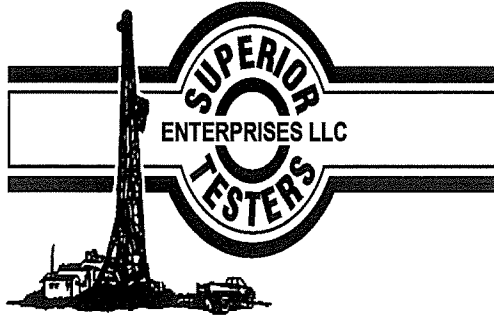




DRILL STEM TEST REPORT

Prepared For: **Palomino Petroleum Inc**

4924 SE 84th St Newton KS 67114-8827

ATTN: Keivn Bailey

Quenzer-Norton #1

13-17s-26w Ness

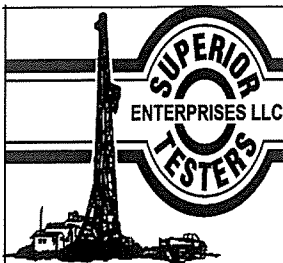
Start Date: 2012.12.18 @ 10:15:00

End Date: 2012.12.18 @ 17:06:30

Job Ticket #: 16992 DST #: 1

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

Printed: 2012.12.18 @ 17:25:59



DRILL STEM TEST REPORT

Palomino Petroleum Inc

13-17s-26w Ness

4924 SE 84th St New ton KS 67114-8827

Quenzer-Norton #1

ATTN: Keivn Bailey

Job Ticket: 16992

DST#:1

Test Start: 2012.12.18 @ 10:15:00

GENERAL INFORMATION:

Formation: **Mississippi**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 12:40:30

Time Test Ended: 17:06:30

Test Type: Conventional Straddle (Initial)

Tester: Jared Scheck

Unit No: 3320-Scott City-110

Interval: **4388.00 ft (KB) To 4490.00 ft (KB) (TVD)**

Total Depth: 4544.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2528.00 ft (KB)

2517.00 ft (CF)

KB to GRV/CF: 11.00 ft

Serial #: 6731

Press@RunDepth: 359.97 psia @ ft (KB)

Start Date: 2012.12.18

End Date:

2012.12.18

Start Time: 10:15:00

End Time:

17:06:30

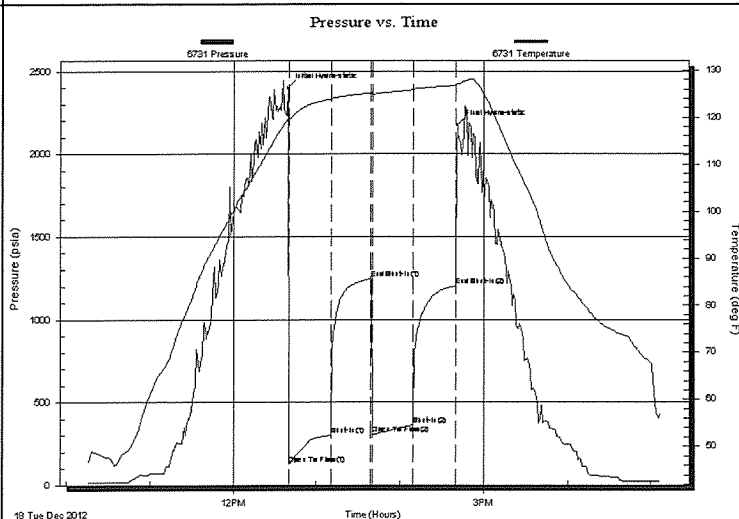
Capacity: 5000.00 psia

Last Calib.: 2012.12.18

Time On Btm: 2012.12.18 @ 12:39:30

Time Off Btm: 2012.12.18 @ 14:41:00

TEST COMMENT: 1st Opening 30 Minutes-Fair blow built bottom of bucket in 15 minutes
1st Shut-in 30 Minutes-No blow back
2nd Opening 30 Minutes-Fair blow built bottom of bucket w water in 17 minutes
2nd Shut-in 30 Minutes-No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	2401.30	119.80	Initial Hydro-static
1	127.14	119.48	Open To Flow (1)
31	302.95	123.82	Shut-In(1)
60	1245.99	125.16	End Shut-In(1)
61	305.46	124.90	Open To Flow (2)
90	359.97	125.82	Shut-In(2)
121	1202.79	126.74	End Shut-In(2)
122	2176.73	127.10	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
190.00	water mud cut oil 10%water 30% mud	600.93
475.00	oil cut mud 40%oil 60% mud	4.93
30.00	clean oil	0.42
0.00	Gravity oil 42	0.00
0.00	chlorides 30,000 resistivity .3@60degree	0.00

Gas Rates

	Choke (inches)	Pressure (psia)	Gas Rate (Mcf/d)
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DRILL STEM TEST REPORT

Palomino Petroleum Inc

13-17s-26w Ness

4924 SE 84th St New ton KS 67114-8827

Quenzer-Norton #1

ATTN: Keivn Bailey

Job Ticket: 16992

DST#: 1

Test Start: 2012.12.18 @ 10:15:00

GENERAL INFORMATION:

Formation: **Mississippi**

Deviated:	No	Whipstock:	ft (KB)
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Time Tool Opened: 12:40:30

Time Test Ended: 17:06:30

Test Type: Conventional Straddle (Initial)

Tester: Jared Scheck

Unit No: 3320-Scott City-110

Interval: 4388.00 ft (KB) To 4490.00 ft (KB) (TVD)

Total Depth: 4544.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2528.00 ft (KB)

2517.00 ft (CF)

KB to GR/CF: 11.00 ft

Serial #: 8159

Press@RunDepth:	psia	@	ft (KB)
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Start Date: 2012.12.18 End Date: 2012.12.18

Start Time: 10:15:00 End Time: 17:06:30

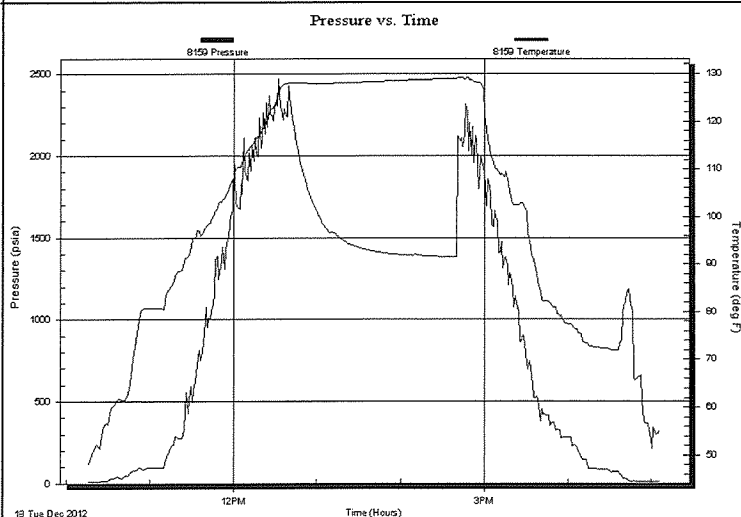
Capacity: 5000.00 psia

Last Calib.: 2012.12.18

Time On Btm:

Time Off Btm:

TEST COMMENT: 1st Opening 30 Minutes-Fair blow built bottom of bucket in 15 minutes
1st Shut-in 30 Minutes-No blow back
2nd Opening 30 Minutes-Fair blow built bottom of bucket w ater in 17 minutes
2nd Shut-in 30 Minutes-No blow back



PRESSURE SUMMARY

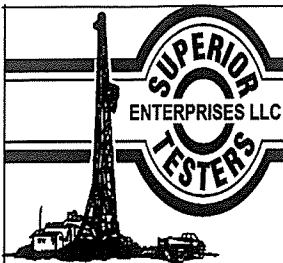
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation

Recovery

Length (ft)	Description	Volume (bbl)
190.00	water mud cut oil 10%water 30%mud 60%	0.93
475.00	oil cut mud 40%oil 60%mud	4.93
30.00	clean oil	0.42
0.00	Gravity oil 42	0.00
0.00	chlorides 30,000 resistivity .3@60degree	0.00

Gas Rates

	Choke (inches)	Pressure (psia)	Gas Rate (Mcf/d)
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DRILL STEM TEST REPORT

Palomino Petroleum Inc

13-17s-26w Ness

4924 SE 84th St New ton KS 67114-8827

Quenzer-Norton #1

ATTN: Keivn Bailey

Job Ticket: 16992

DST#:1

Test Start: 2012.12.18 @ 10:15:00

GENERAL INFORMATION:

Formation: **Mississippi**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 12:40:30

Time Test Ended: 17:06:30

Test Type: Conventional Straddle (Initial)

Tester: Jared Scheck

Unit No: 3320-Scott City-110

Interval: **4388.00 ft (KB) To 4490.00 ft (KB) (TVD)**

Total Depth: 4544.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2528.00 ft (KB)

2517.00 ft (CF)

KB to GRV/CF: 11.00 ft

Serial #: 8525

Press@RunDepth: 1226.84 psia @ ft (KB)

Start Date: 2012.12.18

End Date:

2012.12.18

Capacity: 5000.00 psia

Last Calib.: 2012.12.18

Start Time: 10:15:00

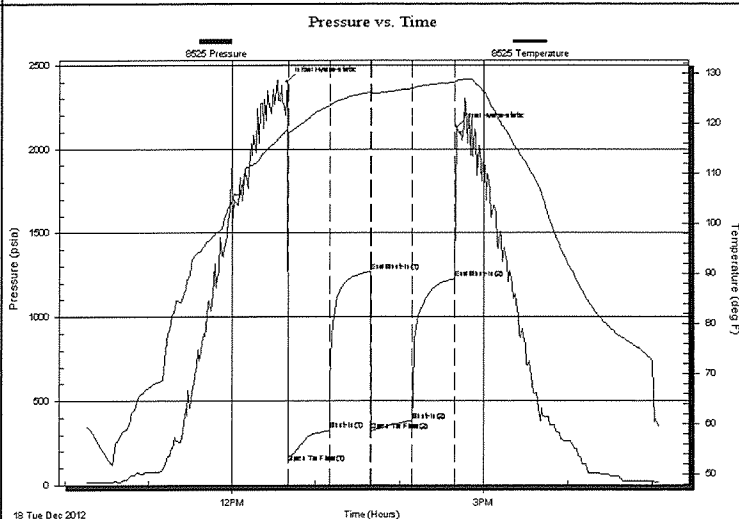
End Time:

17:06:00

Time On Btm: 2012.12.18 @ 12:39:30

Time Off Btm: 2012.12.18 @ 14:40:30

TEST COMMENT: 1st Opening 30 Minutes-Fair blow built bottom of bucket in 15 minutes
1st Shut-in 30 Minutes-No blow back
2nd Opening 30 Minutes-Fair blow built bottom of bucket w water in 17 minutes
2nd Shut-in 30 Minutes-No blow back



PRESSURE SUMMARY

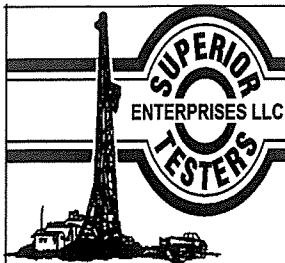
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	2402.50	118.54	Initial Hydro-static
1	132.32	118.10	Open To Flow (1)
31	324.46	123.44	Shut-In(1)
60	1270.44	126.18	End Shut-In(1)
61	323.15	125.87	Open To Flow (2)
90	381.75	126.90	Shut-In(2)
120	1226.84	128.15	End Shut-In(2)
121	2130.20	128.40	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
190.00	water mud cut oil 10%water 30% mud	600.93
475.00	oil cut mud 40%oil 60% mud	4.93
30.00	clean oil	0.42
0.00	Gravity oil 42	0.00
0.00	chlorides 30,000 resistivity .3@60degree	0.00

Gas Rates

	Choke (inches)	Pressure (psia)	Gas Rate (Mcf/d)
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DRILL STEM TEST REPORT

TOOL DIAGRAM

Palomino Petroleum Inc

13-17s-26w Ness

4924 SE 84th St New ton KS 67114-8827

Quenzer-Norton #1

ATTN: Keivn Bailey

Job Ticket: 16992

DST#: 1

Test Start: 2012.12.18 @ 10:15:00

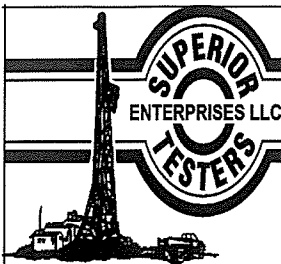
Tool Information

Drill Pipe:	Length: 4008.00 ft	Diameter: 3.80 inches	Volume: 56.22 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: 380.00 ft	Diameter: 2.25 inches	Volume: 1.87 bbl	Weight to Pull Loose: 77000.00 lb
		Total Volume: 58.09 bbl		Tool Chased 0.00 ft
Drill Pipe Above KB:	28.00 ft			String Weight: Initial 68000.00 lb
Depth to Top Packer:	4388.00 ft			Final 70000.00 lb
Depth to Bottom Packer:	4490.00 ft			
Interval between Packers:	102.00 ft			
Tool Length:	190.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut-In Tool	5.00			4365.00	
Hydrolic Tool	5.00			4370.00	
Jars	6.00			4376.00	
Safety Joint	2.00			4378.00	
Packer	5.00			4383.00	28.00 Bottom Of Top Packer
Packer	5.00			4388.00	
Anchor	5.00			4393.00	
Change Over Sub	0.75			4393.75	
Drill Pipe	62.00			4455.75	
Change Over Sub	0.75			4456.50	
Anchor	27.00			4483.50	
Recorder	1.00		Inside	4484.50	
blank Off Sub	0.50			4485.00	
packer	5.00			4490.00	102.00 Tool Interval
Packer	5.00			4495.00	
Recorder	1.00		Outside	4496.00	
Tail pipe	51.00			4547.00	
Bullnose	3.00			4550.00	60.00 Bottom Packers & Anchor

Total Tool Length: 190.00



DRILL STEM TEST REPORT

FLUID SUMMARY

Palomino Petroleum Inc

13-17s-26w Ness

4924 SE 84th St New ton KS 67114-8827

Quenzer-Norton #1

Job Ticket: 16992

DST#: 1

ATTN: Keivn Bailey

Test Start: 2012.12.18 @ 10:15:00

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: 46.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.00 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psia

Salinity: 3100.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
190.00	w ater mud cut oil 10%w ater 30%mud 60%oil	0.934
475.00	oil cut mud 40%oil 60%mud	4.932
30.00	clean oil	0.421
0.00	Gravity oil 42	0.000
0.00	chlorides 30,000 resistivity .3@60degree	0.000

Total Length: 695.00 ft

Total Volume: 6.287 bbl

Num Fluid Samples: 0

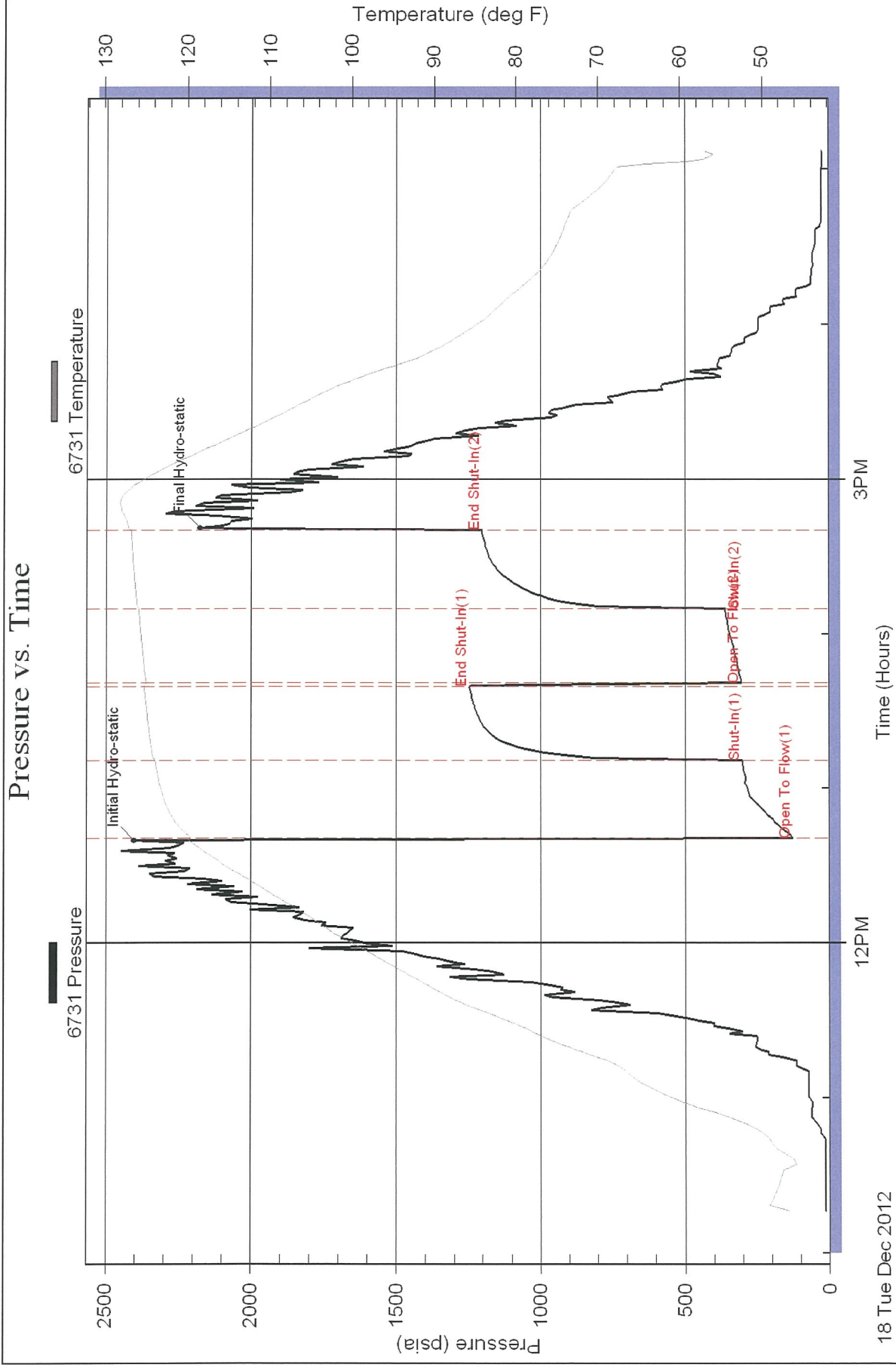
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



Pressure vs. Time

