



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: 2011.05.19 @ 04:14:00

End Date: 2011.05.19 @ 00:00:00

Job Ticket #: 16582 DST #: 7

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

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Job Ticket: 16582

DST#: 7

ATTN: Rene Husted

Test Start: 2011.05.19 @ 04:14:00

GENERAL INFORMATION:

Formation: **Arbuckle**

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: 3964.00 ft (KB) To 4014.00 ft (KB) (TVD)

Reference Elevations: 1996.00 ft (KB)

Total Depth: 4014.00 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 @ Run Depth: 415.79 psia @ 4011.93 ft (KB)

Capacity: 5000.00 psia

Start Date: 2011.05.19 End Date: 2011.05.19

Last Calib.: 2011.05.19

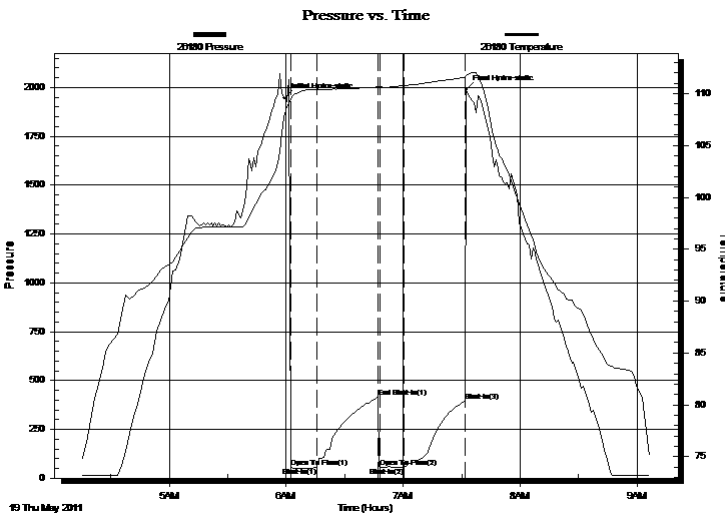
Start Time: 04:15:30 End Time: 09:07:00

Time On Btm: 2011.05.19 @ 05:59:00

Time Off Btm: 2011.05.19 @ 07:32:30

TEST COMMENT: 1st Opening 15 Minutes-Weak blow for 4 minutes and died
1st Shut-In 30 Minutes-No blow back
2nd Oprning 15 Minutes-No blow
2nd Shut-In 30 Minutes-No blow back

PRESSURE SUMMARY



Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1946.54	108.06	Initial Hydro-static
4	54.33	109.54	Open To Flow (1)
17	53.11	110.40	Shut-In(1)
48	415.79	110.65	End Shut-In(1)
49	54.19	110.64	Open To Flow (2)
62	54.05	110.76	Shut-In(2)
93	393.18	111.55	Shut-In(3)
94	1987.24	111.69	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	slightly oil cut mud 2%Oil 98%mud	0.14

Gas Rates

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



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Test Type: Conventional Bottom Hole (Initial)

Tester: Gene Budig

Unit No: 3325

Interval: 3964.00 ft (KB) To 4014.00 ft (KB) (TVD)

Reference Elevations: 1996.00 ft (KB)

Total Depth: 4014.00 ft (KB) (TVD)

1988.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

Serial #: 8419 Outside

Press @ RunDepth: 393.06 psia @ 4012.93 ft (KB)

Capacity: 5000.00 psia

Start Date: 2011.05.19 End Date: 2011.05.19

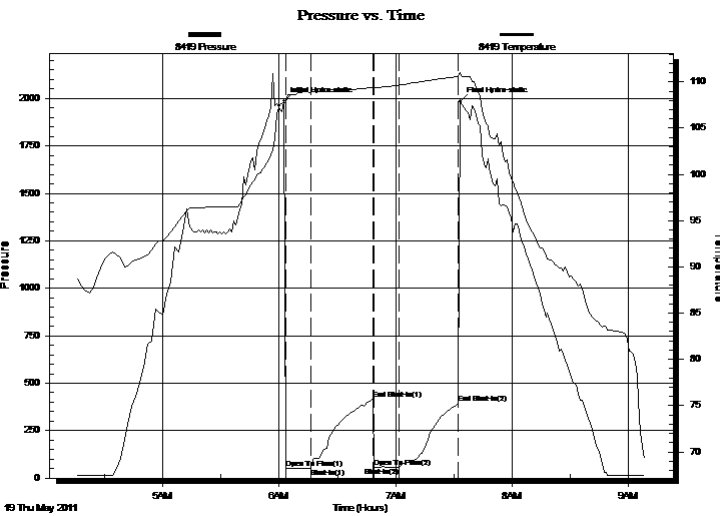
Last Calib.: 2011.05.19

Start Time: 04:16:00 End Time: 09:09:00

Time On Btm: 2011.05.19 @ 06:02:30

Time Off Btm: 2011.05.19 @ 07:33:30

TEST COMMENT: 1st Opening 15 Minutes-Weak blow for 4 minutes and died
1st Shut-In 30 Minutes-No blow back
2nd Oprning 15 Minutes-No blow
2nd Shut-In 30 Minutes-No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1985.50	107.72	Initial Hydro-static
1	49.37	107.81	Open To Flow (1)
14	54.22	108.89	Shut-In(1)
46	417.47	109.42	End Shut-In(1)
47	54.53	109.36	Open To Flow (2)
60	54.47	109.67	Shut-In(2)
90	393.06	110.60	End Shut-In(2)
91	1983.09	111.03	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	slightly oil cut mud 2%Oil 98%mud	0.14

Gas Rates

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



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TOOL DIAGRAM

F.G.Holl Company L.L.C.

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25-22s-15w

Job Ticket: 16582

DST#: 7

ATTN: Rene Husted

Test Start: 2011.05.19 @ 04:14:00

Tool Information

Drill Pipe:	Length: 3964.00 ft	Diameter: 3.80 inches	Volume: 55.60 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.86 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: 85000.00 lb
			<u>Total Volume: 55.60 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	29.00 ft			String Weight: Initial 64000.00 lb
Depth to Top Packer:	3964.00 ft			Final 64000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	49.93 ft			
Tool Length:	78.93 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			3940.00	
Hydraulic Tool	5.00			3945.00	
Jars	7.00			3952.00	
Safety Joint	2.00		Fluid	3954.00	
Packer	5.00			3959.00	29.00 Bottom Of Top Packer
Packer	5.00			3964.00	
Anchor	5.00			3969.00	
Change Over Sub	0.75		Inside	3969.75	
Drill Pipe	31.43			4001.18	
Change Over Sub	0.75			4001.93	
Anchor	9.00			4010.93	
Recorder	1.00	91716	Inside	4011.93	
Recorder	1.00	8419	Outside	4012.93	
Bull Plug	1.00			4013.93	49.93 Bottom Packers & Anchor

Total Tool Length: 78.93



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FLUID SUMMARY

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Test Start: 2011.05.19 @ 04:14:00

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 56.00 sec/qt
Water Loss: 10.18 in³
Resistivity: ohm.m
Salinity: 9500.00 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	slightly oil cut mud 2%Oil 98%mud	0.140

Total Length: 10.00 ft Total Volume: 0.140 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

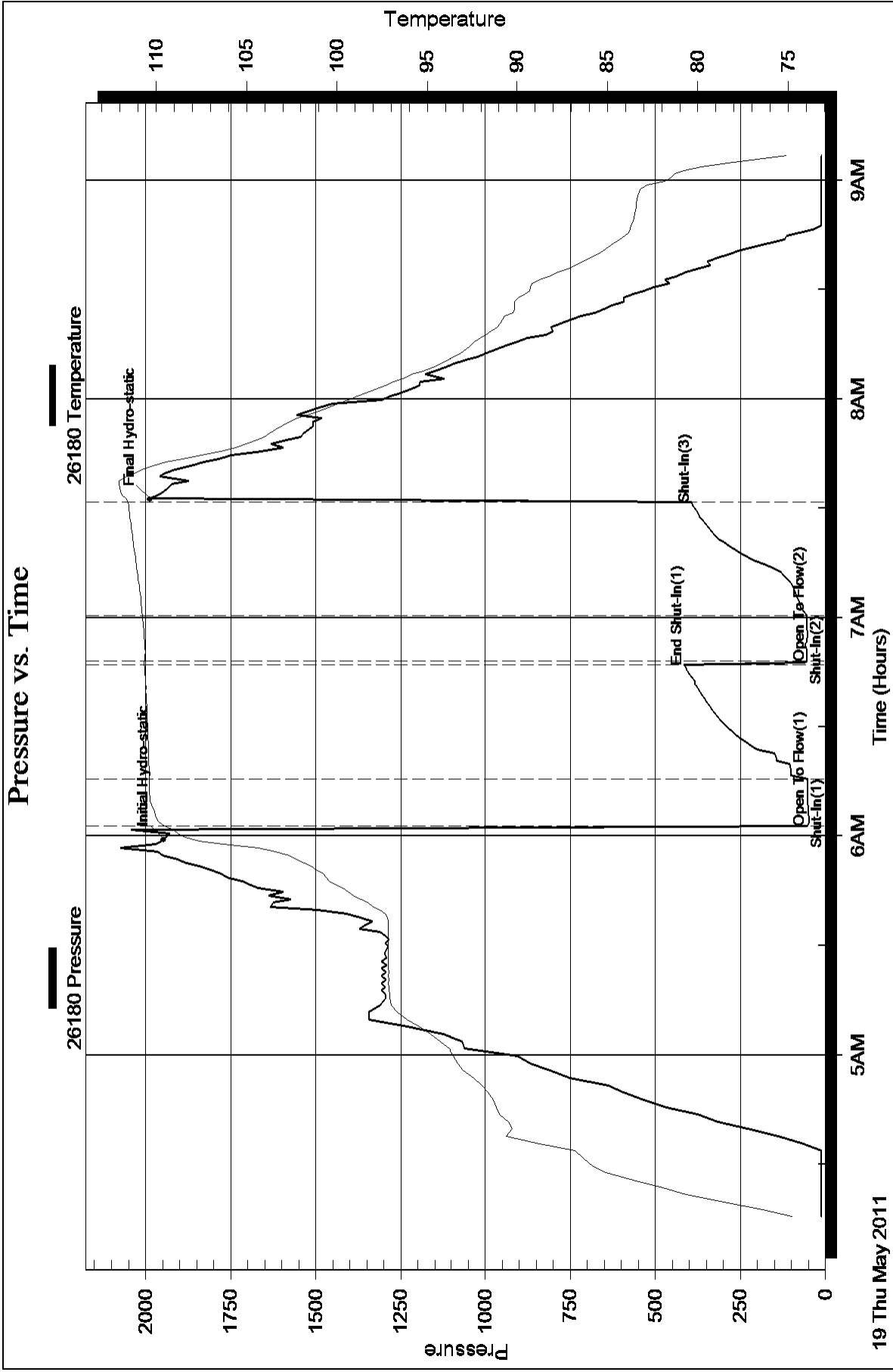
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time



Pressure vs. Time

