



DRILL STEM TEST REPORT

Prepared For: **F.G.Holl Company LLC**

9431 East Central Suite #100
Wichita, Kansas 67206+2563

ATTN: Renee

Thompson #1-30

30/30S/13W Barber Co.

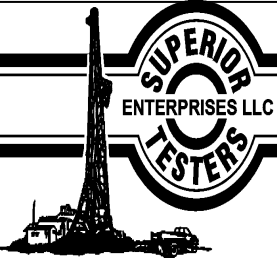
Start Date: 2012.01.26 @ 02:02:00

End Date: 2012.01.26 @ 10:04:00

Job Ticket #: 18875 DST #: 8

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

Printed: 2012.01.29 @ 08:21:24



DRILL STEM TEST REPORT

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ATTN: Renee

30/30S/13W Barber Co.

Thompson #1-30

Job Ticket: 18875

DST#: 8

Test Start: 2012.01.26 @ 02:02:00

GENERAL INFORMATION:

Formation: **Viola**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 04:20:30

Time Test Ended: 10:04:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Dustin Ellis

Unit No: 3345-Great/Bend-150

Interval: 4610.00 ft (KB) To 4635.00 ft (KB) (TVD)

Total Depth: 4635.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 1929.00 ft (KB)

1918.00 ft (CF)

KB to GR/CF: 11.00 ft

Serial #: 6999 Outside

Press @ RunDepth: 45.43 psia @ 4612.56 ft (KB)

Capacity: 5000.00 psia

Start Date: 2012.01.26

End Date: 2012.01.26

Last Calib.: 2012.01.26

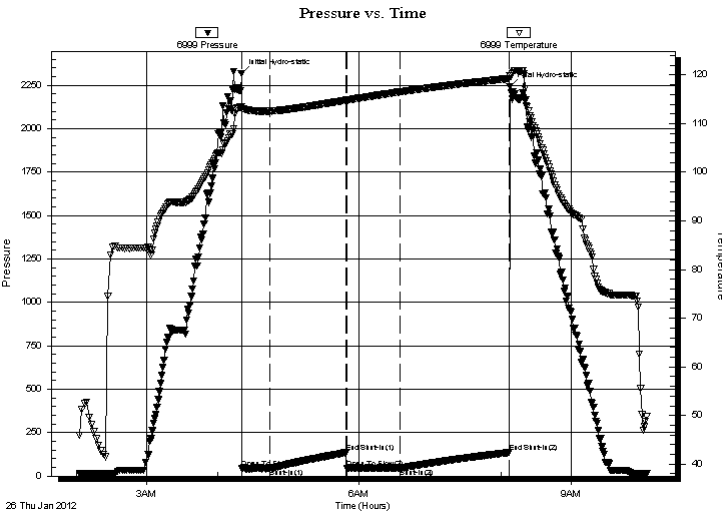
Start Time: 02:03:00

End Time: 10:04:00

Time On Btm: 2012.01.26 @ 04:20:00

Time Off Btm: 2012.01.26 @ 08:07:30

TEST COMMENT: 1st Open 30 minutes Fair building blow /blew 8 inches in 30 minutes.
1st Shutin 60 minutes Yes blow back
2nd Open 45 minutes Fair building blow built to the bottom of the bucket in 42 minutes
2nd Shutin 90 minutes Yes blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	2319.51	113.54	Initial Hydro-static
1	43.17	113.09	Open To Flow (1)
25	43.57	112.58	Shut-In(1)
89	134.87	114.79	End Shut-In(1)
90	43.54	114.82	Open To Flow (2)
135	45.43	116.51	Shut-In(2)
227	135.80	119.26	End Shut-In(2)
228	2240.69	119.77	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
30.00	Drilling mud 100%	0.42

Gas Rates

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



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 ATTN: Renee

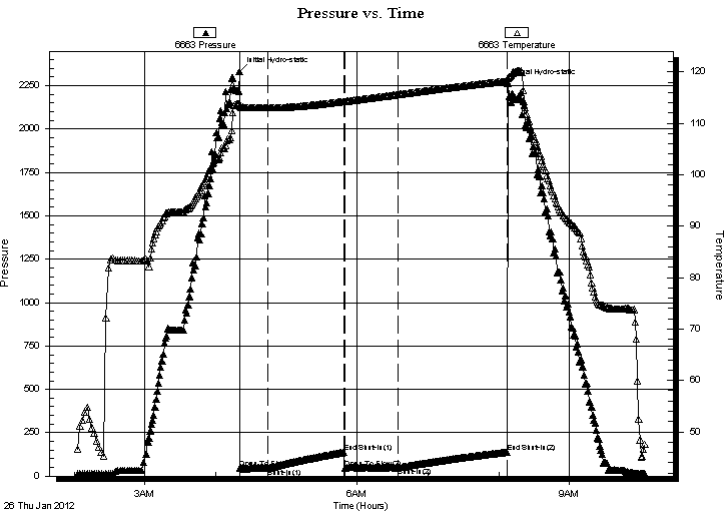
30/30S/13W Barber Co.
Thompson #1-30
 Job Ticket: 18875 **DST#: 8**
 Test Start: 2012.01.26 @ 02:02:00

GENERAL INFORMATION:

Formation: Viola		Test Type: Conventional Bottom Hole (Initial)
Deviated: No Whipstock: ft (KB)		Tester: Dustin Ellis
Time Tool Opened: 04:20:30		Unit No: 3345-Great/Bend-150
Time Test Ended: 10:04:00		
Interval: 4610.00 ft (KB) To 4635.00 ft (KB) (TVD)	Reference Elevations: 1929.00 ft (KB)	
Total Depth: 4635.00 ft (KB) (TVD)	1918.00 ft (CF)	
Hole Diameter: 7.88 inches Hole Condition: Fair	KB to GR/CF: 11.00 ft	

Serial #: 6663	Outside			
Press @ RunDepth: 138.72 psia @ 4612.56 ft (KB)	Capacity: 5000.00 psia			
Start Date: 2012.01.26	End Date: 2012.01.26	Last Calib.: 2012.01.26		
Start Time: 02:03:00	End Time: 10:03:30	Time On Btm: 2012.01.26 @ 04:20:00		
		Time Off Btm: 2012.01.26 @ 08:07:30		

TEST COMMENT: 1st Open 30 minutes Fair building blow /blew 8 inches in 30 minutes.
 1st Shutin 60 minutes Yes blow back
 2nd Open 45 minutes Fair building blow built to the bottom of the bucket in 42 minutes
 2nd Shutin 90 minutes Yes blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	2333.38	113.82	Initial Hydro-static
1	45.35	113.24	Open To Flow (1)
25	45.00	112.98	Shut-In(1)
89	137.85	114.24	End Shut-In(1)
90	45.07	114.23	Open To Flow (2)
135	47.84	115.57	Shut-In(2)
228	138.72	118.20	End Shut-In(2)
228	2262.39	118.78	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
30.00	Drilling mud 100%	0.42

Gas Rates

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



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TOOL DIAGRAM

F.G.Holl Company LLC

30/30S/13W Barber Co.

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Wichita, Kansas 67206+2563

Thompson #1-30

Job Ticket: 18875

DST#: 8

ATTN: Renee

Test Start: 2012.01.26 @ 02:02:00

Tool Information

Drill Pipe:	Length: 4595.00 ft	Diameter: 3.80 inches	Volume: 64.46 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: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 73000.00 lb
			<u>Total Volume: 64.46 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	13.00 ft			String Weight: Initial 59000.00 lb
Depth to Top Packer:	4610.00 ft			Final 61000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	25.00 ft			
Tool Length:	53.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut-In Tool	5.00			4587.00	
Hydraulic Tool	5.00			4592.00	
Jars	6.00			4598.00	
Safety Joint	2.00			4600.00	
Packer	5.00			4605.00	28.00 Bottom Of Top Packer
Packer	5.00			4610.00	
Anchor	20.00			4630.00	
Recorder	1.00	6731	Inside	4631.00	
Recorder	1.00	6666	Outside	4632.00	
Bull Plug	3.00			4635.00	25.00 Bottom Packers & Anchor
Total Tool Length:	53.00				



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FLUID SUMMARY

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Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 64.00 sec/qt

Water Loss: 8.79 in³

Resistivity: ohm.m

Salinity: 4000.00 ppm

Filter Cake: 1.00 inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psia

Oil API:

Water Salinity: deg API

ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
30.00	Drilling mud 100%	0.421

Total Length: 30.00 ft Total Volume: 0.421 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

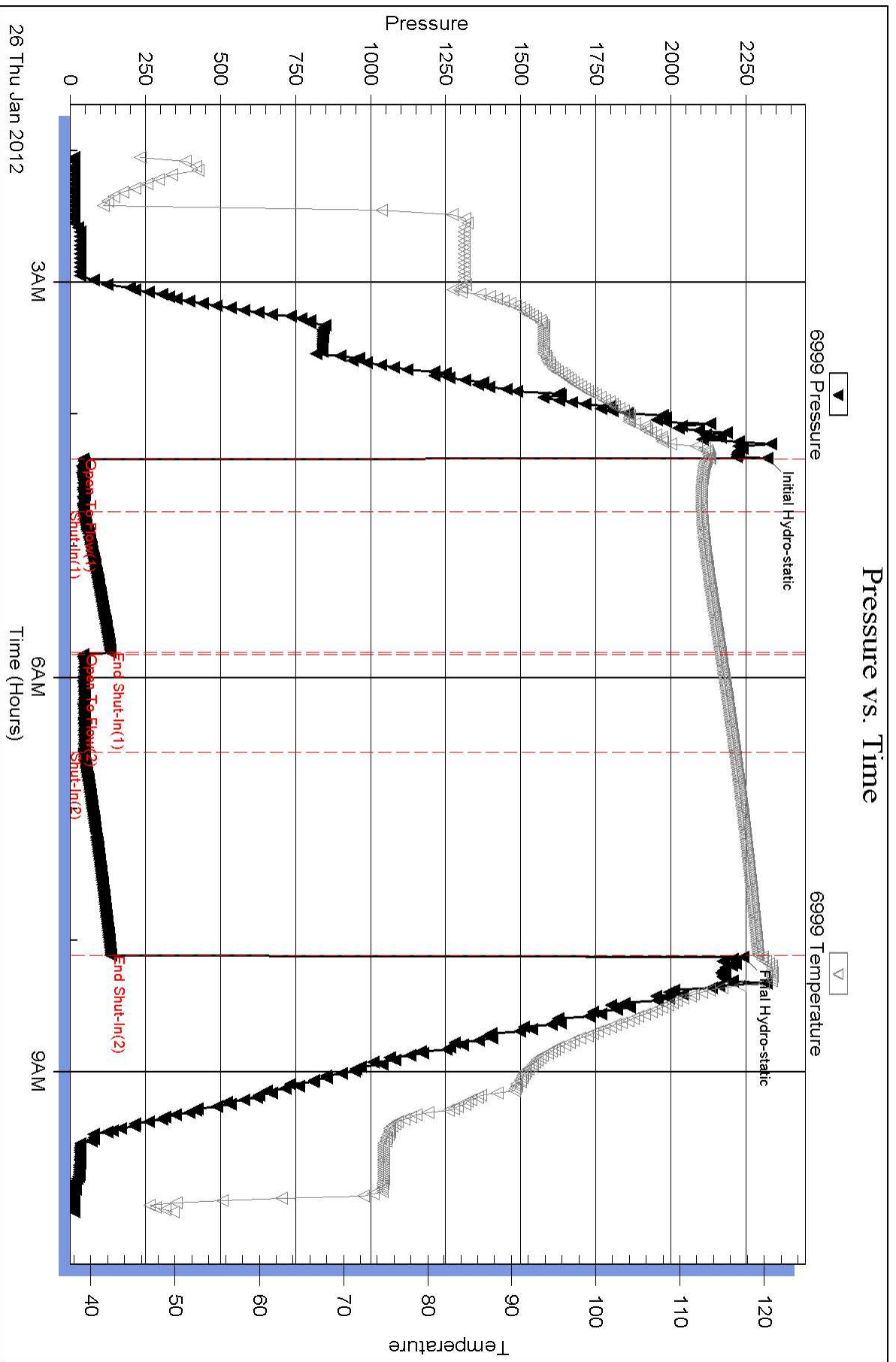
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time



Pressure vs. Time

