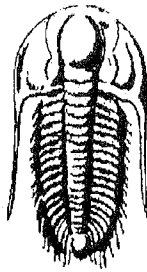


15-065-23159

35-9s-22w



**TRILOBITE  
TESTING, INC.**

**DRILL STEM TEST REPORT**

Prepared For: **American Warrior**

PO Box 399  
Garden City KS 67846

ATTN: Al Downing

**35 9 22W Graham**

**McKenna 8-35**

Start Date: 2006.05.27 @ 19:00:28

End Date: 2006.05.28 @ 00:33:56

Job Ticket #: 25052      DST #: 1

15-065-23159-00-00

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AUG 17 2006

KCC WICHITA

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

American Warrior

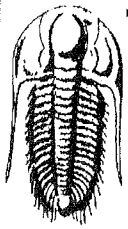
McKenna 8-35

35 9 22W Graham

DST # 1

LKC "K"

2006.05.27



**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

American Warrior  
PO Box 399  
Garden City KS 67846  
ATTN: Al Downing

**McKenna 8-35**

**35 9 22W Graham**

Job Ticket: 25052

DST#: 1

Test Start: 2006.05.27 @ 19:00:28

### GENERAL INFORMATION:

Formation: **LKC "K"**  
Deviated: No Whipstock: ft (KB)  
Time Tool Opened: 21:24:26  
Time Test Ended: 00:33:56

Test Type: Conventional Bottom Hole  
Tester: Brian Fairbank  
Unit No: 24

Interval: **3745.00 ft (KB) To 3765.00 ft (KB) (TVD)**  
Total Depth: 3765.00 ft (KB) (TVD)  
Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2335.00 ft (KB)  
2329.00 ft (CF)  
KB to GR/CF: 6.00 ft

### Serial #: 6769

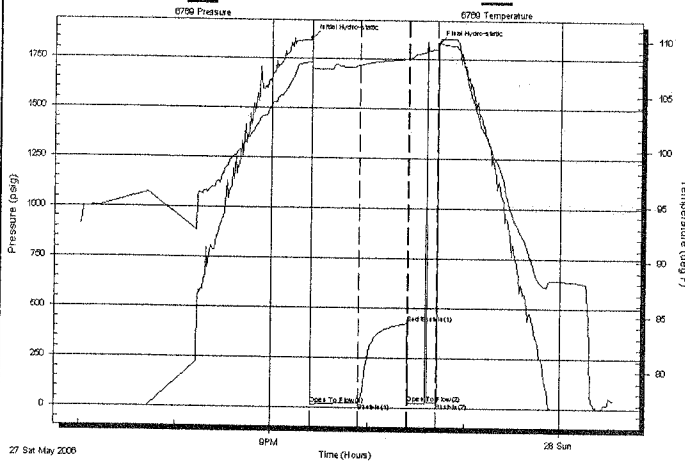
Inside

Press@RunDepth: 24.66 psig @ 3747.01 ft (KB)  
Start Date: 2006.05.27 End Date: 2006.05.28  
Start Time: 19:00:28 End Time: 00:33:56

Capacity: 7000.00 psig  
Last Calib.: 2006.05.28  
Time On Btm: 2006.05.27 @ 21:24:11  
Time Off Btm: 2006.05.27 @ 22:42:41

TEST COMMENT: IFP Weak blow throughout sur - 1/4 in  
ISI No blow back  
FFP No blow 10" flush tool - no blow 10" pull  
TIME 30 30 10 flush 10

Pressure vs. Time



### PRESSURE SUMMARY

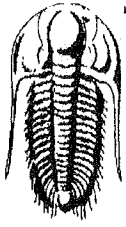
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1852.06	108.01	Initial Hydro-static
1	16.18	107.58	Open To Flow (1)
30	24.66	107.81	Shut-In (1)
60	422.37	108.37	End Shut-In (1)
61	24.45	108.32	Open To Flow (2)
78	30.38	109.28	Shut-In (2)
79	1826.41	109.82	Final Hydro-static

### Recovery

Length (ft)	Description	Volume (bbl)
15.00	O spotted M 100%M	0.07

### Gas Rates

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



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## DRILL STEM TEST REPORT

**TOOL DIAGRAM**

American Warrior  
PO Box 399  
Garden City KS 67846  
ATTN: Al Downing

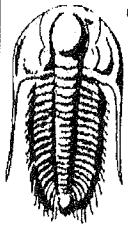
**McKenna 8-35**  
**35 9 22W Graham**  
Job Ticket: 25052      **DST#: 1**  
Test Start: 2006.05.27 @ 19:00:28

### Tool Information

Drill Pipe:	Length: 3717.00 ft	Diameter: 3.80 inches	Volume: 52.14 bbl	Tool Weight: 2500.00 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: 30.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose: 100000.0 lb
			<u>Total Volume: 52.29 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	22.00 ft			String Weight: Initial 62000.00 lb
Depth to Top Packer:	3745.00 ft			Final 62000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	20.02 ft			
Tool Length:	40.02 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
S.I. Tool	5.00			3730.00	
HYD S.I. Tool	5.00			3735.00	
Packer	5.00			3740.00	20.00      Bottom Of Top Packer
Packer	5.00			3745.00	
Stubb	1.00			3746.00	
Perforations	1.00			3747.00	
Recorder	0.01	6769	Inside	3747.01	
Perforations	15.00			3762.01	
Recorder	0.01	13548	Outside	3762.02	
Bullnose	3.00			3765.02	20.02      Bottom Packers & Anchor
<b>Total Tool Length:</b>	<b>40.02</b>				



**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

**FLUID SUMMARY**

American Warrior  
PO Box 399  
Garden City KS 67846  
ATTN: Al Downing

**McKenna 8-35**  
**35 9 22W Graham**  
Job Ticket: 25052      **DST#: 1**  
Test Start: 2006.05.27 @ 19:00:28

### 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: 50.00 sec/qt	Cushion Volume: bbl		
Water Loss: 8.76 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 3500.00 ppm			
Filter Cake: inches			

### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
15.00	O spotted M 100%M	0.074

Total Length: 15.00 ft      Total Volume: 0.074 bbl  
Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:  
Laboratory Name:      Laboratory Location:  
Recovery Comments: 5 GIP

# Pressure vs. Time

