



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Charles N Griffin**

PO Box 347
Pratt KS 67124

ATTN: Charles N Griffin/Br

Ash B #3

33-32s-12w Barber,KS

Start Date: 2012.03.03 @ 04:47:31

End Date: 2012.03.03 @ 13:48:01

Job Ticket #: 47465 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620

Printed: 2012.03.09 @ 13:25:06

Charles N Griffin

33-32s-12w Barber,KS

Ash B #3

DST # 1

Simpson

2012.03.03



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Charles N Griffin

33-32s-12w Barber, KS

PO Box 347
Pratt KS 67124

Ash B #3

ATTN: Charles N Griffin/Br

Job Ticket: 47465

DST#: 1

Test Start: 2012.03.03 @ 04:47:31

GENERAL INFORMATION:

Formation: **Simpson**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 09:14:46

Time Test Ended: 13:48:01

Test Type: Conventional Bottom Hole (Initial)

Tester: Chris Staats

Unit No: 47

Interval: **4860.00 ft (KB) To 4900.00 ft (KB) (TVD)**

Total Depth: 4900.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 1623.00 ft (KB)

1615.00 ft (CF)

KB to GR/CF: 8.00 ft

Serial #: 6773 Outside

Press@RunDepth: 96.00 psig @ 4860.00 ft (KB)

Start Date: 2012.03.03

End Date: 2012.03.03

Capacity: 8000.00 psig

Last Calib.: 2012.03.03

Start Time: 04:47:36

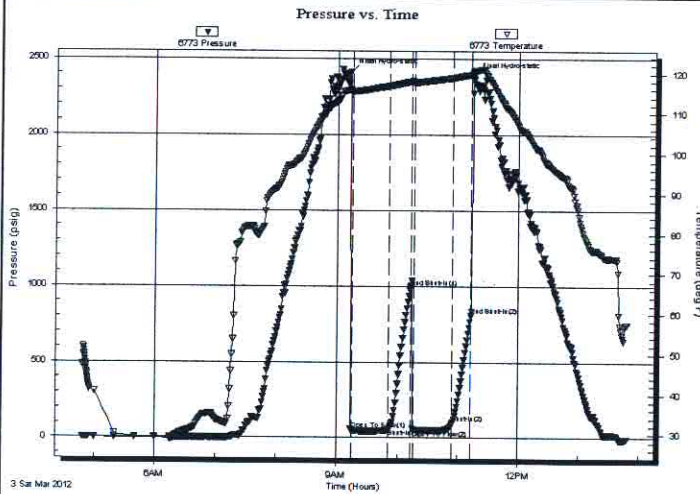
End Time: 13:48:01

Time On Btm: 2012.03.03 @ 09:12:46

Time Off Btm: 2012.03.03 @ 11:15:16

TEST COMMENT: IF: Weak blow 1"
ISI: No blow back
FF: Weak surface blow
FSI: No blow back

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2410.41	115.97	Initial Hydro-static
2	51.07	115.51	Open To Flow (1)
39	59.32	116.97	Shut-In(1)
60	992.88	118.09	End Shut-In(1)
63	54.99	117.82	Open To Flow (2)
102	96.00	118.98	Shut-In(2)
121	805.91	119.84	End Shut-In(2)
123	2386.70	120.61	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	MUD w ith oil spots	0.05

Gas Rates

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



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DRILL STEM TEST REPORT

TOOL DIAGRAM

Charles N Griffin

33-32s-12w Barber,KS

PO Box 347
Pratt KS 67124

Ash B #3

Job Ticket: 47465

DST#: 1

ATTN: Charles N Griffin/Br

Test Start: 2012.03.03 @ 04:47:31

Tool Information

Drill Pipe:	Length: 4550.00 ft	Diameter: 3.80 inches	Volume: 63.82 bbl	Tool Weight: 2200.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 310.00 ft	Diameter: 2.25 inches	Volume: 1.52 bbl	Weight to Pull Loose: 78000.00 lb
			Total Volume: 65.34 bbl	Tool Chased 2.00 ft
Drill Pipe Above KB:	28.00 ft			String Weight: Initial 68000.00 lb
Depth to Top Packer:	4860.00 ft			Final 68000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	40.00 ft			
Tool Length:	68.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		
Tool Comments:				

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			4837.00	
Hydraulic tool	5.00			4842.00	
Jars	5.00			4847.00	
Safety Joint	3.00			4850.00	
Packer	5.00			4855.00	28.00 Bottom Of Top Packer
Packer	5.00			4860.00	
Recorder	0.00	6773	Outside	4860.00	
Recorder	0.00	6755	Outside	4860.00	
Stubb	1.00			4861.00	
Perforations	4.00			4865.00	
Change Over Sub	0.50			4865.50	
Drill Pipe	31.00			4896.50	
Change Over Sub	0.50			4897.00	
Bullnose	3.00			4900.00	40.00 Bottom Packers & Anchor
Total Tool Length:	68.00				



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DRILL STEM TEST REPORT

FLUID SUMMARY

Charles N Griffin

33-32s-12w Barber,KS

PO Box 347
Pratt KS 67124

Ash B #3

Job Ticket: 47465

DST#: 1

ATTN: Charles N Griffin/Br

Test Start: 2012.03.03 @ 04:47:31

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: 47.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.99 in ³	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 5000.00 ppm			
Filter Cake: 0.02 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	MUD with oil spots	0.049

Total Length: 10.00 ft Total Volume: 0.049 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

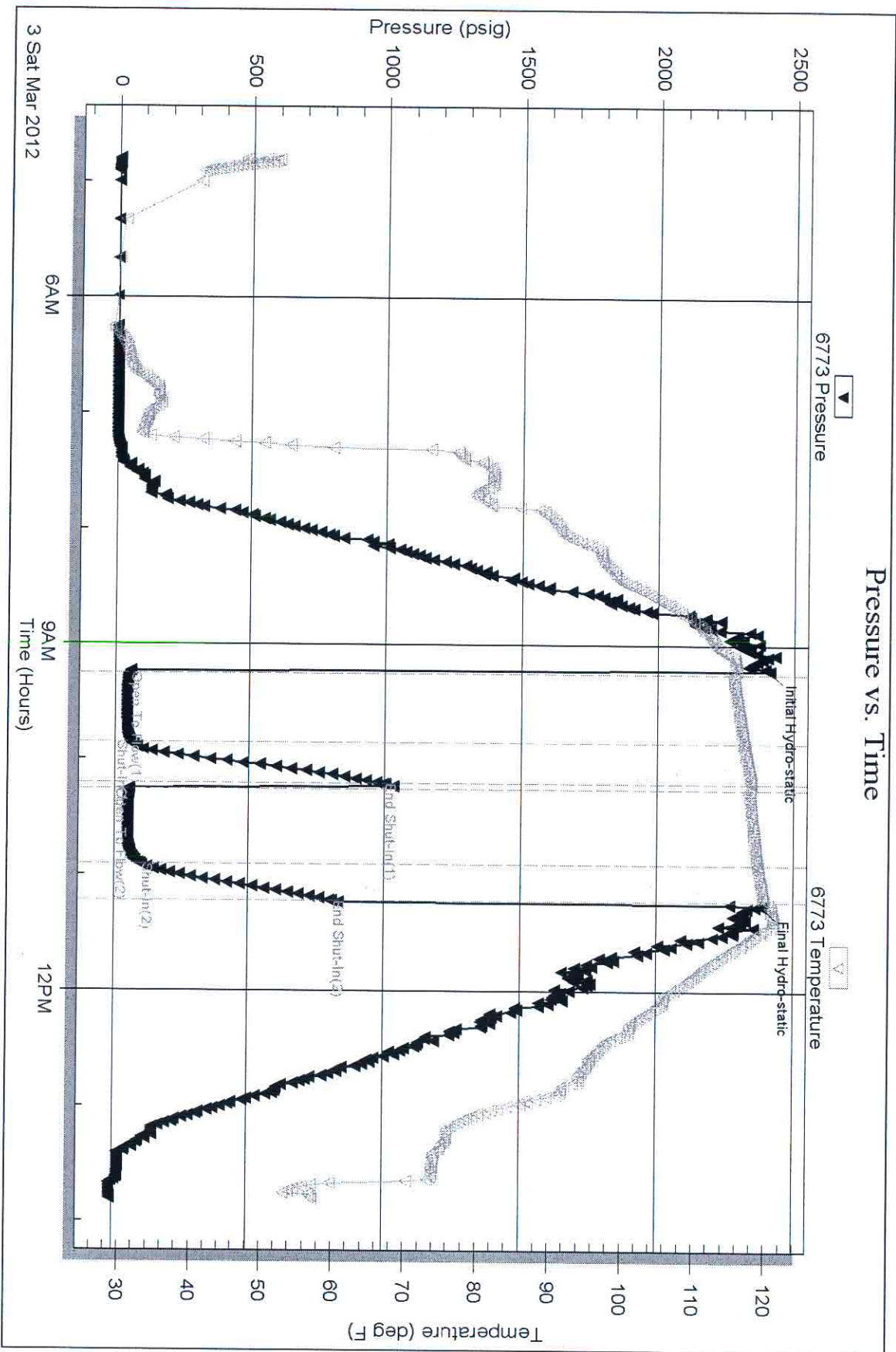
Recovery Comments:

Serial #: 6773

Outside Charles N Griffin

Asn B#3

DST Test Number: 1



Tribble Testing, Inc

Ref. No: 47465

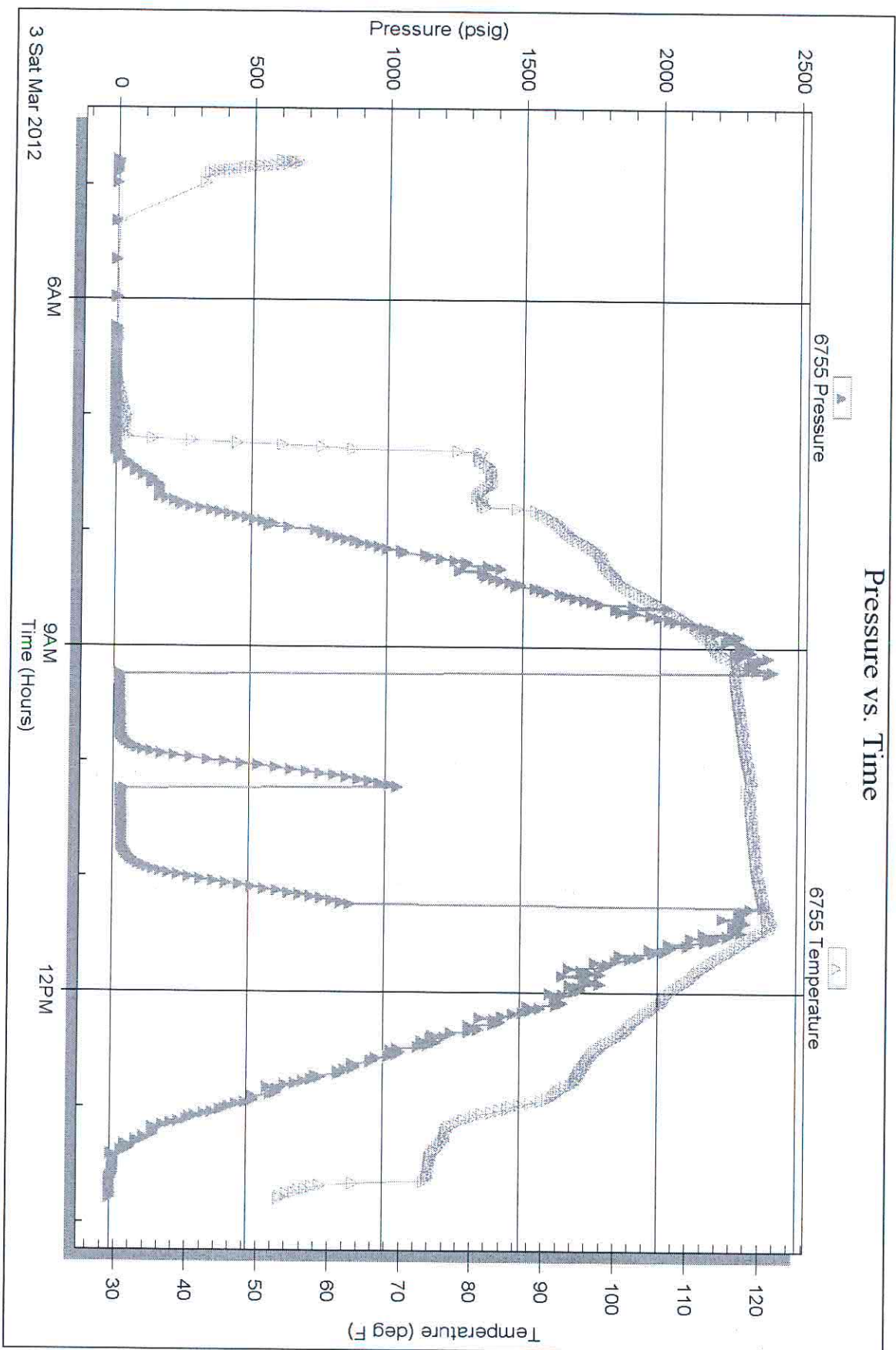
Printed: 2012.03.09 @ 13:25:08

Serial #: 6755

Outside Charles N Griffin

Asn B#3

DST Test Number: 1



Tribble Testing, Inc

Ref. No: 47465

Printed: 2012.03.09 @ 13:25:09



TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

RECEIVED
MAR 06 2012

Test Ticket

NO. 47465

Well Name & No. Ash B#3 BY: _____ Test No. 1 Date 3-3-12
 Company Charles N. Griffin Elevation 1623 KB 1615 GL _____
 Address PO Box 347 Pratt KS 67124
 Co. Rep / Geo. Charles N. Griffin / Bruce Reed Rig H2 Rig 3
 Location: Sec. 33 Twp. 32 Rge. 12 W Co. Barber State KS

Interval Tested 4860 - 4900 Zone Tested Simpson
 Anchor Length 40 Drill Pipe Run 4550 Mud Wt. 9.3
 Top Packer Depth 485.5 Drill Collars Run 310 Vis 47
 Bottom Packer Depth 4860 Wt. Pipe Run 0 WL 8.0
 Total Depth 4900 Chlorides 5000 ppm System LCM 5#

Blow Description IF: wear blow 1"
ISI: NO blow back
FF: wear surface blow
FST: NO blow back

Rec	Feet of	%gas	%oil	%water	%mud
<u>10'</u>	<u>MOD with oil spots</u>				
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 10' BHT 120 Gravity _____ API RW _____ @ _____ °F Chlorides 5000 ppm
 (A) Initial Hydrostatic 2410 Test 1225" T-On Location 4:30
 (B) First Initial Flow 51 Jars 250 T-Started 4:47
 (C) First Final Flow 59 Safety Joint 75" T-Open 9:14
 (D) Initial Shut-In 992 Circ Sub _____ T-Pulled 11:20
 (E) Second Initial Flow 54 Hourly Standby _____ T-Out 13:50
 (F) Second Final Flow 96 Mileage 90 miles 12e Comments _____
 (G) Final Shut-In 805 Sampler _____
 (H) Final Hydrostatic 2386 Straddle _____
 Ruined Shale Packer _____
 Ruined Packer _____
 Extra Copies _____

Initial Open 30
 Initial Shut-In 30
 Final Flow 30
 Final Shut-In 30

Approved By Bruce A. Reed Our Representative Chris S...
 Sub Total 11076"

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