



DRILL STEM TEST REPORT

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

9431 E Central St # 100 Wichita KS 67206

ATTN: Ryan Greenbaum

Zimmer #1-20

20-19s-14w Barton

Start Date: 2014.07.13 @ 09:25:00

End Date: 2014.07.13 @ 12:15:00

Job Ticket #: 19310 DST #: 9

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

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Test Start: 2014.07.13 @ 09:25:00

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 10:45:00

Time Test Ended: 12:15:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Jared Scheck

Unit No: 3340-Great Bend -25

Interval: 3541.00 ft (KB) To 3553.00 ft (KB) (TVD)

Reference Elevations: 1901.00 ft (KB)

Total Depth: 3553.00 ft (KB) (TVD)

1893.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition:

KB to GR/CF: 8.00 ft

Serial #: 8400

Press@RunDepth: psig @ ft (KB)

Capacity: psig

Start Date: 2014.07.13

End Date:

2014.07.13

Last Calib.:

1899.12.30

Start Time: 09:25:00

End Time:

12:15:30

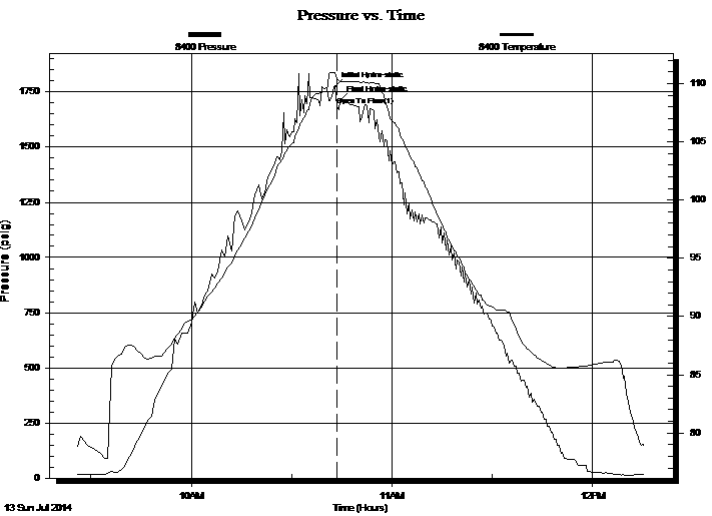
Time On Btm:

2014.07.13 @ 10:43:00

Time Off Btm:

2014.07.13 @ 10:44:30

TEST COMMENT: 1st Opening packer failed pulled tool



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1774.29	110.95	Initial Hydro-static
1	1687.47	110.45	Open To Flow (1)
2	1709.08	110.20	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
120.00	mud	1.68

Gas Rates

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



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TOOL DIAGRAM

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Tool Information

Drill Pipe:	Length: 3528.00 ft	Diameter: 3.80 inches	Volume: 49.49 bbl	Tool Weight: 1000.00 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: 60000.00 lb
			<u>Total Volume: 49.49 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	10.00 ft			String Weight: Initial 57000.00 lb
Depth to Top Packer:	3541.00 ft			Final 57000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	12.00 ft			
Tool Length:	35.00 ft			
Number of Packers:	1	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			3523.00	
Hydraulic tool	5.00			3528.00	
Jars	6.00			3534.00	
Safety Joint	2.00			3536.00	
Packer	5.00			3541.00	23.00 Bottom Of Top Packer
Recorder	1.00			3542.00	
Recorder	1.00			3543.00	
Anchor	7.00			3550.00	
Bullnose	3.00			3553.00	12.00 Anchor Tool
Total Tool Length:	35.00				



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FLUID SUMMARY

F.G Holl Company L.L.C

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Job Ticket: 19310

DST#: 9

ATTN: Ryan Greenbaum

Test Start: 2014.07.13 @ 09:25:00

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: 50.00 sec/qt

Cushion Volume:

bbf

Water Loss: 10.40 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 5300.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbf
120.00	mud	1.683

Total Length: 120.00 ft Total Volume: 1.683 bbf

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

