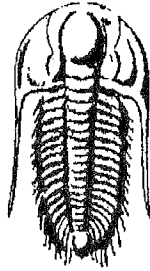


15-185-23231

33-21s -12w



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **American Warrior Inc**

P O Box 399
Garden City Ks 67846-0399

ATTN: Cecil O'Brate

33-21s-12w Stafford

Alpers #1-33

Start Date: 2004.05.08 @ 22:26:48

End Date: 2004.05.09 @ 06:05:47

Job Ticket #: 19304

DST #: 1

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Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

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JUN 29 2004

CONFIDENT

American Warrior Inc

Alpers #1-33

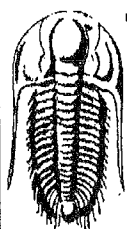
33-21s-12w Stafford

DST # 1

LKC

2004.05.08

W 51-215-88



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

American Warrior Inc
P O Box 399
Garden City Ks 67846-0399
ATTN: Cecil O'Brate

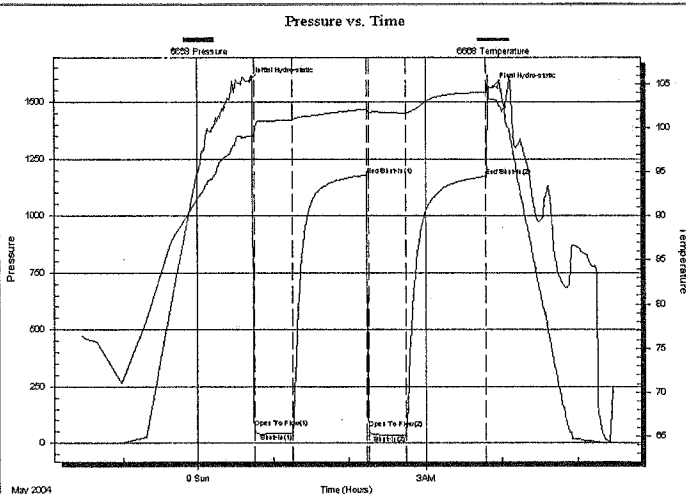
Alpers #1-33
33-21s-12w Stafford
Job Ticket: 19304 **DST#: 1**
Test Start: 2004.05.08 @ 22:26:48

GENERAL INFORMATION:

Formation: **LKC**
Deviated: **No** Whipstock: **ft (KB)**
Time Tool Opened: 00:45:17
Time Test Ended: 06:05:47
Test Type: **Conventional Bottom Hole**
Tester: **Ray Schwager**
Unit No: **28**
Interval: **3332.00 ft (KB) To 3408.00 ft (KB) (TVD)**
Total Depth: **3408.00 ft (KB) (TVD)**
Hole Diameter: **7.85 inches** Hole Condition: **Fair**
Reference Elevations: **1886.00 ft (KB)**
1878.00 ft (CF)
KB to GR/CF: **8.00 ft**

Serial #: 6668 **Inside**
Press@RunDepth: **34.88 psig @ 3342.01 ft (KB)**
Start Date: **2004.05.08** End Date: **2004.05.09**
Start Time: **22:26:48** End Time: **05:28:47**
Capacity: **7000.00 psig**
Last Calib.: **2004.05.09**
Time On Btm: **2004.05.09 @ 00:41:47**
Time Off Btm: **2004.05.09 @ 03:53:17**

TEST COMMENT: IFP-strg bl GTS in 5 min to weak to gauge
FFP-GTS
Times 30-60-30-60
no bl on shut-in



PRESSURE SUMMARY

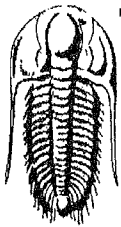
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1592.03	99.03	Initial Hydro-static
4	68.24	99.41	Open To Flow (1)
34	43.32	100.91	Shut-In (1)
93	1178.45	102.14	End Shut-In (1)
94	64.53	101.80	Open To Flow (2)
123	34.88	101.66	Shut-In (2)
186	1172.43	104.06	End Shut-In (2)
192	1566.22	103.23	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
45.00	SGCM 4% gas 96% mud	0.63

Gas Rates

	Choke (Inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.50	7.00	144.36
Last Gas Rate	0.25	2.00	26.02
Max. Gas Rate	0.50	7.00	144.36



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

American Warrior Inc

Alpers #1-33

P O Box 399
Garden City Ks 67846-0399

33-21s-12w Stafford

Job Ticket: 19304

DST#: 1

ATTN: Cecil O'Brate

Test Start: 2004.05.08 @ 22:26:48

Tool Information

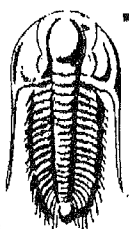
Drill Pipe:	Length: 3316.00 ft	Diameter: 3.80 inches	Volume: 46.51 bbl	Tool Weight: 2200.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 90000.00 lb
			Total Volume: 46.51 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	5.00 ft			String Weight: Initial 52000.00 lb
Depth to Top Packer:	3332.00 ft			Final 52000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	76.02 ft			
Tool Length:	97.02 ft			
Number of Packers:	2	Diameter: 6.75 inches		
Tool Comments:				

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
------------------	-------------	------------	----------	------------	----------------

Change Over Sub	1.00			3312.00	
Shut In Tool	5.00			3317.00	
Hydraulic tool	5.00			3322.00	
Packer	5.00			3327.00	21.00 Bottom Of Top Packer
Packer	5.00			3332.00	
Stubb	1.00			3333.00	
Perforations	8.00			3341.00	
Change Over Sub	1.00			3342.00	
Recorder	0.01	6668	Inside	3342.01	
Blank Spacing	62.00			3404.01	
Change Over Sub	1.00			3405.01	
Recorder	0.01	11085	Outside	3405.02	
Bullnose	3.00			3408.02	76.02 Bottom Packers & Anchor

Total Tool Length: 97.02

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TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior Inc
P O Box 399
Garden City Ks 67846-0399

ATTN: Cecil O'Brate

Alpers #1-33

33-21s-12w Stafford

Job Ticket: 19304

DST#: 1

Test Start: 2004.05.08 @ 22:26:48

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 50.00 sec/qt
Water Loss: 8.73 in³
Resistivity: ohm.m
Salinity: 5000.00 ppm
Filter Cake: 2.00 inches

Cushion Type:
Cushion Length: ft
Cushion Volume: bbl
Gas Cushion Type:
Gas Cushion Pressure: psig

Oil API: deg API
Water Salinity: ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
45.00	SGCM 4% gas 96% mud	0.631

Total Length: 45.00 ft Total Volume: 0.631 bbl

Num Fluid Samples: 0

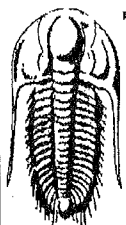
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

GAS RATES

American Warrior Inc

Alpers #1-33

P O Box 399
Garden City Ks 67846-0399

33-21s-12w Stafford

Job Ticket: 19304

DST#: 1

ATTN: Cecil O'Brate

Test Start: 2004.05.08 @ 22:26:48

Gas Rates Information

Temperature: 59 deg C

Relative Density: 0.65

Z Factor: 0.8

Gas Rates Table

Flow Period	Elapsed Time	Choke (mm)	Pressure (kPaa)	Gas Rate (m ³ /d)
2	5	0.50	7.00	144.36
2	15	0.25	3.00	27.60
2	25	0.25	2.00	26.02
2	30	0.25	2.00	26.02

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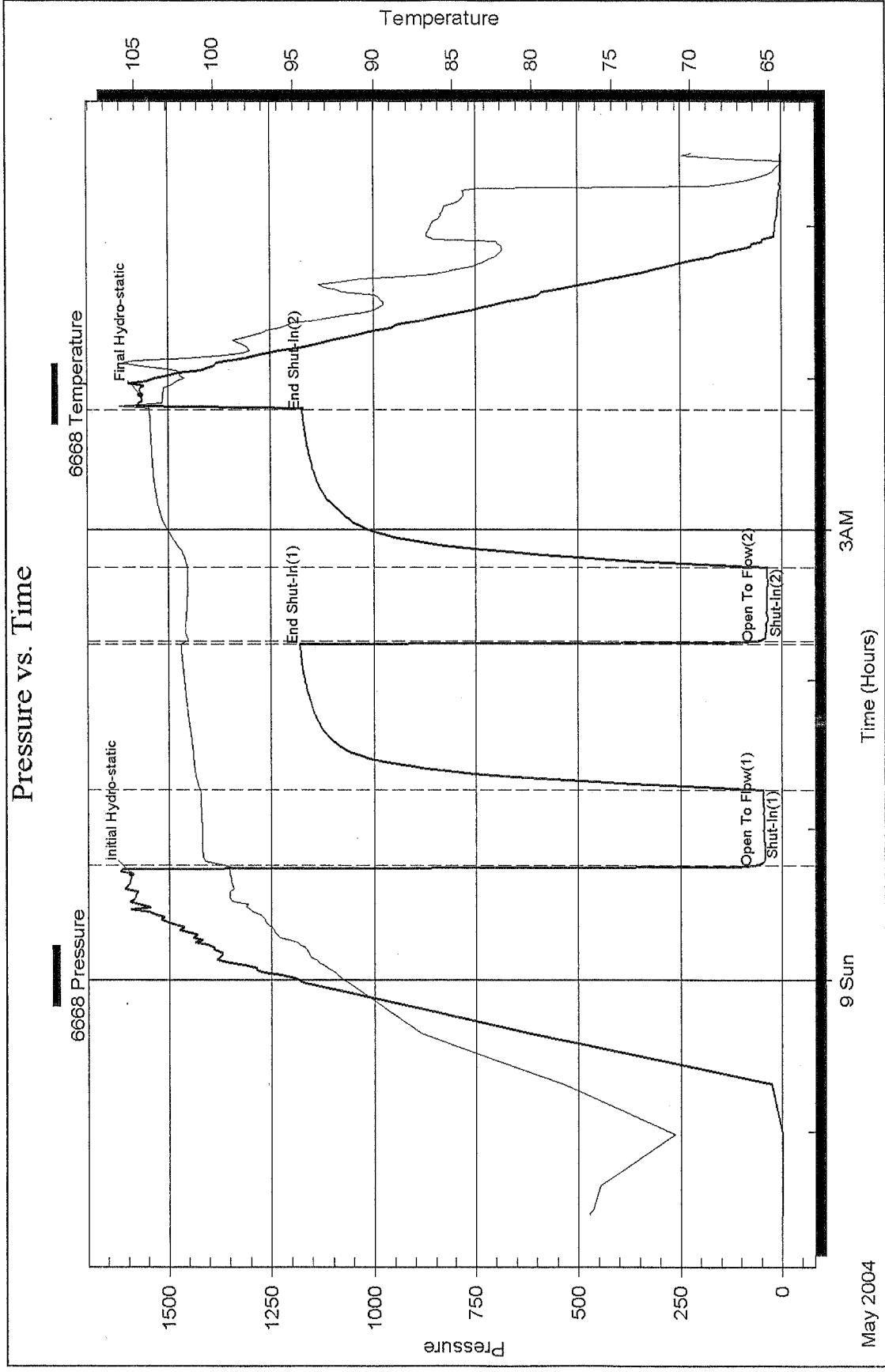
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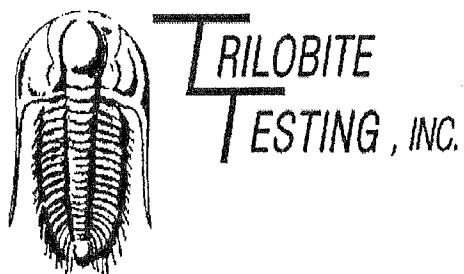
33-21s-12w Stafford

American Warrior Inc

Inside

Serial #: 6668





DRILL STEM TEST REPORT

Prepared For: **American Warrior Inc**

P O Box 399
Garden City Ks 67846-0399

ATTN: Cecil O'Brate

33-21s-12w Stafford

Alpers #1-33

Start Date: 2004.05.09 @ 17:15:57

End Date: 2004.05.10 @ 00:25:56

Job Ticket #: 19305

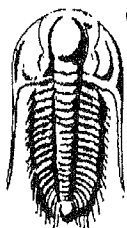
DST #: 2

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Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

American Warrior Inc
P O Box 399
Garden City Ks 67846-0399
ATTN: Cecil O'Brate

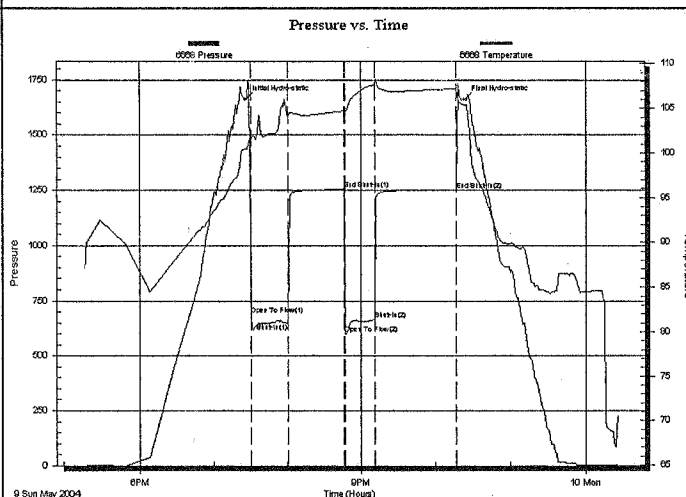
Alpers #1-33
33-21s-12w Stafford
Job Ticket: 19305 **DST#: 2**
Test Start: 2004.05.09 @ 17:15:57

GENERAL INFORMATION:

Formation: **LKC**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 19:30:26
Time Test Ended: 00:25:56
Test Type: Conventional Bottom Hole
Tester: Ray Schwager
Unit No: 28
Interval: **3451.00 ft (KB) To 3550.00 ft (KB) (TVD)**
Reference Elevations: 1886.00 ft (KB)
Total Depth: 3550.00 ft (KB) (TVD)
1878.00 ft (CF)
Hole Diameter: 7.85 inches Hole Condition: Fair
KB to GR/CF: 8.00 ft

Serial #: 6668 **Inside**
Press@RunDepth: 665.15 psig @ 3459.01 ft (KB)
Start Date: 2004.05.09 End Date: 2004.05.10
Start Time: 17:15:57 End Time: 00:25:56
Capacity: 7000.00 psig
Last Calib.: 2004.05.10
Time On Btm: 2004.05.09 @ 19:26:26
Time Off Btm: 2004.05.09 @ 22:23:26

TEST COMMENT: IFP-strg bl GTS in 1 min
FFP-GTS
Times 30-45-30-60



PRESSURE SUMMARY

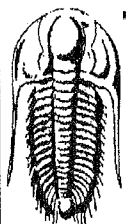
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1661.84	100.42	Initial Hydro-static
4	687.17	101.62	Open To Flow (1)
35	649.24	103.99	Shut-In (1)
80	1254.04	104.68	End Shut-In (1)
81	601.24	104.69	Open To Flow (2)
105	665.15	107.59	Shut-In (2)
171	1251.39	107.19	End Shut-In (2)
177	1660.06	105.39	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
20.00	GCM 5%gas 95%mud	0.28

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.75	170.00	2880.30
Last Gas Rate	0.75	200.00	3348.90
Max. Gas Rate	0.75	200.00	3348.90



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

American Warrior Inc

P O Box 399
Garden City Ks 67846-0399

ATTN: Cecil O'Brate

Alpers #1-33

33-21s-12w Stafford

Job Ticket: 19305

DST#:2

Test Start: 2004.05.09 @ 17:15:57

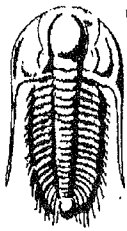
Tool Information

Drill Pipe:	Length: 3440.00 ft	Diameter: 3.80 inches	Volume: 48.25 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: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose:	65000.00 lb
			Total Volume: 48.25 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	10.00 ft			String Weight: Initial	56000.00 lb
Depth to Top Packer:	3451.00 ft			Final	56000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	99.02 ft				
Tool Length:	120.02 ft				
Number of Packers:	2	Diameter:	6.75 inches		
Tool Comments:					

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3431.00	
Shut In Tool	5.00			3436.00	
Hydraulic tool	5.00			3441.00	
Packer	5.00			3446.00	21.00 Bottom Of Top Packer
Packer	5.00			3451.00	
Stubb	1.00			3452.00	
Perforations	6.00			3458.00	
Change Over Sub	1.00			3459.00	
Recorder	0.01	6668	Inside	3459.01	
Blank Spacing	62.00			3521.01	
Change Over Sub	1.00			3522.01	
Perforations	25.00			3547.01	
Recorder	0.01	11085	Outside	3547.02	
Bullnose	3.00			3550.02	99.02 Bottom Packers & Anchor

Total Tool Length: 120.02

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TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior Inc
P O Box 399
Garden City Ks 67846-0399
ATTN: Cecil O'Brate

Alpers #1-33
33-21s-12w Stafford
Job Ticket: 19305 **DST#: 2**
Test Start: 2004.05.09 @ 17:15:57

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 50.00 sec/qt
Water Loss: 8.70 in³
Resistivity: ohm.m
Salinity: 5000.00 ppm
Filter Cake: 2.00 inches

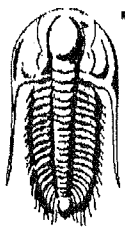
Cushion Type:
Cushion Length: ft
Cushion Volume: bbl
Gas Cushion Type:
Gas Cushion Pressure: psig
Oil API: deg API
Water Salinity: ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
20.00	GCM 5%gas 95%mud	0.281

Total Length: 20.00 ft Total Volume: 0.281 bbl
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

GAS RATES

American Warrior Inc

Alpers #1-33

P O Box 399
Garden City Ks 67846-0399

33-21s-12w Stafford

Job Ticket: 19305

DST#: 2

ATTN: Cecil O'Brate

Test Start: 2004.05.09 @ 17:15:57

Gas Rates Information

Temperature: 59 deg C
Relative Density: 0.65
Z Factor: 0.8

Gas Rates Table

Flow Period	Elapsed Time	Choke (mm)	Pressure (kPaa)	Gas Rate (m³/d)
1	5	0.75	170.00	2880.30
1	10	0.75	180.00	3036.50
1	15	0.75	190.00	3192.70
1	20	0.75	190.00	3192.70
1	25	0.75	190.00	3192.70
2	5	0.75	170.00	2880.30
2	10	0.75	200.00	3348.90
2	15	0.75	200.00	3348.90
2	20	0.75	200.00	3348.90
2	25	0.75	200.00	3348.90
2	30	0.75	200.00	3348.90

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KCC WICHITA

233273

DST Test Number: 2

33-21s-12w Stafford

American Warrior Inc

Inside

Serial #: 6668

