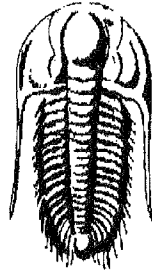


15-057-20610

34-25s-21w

IND



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **American Warrior**

P.O. Box 399
Garden City Ks 67646

ATTN: Maek Downing

34 25s 21w Ford KS

Indiek 1-34

Start Date: 2008.07.25 @ 00:06:47

End Date: 2008.07.25 @ 09:34:57

Job Ticket #: 33177 DST #: 1

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SEP 24 2008

CONSERVATION DIVISION
WICHITA, KS

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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

American Warrior

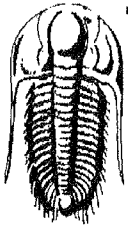
Indiek 1-34

34 25s 21w Ford KS

DST # 1

Cherokee

2008.07.25



**TRILOBITE
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DRILL STEM TEST REPORT

American Warrior
P.O. Box 399
Garden City Ks 67646
ATTN: Maek Downing

Indiek 1-34

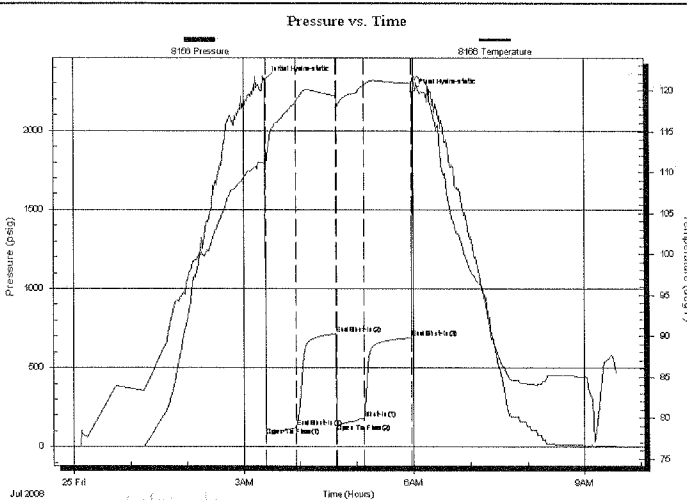
34 25s 21w Ford KS
Job Ticket: 33177 **DST#: 1**
Test Start: 2008.07.25 @ 00:06:47

GENERAL INFORMATION:

Formation: **Cherokee**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 03:23:07
Time Test Ended: 09:34:57
Test Type: Conventional Bottom Hole
Tester: Kevin Taylor
Unit No: 24
Interval: **4675.00 ft (KB) To 4740.00 ft (KB) (TVD)**
Reference Elevations: 2325.00 ft (KB)
Total Depth: 4740.00 ft (KB) (TVD) 2314.00 ft (CF)
Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 11.00 ft

Serial #: 8166 Inside
Press@RunDepth: 180.80 psig @ 4676.00 ft (KB) Capacity: 7000.00 psig
Start Date: 2008.07.25 End Date: 2008.07.25 Last Callb.: 2008.07.25
Start Time: 00:06:52 End Time: 09:34:57 Time On Btm: 2008.07.25 @ 03:22:57
Time Off Btm: 2008.07.25 @ 05:58:27

TEST COMMENT: IF Fair Blow BOB 3 Min
ISI No Blow
FF Fair Blow BOB 4 Min
FSI Weak Blow Built To 2" 20 Min Died in 40 Min



PRESSURE SUMMARY

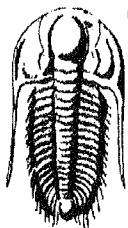
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2320.30	111.10	Initial Hydro-static
1	70.95	110.34	Open To Flow (1)
33	125.60	118.60	End Shut-In(1)
75	713.37	119.39	End Shut-In(2)
76	146.10	118.76	Open To Flow (2)
105	180.80	120.58	Shut-In(1)
156	690.42	120.88	End Shut-In(3)
156	2243.56	121.28	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
40.00	OCM 95%M 5%O	0.58
60.00	HOGCM 15%M 15%O 70%G	0.88
120.00	HOGCM 25%M 25%O 50%G	1.75
120.00	HOGCM 30%O 70%G	1.75

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

American Warrior

Indiek 1-34

P.O. Box 399
Garden City Ks 67646

34 25s 21w Ford KS

Job Ticket: 33177

DST#: 1

ATTN: Maek Downing

Test Start: 2008.07.25 @ 00:06:47

Tool Information

Drill Pipe:	Length: 4665.00 ft	Diameter: 3.88 inches	Volume: 68.22 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: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 90000.00 lb
			<u>Total Volume: 68.22 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	19.00 ft			String Weight: Initial 60000.00 lb
Depth to Top Packer:	4675.00 ft			Final 60000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	65.00 ft			
Tool Length:	94.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

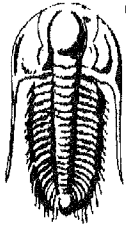
Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4647.00	
Shut In Tool	5.00			4652.00	
Hydraulic tool	5.00			4657.00	
Jars	5.00			4662.00	
Safety Joint	3.00			4665.00	
Packer	5.00			4670.00	29.00 Bottom Of Top Packer
Packer	5.00			4675.00	
Stubb	1.00			4676.00	
Recorder	0.00	8166	Inside	4676.00	
Recorder	0.00	8356	Inside	4676.00	
Perforations	5.00			4681.00	
Change Over Sub	1.00			4682.00	
Drill Pipe	31.00			4713.00	
Change Over Sub	1.00			4714.00	
Perforations	23.00			4737.00	
Bullnose	3.00			4740.00	65.00 Bottom Packers & Anchor
Total Tool Length:	94.00				

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TRILOBITE
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DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior
P.O. Box 399
Garden City Ks 67646
ATTN: Maek Downing

Indiek 1-34
34 25s 21w Ford KS
Job Ticket: 33177 **DST#: 1**
Test Start: 2008.07.25 @ 00:06:47

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: 57.00 sec/qt	Cushion Volume: bbl		
Water Loss: 9.59 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 6000.00 ppm			
Filter Cake: 0.02 inches			

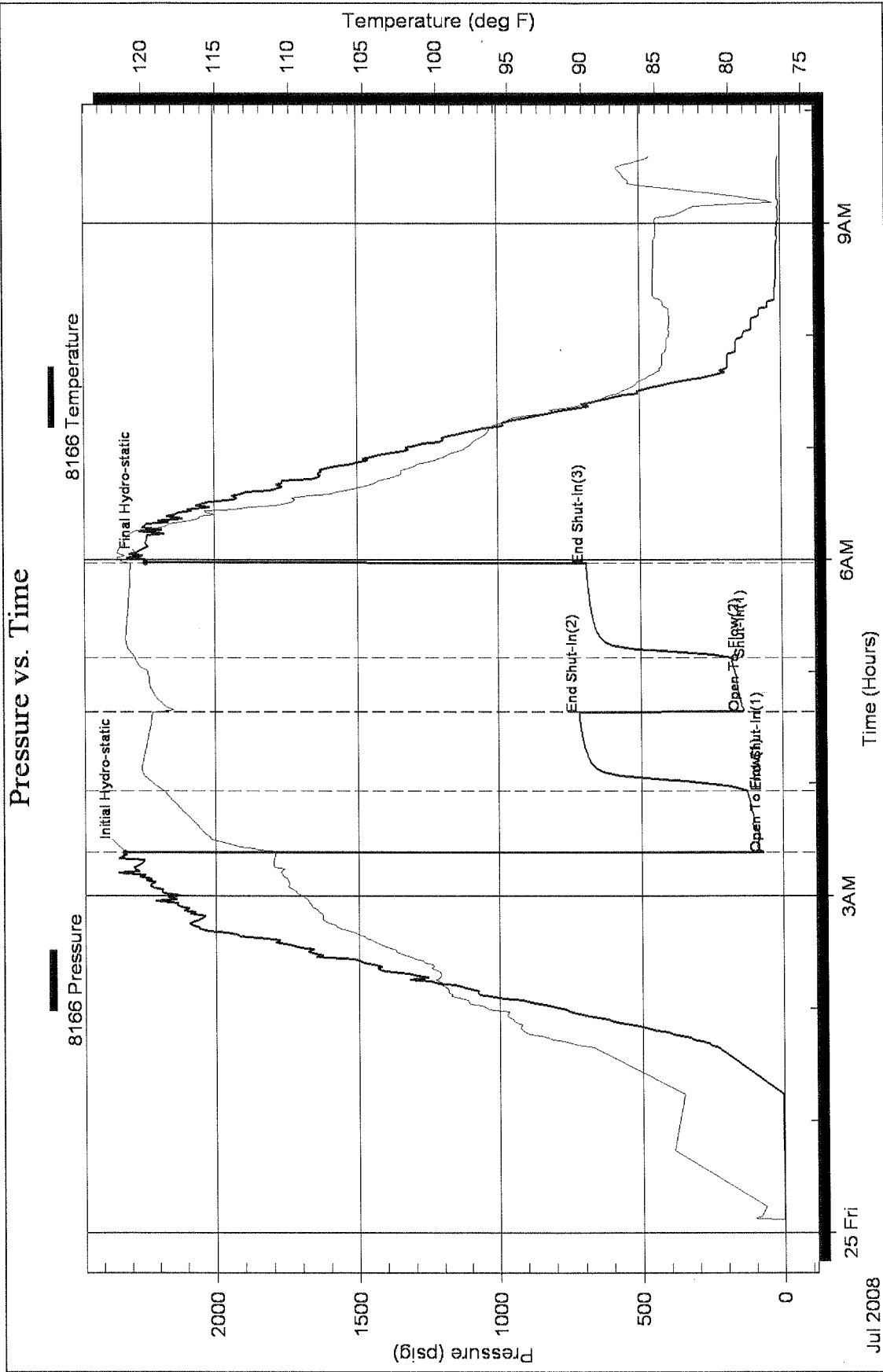
Recovery Information

Recovery Table

Length ft	Description	Volume bbl
40.00	OCM 95%M 5%O	0.585
60.00	HOGCM 15%M 15%O 70%G	0.877
120.00	HOGCM 25%M 25%O 50%G	1.755
120.00	HOGCM 30%O 70%G	1.755

Total Length: 340.00 ft Total Volume: 4.972 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:

Pressure vs. Time



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Ref. No: 33177

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