



DRILL STEM TEST REPORT

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

9431 East Central Suite 100
Wichita, Kansas 67206-2563

ATTN: Rene Husted

25-22s-15w

Blackwell-Peterson Unit #1-25

Start Date: 2011.05.17 @ 09:15:00

End Date: 2011.05.17 @ 00:00:00

Job Ticket #: 16580 DST #: 5

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

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Test Start: 2011.05.17 @ 09:15:00

GENERAL INFORMATION:

Formation: **Kansas City "K"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 00:00:00

Time Test Ended: 00:00:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Gene Budig

Unit No: 3325

Interval: 3746.00 ft (KB) To 3780.00 ft (KB) (TVD)

Reference Elevations: 1996.00 ft (KB)

Total Depth: 3780.00 ft (KB) (TVD)

1988.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

Serial #: 26180 Inside

Press @ RunDepth: 1118.26 psia @ 3776.00 ft (KB)

Capacity: 5000.00 psia

Start Date: 2011.05.18 End Date: 2011.05.18

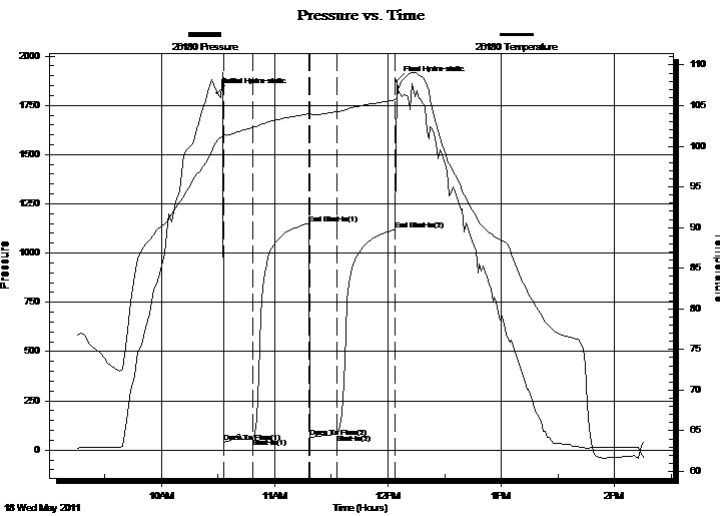
Last Calib.: 2011.05.18

Start Time: 09:15:30 End Time: 14:16:00

Time On Btm: 2011.05.18 @ 10:29:30

Time Off Btm: 2011.05.18 @ 12:04:30

TEST COMMENT: 1st Opening 15 Minutes-Weak blow for 11 minutes and died
1st Shut-In 30 Minutes-No blow back
2nd Opening 15 Minutes-No blow
2nd Shut-In 30 Minutes-No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1813.68	100.77	Initial Hydro-static
4	41.19	101.37	Open To Flow (1)
19	59.73	102.34	Shut-In(1)
49	1149.95	103.98	End Shut-In(1)
49	64.14	104.00	Open To Flow (2)
64	80.28	104.27	Shut-In(2)
94	1118.26	105.69	End Shut-In(2)
95	1873.72	105.87	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
40.00	slightly oil cut mud 5%Oil 95%Mud	5610.95
40.00	very slightly oil cut mud 1%Oil 99%Mud	5610.95

Gas Rates

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



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TOOL DIAGRAM

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Test Start: 2011.05.17 @ 09:15:00

Tool Information

Drill Pipe:	Length: 3742.00 ft	Diameter: 380.00 inches	Volume: 524904.2 bbl	Tool Weight:	2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 286.00 inches	Volume: 0.00 bbl	Weight set on Packer:	20000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose:	70000.00 lb
			<u>Total Volume: 524904.2 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	25.00 ft			String Weight: Initial	58000.00 lb
Depth to Top Packer:	3746.00 ft			Final	58000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	34.00 ft				
Tool Length:	63.00 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			3722.00	
Hydraulic Tool	5.00			3727.00	
Jars	7.00			3734.00	
Safety Joint	2.00		Fluid	3736.00	
Packer	5.00			3741.00	29.00 Bottom Of Top Packer
Packer	5.00			3746.00	
Anchor	29.00			3775.00	
Recorder	1.00	91716	Inside	3776.00	
Recorder	1.00	93335	Outside	3777.00	
Bull Plug	3.00			3780.00	34.00 Bottom Packers & Anchor
Total Tool Length:	63.00				



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FLUID SUMMARY

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Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 47.00 sec/qt

Water Loss: 13.96 in³

Resistivity: ohm.m

Salinity: 7200.00 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
40.00	slightly oil cut mud 5%Oil 95%Mud	5610.949
40.00	very slightly oil cut mud 1%Oil 99%Mud	5610.949

Total Length: 80.00 ft Total Volume: 11221.898 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time

