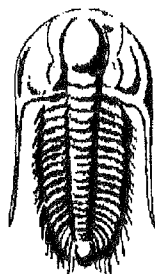


15-175-22077

11-325-31w

KGS



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Hummon Corporation**

950 N Tyler Road
Wichita KS 67212

ATTN: Brent Reinhardt

11 32 31 Seward KS

Drietz #1-11

Start Date: 2007.01.30 @ 04:20:39

End Date: 2007.01.30 @ 16:25:34

Job Ticket #: 26431

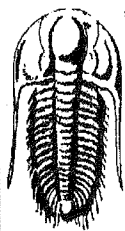
DST #: 1

KCC
MAY 20 2007
CONFIDENTIAL

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

Hummon Corporation

950 N Tyler Road
Wichita KS 67212

ATTN: Brent Reinhardt

Drietz #1-11

11 32 31 Seward KS

Job Ticket: 26431

DST#: 1

Test Start: 2007.01.30 @ 04:20:39

GENERAL INFORMATION:

Formation: **LKC K-L**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 08:42:49

Time Test Ended: 16:25:34

Test Type: Conventional Bottom Hole

Tester: Shane McBride

Unit No: 40

Interval: **4854.00 ft (KB) To 4972.00 ft (KB) (TVD)**

Total Depth: 4972.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2788.00 ft (KB)

2781.00 ft (CF)

KB to GR/CF: 7.00 ft

Serial #: 6667 Inside

Press@RunDepth: 185.75 psig @ 4855.00 ft (KB)

Start Date: 2007.01.30

End Date: 2007.01.30

Start Time: 04:20:39

End Time: 16:14:34

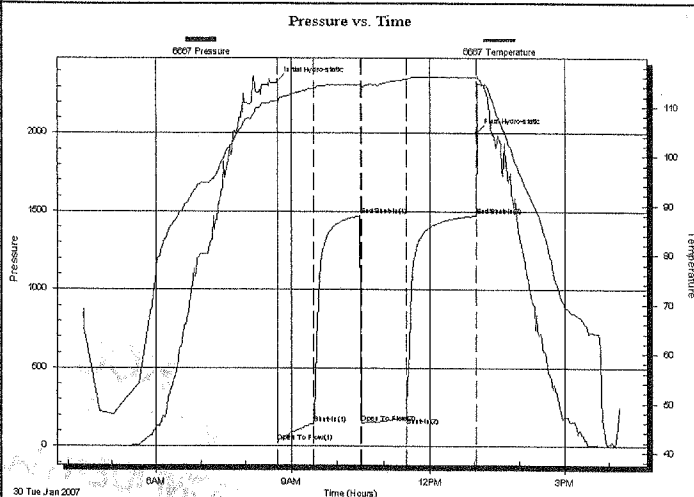
Capacity: 7000.00 psig

Last Calib.: 2007.01.30

Time On Btm: 2007.01.30 @ 08:42:33

Time Off Btm: 2007.01.30 @ 13:02:34

TEST COMMENT: BOB in 17 min.
No return
BOB in 17 min.
4 " return blow



PRESSURE SUMMARY

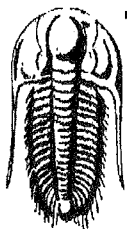
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2335.91	111.33	Initial Hydro-static
1	26.73	110.76	Open To Flow (1)
47	144.33	113.79	Shut-In(1)
107	1473.09	114.41	End Shut-In(1)
109	146.92	114.00	Open To Flow (2)
168	185.75	115.61	Shut-In(2)
260	1474.16	115.95	End Shut-In(2)
261	2008.03	116.21	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
310.00	SG & OCWM 10%G 5%O 30%W 55%M	1.52
90.00	GWCMw /Oil spots 40%G 25%W 35%M	1.26

Gas Rates

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



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

Hummon Corporation

Drietz #1-11

950 N Tyler Road
Wichita KS 67212

11 32 31 Seward KS

Job Ticket: 26431

DST#: 1

ATTN: Brent Reinhardt

Test Start: 2007.01.30 @ 04:20:39

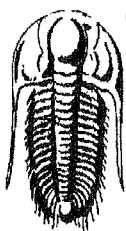
Tool Information

Drill Pipe:	Length: 4538.00 ft	Diameter: 3.80 inches	Volume: 63.66 bbl	Tool Weight:	1500.00 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: 310.00 ft	Diameter: 2.25 inches	Volume: 1.52 bbl	Weight to Pull Loose:	90000.00 lb
		Total Volume:	65.18 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	20.00 ft			String Weight: Initial	66000.00 lb
Depth to Top Packer:	4854.00 ft			Final	71000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	118.00 ft				
Tool Length:	144.00 ft				
Number of Packers:	2	Diameter:	6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			4833.00	
Hydraulic tool	5.00			4838.00	
Jars	5.00			4843.00	
Safety Joint	2.00			4845.00	
Packer	5.00			4850.00	26.00 Bottom Of Top Packer
Packer	4.00		Inside	4854.00	
Stubb	1.00			4855.00	
Recorder	0.00	6667	Inside	4855.00	
Perforations	17.00			4872.00	
Change Over Sub	1.00			4873.00	
Drill Pipe	93.00			4966.00	
Change Over Sub	1.00			4967.00	
Recorder	0.00	11058		4967.00	
Bullnose	5.00			4972.00	118.00 Bottom Packers & Anchor

Total Tool Length: 144.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Hummon Corporation

950 N Tyler Road
Wichita KS 67212

ATTN: Brent Reinhardt

Drietz #1-11

11 32 31 Seward KS

Job Ticket: 26431

DST#: 1

Test Start: 2007.01.30 @ 04:20:39

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 57.00 sec/qt

Water Loss: 7.13 in³

Resistivity: 0.00 ohm.m

Salinity: 2000.00 ppm

Filter Cake: 1.00 inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

ft

bbl

psig

Oil API:

0 deg API

Water Salinity:

61000 ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
310.00	SG & OCWM 10%G 5%O 30%W 55%M	1.525
90.00	GWCMw/Oil spots 40%G 25%W 35%M	1.262

Total Length: 400.00 ft

Total Volume: 2.787 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

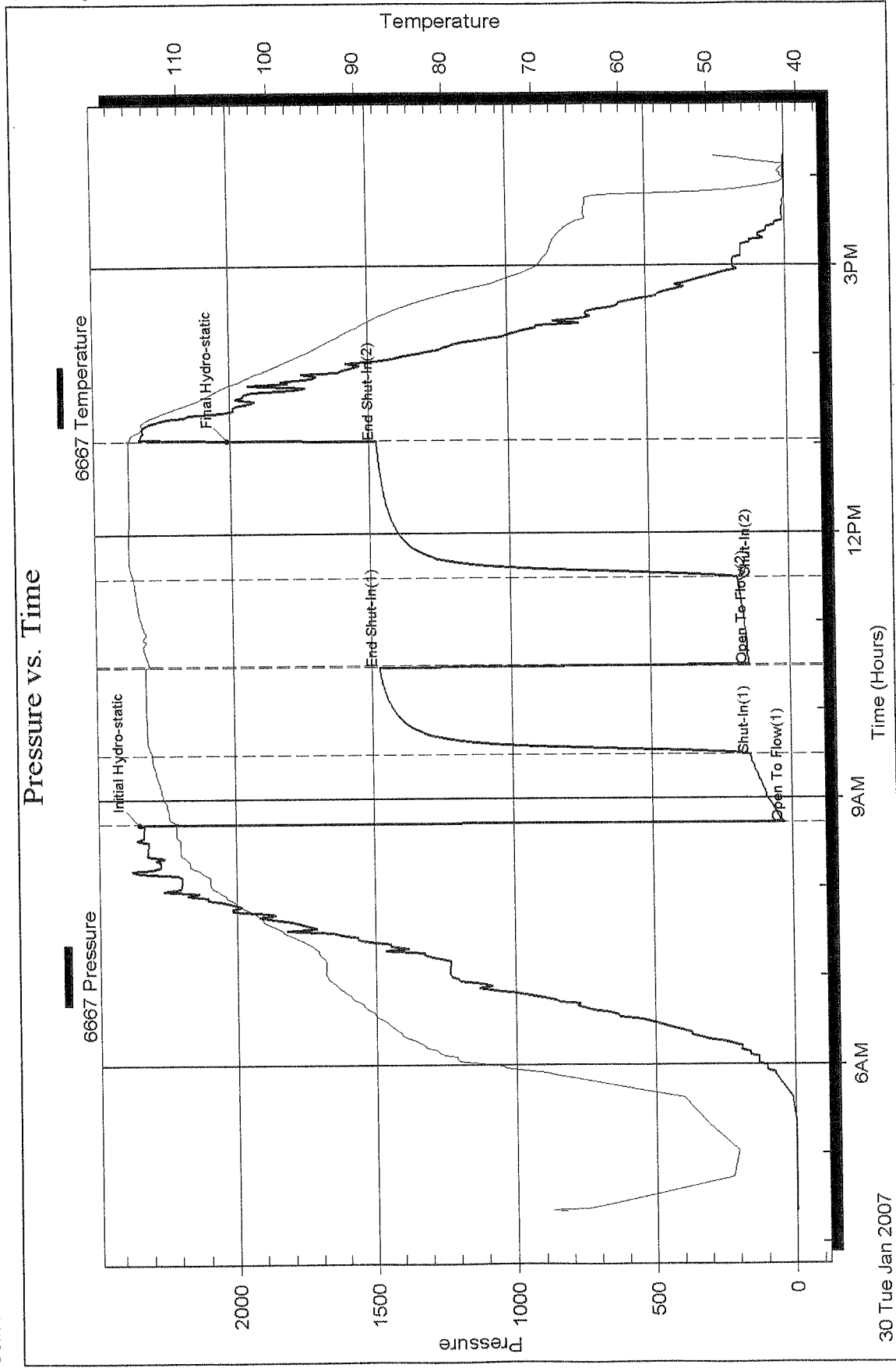
Serial #:

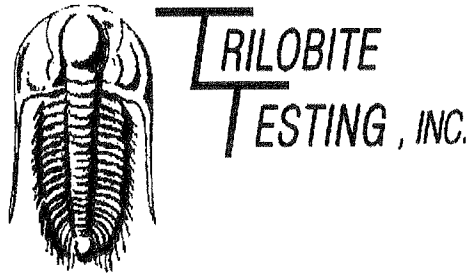
Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **Hummon Corporation**

950 N Tyler Road
Wichita KS 67212

ATTN: Brent Reinhardt

11 32 31 Seward KS

Drietz #1-11

Start Date: 2007.01.31 @ 11:40:45

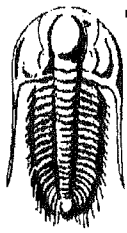
End Date: 2007.01.31 @ 21:00:10

Job Ticket #: 26432 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Hummon Corporation

950 N Tyler Road
Wichita KS 67212

ATTN: Brent Reinhardt

Drietz #1-11

11 32 31 Seward KS

Job Ticket: 26432

DST#: 2

Test Start: 2007.01.31 @ 11:40:45

GENERAL INFORMATION:

Formation: **Marm**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 14:49:25

Time Test Ended: 21:00:10

Test Type: Conventional Bottom Hole

Tester: Shane McBride

Unit No: 40

Interval: **4995.00 ft (KB) To 5075.00 ft (KB) (TVD)**

Total Depth: 5075.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2788.00 ft (KB)

2781.00 ft (CF)

KB to GR/CF: 7.00 ft

Serial #: 6667

Inside

Press@RunDepth: 108.28 psig @ 4996.00 ft (KB)

Start Date: 2007.01.31

End Date:

2007.01.31

Capacity: 7000.00 psig

Last Calib.: 2007.01.31

Start Time: 11:40:45

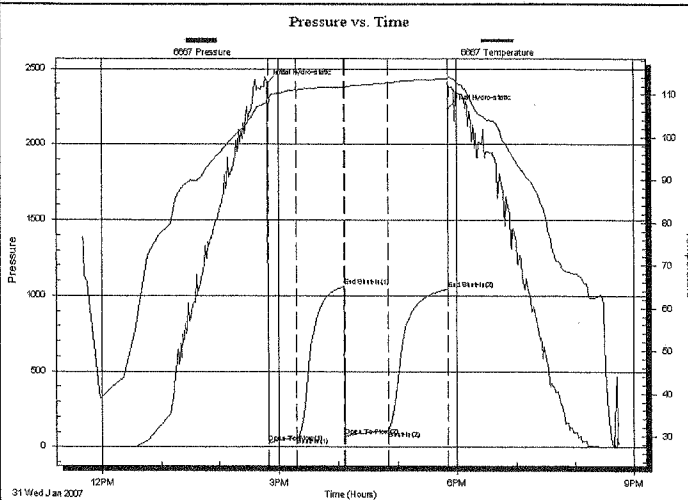
End Time:

20:45:10

Time On Btm: 2007.01.31 @ 14:49:10

Time Off Btm: 2007.01.31 @ 17:51:39

TEST COMMENT: 6" blow
No return
6" blow
No return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2404.79	108.14	Initial Hydro-static
1	30.26	107.08	Open To Flow (1)
29	62.30	111.03	Shut-In(1)
77	1063.78	111.76	End Shut-In(1)
77	71.64	111.65	Open To Flow (2)
122	108.28	112.73	Shut-In(2)
182	1045.85	113.71	End Shut-In(2)
183	2234.76	114.00	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
210.00	Mud w/Oil spots 100%M	1.03

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

Hummon Corporation

950 N Tyler Road
Wichita KS 67212

ATTN: Brent Reinhardt

Drietz #1-11

11 32 31 Seward KS

Job Ticket: 26432

DST#: 2

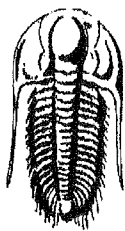
Test Start: 2007.01.31 @ 11:40:45

Tool Information

Drill Pipe:	Length: 4669.00 ft	Diameter: 3.80 inches	Volume: 65.49 bbl	Tool Weight: 1500.00 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: 310.00 ft	Diameter: 2.25 inches	Volume: 1.52 bbl	Weight to Pull Loose: 95000.00 lb
		Total Volume: 67.01 bbl		Tool Chased 0.00 ft
Drill Pipe Above KB:	5.00 ft			String Weight: Initial 69000.00 lb
Depth to Top Packer:	4995.00 ft			Final 70000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	80.00 ft			
Tool Length:	101.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		
Tool Comments:				

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			4979.00	
Hydraulic tool	5.00			4984.00	
Safety Joint	2.00			4986.00	
Packer	5.00			4991.00	21.00 Bottom Of Top Packer
Packer	4.00		Inside	4995.00	
Stubb	1.00			4996.00	
Recorder	0.00	6667	Inside	4996.00	
Perforations	10.00			5006.00	
Change Over Sub	1.00			5007.00	
Drill Pipe	62.00			5069.00	
Change Over Sub	1.00			5070.00	
Recorder	0.00	11058		5070.00	
Bullnose	5.00			5075.00	80.00 Bottom Packers & Anchor

Total Tool Length: 101.00



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Hummon Corporation

Drietz #1-11

950 N Tyler Road
Wichita KS 67212

11 32 31 Seward KS

ATTN: Brent Reinhardt

Job Ticket: 26432

DST#: 2

Test Start: 2007.01.31 @ 11:40:45

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 62.00 sec/qt

Water Loss: 7.92 in³

Resistivity: 0.00 ohm.m

Salinity: 2000.00 ppm

Filter Cake: 1.00 inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

ft

bbl

psig

Oil API:

Water Salinity:

0 deg API

0 ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
210.00	Mud w/Oil spots 100%M	1.033

Total Length: 210.00 ft

Total Volume: 1.033 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

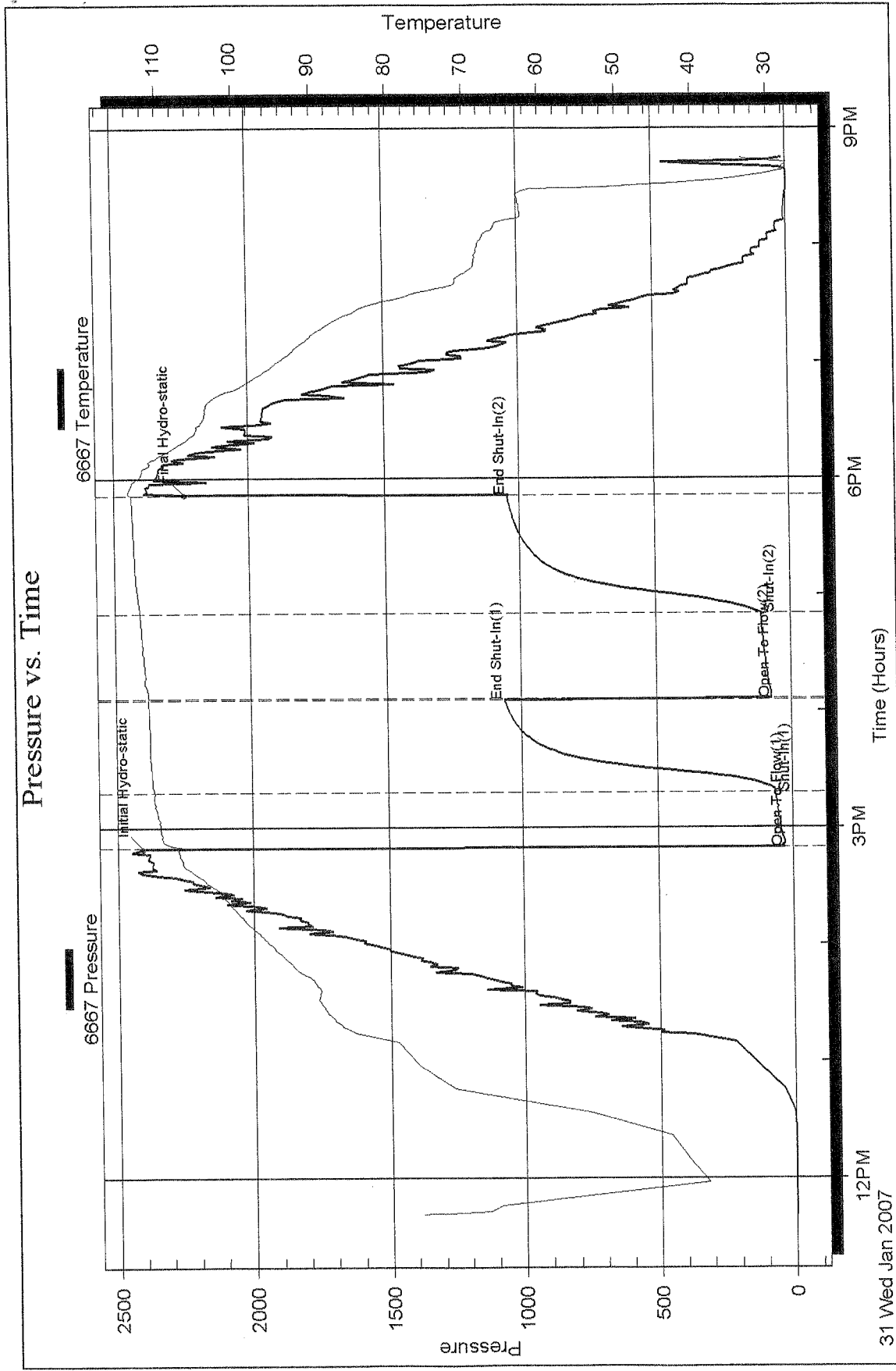
Serial #:

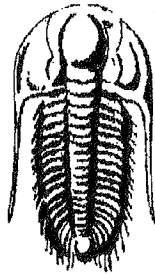
Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Hummon Corporation**

950 N Tyler Road
Wichita KS 67212

ATTN: Brent Reinhardt

11 32 31 Seward KS

Drietz #1-11

Start Date: 2007.02.01 @ 11:04:35

End Date: 2007.02.01 @ 21:24:50

Job Ticket #: 25770

DST #: 3

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Hummon Corporation

950 N Tyler Road
Wichita KS 67212

ATTN: Brent Reinhardt

Drietz #1-11

11 32 31 Seward KS

Job Ticket: 25770

DST#: 3

Test Start: 2007.02.01 @ 11:04:35

GENERAL INFORMATION:

Formation: **Pawnee**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 13:51:50

Time Test Ended: 21:24:50

Test Type: Conventional Bottom Hole

Tester: Delton Brown

Unit No: 20

Interval: **5129.00 ft (KB) To 5149.00 ft (KB) (TVD)**

Total Depth: 5149.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2788.00 ft (KB)

2781.00 ft (CF)

KB to GR/CF: 7.00 ft

Serial #: 6625

Inside

Press@RunDepth: 203.38 psig @ 5131.00 ft (KB)

Start Date: 2007.02.01

End Date:

2007.02.01

Capacity: 7000.00 psig

Last Calib.: 1899.12.30

Start Time: 11:04:36

End Time:

21:24:50

Time On Btm: 2007.02.01 @ 13:50:35

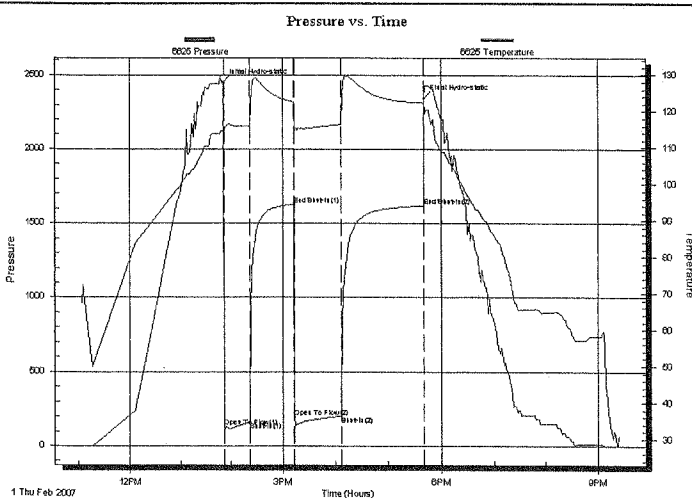
Time Off Btm: 2007.02.01 @ 17:40:50

TEST COMMENT: IF Strong blow BOB 30 sec. GTS 5 min.

ISI Weak surface return blow

FF Strong blow BOB & GTS ASAO

FSI No return blow



PRESSURE SUMMARY

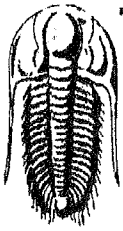
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2449.03	114.57	Initial Hydro-static
2	132.47	114.92	Open To Flow (1)
31	159.08	115.99	Shut-In(1)
81	1627.08	122.53	End Shut-In(1)
83	194.81	115.10	Open To Flow(2)
136	203.38	116.31	Shut-In(2)
230	1619.49	122.34	End Shut-In(2)
231	2339.49	123.48	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
216.00	Slightly MOCW 40%O 55%W 5%M	1.06
186.00	Oil Cut Water 10%O 90%W	1.75
124.00	Oil spot Water 1%O 99%W	1.74

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.50	18.00	218.56
Last Gas Rate	0.50	45.00	400.69
Max. Gas Rate	0.50	52.00	447.91



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Hummon Corporation

950 N Tyler Road
Wichita KS 67212

ATTN: Brent Reinhardt

Drietz #1-11

11 32 31 Seward KS

Job Ticket: 25770

DST#: 3

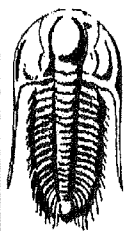
Test Start: 2007.02.01 @ 11:04:35

Tool Information

Drill Pipe:	Length: 4818.00 ft	Diameter: 3.80 inches	Volume: 67.58 bbl	Tool Weight: 2000.00 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: 310.00 ft	Diameter: 2.25 inches	Volume: 1.52 bbl	Weight to Pull Loose: 78000.00 lb
			Total Volume: 69.10 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	19.00 ft			String Weight: Initial 69000.00 lb
Depth to Top Packer:	5129.00 ft			Final 72000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	20.00 ft			
Tool Length:	40.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		
Tool Comments:				

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			5110.00	
Shut In Tool	5.00			5115.00	
Hydraulic tool	5.00			5120.00	
Packer	5.00		Fluid	5125.00	20.00 Bottom Of Top Packer
Packer	4.00			5129.00	
Stubb	1.00			5130.00	
Anchor	1.00			5131.00	
Recorder	0.00	6625	Inside	5131.00	
Perforations	15.00			5146.00	
Recorder	0.00	13761	Inside	5146.00	
Bullnose	3.00			5149.00	20.00 Bottom Packers & Anchor

Total Tool Length: 40.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Hummon Corporation

Drietz #1-11

950 N Tyler Road
Wichita KS 67212

11 32 31 Seward KS

Job Ticket: 25770

DST#: 3

ATTN: Brent Reinhardt

Test Start: 2007.02.01 @ 11:04:35

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API: 16 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity: 155000 ppm

Viscosity: 50.00 sec/qt

Cushion Volume:

bbl

Water Loss: 6.36 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2800.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
216.00	Slightly MOCW 40%O 55%W 5%M	1.062
186.00	Oil Cut Water 10%O 90%W	1.753
124.00	Oil spot Water 1%O 99%W	1.739

Total Length: 526.00 ft

Total Volume: 4.554 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

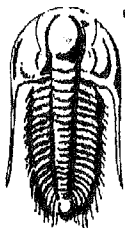
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW=.089@46F=155,000ppm

Gravity=18API@40F=16API



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

GAS RATES

Hummon Corporation

Drietz #1-11

950 N Tyler Road
Wichita KS 67212

11 32 31 Seward KS

Job Ticket: 25770

DST#: 3

ATTN: Brent Reinhardt

Test Start: 2007.02.01 @ 11:04:35

Gas Rates Information

Temperature: 59 deg C

Relative Density: 0.65

Z Factor: 0.8

Gas Rates Table

Flow Period	Elapsed Time	Choke (mm)	Pressure (kPaa)	Gas Rate (m ³ /d)
1	10	0.50	18.00	218.56
1	10	0.50	18.00	218.56
1	20	0.50	25.00	265.78
1	30	0.50	27.00	279.27
2	10	0.50	36.00	339.98
2	20	0.50	52.00	447.91
2	30	0.50	52.00	447.91
2	40	0.50	50.00	434.42
2	60	0.50	45.00	400.69

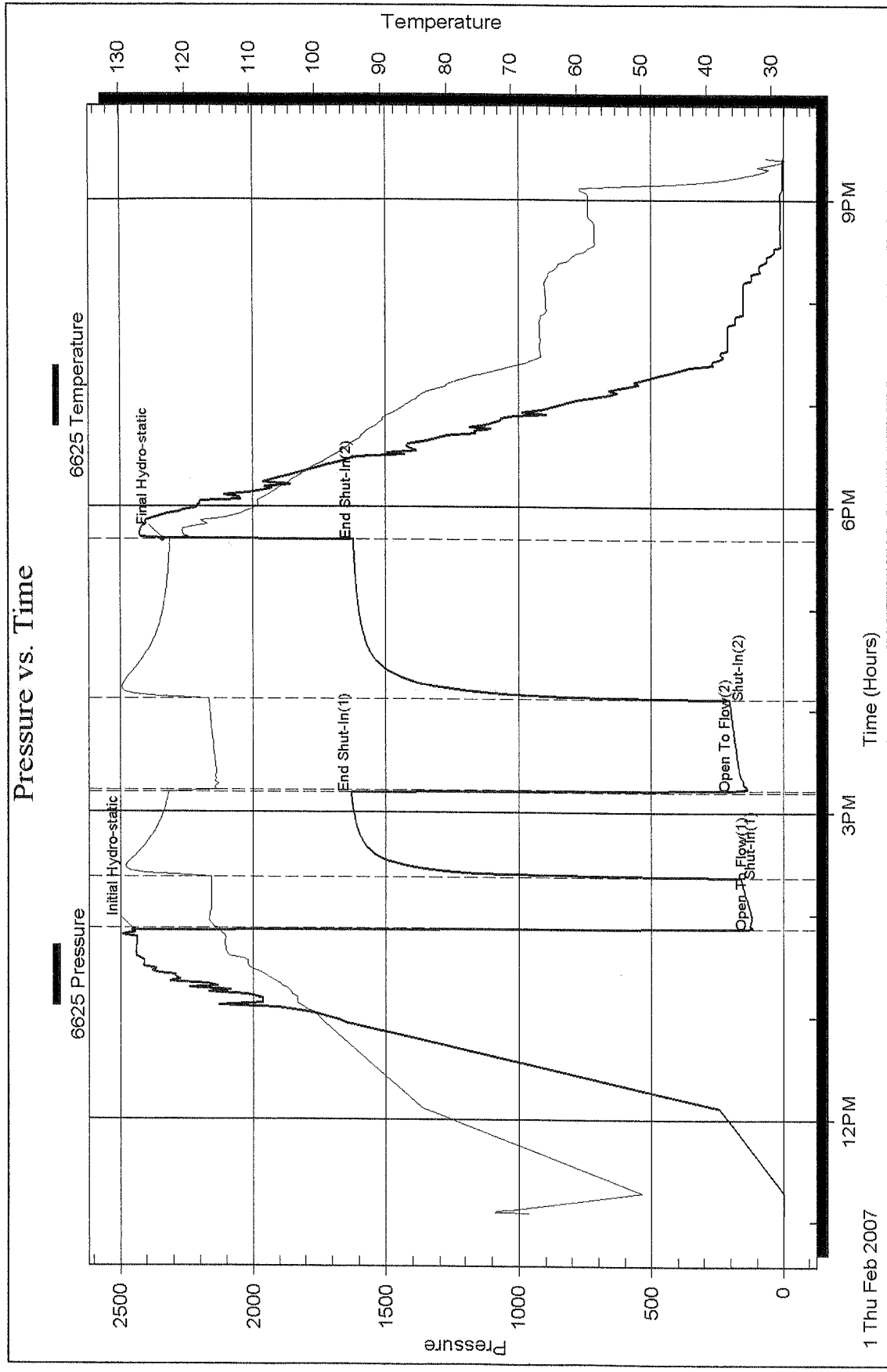
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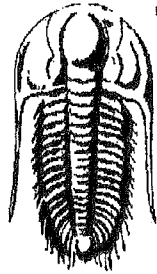
Inside

Hummon Corporation

11 32 31 Seward KS

DST Test Number: 3





TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Hummon Corporation**

950 N Tyler Road
Wichita KS 67212

ATTN: Brent Reinhardt

11 32 31 Seward KS

Drietz #1-11

Start Date: 2007.02.03 @ 11:22:08

End Date: 2007.02.03 @ 20:44:53

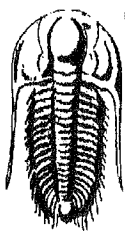
Job Ticket #: 25771

DST #: 4

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Hummon Corporation

950 N Tyler Road
Wichita KS 67212

ATTN: Brent Reinhardt

Drietz #1-11

11 32 31 Seward KS

Job Ticket: 25771

DST#: 4

Test Start: 2007.02.03 @ 11:22:08

GENERAL INFORMATION:

Formation: **Atoka & SS**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 14:25:38

Time Test Ended: 20:44:53

Test Type: Conventional Bottom Hole

Tester: Delton Brown

Unit No: 20

Interval: **5477.00 ft (KB) To 5507.00 ft (KB) (TVD)**

Total Depth: 5507.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2788.00 ft (KB)

2781.00 ft (CF)

KB to GR/CF: 7.00 ft

Serial #: 6625 Inside

Press@RunDepth: 21.88 psig @ 5479.00 ft (KB)

Start Date: 2007.02.03

End Date:

2007.02.03

Capacity: 7000.00 psig

Last Calib.: 1899.12.30

Start Time: 11:22:09

End Time:

20:44:53

Time On Btm: 2007.02.03 @ 14:24:53

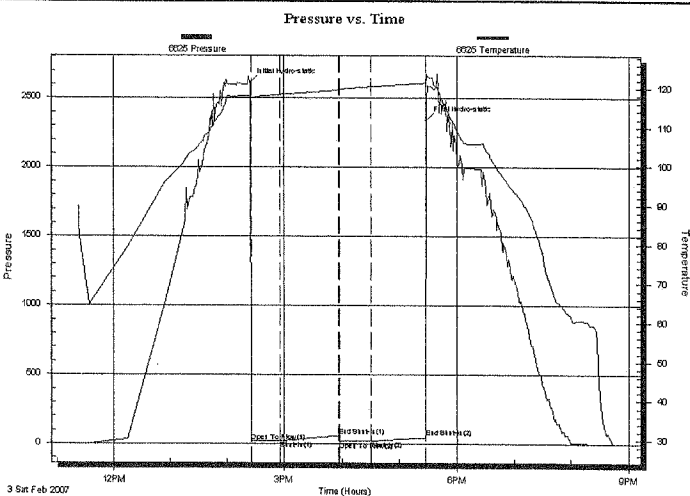
Time Off Btm: 2007.02.03 @ 17:28:23

TEST COMMENT: IF Weak blow 1/2 " in to bucket

ISI No return blow

FF No blow

FSI No return blow



PRESSURE SUMMARY

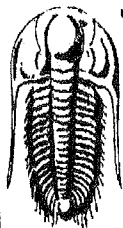
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2611.89	118.04	Initial Hydro-static
1	17.47	117.60	Open To Flow (1)
31	20.59	118.40	Shut-In (1)
92	58.58	119.52	End Shut-In (1)
93	17.74	119.62	Open To Flow (2)
125	21.88	120.44	Shut-In (2)
184	46.29	121.41	End Shut-In (2)
184	2342.44	122.52	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	Heavy Mud 100%M	0.05

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

Hummon Corporation

Drietz #1-11

950 N Tyler Road
Wichita KS 67212

11 32 31 Seward KS

Job Ticket: 25771

DST#: 4

ATTN: Brent Reinhardt

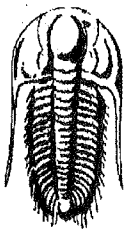
Test Start: 2007.02.03 @ 11:22:08

Tool Information

Drill Pipe:	Length: 5160.00 ft	Diameter: 3.80 inches	Volume: 72.38 bbl	Tool Weight:	2000.00 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: 310.00 ft	Diameter: 2.25 inches	Volume: 1.52 bbl	Weight to Pull Loose:	75000.00 lb
		Total Volume:	73.90 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	13.00 ft			String Weight: Initial	73000.00 lb
Depth to Top Packer:	5477.00 ft			Final	73000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	30.00 ft				
Tool Length:	50.00 ft				
Number of Packers:	2	Diameter:	6.75 inches		
Tool Comments:					

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			5458.00	
Shut In Tool	5.00			5463.00	
Hydraulic tool	5.00			5468.00	
Packer	5.00		Fluid	5473.00	20.00 Bottom Of Top Packer
Packer	4.00			5477.00	
Stubb	1.00			5478.00	
Anchor	1.00			5479.00	
Recorder	0.00	6625	Inside	5479.00	
Perforations	25.00			5504.00	
Recorder	0.00	13761	Inside	5504.00	
Bullnose	3.00			5507.00	30.00 Bottom Packers & Anchor

Total Tool Length: 50.00



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Hummon Corporation

Drietz #1-11

950 N Tyler Road
Wichita KS 67212

11 32 31 Seward KS

Job Ticket: 25771

DST#: 4

ATTN: Brent Reinhardt

Test Start: 2007.02.03 @ 11:22:08

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: 7600 ppm

Viscosity: 52.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.16 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	Heavy Mud 100%M	0.049

Total Length: 10.00 ft Total Volume: 0.049 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

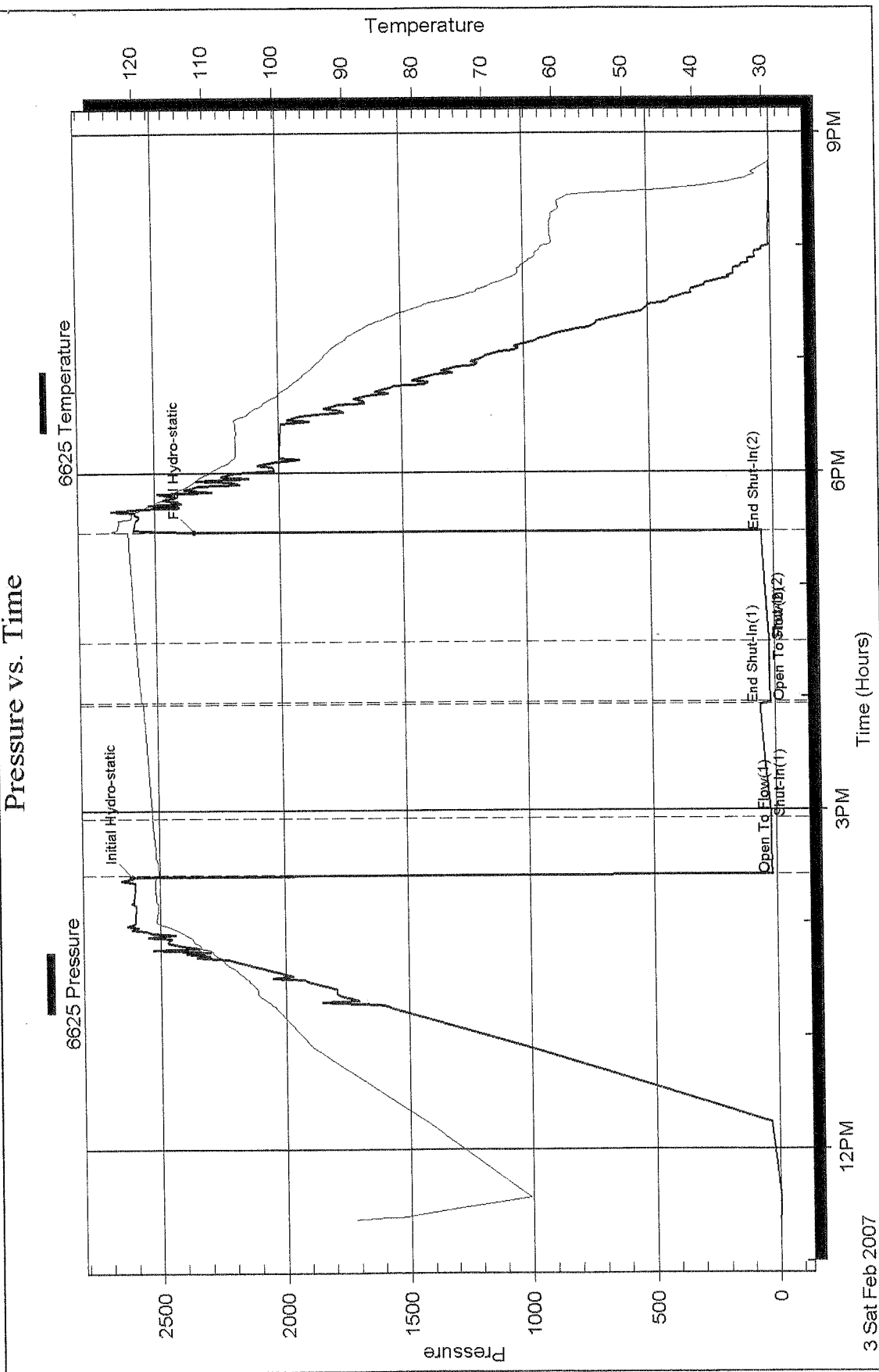
Serial #:

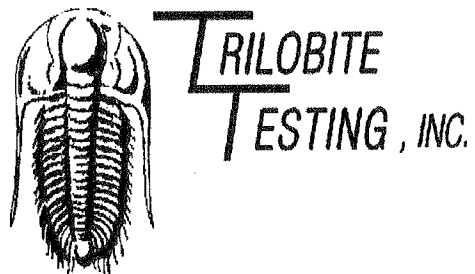
Laboratory Name:

Laboratory Location:

Recovery Comments: RW=.97@57F=7600ppm

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **Hummon Corporation**

950 N Tyler Road
Wichita KS 67212

ATTN: Brent Reinhardt

11 32 31 Seward KS

Drietz #1-11

Start Date: 2007.02.06 @ 02:58:07

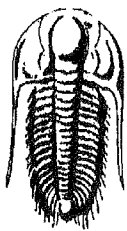
End Date: 2007.02.06 @ 15:19:07

Job Ticket #: 25772 DST #: 5

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Hummon Corporation

950 N Tyler Road
Wichita KS 67212

ATTN: Brent Reinhardt

Drietz #1-11

11 32 31 Seward KS

Job Ticket: 25772

DST#: 5

Test Start: 2007.02.06 @ 02:58:07

GENERAL INFORMATION:

Formation: **St. Louis A&B**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 06:22:22

Time Test Ended: 15:19:07

Test Type: Conventional Bottom Hole

Tester: Delton Brown

Unit No: 20

Interval: **5870.00 ft (KB) To 5985.00 ft (KB) (TVD)**

Total Depth: 5985.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2788.00 ft (KB)

2781.00 ft (CF)

KB to GR/CF: 7.00 ft

Serial #: 6625

Inside

Press@RunDepth: 827.47 psig @ 5872.00 ft (KB)

Start Date: 2007.02.06

End Date: 2007.02.06

Start Time: 02:58:08

End Time: 15:19:07

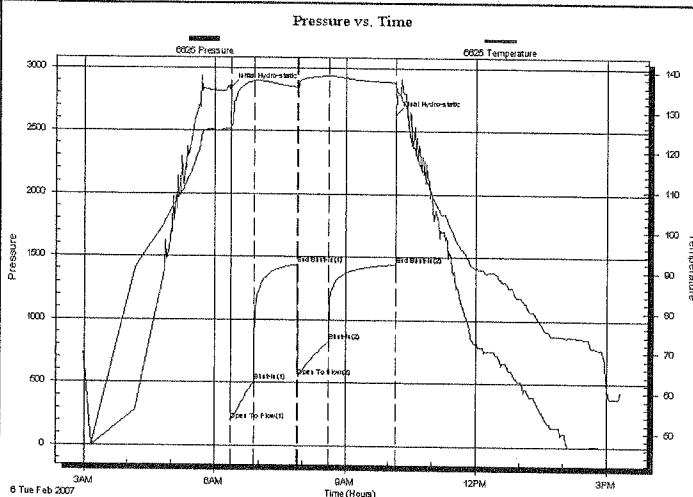
Capacity: 7000.00 psig

Last Calib.: 1899.12.30

Time On Btm: 2007.02.06 @ 06:21:37

Time Off Btm: 2007.02.06 @ 10:10:22

TEST COMMENT: IF Strong blow BOB 1 min.
ISI Return Blow 1 " in to bucket
FF Strong blow BOB 3 min.
FSI Return blow 2 " in to bucket



PRESSURE SUMMARY

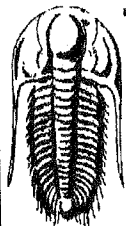
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2844.86	125.58	Initial Hydro-static
1	196.77	125.91	Open To Flow (1)
32	507.43	137.40	Shut-In (1)
92	1438.64	135.91	End Shut-In (1)
92	546.95	135.52	Open To Flow (2)
136	827.47	138.70	Shut-In (2)
229	1442.00	137.14	End Shut-In (2)
229	2627.40	136.74	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
310.00	OCWM 2%G 10%O 20%W 68%M	1.52
186.00	OCWM 20% 30%W 50%M	2.61
62.00	GOCWM 20%G 10%O 40%W 30%M	0.87
62.00	O spot MW 5%G 5%O 82%W 8%M	0.87
868.00	Gw/O spot MW 5%G 1%O 90%W 4%M	12.18

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

Hummon Corporation

Drietz #1-11

950 N Tyler Road
Wichita KS 67212

11 32 31 Seward KS

Job Ticket: 25772

DST#: 5

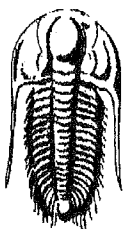
ATTN: Brent Reinhardt

Test Start: 2007.02.06 @ 02:58:07

Tool Information

Drill Pipe:	Length: 5562.00 ft	Diameter: 3.80 inches	Volume: 78.02 bbl	Tool Weight:	2000.00 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: 310.00 ft	Diameter: 2.25 inches	Volume: 1.52 bbl	Weight to Pull Loose:	100000.0 lb
		Total Volume:	79.54 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	29.00 ft			String Weight: Initial	74000.00 lb
Depth to Top Packer:	5870.00 ft			Final	84000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	115.00 ft				
Tool Length:	142.00 ft				
Number of Packers:	2	Diameter:	6.75 inches		
Tool Comments:					

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			5844.00	
Shut In Tool	5.00			5849.00	
Hydraulic tool	5.00			5854.00	
Jars	5.00			5859.00	
Safety Joint	2.00			5861.00	
Packer	5.00			5866.00	27.00 Bottom Of Top Packer
Packer	4.00			5870.00	
Stubb	1.00			5871.00	
Anchor	1.00			5872.00	
Recorder	0.00	6625	Inside	5872.00	
Perforations	5.00			5877.00	
Change Over Sub	1.00			5878.00	
Drill Pipe	93.00			5971.00	
Change Over Sub	1.00			5972.00	
Perforations	10.00			5982.00	
Recorder	0.00	13761	Inside	5982.00	
Bullnose	3.00			5985.00	115.00 Bottom Packers & Anchor
Total Tool Length:	142.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Hummon Corporation

950 N Tyler Road
Wichita KS 67212

ATTN: Brent Reinhardt

Drietz #1-11

11 32 31 Seward KS

Job Ticket: 25772

DST#: 5

Test Start: 2007.02.06 @ 02:58:07

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 57.00 sec/qt

Water Loss: 6.38 in³

Resistivity: ohm.m

Salinity: 2700.00 ppm

Filter Cake: inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

ft

bbl

psig

Oil API:

Water Salinity:

deg API

130000 ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
310.00	OCWM 2%G 10%O 20%W 68%M	1.525
186.00	OCWM 20% 30%W 50%M	2.609
62.00	GOCWM 20%G 10%O 40%W 30%M	0.870
62.00	O spot MW 5%G 5%O 82%W 8%M	0.870
868.00	Gw/O spot MW 5%G 1%O 90%W 4%M	12.176

Total Length: 1488.00 ft

Total Volume: 18.050 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW=.075@62f=130000

Gravity=18@60=18

