

TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Damar Resources Inc**

234 W 11th St
Hays KS 67601

ATTN: Randy Killian

19 16 25 Ness KS

Horacek A-1

Start Date: 2007.06.09 @ 23:12:22

End Date: 2007.06.10 @ 07:14:22

Job Ticket #: 28337 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Damar Resources Inc

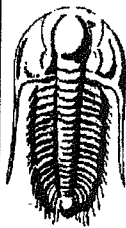
Horacek A-1

19 16 25 Ness KS

DST # 1

Ft. Scott

2007.06.09



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Damar Resources Inc

234 W 11th St
Hays KS 67601

ATTN: Randy Killian

Horacek A-1

19 16 25 Ness KS

Job Ticket: 28337

DST#: 1

Test Start: 2007.06.09 @ 23:12:22

GENERAL INFORMATION:

Formation: **Ft. Scott**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 02:42:07

Time Test Ended: 07:14:22

Interval: **4377.00 ft (KB) To 4430.00 ft (KB) (TVD)**

Total Depth: 4430.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Test Type: Conventional Bottom Hole

Tester: Tyson Flax

Unit No: 21

Reference Elevations: 2594.00 ft (KB)

2586.00 ft (CF)

KB to GR/CF: 8.00 ft

Serial #: 8320

Inside

Press@RunDepth: 30.69 psig @ 4382.00 ft (KB)

Start Date: 2007.06.09 End Date:

Start Time: 23:12:24 End Time:

2007.06.10

07:14:22

Capacity: 7000.00 psig

Last Calib.: 2007.06.10

Time On Btm: 2007.06.10 @ 02:41:52

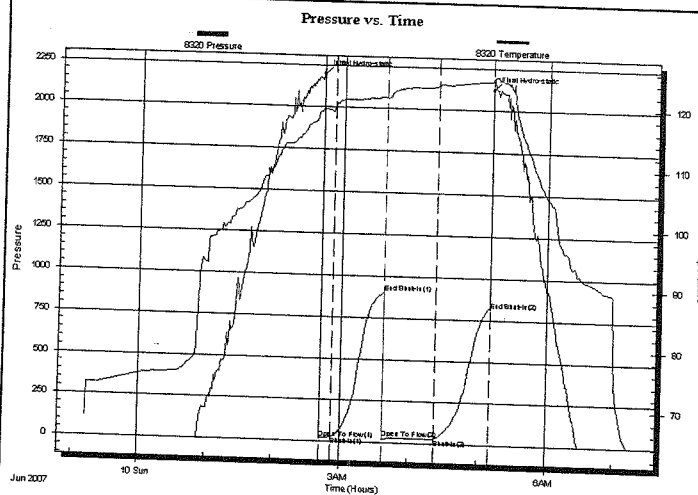
Time Off Btm: 2007.06.10 @ 05:10:07

TEST COMMENT: IFP Weak surface blow built to 1 "

ISI No blow back

FFP BOB in 27 min

FSI No blow back



PRESSURE SUMMARY

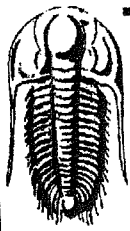
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2197.46	119.48	Initial Hydro-static
1	20.18	119.20	Open To Flow (1)
11	27.85	119.56	Shut-In (1)
56	904.40	121.37	End Shut-In (1)
56	27.85	121.22	Open To Flow (2)
101	30.69	123.54	Shut-In (2)
148	811.69	124.27	End Shut-In (2)
149	2119.96	124.62	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
50.00	GOCM 10%G 10%O 80%M	0.43
0.00	360' GIP	0.00

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

Damar Resources Inc

Horacek A-1

234 W 11th St
Hays KS 67601

19 16 25 Ness KS

Job Ticket: 28337

DST#: 1

ATTN: Randy Killian

Test Start: 2007.06.09 @ 23:12:22

Tool Information

Drill Pipe:	Length: 4342.00 ft	Diameter: 3.82 inches	Volume: 61.55 bbl	Tool Weight: 2200.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 30.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose: 60000.00 lb
		Total Volume: 61.70 bbl		Tool Chased 0.00 ft
Drill Pipe Above KB:	16.00 ft			String Weight: Initial 48000.00 lb
Depth to Top Packer:	4377.00 ft			Final 48000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	53.00 ft			
Tool Length:	74.00 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			4357.00	
Shut In Tool	5.00			4362.00	
Hydraulic tool	5.00			4367.00	
Packer	5.00			4372.00	21.00 Bottom Of Top Packer
Packer	5.00			4377.00	
Stubb	1.00			4378.00	
Perforations	3.00			4381.00	
Change Over Sub	1.00			4382.00	
Recorder	0.00	8320	Inside	4382.00	
Blank Spacing	32.00			4414.00	
Change Over Sub	1.00			4415.00	
Perforations	12.00			4427.00	
Recorder	0.00	13401	Inside	4427.00	
Bullnose	3.00			4430.00	53.00 Bottom Packers & Anchor

Total Tool Length: 74.00



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DRILL STEM TEST REPORT

FLUID SUMMARY

Damar Resources Inc

Horacek A-1

234 W 11th St
Hays KS 67601

19 16 25 Ness KS

Job Ticket: 28337

DST#: 1

ATTN: Randy Killian

Test Start: 2007.06.09 @ 23:12:22

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 57.00 sec/qt

Water Loss: 8.79 in³

Resistivity: ohm.m

Salinity: 2000.00 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

ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
50.00	GOCM 10%G 10%O 80%M	0.431
0.00	360' GIP	0.000

Total Length: 50.00 ft

Total Volume: 0.431 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

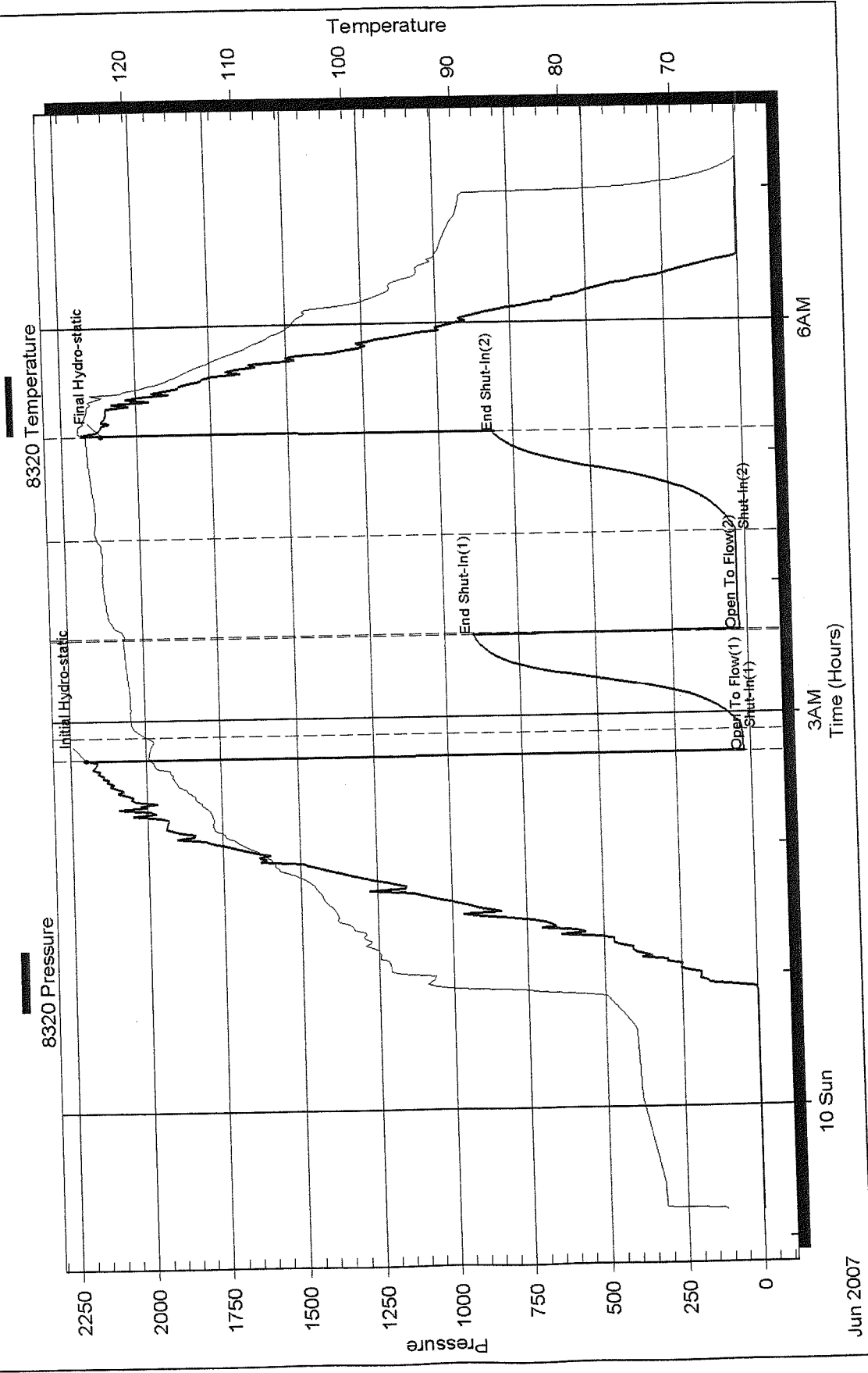
Serial #:

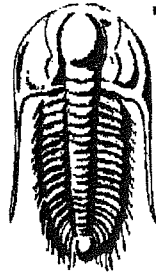
Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





**TRILOBITE
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DRILL STEM TEST REPORT

Prepared For: **Damar Resources Inc**

234 W 11th St
Hays KS 67601

ATTN: Randy Killian

19 16 25 Ness KS

Horacek A-1

Start Date: 2007.06.11 @ 02:50:02

End Date: 2007.06.11 @ 12:18:02

Job Ticket #: 28338 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Damar Resources Inc

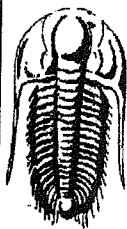
Horacek A-1

19 16 25 Ness KS

DST # 2

Miss

2007.06.11



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Damar Resources Inc

234 W 11th St
Hays KS 67601

ATTN: Randy Killian

Horacek A-1

19 16 25 Ness KS

Job Ticket: 28338

DST#: 2

Test Start: 2007.06.11 @ 02:50:02

GENERAL INFORMATION:

Formation: **Miss**

Deviated: **No** Whipstock: **ft (KB)**

Time Tool Opened: 06:04:02

Time Test Ended: 12:18:02

Interval: **4439.00 ft (KB) To 4514.00 ft (KB) (TVD)**

Total Depth: **4603.00 ft (KB) (TVD)**

Hole Diameter: **7.88 inches** Hole Condition: **Good**

Test Type: **Conventional Straddle**

Tester: **Tyson Flax**

Unit No: **21**

Reference Elevations: **2594.00 ft (KB)**

2586.00 ft (CF)

KB to GR/CF: **8.00 ft**

Serial #: 8320

Inside

Press@RunDepth: **74.52 psig @ 4443.00 ft (KB)**

Start Date: **2007.06.11**

End Date:

2007.06.11

Capacity: **7000.00 psig**

Start Time: **02:50:04**

End Time:

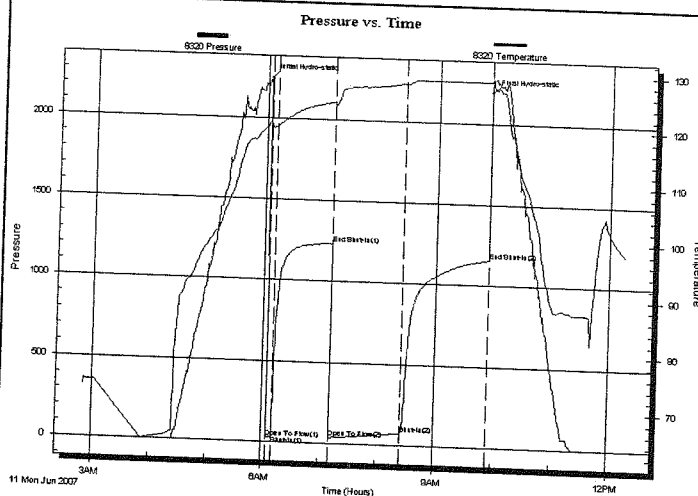
12:18:02

Last Calib.: **2007.06.11**

Time On Btm: **2007.06.11 @ 06:03:47**

Time Off Btm: **2007.06.11 @ 09:54:32**

TEST COMMENT: IFP Weak surface blow built to 2.5 "
ISI Weak surface blow back died in 2 min
FFP Weak surface blow built to BOB in 58 min
FSI Weak surface blow back died in 30 min TIME 5 60 75 90



PRESSURE SUMMARY

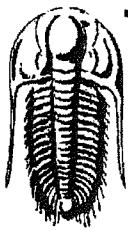
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2254.77	120.53	Initial Hydro-static
1	25.71	119.53	Open To Flow (1)
7	33.96	119.71	Shut-In (1)
67	1234.01	124.25	End Shut-In (1)
68	37.81	123.97	Open To Flow (2)
142	74.52	127.89	Shut-In (2)
231	1154.07	128.59	End Shut-In (2)
231	2196.75	128.91	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
150.00	GHOCM 10%G 40%O 50%M	1.85
0.00	180 GIP	0.00

Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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DRILL STEM TEST REPORT

TOOL DIAGRAM

Damar Resources Inc

Horacek A-1

234 W 11th St
Hays KS 67601

19 16 25 Ness KS

Job Ticket: 28338

DST#: 2

ATTN: Randy Killian

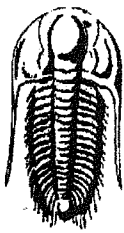
Test Start: 2007.06.11 @ 02:50:02

Tool Information

Drill Pipe:	Length: 4408.00 ft	Diameter: 3.82 inches	Volume: 62.49 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 30.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose: 65000.00 lb
		Total Volume: 62.64 bbl		Tool Chased 0.00 ft
Drill Pipe Above KB:	20.00 ft			String Weight: Initial 50000.00 lb
Depth to Top Packer:	4439.00 ft			Final 52000.00 lb
Depth to Bottom Packer:	4514.00 ft			
Interval between Packers:	75.00 ft			
Tool Length:	187.00 ft			
Number of Packers:	3	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4419.00	
Shut In Tool	5.00			4424.00	
Hydraulic tool	5.00			4429.00	
Packer	5.00			4434.00	21.00 Bottom Of Top Packer
Packer	5.00			4439.00	
Stubb	1.00			4440.00	
Perforations	2.00			4442.00	
Change Over Sub	1.00			4443.00	
Recorder	0.00	8320	Inside	4443.00	
Blank Spacing	62.00			4505.00	
Perforations	5.00			4510.00	
Change Over Sub	1.00			4511.00	
Recorder	0.00	3351	Inside	4511.00	
Blank Off Sub	1.00			4512.00	
Stubb	2.00			4514.00	75.00 Tool Interval
Packer	2.00			4516.00	
Stubb	1.00			4517.00	
Perforations	20.00			4537.00	
Change Over Sub	1.00			4538.00	
Blank Spacing	63.00			4601.00	
Change Over Sub	1.00			4602.00	
Recorder	0.00	13401	Outside	4602.00	
Bullnose	3.00			4605.00	91.00 Bottom Packers & Anchor
Total Tool Length:		187.00			



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DRILL STEM TEST REPORT

FLUID SUMMARY

Damar Resources Inc

Horacek A-1

234 W 11th St
Hays KS 67601

19 16 25 Ness KS

Job Ticket: 28338

DST#: 2

ATTN: Randy Killian

Test Start: 2007.06.11 @ 02:50:02

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 10.00 lb/gal

Viscosity: 67.00 sec/qt

Water Loss: 9.19 in³

Resistivity: ohm.m

Salinity: 2000.00 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

ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
150.00	GHOCM 10%G 40%O 50%M	1.849
0.00	180 GIP	0.000

Total Length: 150.00 ft

Total Volume: 1.849 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

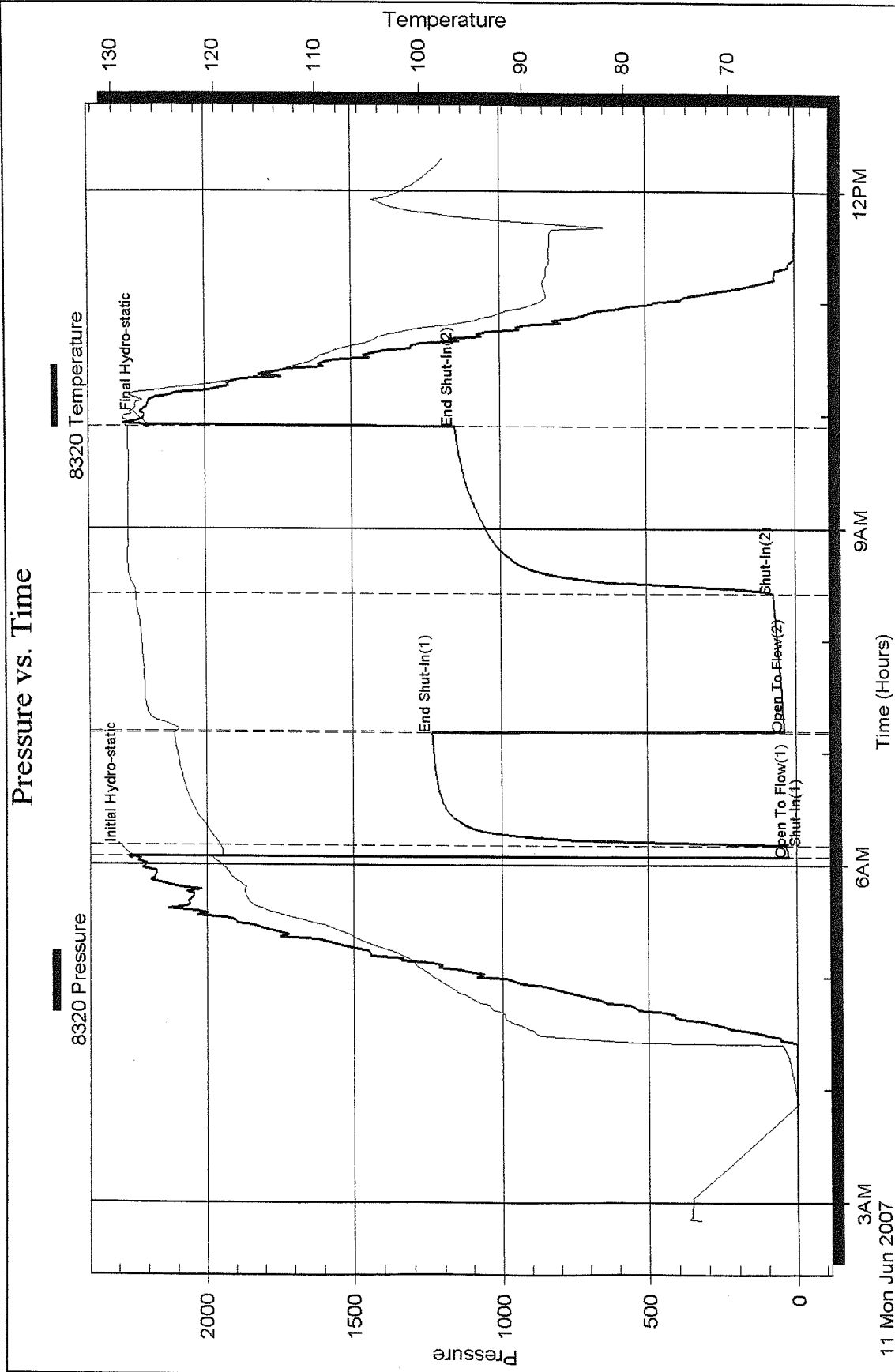
Serial #:

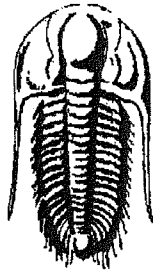
Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





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DRILL STEM TEST REPORT

Prepared For: **Damar Resources Inc**

234 W 11th St
Hays KS 67601

ATTN: Randy Killian

19 16 25 Ness KS

Horacek A-1

Start Date: 2007.06.11 @ 12:30:31

End Date: 2007.06.11 @ 19:39:46

Job Ticket #: 28339 DST #: 3

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Damar Resources Inc

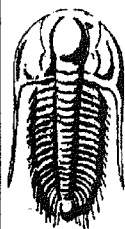
Horacek A-1

19 16 25 Ness KS

DST # 3

Miss

2007.06.11



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Damar Resources Inc

234 W 11th St
Hays KS 67601

ATTN: Randy Killian

Horacek A-1

19 16 25 Ness KS

Job Ticket: 28339

DST#: 3

Test Start: 2007.06.11 @ 12:30:31

GENERAL INFORMATION:

Formation: **Miss**

Deviated: **No** Whipstock: **ft (KB)**

Time Tool Opened: 14:29:16

Time Test Ended: 19:39:46

Test Type: Conventional Straddle

Tester: Tyson Flax

Unit No: 21

Interval: **4514.00 ft (KB) To 4538.00 ft (KB) (TVD)**

Total Depth: 4603.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2594.00 ft (KB)

2586.00 ft (CF)

KB to GR/CF: 8.00 ft

Serial #: **8320** Inside

Press@RunDepth: 26.25 psig @ 4517.00 ft (KB)

Start Date: 2007.06.11

End Date:

2007.06.11

Start Time: 12:30:33

End Time:

19:39:46

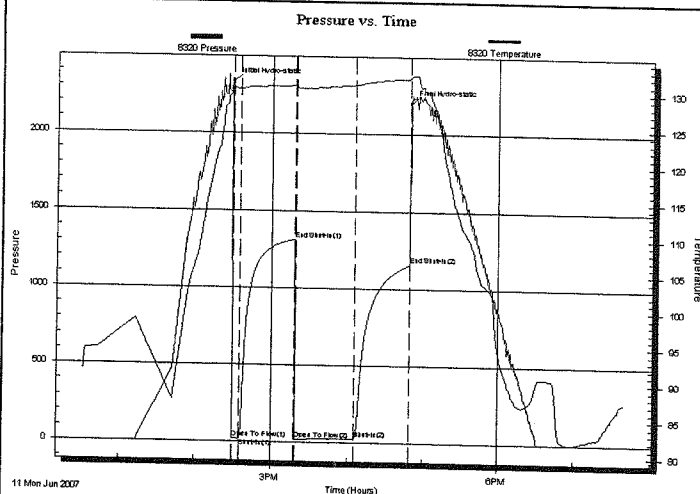
Capacity: 7000.00 psig

Last Calib.: 2007.06.11

Time On Btm: 2007.06.11 @ 14:29:01

Time Off Btm: 2007.06.11 @ 16:50:01

TEST COMMENT: IFP Weak surface blow built to 1/2 "
ISI No blow back
FFP Weak surface blow throughout
FSI No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2325.33	130.65	Initial Hydro-static
1	18.12	130.21	Open To Flow (1)
6	19.46	130.36	Shut-In (1)
50	1315.21	130.83	End Shut-In (1)
50	20.60	130.59	Open To Flow (2)
97	26.25	130.96	Shut-In (2)
141	1158.13	131.86	End Shut-In (2)
141	2196.55	132.19	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	SOCM 5%O 95%M	0.05

Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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DRILL STEM TEST REPORT

TOOL DIAGRAM

Damar Resources Inc

Horacek A-1

234 W 11th St
Hays KS 67601

19 16 25 Ness KS

Job Ticket: 28339

DST#: 3

ATTN: Randy Killian

Test Start: 2007.06.11 @ 12:30:31

Tool Information

Drill Pipe:	Length: 4471.00 ft	Diameter: 3.82 inches	Volume: 63.38 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 30.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose: 80000.00 lb
			Total Volume: 63.53 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	8.00 ft			String Weight: Initial 50000.00 lb
Depth to Top Packer:	4514.00 ft			Final 50000.00 lb
Depth to Bottom Packer:	4538.00 ft			
Interval between Packers:	24.00 ft			
Tool Length:	112.00 ft			
Number of Packers:	3	Diameter: 6.75 inches		
Tool Comments:				

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4494.00	
Shut In Tool	5.00			4499.00	
Hydraulic tool	5.00			4504.00	
Packer	5.00			4509.00	21.00 Bottom Of Top Packer
Packer	5.00			4514.00	
Stubb	1.00			4515.00	
Perforations	2.00			4517.00	
Recorder	0.00	8320	Inside	4517.00	
Perforations	18.00			4535.00	
Recorder	0.00	3351	Inside	4535.00	
Blank Off Sub	1.00			4536.00	
Stubb	2.00			4538.00	
Packer	2.00			4540.00	
Stubb	1.00			4541.00	24.00 Tool Interval
Packer	5.00			4546.00	
Change Over Sub	1.00			4547.00	
Blank Spacing	31.00			4578.00	
Change Over Sub	1.00			4579.00	
Perforations	23.00			4602.00	
Recorder	0.00	13401	Outside	4602.00	
Bullnose	3.00			4605.00	67.00 Bottom Packers & Anchor
Total Tool Length:		112.00			



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FLUID SUMMARY

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Horacek A-1

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19 16 25 Ness KS

Job Ticket: 28339

DST#: 3

ATTN: Randy Killian

Test Start: 2007.06.11 @ 12:30:31

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 10.00 lb/gal

Viscosity: 52.00 sec/qt

Water Loss: 9.18 in³

Resistivity: ohm.m

Salinity: 2000.00 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

ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	SOCM 5%O 95%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:

