

DRILL STEM TEST REPORT

Prepared For: **Hummon Corp.**

950 N.Tyler
Wichita Ks.67212

ATTN: Arden Ratzlaff

5-34s-15w Barber Ks.

Platt #1-5A

Start Date: 2003.07.04 @ 01:57:24

End Date: 2003.07.04 @ 09:48:24

Job Ticket #: 17895 DST #: 1

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KCC WICHITA

Trilobite Testing, Inc
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ph: 785-625-4778 fax: 785-625-5620



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Hummon Corp.

950 N.Tyler
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ATTN: Arden Ratzlaff

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Job Ticket: 17895

DST#: 1

Test Start: 2003.07.04 @ 01:57:24

GENERAL INFORMATION:

Formation: **Pawnee**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 04:31:39

Time Test Ended: 09:48:24

Test Type: Conventional Bottom Hole

Tester: Gary Pevoteaux

Unit No: 23

Interval: **4612.00 ft (KB) To 4712.00 ft (KB) (TVD)**

Total Depth: 4712.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Poor

Reference Elevations: 1628.00 ft (KB)

1619.00 ft (CF)

KB to GR/CF: 9.00 ft

Serial #: 2342

Inside

Press@RunDepth: 297.90 psig @ 4613.00 ft (KB)

Start Date: 2003.07.04

End Date:

2003.07.04

Start Time: 01:57:25

End Time:

09:48:24

Capacity: 7000.00 psig

Last Calib.: 2003.07.04

Time On Btm: 2003.07.04 @ 04:31:24

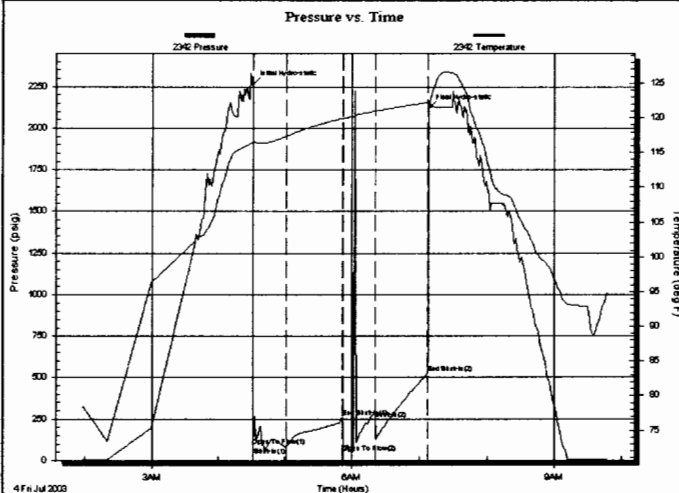
Time Off Btm: 2003.07.04 @ 07:07:54

TEST COMMENT: F:Weak blow . 1 1/4" decreasing.

IS:No blow .

FF:No blow . Flushed tool approx. 8 mins. in to FFP. No blow ;.

FSt:No blow .



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2264.49	116.50	Initial Hydro-static
1	87.66	116.51	Open To Flow (1)
31	82.28	117.40	Shut-In (1)
81	257.02	119.92	End Shut-In (1)
81	44.52	119.94	Open To Flow (2)
110	297.90	121.00	Shut-In (2)
156	525.51	122.25	End Shut-In (2)
157	2122.74	122.28	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
45.00	Drig.mud	0.63

Gas Rates

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

Hummon Corp.

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DST#: 1

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Test Start: 2003.07.04 @ 01:57:24

Tool Information

Drill Pipe:	Length: 4614.00 ft	Diameter: 3.80 inches	Volume: 64.72 bbl	Tool Weight: 4614.00 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: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 64000.00 lb
			Total Volume: 64.72 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	24.00 ft			String Weight: Initial 55000.00 lb
Depth to Top Packer:	4612.00 ft			Final 56000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	100.00 ft			
Tool Length:	122.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		
Tool Comments:				

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
C.O. Sub	1.00			4591.00	
S.I. Tool	5.00			4596.00	
HMV	5.00			4601.00	
Safety Joint	2.00			4603.00	
Packer	4.00			4607.00	22.00 Bottom Of Top Packer
Packer	5.00			4612.00	
Stubb	1.00			4613.00	
Recorder	0.00	2342	Inside	4613.00	
Perforations	5.00			4618.00	
C.O. Sub	1.00			4619.00	
Blank Spacing	63.00			4682.00	
C.O. Sub	1.00			4683.00	
Perforations	24.00			4707.00	
Recorder	0.00	13222	Outside	4707.00	
Bullnose	5.00			4712.00	100.00 Bottom Packers & Anchor

Total Tool Length: 122.00



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FLUID SUMMARY

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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: 54.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.79 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
45.00	Drig.mud	0.631

Total Length: 45.00 ft

Total Volume: 0.631 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #: none

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time

