



DRILL STEM TEST REPORT

Prepared For: **Palomino Petroleum Incorporated**

4924 Southeast 84th Street
Newton, Kansas
67114+8827

ATTN: Nick Gerstner

Curtis #1

10/16S/26W/Ness

Start Date: 2012.07.18 @ 15:23:00

End Date: 2012.07.18 @ 22:48:30

Job Ticket #: 17663 DST #: 1

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

Printed: 2012.07.21 @ 14:40:57

Palomino Petroleum Incorporated

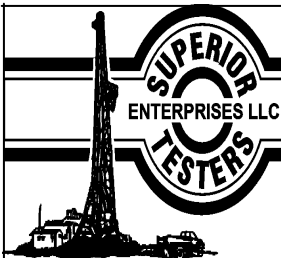
10/16S/26W/Ness

Curtis #1

DST # 1

Lansing/Kansas City

2012.07.18



DRILL STEM TEST REPORT

Palomino Petroleum Incorporated

10/16S/26W/Ness

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Curtis #1

Job Ticket: 17663

DST#: 1

Test Start: 2012.07.18 @ 15:23:00

GENERAL INFORMATION:

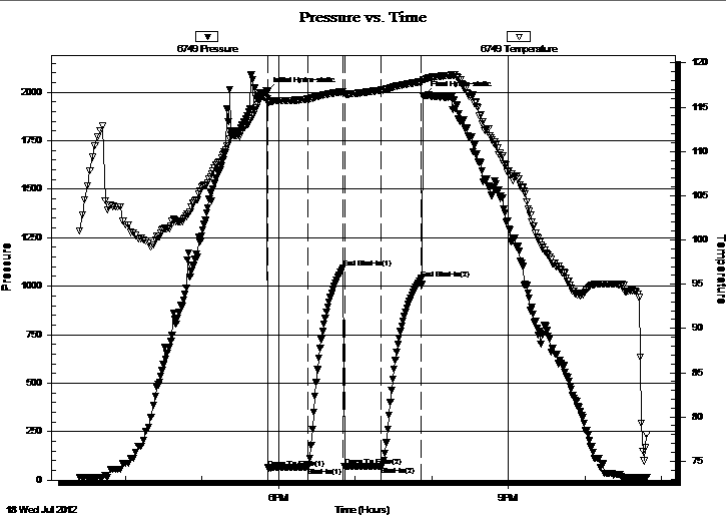
Formation: **Lansing/Kansas City**
 Deviated: No Whipstock: ft (KB) Test Type: Conventional Bottom Hole (Initial)
 Time Tool Opened: 17:51:30 Tester: Ken Swinney
 Time Test Ended: 22:48:30 Unit No: 3325 Scott City/100
 Interval: **4081.00 ft (KB) To 4154.00 ft (KB) (TVD)** Reference Elevations: 2632.00 ft (KB)
 Total Depth: 4154.00 ft (KB) (TVD) 2624.00 ft (CF)
 Hole Diameter: 7.80 inches Hole Condition: Fair KB to GR/CF: 8.00 ft

Serial #: 6749

Inside

Press @ Run Depth: 73.22 psia @ 4150.04 ft (KB) Capacity: 5000.00 psia
 Start Date: 2012.07.18 End Date: 2012.07.18 Last Calib.: 2012.07.18
 Start Time: 15:24:00 End Time: 22:48:30 Time On Btm: 2012.07.18 @ 17:51:00
 Time Off Btm: 2012.07.18 @ 19:54:00

TEST COMMENT: 1ST Open 30 Minutes/Weak surface blow/Blow did not build/Blow died in 9 minutes
 1ST Shut In 30 Minutes/No blow back
 2ND Open 30 Minutes/Dead/No blow
 2ND Shut In 30 Minutes/No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	2002.83	115.94	Initial Hydro-static
1	63.43	115.55	Open To Flow (1)
32	68.42	115.91	Shut-In(1)
60	1092.81	116.77	End Shut-In(1)
61	70.15	116.51	Open To Flow (2)
90	73.22	116.92	Shut-In(2)
121	1039.10	117.88	End Shut-In(2)
123	1982.86	118.13	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	Mud with show of oil in tool/Mud 100%	0.05

Gas Rates

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



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Curtis #1

Job Ticket: 17663

DST#: 1

Test Start: 2012.07.18 @ 15:23:00

GENERAL INFORMATION:

Formation: **Lansing/Kansas City**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 17:51:30

Time Test Ended: 22:48:30

Test Type: Conventional Bottom Hole (Initial)

Tester: Ken Swinney

Unit No: 3325 Scott City/100

Interval: 4081.00 ft (KB) To 4154.00 ft (KB) (TVD)

Reference Elevations: 2632.00 ft (KB)

Total Depth: 4154.00 ft (KB) (TVD)

2624.00 ft (CF)

Hole Diameter: 7.80 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

Serial #: 6999 Outside

Press @ RunDepth: 1039.46 psia @ 4151.04 ft (KB)

Capacity: 5000.00 psia

Start Date: 2012.07.18

End Date: 2012.07.18

Last Calib.: 2012.07.18

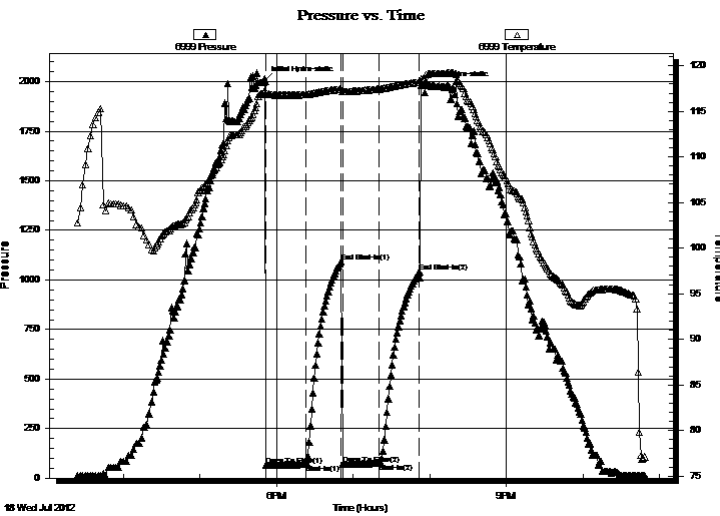
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Time On Btm: 2012.07.18 @ 17:51:00

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TEST COMMENT: 1ST Open 30 Minutes/Weak surface blow/Blow did not build/Blow died in 9 minutes
 1ST Shut In 30 Minutes/No blow back
 2ND Open 30 Minutes/Dead/No blow
 2ND Shut In 30 Minutes/No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	2003.47	117.26	Initial Hydro-static
1	63.56	116.89	Open To Flow (1)
32	68.81	116.83	Shut-In(1)
60	1093.22	117.44	End Shut-In(1)
61	70.21	117.22	Open To Flow (2)
90	73.94	117.45	Shut-In(2)
121	1039.46	118.20	End Shut-In(2)
123	1980.03	118.53	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	Mud with show of oil in tool/Mud 100%	0.05

Gas Rates

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



DRILL STEM TEST REPORT

TOOL DIAGRAM

Palomino Petroleum Incorporated

10/16S/26W/Ness

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 ATTN: Nick Gerstner

Curtis #1

Job Ticket: 17663

DST#: 1

Test Start: 2012.07.18 @ 15:23:00

Tool Information

Drill Pipe:	Length: 3964.00 ft	Diameter: 3.80 inches	Volume: 55.60 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 120.00 ft	Diameter: 2.25 inches	Volume: 0.59 bbl	Weight to Pull Loose: 74000.00 lb
			Total Volume: 56.19 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	30.00 ft			String Weight: Initial 48000.00 lb
Depth to Top Packer:	4081.00 ft			Final 48000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	73.04 ft			
Tool Length:	100.04 ft			
Number of Packers:	2	Diameter: 6.75 inches		
Tool Comments:				

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Shut In Tool	5.00			4059.00	
Hydraulic Tool	5.00			4064.00	
Jars	5.00			4069.00	
Safety Joint	2.00			4071.00	
Packer	5.00			4076.00	27.00 Bottom Of Top Packer
Packer	5.00			4081.00	
Perforations	6.00			4087.00	
Change Over Sub	0.75			4087.75	
Drill Pipe	31.54			4119.29	
Change Over Sub	0.75			4120.04	
Anchor	29.00			4149.04	
Recorder	1.00	6749	Inside	4150.04	
Recorder	1.00	6999	Outside	4151.04	
Bullnose	3.00			4154.04	73.04 Bottom Packers & Anchor

Total Tool Length: 100.04



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FLUID SUMMARY

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Job Ticket: 17663

DST#: 1

Test Start: 2012.07.18 @ 15:23:00

Mud and Cushion Information

Mud Type: Gel Chem
 Mud Weight: 9.00 lb/gal
 Viscosity: 44.00 sec/qt
 Water Loss: 7.98 in³
 Resistivity: ohm.m
 Salinity: 1700.00 ppm
 Filter Cake: 1.00 inches

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

Oil API: deg API
 Water Salinity: ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	Mud with show of oil in tool/Mud 100%	0.049

Total Length: 10.00 ft Total Volume: 0.049 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments:

Serial #: 6749

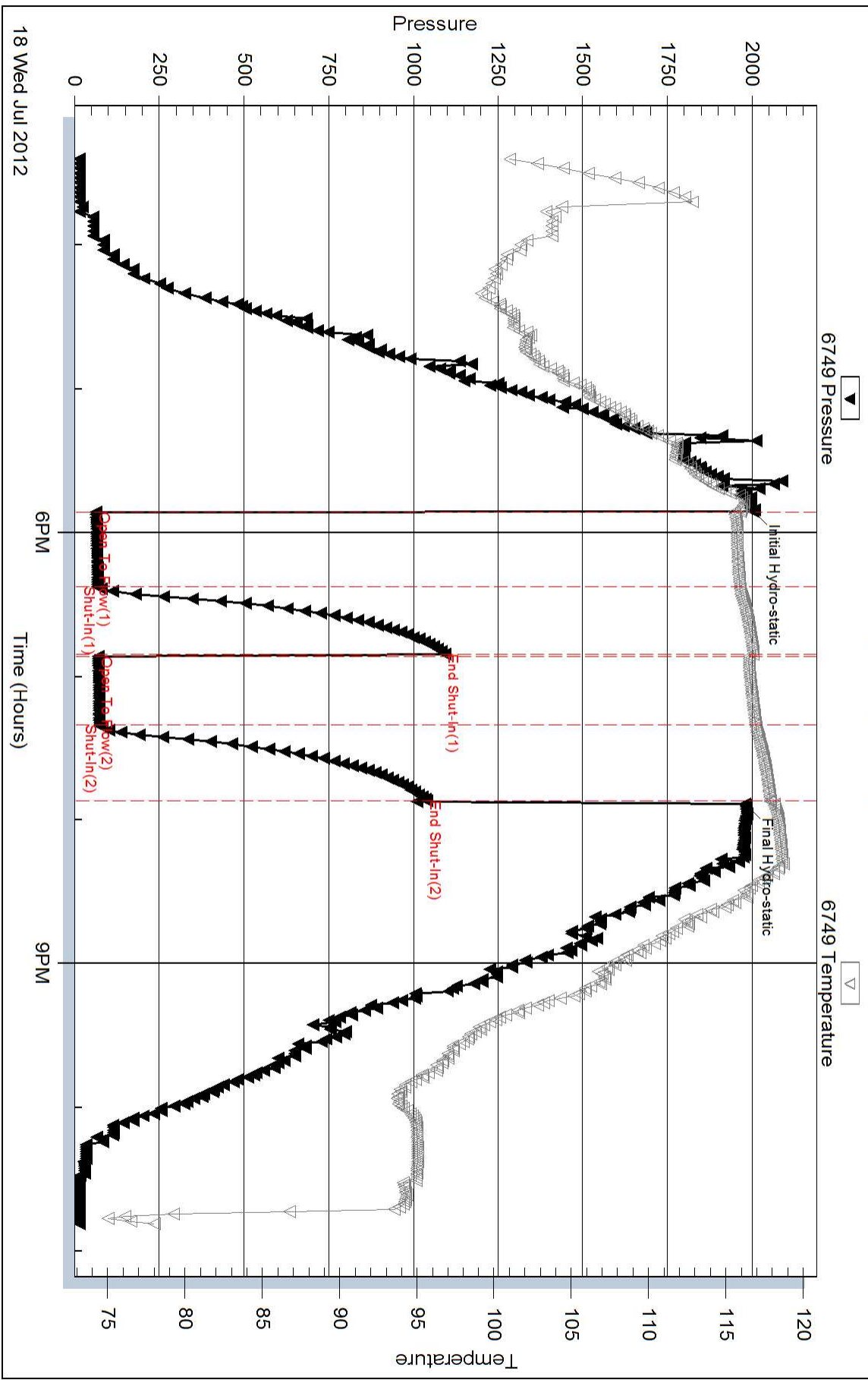
Inside

Palomino Petroleum Incorporated

Curtis #1

DST Test Number: 1

Pressure vs. Time



Superior Testers Enterprises LLC

Ref. No: 17663

Printed: 2012.07.21 @ 14:40:58

Pressure vs. Time

