



DRILL STEM TEST REPORT

Prepared For: **FG Holl Company LLC**

9431 East Central
Suite 100
Wichita, Kansas 67206+2563

ATTN: Rene Husted

Long/Bahr Unit #1-26

26/17S/15W

Start Date: 2012.10.03 @ 21:01:00

End Date: 2012.10.04 @ 03:43:30

Job Ticket #: 17842 DST #: 3

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

Printed: 2012.10.04 @ 03:56:14



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Job Ticket: 17842 **DST#: 3**
 Test Start: 2012.10.03 @ 21:01:00

GENERAL INFORMATION:

Formation: **Lansing/Kansas City**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 22:50:30
 Time Test Ended: 03:43:30
 Interval: **3489.00 ft (KB) To 3510.00 ft (KB) (TVD)**
 Total Depth: 3510.00 ft (KB) (TVD)
 Hole Diameter: 7.80 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Ken Swinney
 Unit No: 3325 Great Bend/42
 Reference Elevations: 2019.00 ft (KB)
 2008.00 ft (CF)
 KB to GR/CF: 11.00 ft

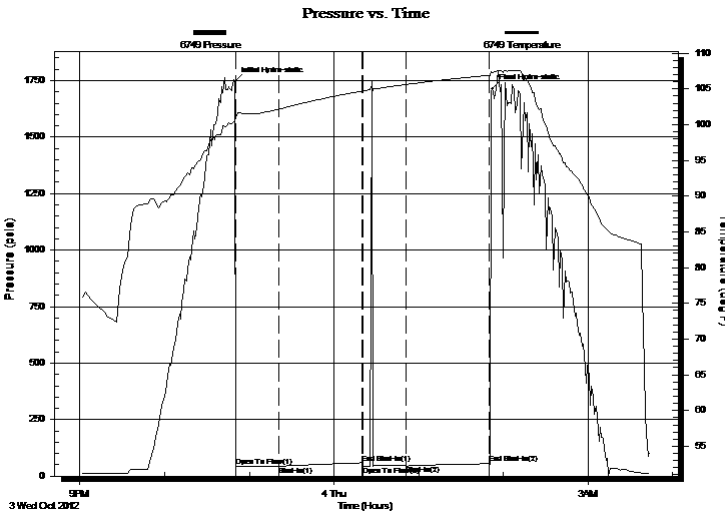
Serial #: 6749

Inside

Press @ Run Depth: 46.73 psia @ 3506.00 ft (KB) Capacity: 5000.00 psia
 Start Date: 2012.10.03 End Date: 2012.10.04 Last Calib.: 2012.10.04
 Start Time: 21:01:00 End Time: 03:43:30 Time On Btm: 2012.10.03 @ 22:49:30
 Time Off Btm: 2012.10.04 @ 01:52:00

TEST COMMENT: 1ST Open 30 Minutes/Weak blow /Blow built to 1 1/2 inches then died to 1 inch
 1ST Shut In 60 Minutes/No blow back
 2ND Open 30 Minutes/Dead no blow /Flush tool/Didnt help
 2ND Shut In 60 Minutes/No blow back

PRESSURE SUMMARY



Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1747.20	100.44	Initial Hydro-static
2	44.13	100.92	Open To Flow (1)
31	45.30	102.16	Shut-In(1)
91	59.07	104.71	End Shut-In(1)
91	45.52	104.72	Open To Flow (2)
122	46.73	105.63	Shut-In(2)
181	54.71	106.92	End Shut-In(2)
183	1712.05	107.31	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
15.00	Mud 100%	0.21

Gas Rates

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



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Formation: **Lansing/Kansas City**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 22:50:30

Time Test Ended: 03:43:30

Test Type: Conventional Bottom Hole (Initial)

Tester: Ken Swinney

Unit No: 3325 Great Bend/42

Interval: **3489.00 ft (KB) To 3510.00 ft (KB) (TVD)**

Reference Elevations: 2019.00 ft (KB)

Total Depth: 3510.00 ft (KB) (TVD)

2008.00 ft (CF)

Hole Diameter: 7.80 inches Hole Condition: Fair

KB to GR/CF: 11.00 ft

Serial #: 6999 Outside

Press @ Run Depth: 57.06 psia @ 3507.00 ft (KB)

Capacity: 5000.00 psia

Start Date: 2012.10.03

End Date: 2012.10.04

Last Calib.: 2012.10.04

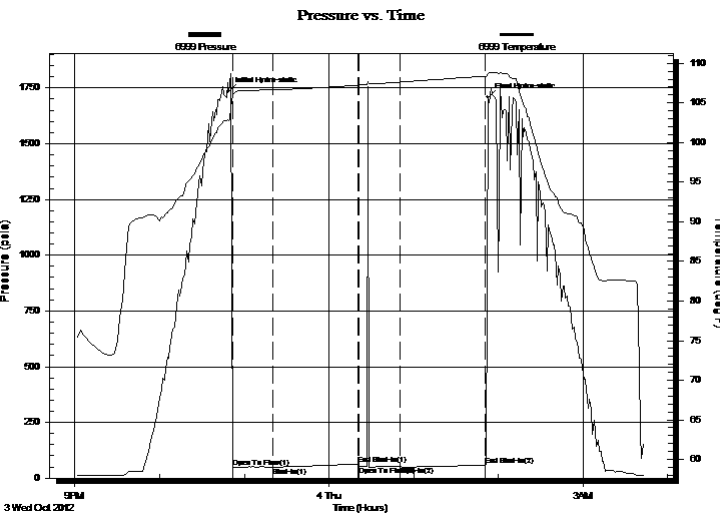
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PRESSURE SUMMARY

Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1733.54	102.81	Initial Hydro-static
3	48.80	105.87	Open To Flow (1)
31	50.03	106.65	Shut-In(1)
92	62.73	107.25	End Shut-In(1)
93	51.45	107.26	Open To Flow (2)
121	51.59	107.63	Shut-In(2)
182	57.06	108.36	End Shut-In(2)
184	1708.73	108.75	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
15.00	Mud 100%	0.21

Gas Rates

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



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TOOL DIAGRAM

FG Holl Company LLC

26/17S/15W

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Long/Bahr Unit #1-26

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Test Start: 2012.10.03 @ 21:01:00

Tool Information

Drill Pipe:	Length: 3472.00 ft	Diameter: 3.80 inches	Volume: 48.70 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: 110000.0 lb
			<u>Total Volume: 48.70 bbl</u>	Tool Chased 1.00 ft
Drill Pipe Above KB:	10.00 ft			String Weight: Initial 50000.00 lb
Depth to Top Packer:	3489.00 ft			Final 50000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	21.00 ft			
Tool Length:	48.00 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			3467.00	
Hydraulic Tool	5.00			3472.00	
Jars	5.00			3477.00	
Safety Joint	2.00			3479.00	
Packer	5.00			3484.00	27.00 Bottom Of Top Packer
Packer	5.00			3489.00	
Anchor	16.00			3505.00	
Recorder	1.00	6749	Inside	3506.00	
Recorder	1.00	6999	Outside	3507.00	
Bullnose	3.00			3510.00	21.00 Bottom Packers & Anchor
Total Tool Length:	48.00				



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FLUID SUMMARY

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DST#: 3

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Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 63.00 sec/qt
Water Loss: 8.80 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
15.00	Mud 100%	0.210

Total Length: 15.00 ft Total Volume: 0.210 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments:

Pressure vs. Time

