

**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Iuka Carmi Development LLC**

PO Box 907
Pratt KS 67124

ATTN: Josh Austin

15 27 12 Pratt KS

John Hamm

Start Date: 2007.05.05 @ 03:37:07

End Date: 2007.05.07 @ 16:09:07

Job Ticket #: 27936 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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DST#: 1

Test Start: 2007.05.05 @ 03:37:07

GENERAL INFORMATION:

Formation: **Miss.**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 08:42:00

Time Test Ended: 16:09:07

Test Type: Conventional Bottom Hole

Tester: Travy Cushenbery

Unit No: 30

Interval: **4116.00 ft (KB) To 4155.00 ft (KB) (TVD)**

Total Depth: 4155.00 ft (KB) (TVD)

Hole Diameter: 7.80 inches Hole Condition: Good

Reference Elevations: 1852.00 ft (KB)

1844.00 ft (CF)

KB to GR/CF: 8.00 ft

Serial #: 6668 Inside

Press@RunDepth: psig @ 4116.00 ft (KB)

Start Date: 2007.05.05

End Date: 2007.05.07

Capacity: 7000.00 psig

Last Calib.: 2007.05.08

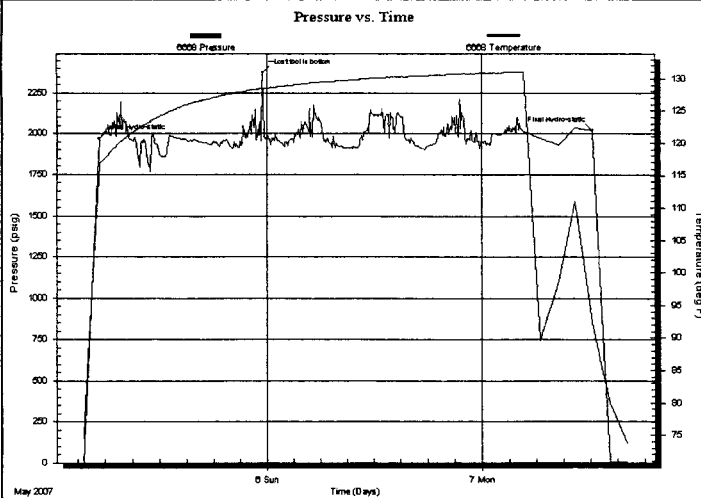
Start Time: 03:37:12

End Time: 16:09:07

Time On Btm: 2007.05.05 @ 05:22:22

Time Off Btm: 2007.05.07 @ 12:14:07

TEST COMMENT: IF Weak blow Building to 3 1/2 " in 30 mins.
FSI Bled off No blow back
FF Weak blow Building to 1/8 " in 30 mins.
FSI Bled off No blow back



PRESSURE SUMMARY

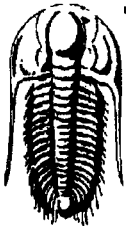
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1971.58	116.80	Initial Hydro-static
1087	2373.95	128.58	--Lost tool in bottom
3292	2020.88	92.28	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
45.00	Mud 100%M	0.63

Gas Rates

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



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TOOL DIAGRAM

Iuka Carmi Development LLC

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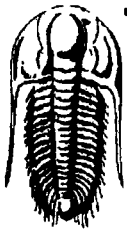
Test Start: 2007.05.05 @ 03:37:07

Tool Information

Drill Pipe:	Length: 4121.00 ft	Diameter: 3.80 inches	Volume: 57.81 bbl	Tool Weight:	2100.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer:	20000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose:	40000.00 lb
			<u>Total Volume: 57.81 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	33.00 ft			String Weight: Initial	34000.00 lb
Depth to Top Packer:	4116.00 ft			Final	35000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	39.00 ft				
Tool Length:	67.00 ft				
Number of Packers:	2	Diameter: 6.75 inches			
Tool Comments:					

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Shut In Tool	5.00			4093.00	
Hydraulic tool	5.00			4098.00	
Jars	5.00			4103.00	
Safety Joint	3.00			4106.00	
Packer	5.00			4111.00	28.00 Bottom Of Top Packer
Packer	5.00			4116.00	
Recorder	0.00	6668	Inside	4116.00	
Perforations	36.00			4152.00	
Recorder	0.00	13266	Outside	4152.00	
Bullnose	3.00			4155.00	39.00 Bottom Packers & Anchor
Total Tool Length:	67.00				



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FLUID SUMMARY

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15 27 12 Pratt KS

Job Ticket: 27936

DST#: 1

ATTN: Josh Austin

Test Start: 2007.05.05 @ 03:37:07

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: 44.00 sec/qt

Cushion Volume:

bbl

Water Loss: 11.98 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 12000.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
45.00	Mud 100%M	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:

Pressure vs. Time

