



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: 2012.03.01 @ 08:10:00

End Date: 2012.03.01 @ 14:02:00

Job Ticket #: 17190 DST #: 1

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

Printed: 2012.03.01 @ 14:15:36



DRILL STEM TEST REPORT

F.G. Holl Company LLC.
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 Wichita Kansas 67206
 ATTN: Ryan Greenbaum

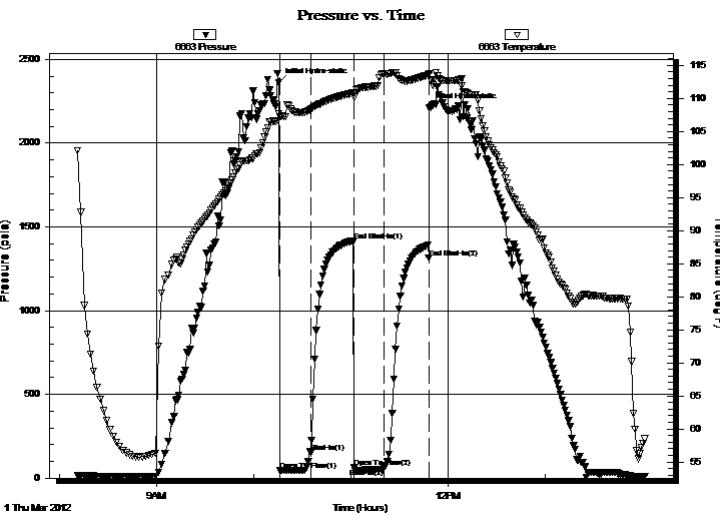
36-22s-22w-Hodgeman
Webster # 1-36
 Job Ticket: 17190 **DST#: 1**
 Test Start: 2012.03.01 @ 08:10:00

GENERAL INFORMATION:

Formation: **Mississippi**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 10:16:00
 Time Test Ended: 14:02:00
 Interval: **4546.00 ft (KB) To 4576.00 ft (KB) (TVD)**
 Total Depth: 4576.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Dustin Ellis
 Unit No: 3315-GB-280
 Reference Elevations: 2309.00 ft (KB)
 2301.00 ft (CF)
 KB to GR/CF: 8.00 ft

Serial #: 6663 Outside
 Press @ RunDepth: 60.73 psia @ 4573.00 ft (KB) Capacity: 5000.00 psia
 Start Date: 2012.03.01 End Date: 2012.03.01 Last Calib.: 2012.03.01
 Start Time: 08:10:00 End Time: 14:02:00 Time On Btm: 2012.03.01 @ 10:15:30
 Time Off Btm: 2012.03.01 @ 11:48:30

TEST COMMENT: 1st Open 15 minutes Weak blow 1 inch into the bucket
 1st Shut in 30 minutes No blow back.
 2nd Open 15 minutes Weak surface blow
 2nd Shut in 30 minutes No blow back.



PRESSURE SUMMARY

Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	2360.58	107.71	Initial Hydro-static
1	46.78	107.23	Open To Flow (1)
20	151.63	108.29	Shut-In(1)
46	1418.50	110.84	End Shut-In(1)
47	63.22	110.17	Open To Flow (2)
65	60.73	113.81	Shut-In(2)
93	1315.42	113.57	End Shut-In(2)
93	2210.98	113.75	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
19.00	Oil cut mud 95%Mud 5%Oil	0.27
1.00	Clean oil 100%	0.01

Gas Rates

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



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TOOL DIAGRAM

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DST#: 1

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Tool Information

Drill Pipe:	Length: 4525.00 ft	Diameter: 3.80 inches	Volume: 63.47 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: 65000.00 lb
			<u>Total Volume: 63.47 bbl</u>	Tool Chased 1.00 ft
Drill Pipe Above KB:	7.00 ft			String Weight: Initial 44000.00 lb
Depth to Top Packer:	4546.00 ft			Final 44000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	30.00 ft			
Tool Length:	58.00 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			4523.00	
Hydraulic Tool	5.00			4528.00	
Jars	6.00			4534.00	
Safety Joint	2.00			4536.00	
Packer	5.00			4541.00	28.00 Bottom Of Top Packer
Packer	5.00			4546.00	
Perforations	25.00			4571.00	
Recorder	1.00	6999	Inside	4572.00	
Recorder	1.00	6663	Outside	4573.00	
Bull Plug	3.00			4576.00	30.00 Bottom Packers & Anchor
Total Tool Length:	58.00				



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FLUID SUMMARY

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Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 10.00 lb/gal

Viscosity: 50.00 sec/qt

Water Loss: 8.80 in³

Resistivity: ohm.m

Salinity: 5900.00 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: ppm

deg API

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
19.00	Oil cut mud 95%Mud 5%Oil	0.267
1.00	Clean oil 100%	0.014

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:

