



DRILL STEM TEST REPORT

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

9431 East Central Suite 100
Wichita Kansas 67206

ATTN: Ryan Greenbaum

Webster # 1-36

36-22s-22w-Hodgeman

Start Date: 2012.03.02 @ 02:20:00

End Date: 2012.03.02 @ 09:46:53

Job Ticket #: 17192 DST #: 3

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

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DRILL STEM TEST REPORT

F.G. Holl Company LLC.

36-22s-22w-Hodgeman

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Wichita Kansas 67206

Webster # 1-36

Job Ticket: 17192

DST#: 3

ATTN: Ryan Greenbaum

Test Start: 2012.03.02 @ 02:20:00

GENERAL INFORMATION:

Formation: **Mississippi**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 04:22:53

Time Test Ended: 09:46:53

Test Type: Conventional Bottom Hole (Initial)

Tester: Dustin Ellis

Unit No: 3315-GB-140

Interval: 4574.00 ft (KB) To 4584.00 ft (KB) (TVD)

Reference Elevations: 2309.00 ft (KB)

Total Depth: 4584.00 ft (KB) (TVD)

2301.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

Serial #: 6663

Press @ RunDepth: 93.23 psia @ ft (KB)

Capacity: 5000.00 psia

Start Date: 2012.03.02 End Date: 2012.03.02

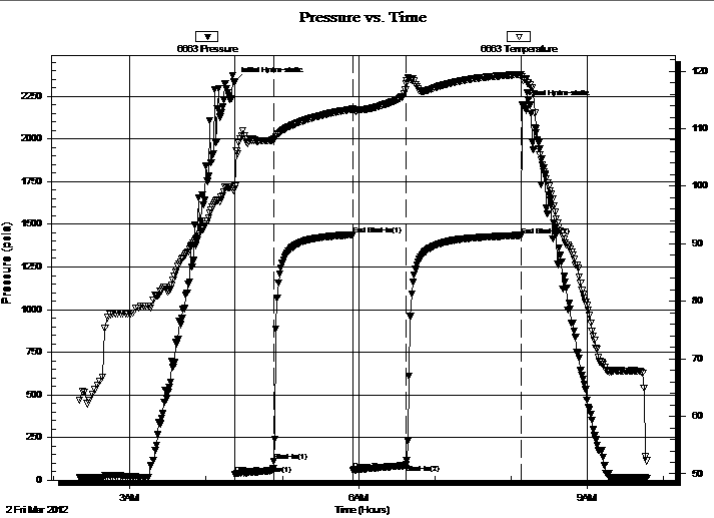
Last Calib.: 2012.03.02

Start Time: 02:20:00 End Time: 09:46:53

Time On Btm: 2012.03.02 @ 04:22:23

Time Off Btm: 2012.03.02 @ 08:08:53

TEST COMMENT: 1st Open 30 minutes Fair building blow blew 3.5 inches .
1st Shut in 60 minutes No blow back
2nd Open 45 minutes Fair building blow built to 3.5 inches
2nd Shut in 90 minutes No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	2334.78	99.52	Initial Hydro-static
1	35.69	99.99	Open To Flow (1)
31	109.14	108.14	Shut-In(1)
93	1438.55	113.40	End Shut-In(1)
94	58.97	113.16	Open To Flow (2)
135	93.23	117.77	Shut-In(2)
226	1434.83	119.44	End Shut-In(2)
227	2201.64	119.11	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	Clean Oil 100%	0.07
115.00	Muddy water	1.61
0.00	Chlorides 56,000 @ 62 Degrees	0.00

Gas Rates

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



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Webster # 1-36

Job Ticket: 17192

DST#: 3

ATTN: Ryan Greenbaum

Test Start: 2012.03.02 @ 02:20:00

GENERAL INFORMATION:

Formation: **Mississippi**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 04:22:53

Time Test Ended: 09:46:53

Test Type: Conventional Bottom Hole (Initial)

Tester: Dustin Ellis

Unit No: 3315-GB-140

Interval: 4574.00 ft (KB) To 4584.00 ft (KB) (TVD)

Reference Elevations: 2309.00 ft (KB)

Total Depth: 4584.00 ft (KB) (TVD)

2301.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

Serial #: 6806

Press @ RunDepth: 1434.69 psia @ ft (KB)

Capacity: 5000.00 psia

Start Date: 2012.03.02 End Date: 2012.03.02

Last Calib.: 2012.03.02

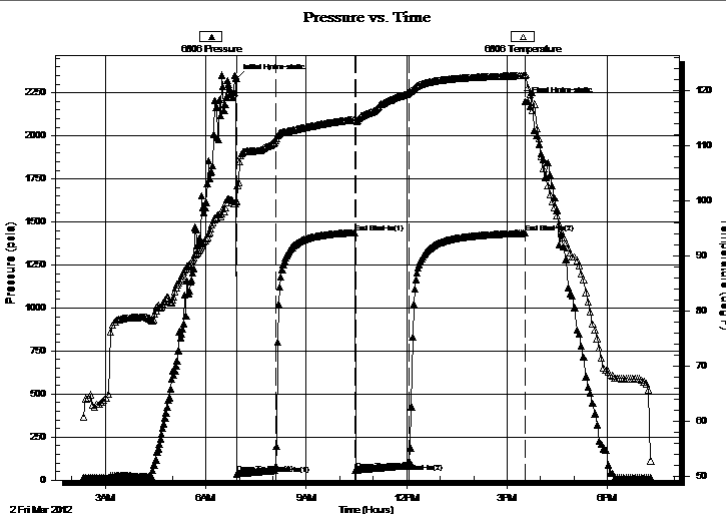
Start Time: 02:20:00 End Time: 19:18:00

Time On Btm: 2012.03.02 @ 06:55:00

Time Off Btm: 2012.03.02 @ 15:33:00

TEST COMMENT: 1st Open 30 minutes Fair building blow blew 3.5 inches .
1st Shut in 60 minutes No blow back
2nd Open 45 minutes Fair building blow built to 3.5 inches
2nd Shut in 90 minutes No blow back

PRESSURE SUMMARY



Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	2335.57	100.08	Initial Hydro-static
1	36.85	100.03	Open To Flow (1)
70	83.20	111.00	Shut-In(1)
212	1438.55	114.85	End Shut-In(1)
213	59.09	114.53	Open To Flow (2)
309	99.87	119.68	Shut-In(2)
517	1434.69	122.75	End Shut-In(2)
518	2198.37	122.99	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	Clean Oil 100%	0.07
115.00	Muddy water	1.61
0.00	Chlorides 56,000 @ 62 Degrees	0.00

Gas Rates

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



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TOOL DIAGRAM

F.G. Holl Company LLC.

36-22s-22w-Hodgeman

9431 East Central Suite 100
Wichita Kansas 67206

Webster # 1-36

Job Ticket: 17192

DST#: 3

ATTN: Ryan Greenbaum

Test Start: 2012.03.02 @ 02:20:00

Tool Information

Drill Pipe:	Length: 4556.00 ft	Diameter: 3.80 inches	Volume: 63.91 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: 75000.00 lb
			<u>Total Volume: 63.91 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	10.00 ft			String Weight: Initial 44000.00 lb
Depth to Top Packer:	4574.00 ft			Final 45000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	10.00 ft			
Tool Length:	38.00 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			4551.00	
Hydraulic Tool	5.00			4556.00	
Jars	6.00			4562.00	
Safety Joint	2.00			4564.00	
Packer	5.00			4569.00	28.00 Bottom Of Top Packer
Packer	5.00			4574.00	
Perforations	5.00			4579.00	
Recorder	1.00	6806	Inside	4580.00	
Recorder	1.00	6663	Outside	4581.00	
Bull Plug	3.00			4584.00	10.00 Bottom Packers & Anchor
Total Tool Length:	38.00				



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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: 46.00 sec/qt
Water Loss: 15.60 in³
Resistivity: 0.40 ohm.m
Salinity: 7300.00 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
5.00	Clean Oil 100%	0.070
115.00	Muddy water	1.613
0.00	Chlorides 56,000 @ 62 Degrees	0.000

Total Length: 120.00 ft Total Volume: 1.683 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

