



DRILL STEM TEST REPORT

Prepared For: **F.G.Holl Company L.L.C.**

9431 east Central Suite 100
Wichita, Kansas 67206

ATTN: Rene Husted

Button "A" Unit #1-24

29-19s-15w Barton

Start Date: 2012.09.05 @ 00:00:00

End Date: 2012.09.05 @ 00:00:00

Job Ticket #: 17793 DST #: 4

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

Printed: 2012.09.05 @ 10:37:13

F.G.Holl Company L.L.C.

29-19s-15w Barton

Button "A" Unit #1-24

DST # 4

Kansas City "C,D,E &

2012.09.05



DRILL STEM TEST REPORT

F.G.Holl Company L.L.C.

29-19s-15w Barton

9431 east Central Suite 100
Wichita, Kansas 67206

Button "A" Unit #1-24

ATTN: Rene Husted

Job Ticket: 17793

DST#: 4

Test Start: 2012.09.05 @ 00:00:00

GENERAL INFORMATION:

Formation: **Kansas City "C,D,E &**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 00:00:00

Time Test Ended: 00:00:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Gene Budig

Unit No: 3335

Interval: 3263.00 ft (KB) To 3291.00 ft (KB) (TVD)

Reference Elevations: 1915.00 ft (KB)

Total Depth: 3291.00 ft (KB) (TVD)

1907.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

Serial #: 6839 Outside

Press @ Run Depth: 728.58 psia @ 3288.00 ft (KB)

Capacity: 5000.00 psia

Start Date: 2012.09.05 End Date: 2012.09.05

Last Calib.: 2012.09.05

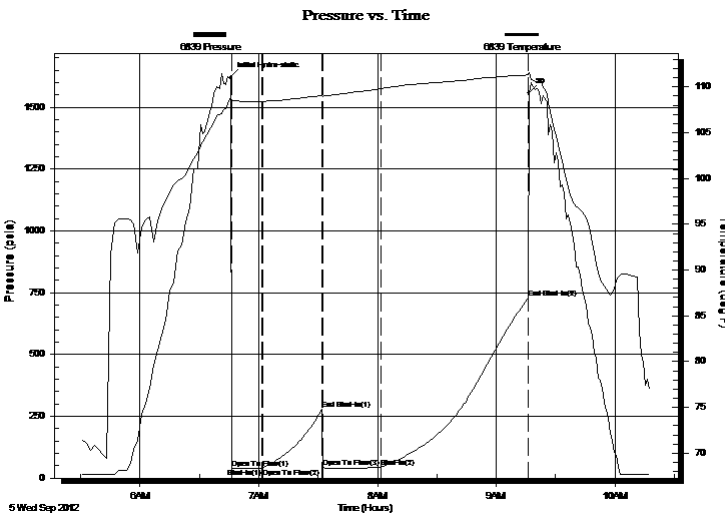
Start Time: 05:30:00 End Time: 10:17:30

Time On Btm: 2012.09.05 @ 06:46:00

Time Off Btm:

TEST COMMENT: 1st Opening 15 Minutes Weak blow for 12 minutes and died
1st Shut-In 30 Minutes-No low back
2nd Opening 30 Minutes-Weak surface blow through out
2n Shut-In 60 Minutes-NO Blow back

PRESSURE SUMMARY



Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1623.86	108.81	Initial Hydro-static
1	39.28	108.46	Open To Flow (1)
16	38.68	108.43	Shut-In(1)
16	40.73	108.44	Open To Flow (2)
46	279.23	109.05	End Shut-In(1)
47	43.09	108.99	Open To Flow (3)
76	42.45	109.82	Shut-In(2)
150	728.58	111.31	End Shut-In(2)
151	1558.45	111.59	20

Recovery

Length (ft)	Description	Volume (bbl)
20.00	25% Oil 75%Mud	0.28

Gas Rates

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



DRILL STEM TEST REPORT

F.G.Holl Company L.L.C.

29-19s-15w Barton

9431 east Central Suite 100
Wichita, Kansas 67206

Button "A" Unit #1-24

ATTN: Rene Husted

Job Ticket: 17793

DST#: 4

Test Start: 2012.09.05 @ 00:00:00

GENERAL INFORMATION:

Formation: **Kansas City "C,D,E &**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 00:00:00

Time Test Ended: 00:00:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Gene Budig

Unit No: 3335

Interval: 3263.00 ft (KB) To 3291.00 ft (KB) (TVD)

Reference Elevations: 1915.00 ft (KB)

Total Depth: 3291.00 ft (KB) (TVD)

1907.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

Serial #: 6838 Inside

Press @ Run Depth: 726.46 psia @ 3287.00 ft (KB)

Capacity: 5000.00 psia

Start Date: 2012.09.05 End Date: 2012.09.05

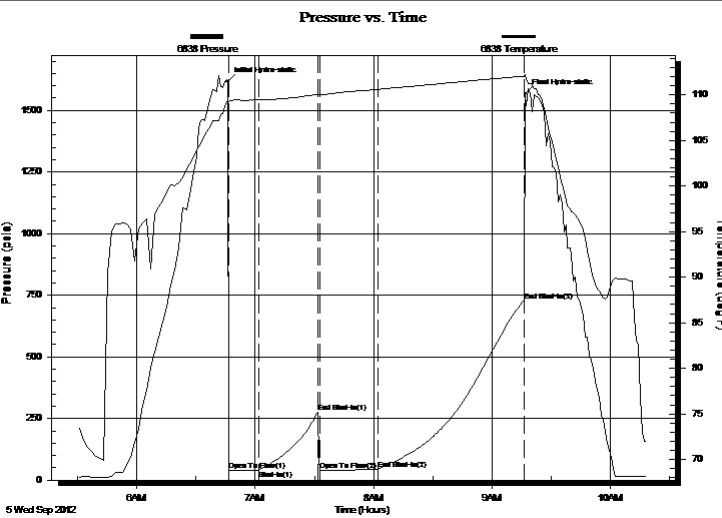
Last Calib.: 1899.12.30

Start Time: 05:30:00 End Time: 10:18:30

Time On Btm: 2012.09.05 @ 06:46:00

Time Off Btm: 2012.09.05 @ 09:17:00

TEST COMMENT: 1st Opening 15 Minutes Weak blow for 12 minutes and died
1st Shut-In 30 Minutes-No low back
2nd Opening 30 Minutes-Weak surface blow through out
2n Shut-In 60 Minutes-NO Blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1618.52	109.36	Initial Hydro-static
1	39.48	109.27	Open To Flow (1)
16	40.50	109.42	Shut-In(1)
46	277.29	110.02	End Shut-In(1)
47	38.75	110.01	Open To Flow (2)
76	43.93	110.59	End Shut-In(2)
151	726.46	112.05	End Shut-In(3)
151	1567.58	112.23	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
20.00	25% Oil 75%Mud	0.28

Gas Rates

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



DRILL STEM TEST REPORT

TOOL DIAGRAM

F.G.Holl Company L.L.C.

29-19s-15w Barton

9431 east Central Suite 100
Wichita, Kansas 67206

Button "A" Unit #1-24

Job Ticket: 17793

DST#: 4

ATTN: Rene Husted

Test Start: 2012.09.05 @ 00:00:00

Tool Information

Drill Pipe:	Length: 3251.00 ft	Diameter: 3.80 inches	Volume: 45.60 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: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 56000.00 lb
			<u>Total Volume: 45.60 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	16.00 ft			String Weight: Initial 38000.00 lb
Depth to Top Packer:	3263.00 ft			Final 38000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	28.00 ft			
Tool Length:	56.00 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			3240.00	
Hydraulic Tool	5.00			3245.00	
Jars	6.00			3251.00	
Safety Joint	2.00			3253.00	
Packer	5.00			3258.00	28.00 Bottom Of Top Packer
Packer	5.00			3263.00	
Perforations	23.00			3286.00	
Recorder	1.00	6838	Inside	3287.00	
Recorder	1.00	6839	Outside	3288.00	
Bull Plug	3.00			3291.00	28.00 Bottom Packers & Anchor
Total Tool Length:	56.00				



DRILL STEM TEST REPORT

FLUID SUMMARY

F.G.Holl Company L.L.C.

29-19s-15w Barton

9431 east Central Suite 100
Wichita, Kansas 67206

Button "A" Unit #1-24

Job Ticket: 17793

DST#: 4

ATTN: Rene Husted

Test Start: 2012.09.05 @ 00:00:00

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: 47.00 sec/qt

Cushion Volume: bbl

Water Loss: 10.00 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure: psia

Salinity: 7000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
20.00	25% Oil 75%Mud	0.281

Total Length: 20.00 ft Total Volume: 0.281 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

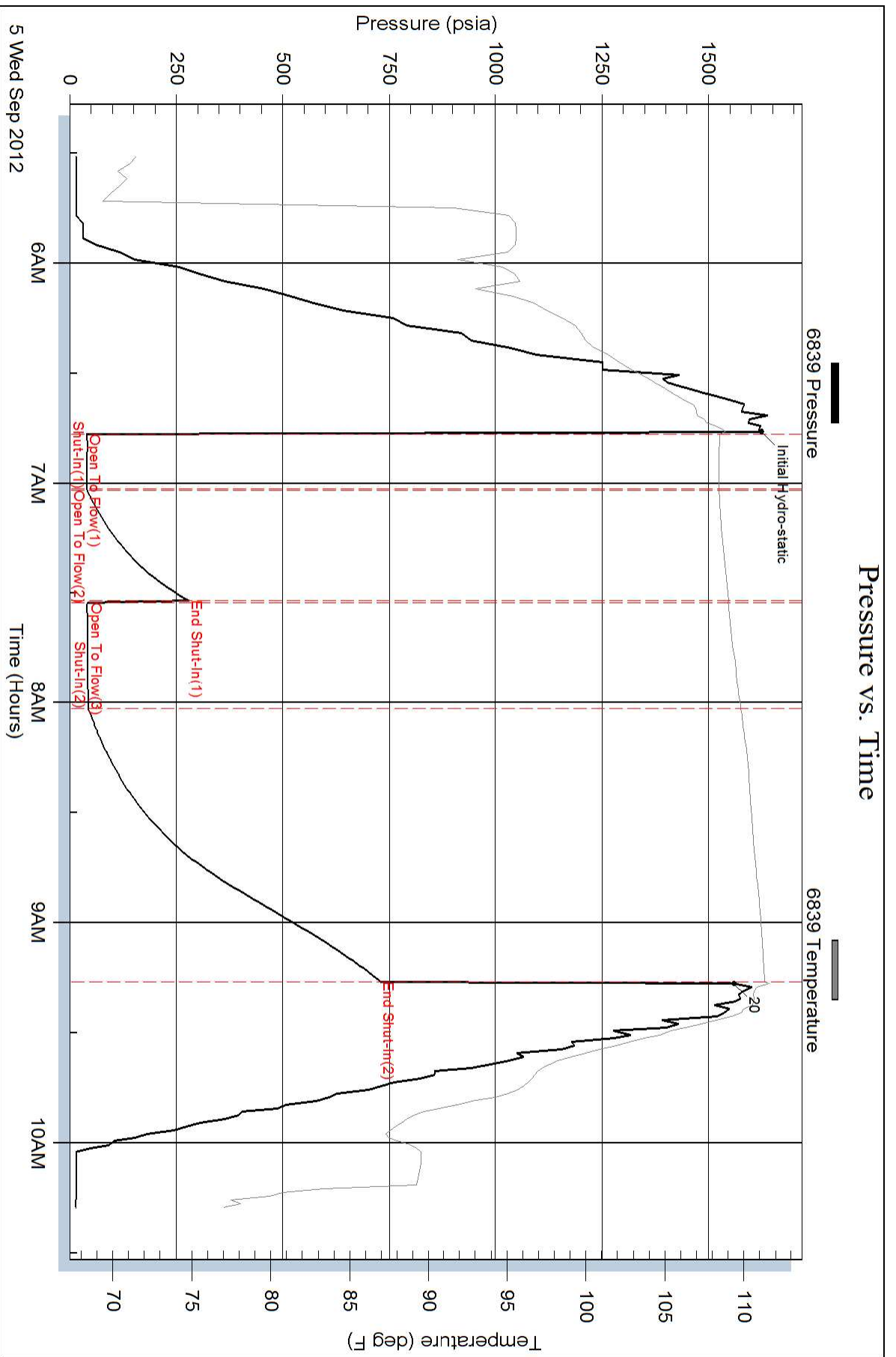
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time



Pressure vs. Time

