

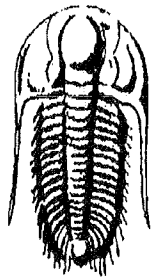
24-18s-26w

IND

CONFIDENTIAL

AUG 20 2009

KCC



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **American Warrior**

PO Box 399
Garden City, KS 67846

ATTN: Jason Alm

24-18s-26w/Ness

15-135-24918

Bateman #4-24

Start Date: 2009.06.18 @ 22:45:26

End Date: 2009.06.19 @ 06:09:26

Job Ticket #: 36332 DST #: 1

American Warrior

Bateman #4-24

24-18s-26w/Ness

DST # 1

Mississippian

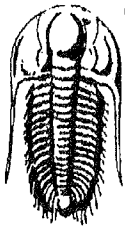
2009.06.18

RECEIVED

AUG 24 2009

KCC WICHITA

Trilobite Testing, Inc
PO Box 1733 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

American Warrior
PO Box 399
Garden City, KS 67846
ATTN: Jason Alm

Bateman #4-24
24-18s-26w/Ness
Job Ticket: 36332 DST#: 1
Test Start: 2009.06.18 @ 22:45:26

GENERAL INFORMATION:

Formation: **Mississippian**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 00:59:11
Time Test Ended: 06:09:26

Test Type: Conventional Bottom Hole
Tester: Tyson Flax
Unit No: 44

Interval: **4442.00 ft (KB) To 4482.00 ft (KB) (TVD)**
Total Depth: 4482.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2568.00 ft (KB)
2560.00 ft (CF)
KB to GR/CF: 8.00 ft

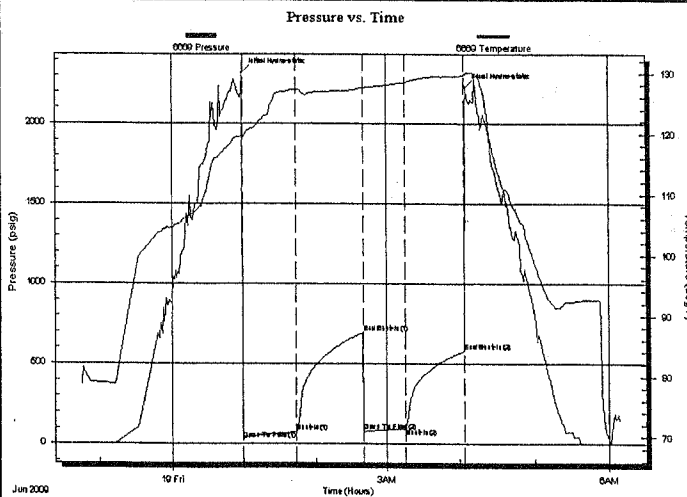
Serial #: 6669

Inside

Press@RunDepth: 95.04 psig @ 4448.00 ft (KB)
Start Date: 2009.06.18 End Date: 2009.06.19
Start Time: 22:45:27 End Time: 06:09:26

Capacity: 7000.00 psig
Last Calib.: 2009.06.19
Time On Btm: 2009.06.19 @ 00:58:56
Time Off Btm: 2009.06.19 @ 04:05:26

TEST COMMENT: IFP-Weak blow built to 9.5"
ISI-no blow back
FFP-Weak blow built to 5"
FSI-no blow back



PRESSURE SUMMARY

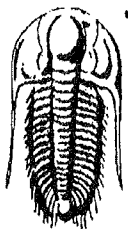
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2319.08	119.82	Initial Hydro-static
1	25.50	119.17	Open To Flow (1)
46	72.00	127.22	Shut-In (1)
101	692.08	127.51	End Shut-In (1)
102	80.81	127.37	Open To Flow (2)
137	95.04	128.46	Shut-In (2)
186	580.24	129.60	End Shut-In (2)
187	2232.21	129.85	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	Mud	0.57
60.00	OCM 20%O,80%M	0.85
30.00	MCO 60%O,40%M	0.43
15.00	CO	0.21

Gas Rates

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



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

American Warrior

Bateman #4-24

PO Box 399
Garden City, KS 67846

24-18s-26w/Ness

Job Ticket: 36332

DST#: 1

ATTN: Jason Alm

Test Start: 2009.06.18 @ 22:45:26

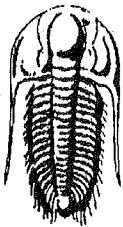
Tool Information

Drill Pipe:	Length: 4400.00 ft	Diameter: 3.82 inches	Volume: 62.37 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 30.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose: 70000.00 lb
		Total Volume: 62.52 bbl		Tool Chased 0.00 ft
Drill Pipe Above KB:	17.00 ft			String Weight: Initial 55000.00 lb
Depth to Top Packer:	4442.00 ft			Final 57000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	40.00 ft			
Tool Length:	69.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		
Tool Comments:				

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4414.00	
Shut In Tool	5.00			4419.00	
Hydraulic tool	5.00			4424.00	
Jars	5.00			4429.00	
Safety Joint	3.00			4432.00	
Packer	5.00			4437.00	29.00 Bottom Of Top Packer
Packer	5.00			4442.00	
Stubb	1.00			4443.00	
Perforations	4.00			4447.00	
Change Over Sub	1.00			4448.00	
Recorder	0.00	6719	Inside	4448.00	
Recorder	0.00	6669	Inside	4448.00	
Blank Spacing	30.00			4478.00	
Change Over Sub	1.00			4479.00	
Bullnose	3.00			4482.00	40.00 Bottom Packers & Anchor

Total Tool Length: 69.00



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior
PO Box 399
Garden City, KS 67846
ATTN: Jason Alm

Bateman #4-24
24-18s-26w/Ness
Job Ticket: 36332 **DST#: 1**
Test Start: 2009.06.18 @ 22:45:26

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 10.00 lb/gal
Viscosity: 54.00 sec/qt
Water Loss: 9.18 in³
Resistivity: ohm.m
Salinity: 3100.00 ppm
Filter Cake: inches

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

Oil API: 37 deg API
Water Salinity: ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	Mud	0.573
60.00	OCM 20%O,80%M	0.851
30.00	MCO 60%O,40%M	0.425
15.00	CO	0.213

Total Length: 165.00 ft Total Volume: 2.062 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time

