

TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Hummon Corp.**

950 NTyler
Wichita KS 67212

ATTN: Arden Ratzlaff

32-33s-15w Barber Ks

Mike #2-32

Start Date: 2005.09.12 @ 11:19:19

End Date: 2005.09.12 @ 21:00:34

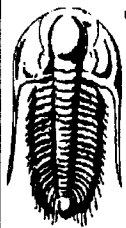
Job Ticket #: 21763

DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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



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950 NTyler
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ATTN: Arden Ratzlaff

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Job Ticket: 21763

DST#: 1

Test Start: 2005.09.12 @ 11:19:19

GENERAL INFORMATION:

Formation: **Hertha**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 14:06:04

Time Test Ended: 21:00:34

Test Type: Conventional Bottom Hole

Tester: Gary Pevoteaux

Unit No: 23

Interval: **4536.00 ft (KB) To 4618.00 ft (KB) (TVD)**

Total Depth: 4618.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Poor

Reference Elevations: 1730.00 ft (KB)

1725.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 6771

Inside

Press@RunDepth: 101.98 psig @ 4537.00 ft (KB)

Start Date: 2005.09.12

End Date: 2005.09.12

Capacity: 7000.00 psig

Last Calib.: 2005.09.12

Start Time: 11:19:24

End Time: 21:00:34

Time On Btm: 2005.09.12 @ 14:04:49

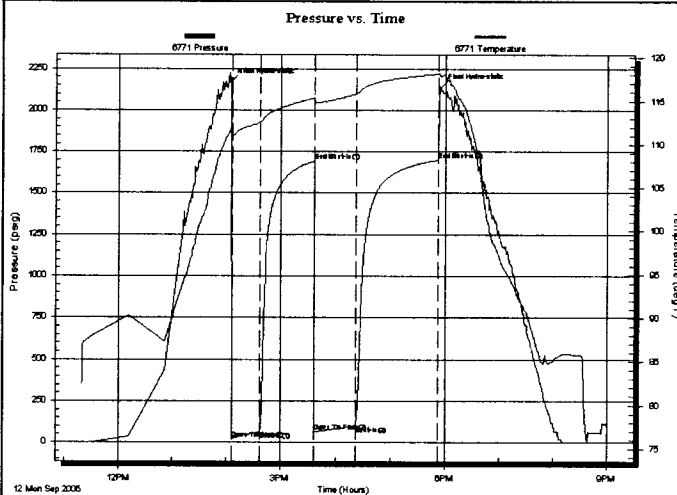
Time Off Btm: 2005.09.12 @ 17:54:49

TEST COMMENT: IF:Weak blow . 1/2 - 3 1/2".

IS:No blow .

FF:Weak blow . 1/2 - 1".

FSI:No blow .



PRESSURE SUMMARY

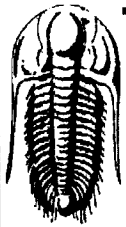
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2168.56	111.81	Initial Hydro-static
2	16.80	110.96	Open To Flow (1)
33	63.99	112.62	Shut-In(1)
92	1692.31	115.38	End Shut-In(1)
93	63.74	114.68	Open To Flow (2)
137	101.98	115.83	Shut-In(2)
228	1699.76	118.14	End Shut-In(2)
230	2135.16	117.83	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
195.00	SGCM 4%gt 96%rn	0.96

Gas Rates

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

Hummon Corp.

Mike #2-32

950 N Tyler
Wichita KS 67212

32-33s-15w Barber Ks

Job Ticket: 21763

DST#: 1

ATTN: Arden Ratzlaff

Test Start: 2005.09.12 @ 11:19:19

Tool Information

Drill Pipe:	Length: 4285.00 ft	Diameter: 3.80 inches	Volume: 60.11 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: 240.00 ft	Diameter: 2.25 inches	Volume: 1.18 bbl	Weight to Pull Loose:	81000.00 lb
		Total Volume:	61.29 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	11.00 ft			String Weight: Initial	60000.00 lb
Depth to Top Packer:	4536.00 ft			Final	62000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	82.00 ft				
Tool Length:	104.00 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			4515.00	
Shut In Tool	5.00			4520.00	
Hydraulic tool	5.00			4525.00	
Safety Joint	2.00			4527.00	
Packer	4.00			4531.00	22.00 Bottom Of Top Packer
Packer	5.00			4536.00	
Stubb	1.00			4537.00	
Recorder	0.00	6771	Inside	4537.00	
Perforations	2.00			4539.00	
Change Over Sub	1.00			4540.00	
Blank Spacing	62.00			4602.00	
Change Over Sub	1.00			4603.00	
Perforations	10.00			4613.00	
Recorder	0.00	13222	Outside	4613.00	
Bullnose	5.00			4618.00	82.00 Bottom Packers & Anchor

Total Tool Length: 104.00



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FLUID SUMMARY

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Job Ticket: 21763

DST#: 1

ATTN: Arden Ratzlaff

Test Start: 2005.09.12 @ 11:19:19

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:

4000 ppm

Viscosity: 49.00 sec/qt

Cushion Volume:

bbl

Water Loss: 9.59 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 4000.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
195.00	SGCM 4%gt 96%m	0.959

Total Length: 195.00 ft

Total Volume: 0.959 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #: none

Laboratory Name:

Laboratory Location:

Recovery Comments:

DST Test Number: 1

32-33s-15w Barber Ks

Hummon Corp.

Inside

Serial #: 6771

Pressure vs. Time

