



DRILL STEM TEST REPORT

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

9431 E Central Ste 100 Witchita KS
67206+2563

ATTN: Rene Husted

Romine Trust #3-1

1-20s-15w Barton

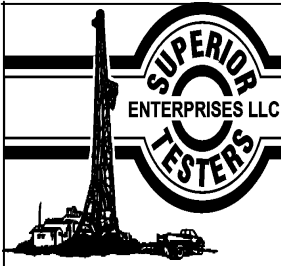
Start Date: 2014.03.21 @ 21:00:00

End Date: 2014.03.22 @ 02:22:00

Job Ticket #: 19277 DST #: 7

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

Printed: 2014.03.22 @ 03:42:00



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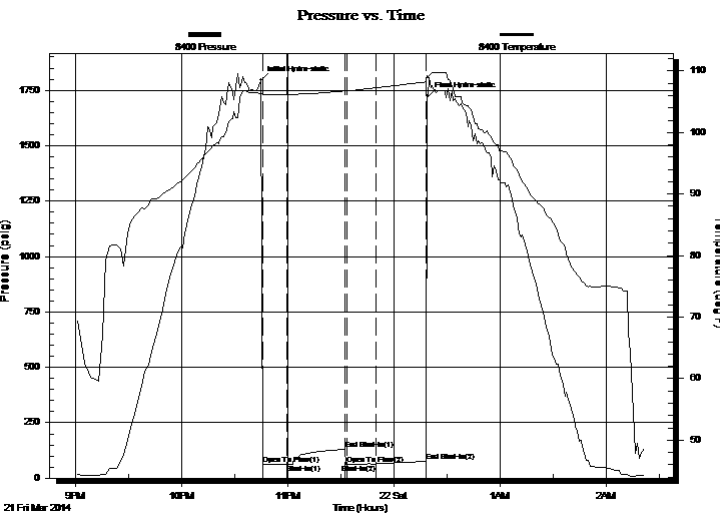
GENERAL INFORMATION:

Formation: **Congl**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 22:45:30
 Time Test Ended: 02:22:00
 Interval: **3542.00 ft (KB) To 3596.00 ft (KB) (TVD)**
 Total Depth: 3596.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Poor
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Jared Scheck
 Unit No: 3320 Great Bend -25
 Reference Elevations: 1964.00 ft (KB)
 1954.00 ft (CF)
 KB to GR/CF: 10.00 ft

Serial #: 8400

Press@RunDepth: 62.39 psig @ ft (KB) Capacity: 5000.00 psig
 Start Date: 2014.03.21 End Date: 2014.03.22 Last Calib.: 2014.03.22
 Start Time: 21:00:00 End Time: 02:22:00 Time On Btm: 2014.03.21 @ 22:44:30
 Time Off Btm: 2014.03.22 @ 00:19:00

TEST COMMENT: 1st Opening 15 Minutes-Weak blow built 1/2 inch into bucket in 15 minutes
 1st Shut-in 30 Minutes-No blow back
 2nd Opening 15 Minutes-Very weak surface blow did not build
 2nd Shut-in 30 Minutes-No blow back



PRESSURE SUMMARY

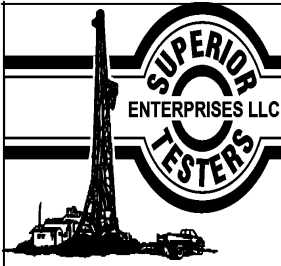
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1794.75	106.38	Initial Hydro-static
1	63.12	106.09	Open To Flow (1)
15	63.37	106.15	Shut-In(1)
48	131.29	106.76	End Shut-In(1)
49	64.08	106.76	Open To Flow (2)
65	62.39	107.26	Shut-In(2)
94	75.61	108.23	End Shut-In(2)
95	1722.04	108.85	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
3.00	mud	0.04

Gas Rates

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



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Romine Trust #3-1

ATTN: Rene Husted

Job Ticket: 19277

DST#: 7

Test Start: 2014.03.21 @ 21:00:00

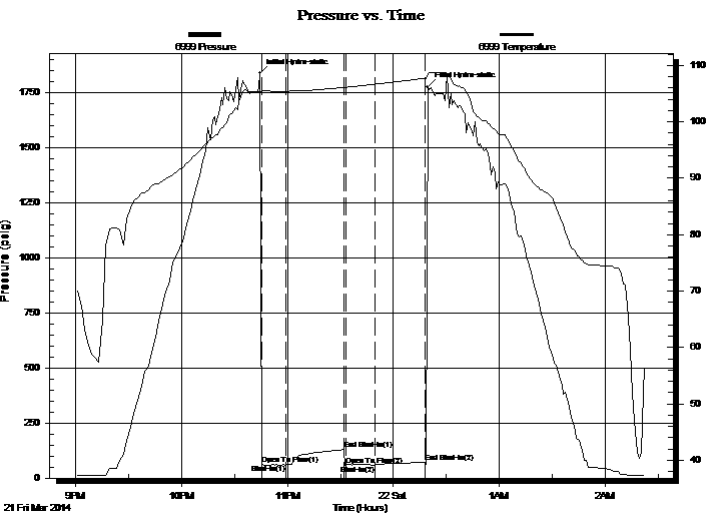
GENERAL INFORMATION:

Formation: Congl
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 22:45:30
Time Test Ended: 02:22:00
Interval: 3542.00 ft (KB) To 3596.00 ft (KB) (TVD)
Total Depth: 3596.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches **Hole Condition:** Poor
Test Type: Conventional Bottom Hole (Initial)
Tester: Jared Scheck
Unit No: 3320 Great Bend -25
Reference Elevations: 1964.00 ft (KB)
 1954.00 ft (CF)
KB to GR/CF: 10.00 ft

Serial #: 6999

Press@RunDepth: 72.59 psig @ ft (KB) **Capacity:** 5000.00 psig
Start Date: 2014.03.21 **End Date:** 2014.03.22 **Last Calib.:** 2014.03.22
Start Time: 21:00:00 **End Time:** 02:22:30 **Time On Btm:** 2014.03.21 @ 22:44:30
Time Off Btm: 2014.03.22 @ 00:19:30

TEST COMMENT: 1st Opening 15 Minutes-Weak blow built 1/2 inch into bucket in 15 minutes
 1st Shut-in 30 Minutes-No blow back
 2nd Opening 15 Minutes-Very weak surface blow did not build
 2nd Shut-in 30 Minutes-No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1838.84	105.26	Initial Hydro-static
1	61.50	105.48	Open To Flow (1)
15	60.47	105.45	Shut-In(1)
48	129.08	106.10	End Shut-In(1)
49	60.09	106.13	Open To Flow (2)
65	59.72	106.68	Shut-In(2)
94	72.59	107.73	End Shut-In(2)
95	1777.22	108.36	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
3.00	mud	0.04

Gas Rates

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



DRILL STEM TEST REPORT

TOOL DIAGRAM

F G Holl Company L.L.C

1-20s-15w Barton

9431 E Central Ste 100 Witchita KS 67206+2563

Romine Trust #3-1

Job Ticket: 19277

DST#: 7

ATTN: Rene Husted

Test Start: 2014.03.21 @ 21:00:00

Tool Information

Drill Pipe:	Length: 3535.00 ft	Diameter: 3.80 inches	Volume: 49.59 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: 70000.00 lb
			<u>Total Volume: 49.59 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	21.00 ft			String Weight: Initial 50000.00 lb
Depth to Top Packer:	3542.00 ft			Final 50000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	54.00 ft			
Tool Length:	82.00 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			3519.00	
Hydraulic tool	5.00			3524.00	
Jars	6.00			3530.00	
Safety Joint	2.00			3532.00	
Packer	5.00			3537.00	28.00 Bottom Of Top Packer
Packer	5.00			3542.00	
Change Over Sub	0.50			3542.50	
Drill Pipe	32.00			3574.50	
Change Over Sub	0.50			3575.00	
Recorder	1.00			3576.00	
Recorder	1.00			3577.00	
Anchor	16.00			3593.00	
Bullnose	3.00			3596.00	54.00 Bottom Packers & Anchor

Total Tool Length: 82.00



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FLUID SUMMARY

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Job Ticket: 19277

DST#: 7

ATTN: Rene Husted

Test Start: 2014.03.21 @ 21:00:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 10.00 lb/gal

Cushion Length: ft

Water Salinity: ppm

Viscosity: 68.00 sec/qt

Cushion Volume: bbl

Water Loss: 8.00 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure: psig

Salinity: 6700.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
3.00	mud	0.042

Total Length: 3.00 ft Total Volume: 0.042 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time

