



DRILL STEM TEST REPORT

Prepared For: **Falcon Exploration Incorporated**

125 North Market
Suite 1252
Wichita, Kansas 67202+1719

ATTN: Keith Reavis

RCJ #1-34

34/28S/30W/Gray

Start Date: 2012.08.27 @ 20:20:00

End Date: 2012.08.28 @ 04:25:30

Job Ticket #: 17674 DST #: 2

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

Printed: 2012.08.28 @ 04:43:50



DRILL STEM TEST REPORT

Falcon Exploration Incorporated

34/28S/30W/Gray

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ATTN: Keith Reavis

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DST#: 2

Test Start: 2012.08.27 @ 20:20:00

GENERAL INFORMATION:

Formation: **Stotler**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 22:29:30

Time Test Ended: 04:25:30

Test Type: Conventional Straddle (Initial)

Tester: Ken Swinney

Unit No: 3325 Great Bend/240

Interval: 3420.00 ft (KB) To 3515.00 ft (KB) (TVD)

Reference Elevations: 2740.00 ft (KB)

Total Depth: 3560.00 ft (KB) (TVD)

2727.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 13.00 ft

Serial #: 6999

Press @ RunDepth: 163.29 psia @ 3508.31 ft (KB)

Capacity: 5000.00 psia

Start Date: 2012.08.27

End Date: 2012.08.28

Last Calib.: 2012.08.28

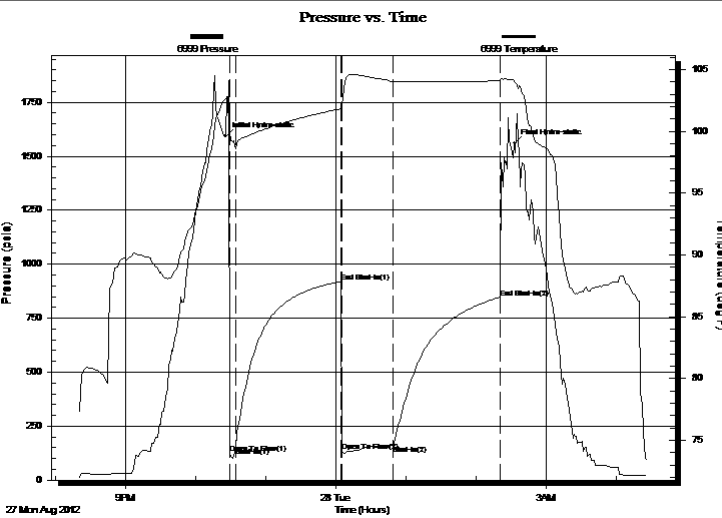
Start Time: 20:20:00

End Time: 04:25:30

Time On Btm: 2012.08.27 @ 22:25:30

Time Off Btm: 2012.08.28 @ 02:32:30

TEST COMMENT: 1ST Open 5 Minutes/Strong blow /Blow built to bottom of bucket in 1 1/2 minutes
 1ST Shut In 90 Minutes/No blow back
 2ND Open 45 Minutes/Strong blow /Blow to bottom of bucket in 40 seconds/After pressure bleed blow slow ed
 2ND Shut In 90 Minutes/Blow back built to 1 inch



PRESSURE SUMMARY

Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1591.87	102.64	Initial Hydro-static
4	126.06	99.97	Open To Flow (1)
9	150.70	98.58	Shut-In(1)
99	920.09	101.84	End Shut-In(1)
100	133.77	102.16	Open To Flow (2)
144	163.29	104.04	Shut-In(2)
235	843.33	104.09	End Shut-In(2)
248	1558.98	104.10	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
240.00	Mud 100%	1.18

Gas Rates

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



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Reference Elevations: 2740.00 ft (KB)

Total Depth: 3560.00 ft (KB) (TVD)

2727.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 13.00 ft

Serial #: 6651

Press @ RunDepth: 856.99 psia @ 3508.31 ft (KB)

Capacity: 5000.00 psia

Start Date: 2012.08.27

End Date: 2012.08.28

Last Calib.: 2012.08.28

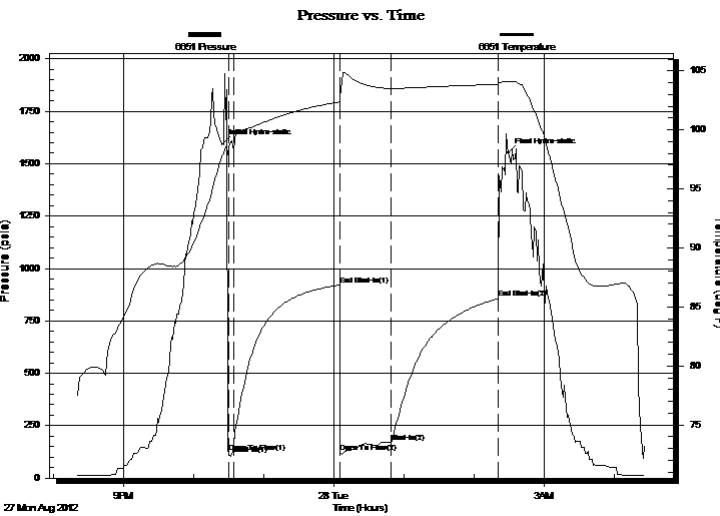
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PRESSURE SUMMARY

Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1593.34	97.88	Initial Hydro-static
5	121.92	98.34	Open To Flow (1)
10	155.57	98.26	Shut-In(1)
100	921.18	102.36	End Shut-In(1)
101	124.86	102.86	Open To Flow (2)
144	171.38	103.48	Shut-In(2)
235	856.99	103.86	End Shut-In(2)
244	1552.05	104.09	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
240.00	Mud 100%	1.18

Gas Rates

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



DRILL STEM TEST REPORT

TOOL DIAGRAM

Falcon Exploration Incorporated

34/28S/30W/Gray

125 North Market
Suite 1252
Wichita, Kansas 67202+1719
ATTN: Keith Reavis

RCJ #1-34

Job Ticket: 17674

DST#: 2

Test Start: 2012.08.27 @ 20:20:00

Tool Information

Drill Pipe:	Length: 3075.00 ft	Diameter: 3.80 inches	Volume: 43.13 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: 330.00 ft	Diameter: 2.25 inches	Volume: 1.62 bbl	Weight to Pull Loose: 120000.0 lb
			<u>Total Volume: 44.75 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	7.00 ft			String Weight: Initial 74000.00 lb
Depth to Top Packer:	3420.00 ft			Final 75000.00 lb
Depth to Bottom Packer:	3508.96 ft			
Interval between Packers:	88.96 ft			
Tool Length:	161.47 ft			
Number of Packers:	3	Diameter: 6.75 inches		
Tool Comments:				

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			3403.00	
Hydraulic Tool	5.00			3408.00	
Jars	5.00			3413.00	
Safety Joint	2.00			3415.00	
Packer	5.00			3420.00	22.00 Bottom Of Top Packer
Perforations	3.00		Outside	3423.00	
Change over sub	0.64			3423.64	
Drill Pipe	64.00			3487.64	
Change over sub	0.67			3488.31	
Handling sub	5.00			3493.31	
Perforations	15.00			3508.31	
Recorder	0.00	6651		3508.31	
Recorder	0.00	6999		3508.31	
Blank Off Sub	0.65			3508.96	
Packer	5.00			3513.96	88.96 Tool Interval
Packer	5.00			3518.96	
Change over sub	0.66			3519.62	
Drill Pipe	32.06			3551.68	
Change over sub	0.79			3552.47	
Perforations	4.00			3556.47	
Recorder	0.00	6749	Below	3556.47	
Bullnose	3.00			3559.47	50.51 Bottom Packers & Anchor

Total Tool Length: 161.47



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FLUID SUMMARY

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Job Ticket: 17674

DST#: 2

Test Start: 2012.08.27 @ 20:20:00

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 46.00 sec/qt
Water Loss: 7.99 in³
Resistivity: ohm.m
Salinity: 3000.00 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
240.00	Mud 100%	1.180

Total Length: 240.00 ft Total Volume: 1.180 bbl

Num Fluid Samples: 0

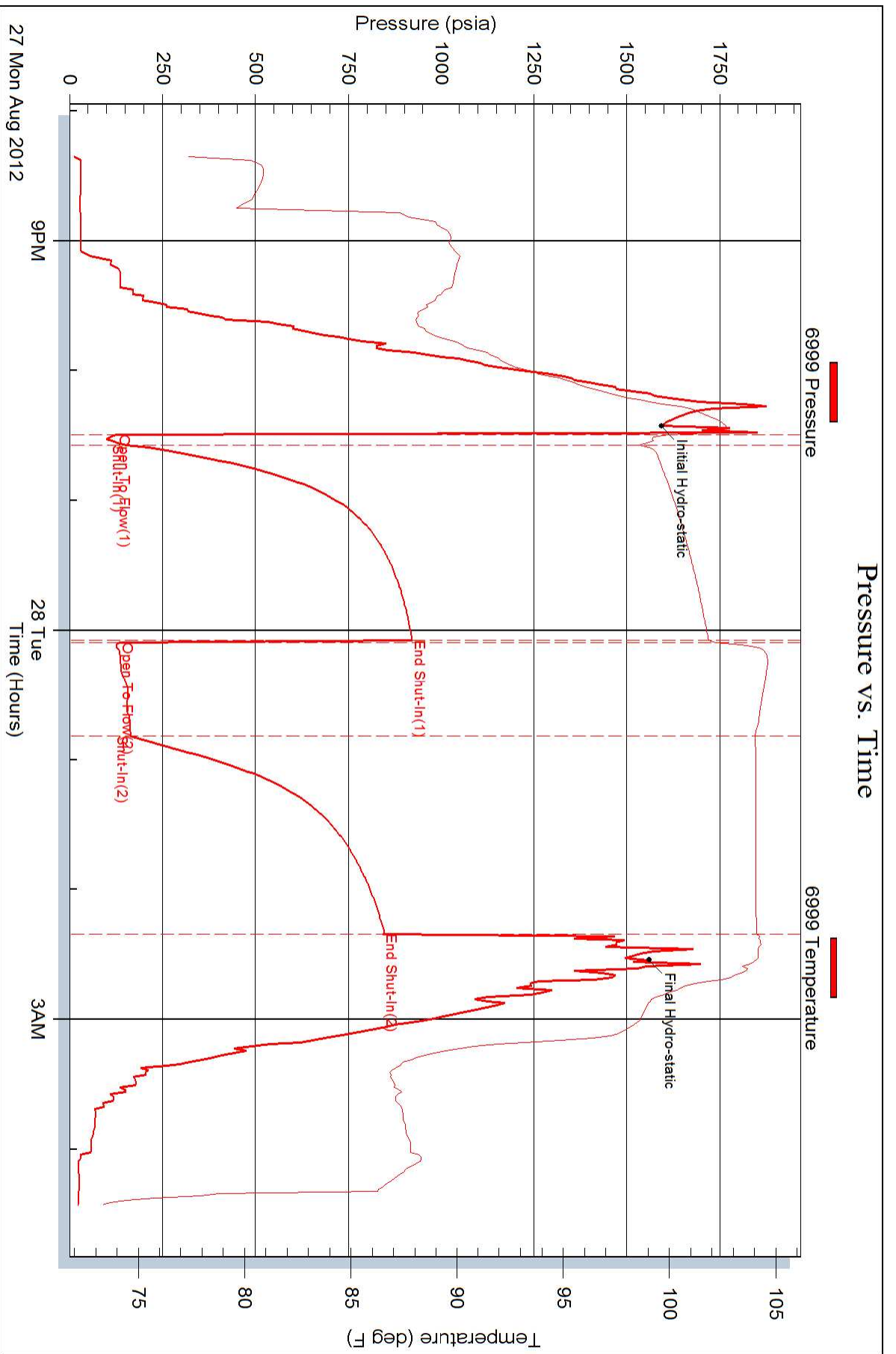
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



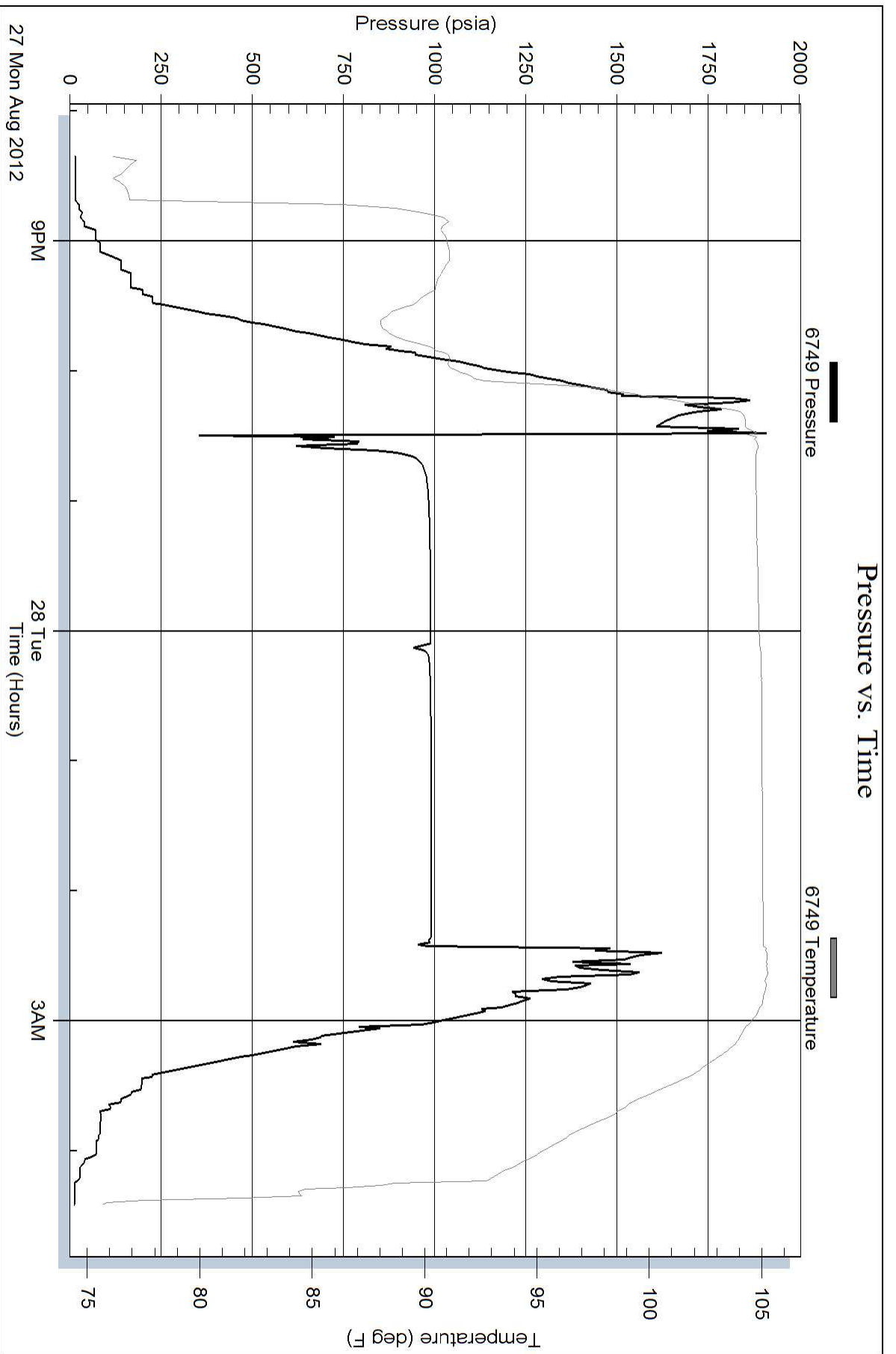
Serial #: 6749

Below

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Superior Testers Enterprises LLC

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Pressure vs. Time

