



DRILL STEM TEST REPORT

Prepared For: **F.G Holl**

9431 East Central Suite 100
Wichita Kansas 67206

ATTN: Frank Greenbaum

Lenkner 1-29

29-30s-13w-Barber

Start Date: 2012.01.05 @ 05:50:00

End Date: 2012.01.05 @ 13:25:30

Job Ticket #: 17250 DST #: 6

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

Printed: 2012.01.06 @ 01:41:45

F.G Holl
29-30s-13w-Barber
Lenkner 1-29
DST # 6
Mississippi
2012.01.05



DRILL STEM TEST REPORT

F.G Holl
 9431 East Central Suite 100
 Wichita Kansas 67206
 ATTN: Frank Greenbaum

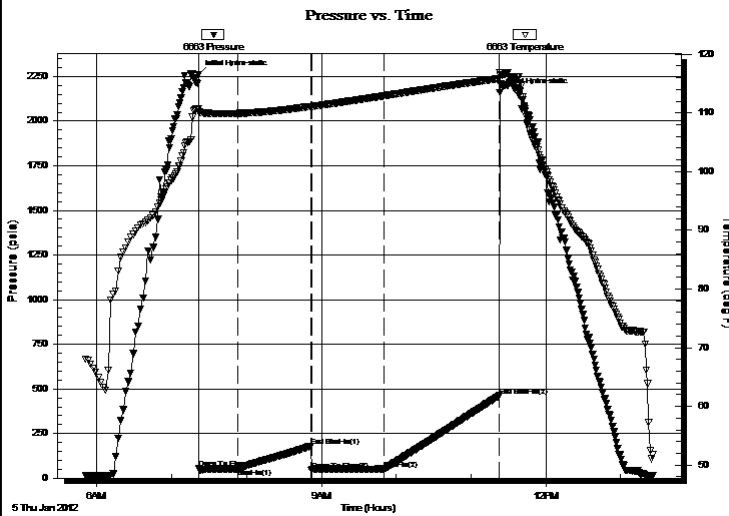
29-30s-13w-Barber
Lenkner 1-29
 Job Ticket: 17250 **DST#: 6**
 Test Start: 2012.01.05 @ 05:50:00

GENERAL INFORMATION:

Formation: **Mississippi**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 07:22:00
 Time Test Ended: 13:25:30
 Interval: **4472.00 ft (KB) To 4515.00 ft (KB) (TVD)**
 Total Depth: 4515.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Straddle (Initial)
 Tester: Dustin Ellis
 Unit No: 3315-GB-170
 Reference Elevations: 1921.00 ft (KB)
 1913.00 ft (CF)
 KB to GR/CF: 8.00 ft

Serial #: 6663 Outside
 Press @ RunDepth: 50.64 psia @ 4512.00 ft (KB) Capacity: 5000.00 psia
 Start Date: 2012.01.05 End Date: 2012.01.05 Last Calib.: 2012.01.06
 Start Time: 05:50:00 End Time: 13:25:30 Time On Btm: 2012.01.05 @ 07:21:30
 Time Off Btm: 2012.01.05 @ 11:23:00

TEST COMMENT: 1st Open 30 minutes Fair building blow built to 6.5 inches into bucket
 1st Shut in 60 minutes No blow back
 2nd Open 60 minutes Far building blow built to 4 inches then died off
 2nd Shut in 90 minutes No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	2261.79	110.76	Initial Hydro-static
1	52.56	110.21	Open To Flow (1)
32	52.73	109.93	Shut-In(1)
90	180.18	111.12	End Shut-In(1)
91	45.43	111.08	Open To Flow (2)
149	50.64	112.89	Shut-In(2)
241	461.23	115.84	End Shut-In(2)
242	2161.01	116.88	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	Mud 100%	0.14

Gas Rates

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



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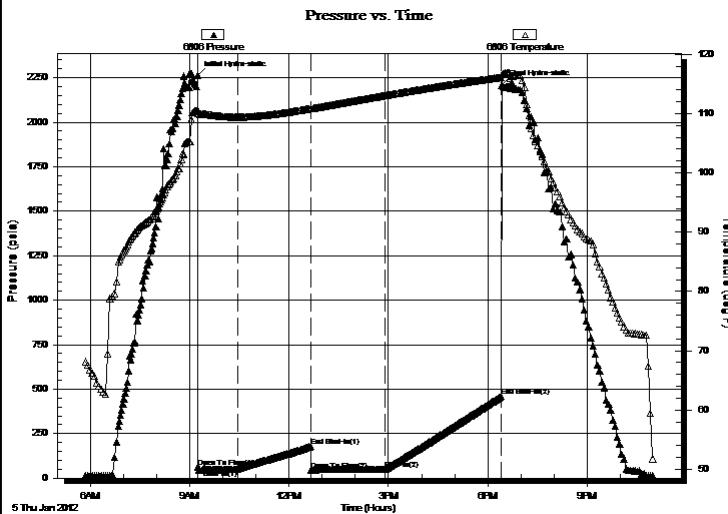
29-30s-13w-Barber
Lenkner 1-29
 Job Ticket: 17250 **DST#: 6**
 Test Start: 2012.01.05 @ 05:50:00

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 Total Depth: 4515.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Straddle (Initial)
 Tester: Dustin Ellis
 Unit No: 3315-GB-170
 Reference Elevations: 1921.00 ft (KB)
 1913.00 ft (CF)
 KB to GR/CF: 8.00 ft

Serial #: 6806 Inside
 Press @ RunDepth: 461.25 psia @ 4511.00 ft (KB) Capacity: 5000.00 psia
 Start Date: 2012.01.05 End Date: 2012.01.05 Last Calib.: 2012.01.06
 Start Time: 05:50:00 End Time: 23:01:00 Time On Btm: 2012.01.05 @ 09:14:00
 Time Off Btm: 2012.01.05 @ 18:25:30

TEST COMMENT: 1st Open 30 minutes Fair building blow built to 6.5 inches into bucket
 1st Shut in 60 minutes No blow back
 2nd Open 60 minutes Far building blow built to 4 inches then died off
 2nd Shut in 90 minutes No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	2263.84	110.57	Initial Hydro-static
1	63.09	110.00	Open To Flow (1)
72	51.06	109.41	Shut-In(1)
205	178.21	110.86	End Shut-In(1)
206	45.51	110.83	Open To Flow (2)
340	49.48	113.04	Shut-In(2)
551	461.25	116.13	End Shut-In(2)
552	2209.59	116.57	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	Mud 100%	0.14

Gas Rates

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



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TOOL DIAGRAM

F.G Holl
 9431 East Central Suite 100
 Wichita Kansas 67206
 ATTN: Frank Greenbaum

29-30s-13w-Barber
Lenkner 1-29
 Job Ticket: 17250 **DST#: 6**
 Test Start: 2012.01.05 @ 05:50:00

Tool Information

Drill Pipe:	Length: 4474.00 ft	Diameter: 3.80 inches	Volume: 62.76 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: 70000.00 lb
			<u>Total Volume: 62.76 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	30.00 ft			String Weight: Initial 69000.00 lb
Depth to Top Packer:	4472.00 ft			Final 69000.00 lb
Depth to Bottom Packer:	4515.00 ft			
Interval between Packers:	43.00 ft			
Tool Length:	71.00 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			4449.00	
Hydraulic Tool	5.00			4454.00	
Jars	6.00			4460.00	
Safety Joint	2.00			4462.00	
Packer	5.00			4467.00	28.00 Bottom Of Top Packer
Packer	5.00			4472.00	
Perforations	38.00			4510.00	
Recorder	1.00	6806	Inside	4511.00	
Recorder	1.00	6663	Outside	4512.00	
Bull Plug	3.00			4515.00	43.00 Bottom Packers & Anchor
Total Tool Length:	71.00				



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FLUID SUMMARY

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DST#: 6

ATTN: Frank Greenbaum

Test Start: 2012.01.05 @ 05:50:00

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 45.00 sec/qt
Water Loss: 10.00 in³
Resistivity: ohm.m
Salinity: 5000.00 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
10.00	Mud 100%	0.140

Total Length: 10.00 ft Total Volume: 0.140 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

