



DRILL STEM TEST REPORT

Prepared For: **Damar Res.Inc.**

234 W 11th.St.
Hays KS 67601

ATTN: Curtis R.Longpine

16--14s--16w

MKB # 1

Start Date: 2005.10.19 @ 12:13:43

End Date: 2005.10.19 @ 20:31:43

Job Ticket #: 22268 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Damar Res.Inc.

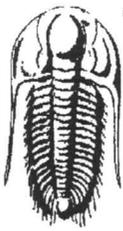
MKB # 1

16--14s--16w

DST # 1

Tor.-L.Kc.-A

2005.10.19



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Damar Res. Inc.

234 W 11th. St.
Hays KS 67601

ATTN: Curtis R. Longpine

MKB # 1

16-14s-16w

Job Ticket: 22268

DST#: 1

Test Start: 2005.10.19 @ 12:13:43

GENERAL INFORMATION:

Formation: **Tor.-L.Kc.-A**

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

Time Tool Opened: 13:59:43

Time Test Ended: 20:31:43

Test Type: **Conventional Bottom Hole**

Tester: **John Schmidt**

Unit No: **31**

Interval: **3082.00 ft (KB) To 3156.00 ft (KB) (TVD)**

Total Depth: **3156.00 ft (KB) (TVD)**

Hole Diameter: **7.88 inches** Hole Condition: **Fair**

Reference Elevations: **1914.00 ft (KB)**

1906.00 ft (CF)

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

Serial #: 8018

Inside

Press@RunDepth: **552.93 psig @ 3087.00 ft (KB)**

Start Date: **2005.10.19**

End Date: **2005.10.19**

Start Time: **12:13:48**

End Time: **20:31:42**

Capacity: **7000.00 psig**

Last Calib.: **2005.10.19**

Time On Btm: **2005.10.19 @ 13:58:43**

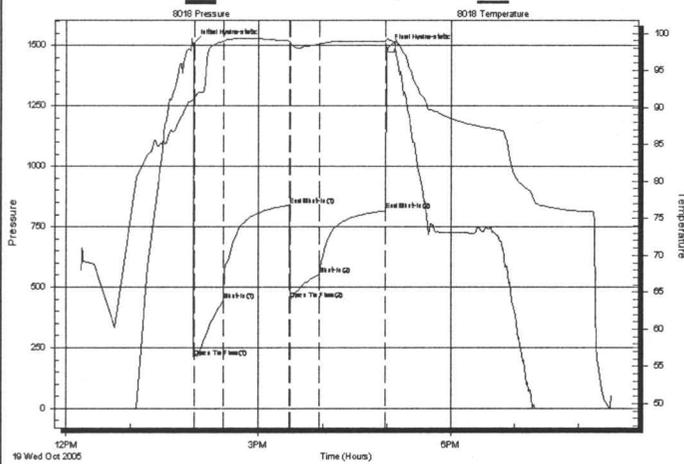
Time Off Btm: **2005.10.19 @ 16:59:43**

TEST COMMENT: **IF-Strong B.O.B. 1 min.
FF-Strong B.O.B. 1 min.**

**ISI-Strong B.O.B. 1 min.
FSI-Strong B.O.B. 2 min.**

Gas to sur

Pressure vs. Time



PRESSURE SUMMARY

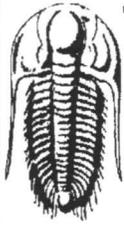
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1508.40	91.06	Initial Hydro-static
1	211.27	91.02	Open To Flow (1)
29	443.82	98.87	Shut-In(1)
90	838.58	98.96	End Shut-In(1)
91	448.37	98.71	Open To Flow (2)
119	552.93	98.52	Shut-In(2)
180	816.83	98.85	End Shut-In(2)
181	1488.68	99.28	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
1528.00	Gassy oil-40%gas-60%oil	21.15

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Damar Res. Inc.

MKB # 1

234 W 11th. St.
Hays KS 67601

16-14s-16w

Job Ticket: 22268

DST#: 1

ATTN: Curtis R Longpine

Test Start: 2005.10.19 @ 12:13:43

Tool Information

Drill Pipe:	Length: 3051.00 ft	Diameter: 3.80 inches	Volume: 42.80 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 31.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose: 46000.00 lb
			<u>Total Volume: 42.95 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	20.00 ft			String Weight: Initial 38000.00 lb
Depth to Top Packer:	3082.00 ft			Final 42000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	74.00 ft			
Tool Length:	94.00 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			3063.00	
Shut In Tool	5.00			3068.00	
Hydraulic tool	5.00			3073.00	
Packer	4.00			3077.00	20.00 Bottom Of Top Packer
Packer	5.00			3082.00	
Stubb	1.00			3083.00	
Perforations	3.00			3086.00	
Change Over Sub	1.00			3087.00	
Recorder	0.00	8018	Inside	3087.00	
Blank Spacing	30.00			3117.00	
Recorder	0.00	11084	Outside	3117.00	
Blank Spacing	30.00			3147.00	
Change Over Sub	1.00			3148.00	
Perforations	5.00			3153.00	
Bullnose	3.00			3156.00	74.00 Bottom Packers & Anchor

Total Tool Length: 94.00



**TRILOBITE
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DRILL STEM TEST REPORT

FLUID SUMMARY

Damar Res. Inc.

MKB # 1

234 W 11th. St.
Hays KS 67601

16-14s-16w

Job Ticket: 22268

DST#: 1

ATTN: Curtis R. Longpine

Test Start: 2005.10.19 @ 12:13:43

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

40 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 51.00 sec/qt

Cushion Volume:

bbl

Water Loss: 8.78 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 5000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
1528.00	Gassy oil-40%gas-60%oil	21.151

Total Length: 1528.00 ft Total Volume: 21.151 bbl

Num Fluid Samples: 0

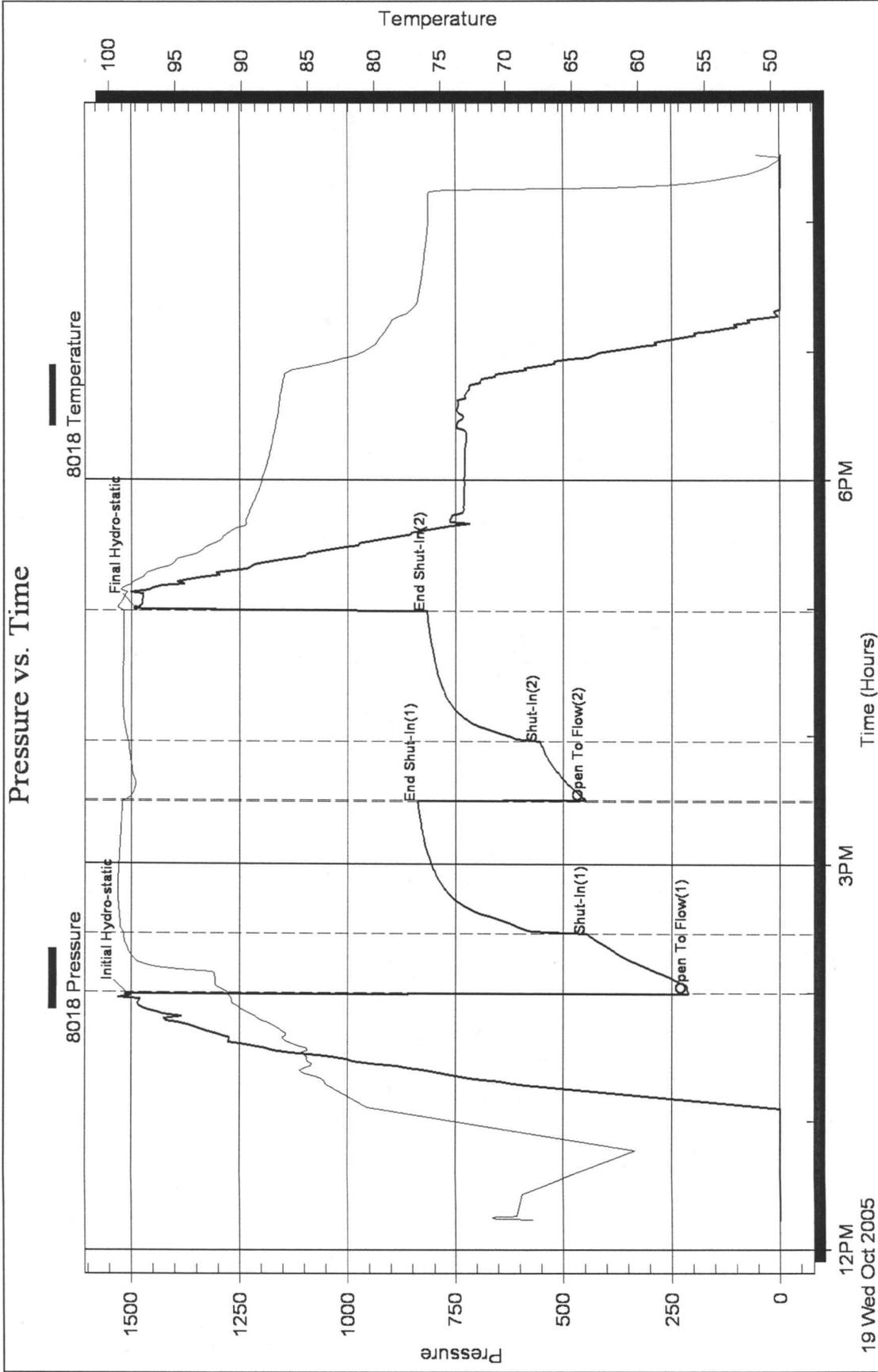
Num Gas Bombs: 0

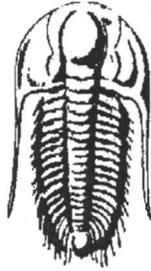
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





**TRILOBITE
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DRILL STEM TEST REPORT

Prepared For: **Damar Res.Inc.**

234 W 11th.St.
Hays KS 67601

ATTN: Curtis R.Longpine

16--14s--16w

MKB # 1

Start Date: 2005.10.20 @ 04:20:57

End Date: 2005.10.20 @ 11:12:27

Job Ticket #: 22269 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Damar Res.Inc.

MKB # 1

16--14s--16w

DST # 2

L.Kc.C&D

2005.10.20



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Damar Res. Inc.

234 W 11th. St.
Hays KS 67601

ATTN: Curtis R. Longpine

MKB # 1

16-14s-16w

Job Ticket: 22269

DST#: 2

Test Start: 2005.10.20 @ 04:20:57

GENERAL INFORMATION:

Formation: **L.Kc.C&D**

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

Time Tool Opened: 06:06:27

Time Test Ended: 11:12:27

Test Type: Conventional Bottom Hole

Tester: John Schmidt

Unit No: 31

Interval: **3156.00 ft (KB) To 3200.00 ft (KB) (TVD)**

Total Depth: 3200.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 1914.00 ft (KB)

1906.00 ft (CF)

KB to GR/CF: 8.00 ft

Serial #: 8018

Inside

Press@RunDepth: 112.24 psig @ 3161.00 ft (KB)

Start Date: 2005.10.20 End Date: 2005.10.20

Start Time: 04:21:02 End Time: 11:12:26

Capacity: 7000.00 psig

Last Calib.: 2005.10.20

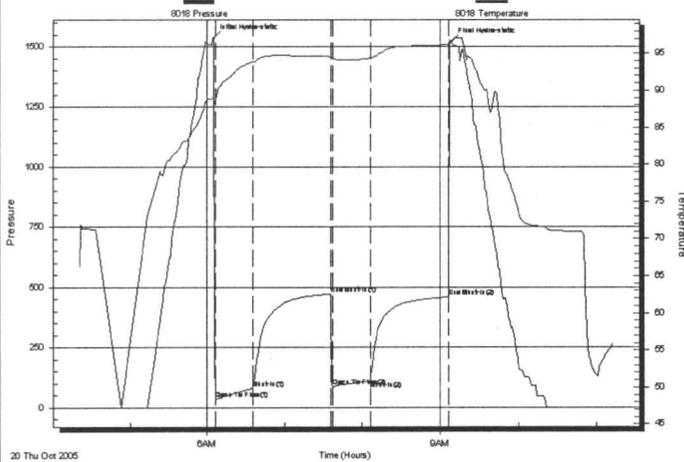
Time On Btm: 2005.10.20 @ 06:04:57

Time Off Btm: 2005.10.20 @ 09:08:27

TEST COMMENT: IF-Strong B.O.B.2 min. IS-2" blow back
FF-Strong B.O.B.1 min. G.T.S.in 20 min. FSI-Strong B.O.B.5 min.

Gas will burn.

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1537.00	89.00	Initial Hydro-static
2	35.94	88.64	Open To Flow (1)
30	79.31	93.82	Shut-In(1)
91	471.91	94.58	End Shut-In(1)
92	87.89	94.38	Open To Flow (2)
121	112.24	94.35	Shut-In(2)
182	458.57	96.18	End Shut-In(2)
184	1520.28	96.78	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
240.00	Frothy oil-20%G-25%M-55%oil	3.08
40.00	OCM-25%O-75%M	0.56

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Damar Res. Inc.

MKB # 1

234 W 11th. St.
Hays KS 67601

16-14s-16w

Job Ticket: 22269

DST#: 2

ATTN: Curtis R. Longpine

Test Start: 2005.10.20 @ 04:20:57

Tool Information

Drill Pipe:	Length: 3114.00 ft	Diameter: 3.80 inches	Volume: 43.68 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 31.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose: 55000.00 lb
			<u>Total Volume: 43.83 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	9.00 ft			String Weight: Initial 38000.00 lb
Depth to Top Packer:	3156.00 ft			Final 39000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	44.00 ft			
Tool Length:	64.00 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			3137.00	
Shut In Tool	5.00			3142.00	
Hydraulic tool	5.00			3147.00	
Packer	4.00			3151.00	20.00 Bottom Of Top Packer
Packer	5.00			3156.00	
Stubb	1.00			3157.00	
Perforations	3.00			3160.00	
Change Over Sub	1.00			3161.00	
Recorder	0.00	8018	Inside	3161.00	
Blank Spacing	30.00			3191.00	
Change Over Sub	1.00			3192.00	
Perforations	5.00			3197.00	
Recorder	0.00	13308	Outside	3197.00	
Bullnose	3.00			3200.00	44.00 Bottom Packers & Anchor

Total Tool Length: 64.00



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DRILL STEM TEST REPORT

FLUID SUMMARY

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MKB # 1

234 W 11th. St.
Hays KS 67601

16-14s-16w

Job Ticket: 22269

DST#: 2

ATTN: Curtis R. Longpine

Test Start: 2005.10.20 @ 04:20:57

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: 49.00 sec/qt

Cushion Volume:

bbl

Water Loss: 8.77 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 5000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
240.00	Frothy oil-20%G-25%M-55%oil	3.084
40.00	OCM-25%O-75%M	0.561

Total Length: 280.00 ft Total Volume: 3.645 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

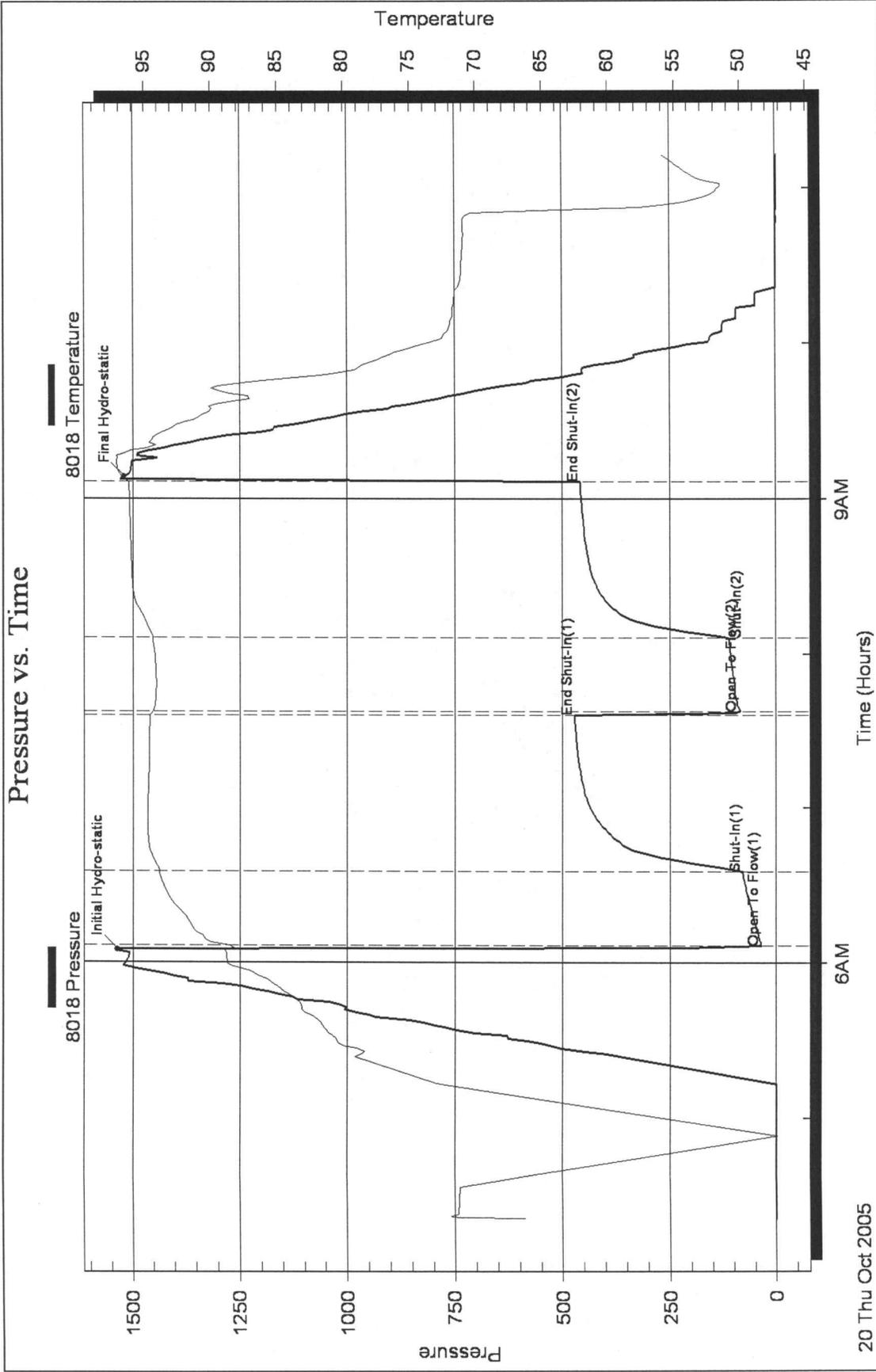
Serial #:

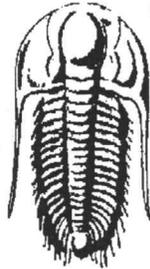
Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





**TRILOBITE
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DRILL STEM TEST REPORT

Prepared For: **Damar Res.Inc.**

234 W 11th.St.
Hays KS 67601

ATTN: Curtis R.Longpine

16--14s--16w

MKB # 1

Start Date: 2005.10.20 @ 18:24:38

End Date: 2005.10.21 @ 01:51:08

Job Ticket #: 22270 DST #: 3

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Damar Res.Inc.

MKB # 1

16--14s--16w

DST # 3

L.Kc.-E to G

2005.10.20



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Damar Res. Inc.

MKB # 1

234 W 11th. St.
Hays KS 67601

16-14s-16w

ATTN: Curtis R. Longpine

Job Ticket: 22270

DST#: 3

Test Start: 2005.10.20 @ 18:24:38

GENERAL INFORMATION:

Formation: **L.Kc.-E to G**

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

Time Tool Opened: 20:13:08

Time Test Ended: 01:51:08

Test Type: **Conventional Bottom Hole**

Tester: **John Schridt**

Unit No: **31**

Interval: **3195.00 ft (KB) To 3255.00 ft (KB) (TVD)**

Total Depth: **3255.00 ft (KB) (TVD)**

Hole Diameter: **7.88 inches** Hole Condition: **Fair**

Reference Elevations: **1914.00 ft (KB)**

1906.00 ft (CF)

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

Serial #: 8018

Inside

Press@RunDepth: **187.78 psig @ 3200.00 ft (KB)**

Start Date: **2005.10.20**

End Date:

2005.10.21

Start Time: **18:24:43**

End Time:

01:51:07

Capacity: **7000.00 psig**

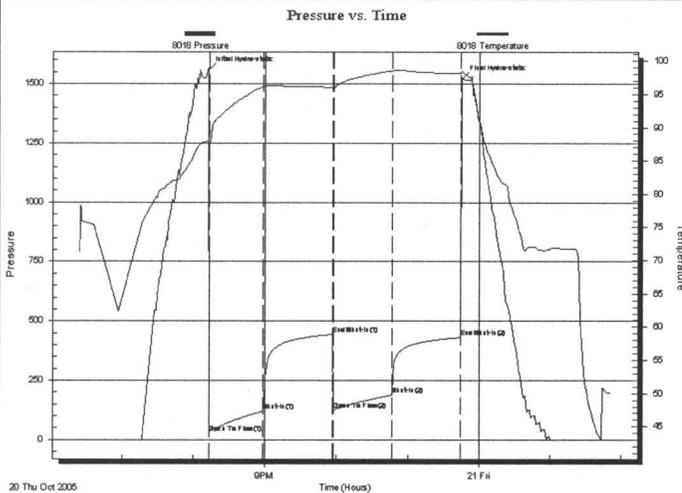
Last Calib.: **2005.10.21**

Time On Btm: **2005.10.20 @ 20:12:38**

Time Off Btm: **2005.10.20 @ 23:45:08**

TEST COMMENT: **IF-Strong B.O.B. 7 min.**
FF-Strong B.O.B. 13 min.

ISI-1" blow back.
FSI-Weak Surface 1/2" in.



PRESSURE SUMMARY

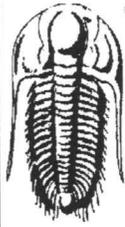
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1557.66	87.93	Initial Hydro-static
1	29.78	87.51	Open To Flow (1)
46	120.45	96.15	Shut-In(1)
105	443.94	96.06	End Shut-In(1)
105	126.04	95.95	Open To Flow (2)
154	187.78	98.51	Shut-In(2)
212	431.04	98.11	End Shut-In(2)
213	1519.55	98.46	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
310.00	S. Water	4.07
60.00	OCM-15%oil 85%mud	0.84
2.00	Clean oil	0.03
0.00	250-gas in pipe	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Damar Res. Inc.

MKB # 1

234 W 11th. St.
Hays KS 67601

16-14s-16w

Job Ticket: 22270

DST#: 3

ATTN: Curtis R. Longpine

Test Start: 2005.10.20 @ 18:24:38

Tool Information

Drill Pipe:	Length: 3175.00 ft	Diameter: 3.80 inches	Volume: 44.54 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 31.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose: 65000.00 lb
			<u>Total Volume: 44.69 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	31.00 ft			String Weight: Initial 38000.00 lb
Depth to Top Packer:	3195.00 ft			Final 39000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	60.00 ft			
Tool Length:	80.00 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			3176.00	
Shut In Tool	5.00			3181.00	
Hydraulic tool	5.00			3186.00	
Packer	4.00			3190.00	20.00 Bottom Of Top Packer
Packer	5.00			3195.00	
Stubb	1.00			3196.00	
Perforations	3.00			3199.00	
Change Over Sub	1.00			3200.00	
Recorder	0.00	8018	Inside	3200.00	
Perforations	16.00			3216.00	
Recorder	0.00	11084	Outside	3216.00	
Blank Spacing	30.00			3246.00	
Change Over Sub	1.00			3247.00	
Perforations	5.00			3252.00	
Bullnose	3.00			3255.00	60.00 Bottom Packers & Anchor

Total Tool Length: 80.00



**TRILOBITE
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DRILL STEM TEST REPORT

FLUID SUMMARY

Damar Res. Inc.

MKB # 1

234 W 11th. St.
Hays KS 67601

16-14s-16w

Job Ticket: 22270

DST#: 3

ATTN: Curtis R. Longpine

Test Start: 2005.10.20 @ 18:24:38

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:

55000 ppm

Viscosity: 46.00 sec/qt

Cushion Volume:

bbl

Water Loss: 10.58 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 5000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
310.00	S. Water	4.066
60.00	OCM-15%oil 85%mud	0.842
2.00	Clean oil	0.028
0.00	250-gas in pipe	0.000

Total Length: 372.00 ft Total Volume: 4.936 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



DRILL STEM TEST REPORT

Prepared For: **Damar Res.Inc.**

234 W 11th.St.
Hays KS 67601

ATTN: Curtis R.Longpine

16--14s--16w

MKB # 1

Start Date: 2005.10.21 @ 11:40:21

End Date: 2005.10.21 @ 18:36:51

Job Ticket #: 22271 DST #: 4

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Damar Res.Inc.

MKB # 1

16--14s--16w

DST # 4

L.Kc-H,I,J,K

2005.10.21



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Damar Res. Inc.

234 W 11th. St.
Hays KS 67601

ATTN: Curtis R. Longpine

MKB # 1

16-14s-16w

Job Ticket: 22271

DST#: 4

Test Start: 2005.10.21 @ 11:40:21

GENERAL INFORMATION:

Formation: **L.Kc.-H,I,J,K**

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

Time Tool Opened: 13:26:21

Time Test Ended: 18:36:51

Test Type: **Conventional Bottom Hole**

Tester: **John Schmidt**

Unit No: **31**

Interval: **3268.00 ft (KB) To 3361.00 ft (KB) (TVD)**

Total Depth: **3156.00 ft (KB) (TVD)**

Hole Diameter: **7.88 inches** Hole Condition: **Fair**

Reference Elevations: **1914.00 ft (KB)**

1906.00 ft (CF)

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

Serial #: 8018

Inside

Press@RunDepth: **41.89 psig @ 3273.00 ft (KB)**

Start Date: **2005.10.21**

End Date: **2005.10.21**

Start Time: **11:40:26**

End Time: **18:36:50**

Capacity: **7000.00 psig**

Last Calib.: **1899.12.30**

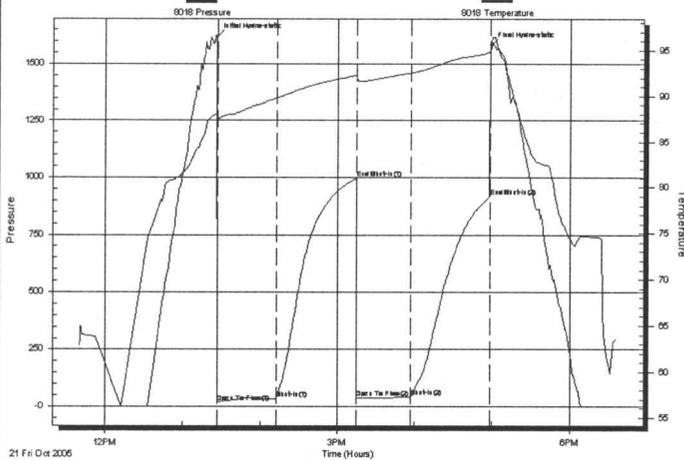
Time On Btm: **2005.10.21 @ 13:25:51**

Time Off Btm: **2005.10.21 @ 16:58:21**

TEST COMMENT: IF-Weak built to 3&1/2" in.
FF-Weak built to 1&1/2" in.

ISI-Dead
FSI-Dead

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1618.51	87.98	Initial Hydro-static
1	16.74	87.59	Open To Flow (1)
47	34.36	89.78	Shut-In(1)
109	994.41	92.27	End Shut-In(1)
109	37.85	91.92	Open To Flow (2)
151	41.89	92.55	Shut-In(2)
212	916.12	94.81	End Shut-In(2)
213	1581.42	95.00	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	muddy salt water 50% water 50% mud	0.56
0.00	.21@60= 40000	0.00

Gas Rates

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Damar Res. Inc.

MKB # 1

234 W 11th. St.
Hays KS 67601

16-14s-16w

Job Ticket: 22271

DST#: 4

ATTN: Curtis R. Longpine

Test Start: 2005.10.21 @ 11:40:21

Tool Information

Drill Pipe:	Length: 3234.00 ft	Diameter: 3.80 inches	Volume: 45.36 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 31.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose: 44000.00 lb
			<u>Total Volume: 45.51 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	17.00 ft			String Weight: Initial 38000.00 lb
Depth to Top Packer:	3268.00 ft			Final 38000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	93.00 ft			
Tool Length:	113.00 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			3249.00	
Shut In Tool	5.00			3254.00	
Hydraulic tool	5.00			3259.00	
Packer	4.00			3263.00	20.00 Bottom Of Top Packer
Packer	5.00			3268.00	
Stubb	1.00			3269.00	
Perforations	3.00			3272.00	
Change Over Sub	1.00			3273.00	
Recorder	0.00	8018	Inside	3273.00	
Blank Spacing	63.00			3336.00	
Change Over Sub	1.00			3337.00	
Recorder	0.00	11084	Outside	3337.00	
Perforations	21.00			3358.00	
Bullnose	3.00			3361.00	93.00 Bottom Packers & Anchor

Total Tool Length: 113.00



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Damar Res. Inc.

MKB # 1

234 W 11th. St.
Hays KS 67601

16-14s-16w

Job Ticket: 22271

DST#: 4

ATTN: Curtis R. Longpine

Test Start: 2005.10.21 @ 11:40:21

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:	40000 ppm
Viscosity: 45.00 sec/qt	Cushion Volume: bbl		
Water Loss: 10.39 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 10000.00 ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	muddy salt water 50% water 50% mud	0.559
0.00	.21@60= 40000	0.000

Total Length: 60.00 ft Total Volume: 0.559 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 8018

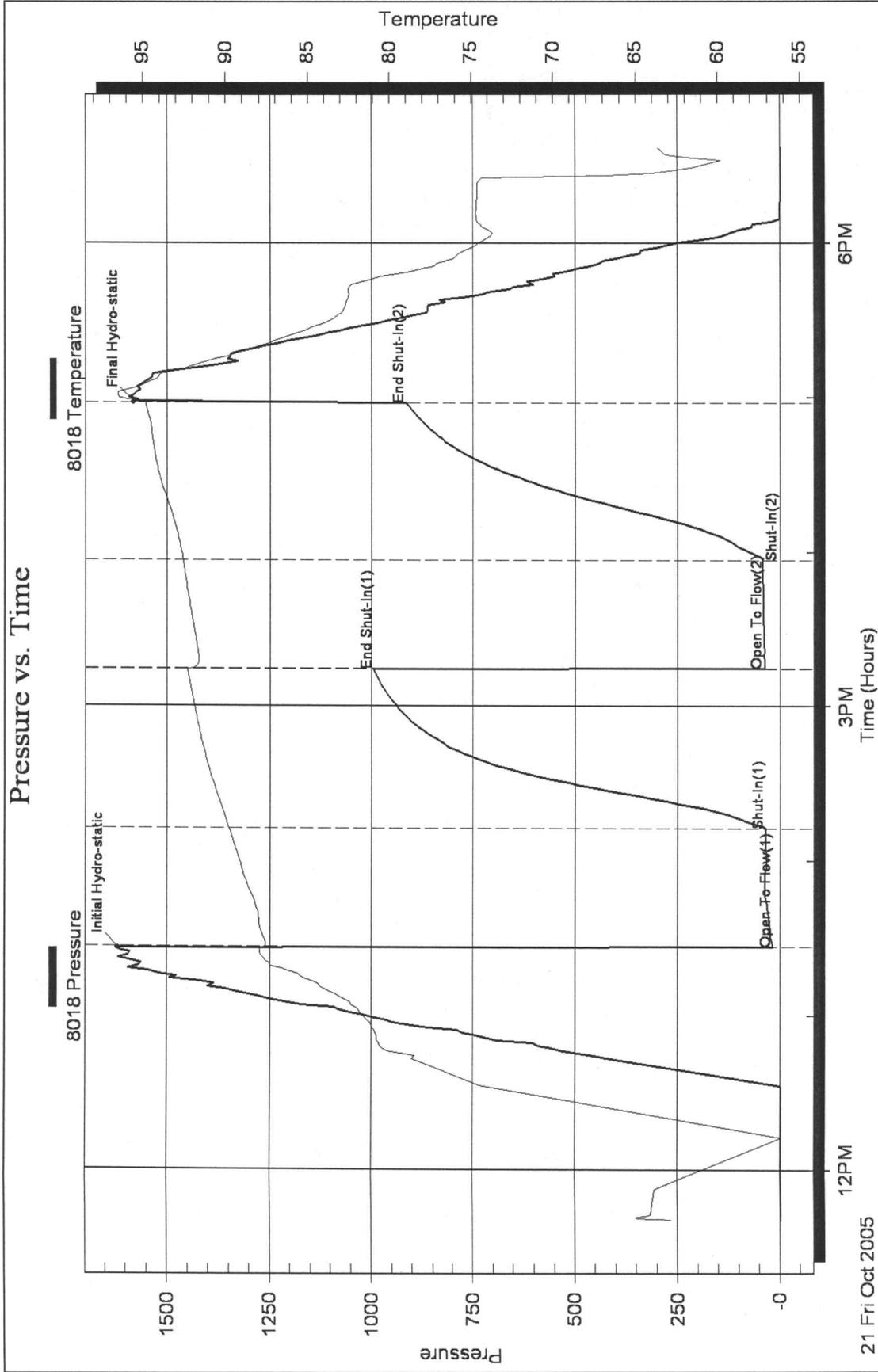
Inside

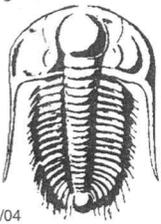
Damar Res. Inc.

16-14s-16w

DST Test Number: 4

Pressure vs. Time





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

8039

No 22268

9/04

Test Ticket

Well Name & No. MKB #1 Test No. #1 Date 10-19-05
 Company DAMAR RESOURCES, INC. Zone Tested TOP - L. K. A.
 Address 234 W. 11TH ST. HAYS, KS 67601 Elevation 1914 KB 1906 GL
 Co. Rep / Geo. RANDY KILIAN Cont. DISCOVERY #3 Est. Ft. of Pay _____ Por. _____ %
 Location: Sec. 16 Twp. 14^s Rge. 16^w Co. ELLIS State KS
 No. of Copies _____ Distribution Sheet (Y, N) _____ Turnkey (Y, N) _____ Evaluation (Y, N) _____

Interval Tested 3082 TO 3156 Initial Str Wt./Lbs. 38,000 Unseated Str Wt./Lbs. 42,000
 Anchor Length 74' Wt. Set Lbs. 25,000 Wt. Pulled Loose/Lbs. 46,000
 Top Packer Depth 3077 Tool Weight 2,000
 Bottom Packer Depth 3082 Hole Size 7 7/8" ✓ Rubber Size 6 3/4" ✓
 Total Depth _____ Wt. Pipe Run 0 Drill Collar Run 31
 Mud Wt. 8.9 LCM 1/8" Vis. 51 WL 8.8 Drill Pipe Size 4 1/2 XH Ft. Run 3052
 Blow Description IF - STRONG B.O.B 1-MIN. FSI - STRONG B.O.B 1-MIN.
FF - STRONG B.O.B, 1-MIN. FSF - STRONG B.O.B, 2-MIN

GAS TO SURFACE 30-MIN (WILL BURN)

Recovery - Total Feet 1528' GIP G.T.S 30-min Ft. in DC 31 Ft. in DP 1497
 Rec. 1528 Feet of GASSY OIL 40 %gas 60 %oil %water %mud
 Rec. _____ Feet of _____ %gas %oil %water %mud
 Rec. _____ Feet of _____ %gas %oil %water %mud
 Rec. _____ Feet of _____ %gas %oil %water %mud
 Rec. _____ Feet of _____ %gas %oil %water %mud
 BHT 98 °F Gravity 40 °API D @ 60° °F Corrected Gravity 40 °API
 RW _____ @ _____ °F Chlorides _____ ppm Recovery _____ Chlorides 5,000 ppm System

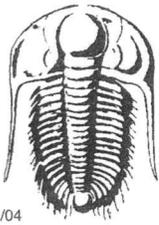
	AK-1	Alpine	Recorder No.	Test
(A) Initial Hydrostatic Mud		<u>1508</u> PSI	<u>8018</u>	<u>B. HOLE 1000</u>
(B) First Initial Flow Pressure		<u>211</u> PSI	(depth) <u>3087</u>	Jars _____
(C) First Final Flow Pressure		<u>443</u> PSI	Recorder No. <u>11084</u>	Safety Jt. _____
(D) Initial Shut-In Pressure		<u>838</u> PSI	(depth) <u>3117</u>	Circ Sub <input checked="" type="checkbox"/> <u>35"</u>
(E) Second Initial Flow Pressure		<u>448</u> PSI	Recorder No. _____	Sampler _____
(F) Second Final Flow Pressure		<u>552</u> PSI	(depth) _____	Straddle _____
(G) Final Shut-In Pressure		<u>816</u> PSI	Initial Opening <u>30</u>	Ext. Packer _____
(Q) Final Hydrostatic Mud		<u>1488</u> PSI	Initial Shut-In <u>60</u>	Shale Packer _____
			Final Flow <u>30</u>	Ruined Packer _____
			Final Shut-In <u>60</u>	Mileage <u>R.T. 30</u> <u>30</u>
			T-On Location <u>10:45</u>	Sub Total: <u>1065</u>
			T-Started <u>12:13</u>	Std. By <u>1.75</u> <u>87.50</u>
			T-Open <u>13:59</u>	Other _____
			T-Pulled <u>16:59</u>	Total: <u>1152.50</u>
			T-Out <u>20:31</u>	

TRILOBITE TESTING INC. SHALL NOT BE LIABLE FOR DAMAGED OF ANY KIND OF THE PROPERTY OR PERSONNEL OF THE ONE FOR WHOM A TEST IS MADE, OR FOR ANY LOSS SUFFERED OR SUSTAINED, DIRECTLY OR INDIRECTLY, THROUGH THE USE OF ITS EQUIPMENT, OR ITS STATEMENTS OR OPINION CONCERNING THE RESULTS OF ANY TEST. TOOLS LOST OR DAMAGED IN THE HOLE SHALL BE PAID FOR AT COST BY THE PARTY FOR WHOM THE TEST IS MADE.

Approved By _____

Our Representative John Schmidt

9:46



TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

No 22269

Test Ticket

Well Name & No. MKB #1 Test No. #2 Date 10-20-05
 Company DAMAR RESOURCES, INC. Zone Tested like C+D
 Address _____ Elevation 1914 ~~1780~~ KB 1906 ~~1777~~ GL
 Co. Rep / Geo. RANDY KILIAN Cont. DISCOVERY #3 Est. Ft. of Pay _____ Por. _____ %
 Location: Sec. 16 Twp. 14S Rge. 16W Co. ELLIS State KS
 No. of Copies _____ Distribution Sheet (Y, N) _____ Turnkey (Y, N) _____ Evaluation (Y, N) _____

Interval Tested 3156 TO 3200 Initial Str Wt./Lbs. 38,000 Unseated Str Wt./Lbs. 39,000
 Anchor Length 44 Wt. Set Lbs. 25,000 Wt. Pulled Loose/Lbs. 55,000
 Top Packer Depth 3151 Tool Weight 2,000
 Bottom Packer Depth 3156 Hole Size 7 7/8" Rubber Size 6 3/4"
 Total Depth 3200 Wt. Pipe Run 0 Drill Collar Run 31
 Mud Wt. 8.9 LCM 1/8# Vis. 49 WL 8.8 Drill Pipe Size 4 1/2 XH Ft. Run 3114
 Blow Description IF - STRONG B.O.B. 2-MIN. ISF - 2" BLOCK BACK
FF - STRONG B.O.B. 1-MIN G.T.S. IN 20 MIN 2ND OPEN FSI - STRONG
B.O.B. 5-MIN.

GAS WILL BURN

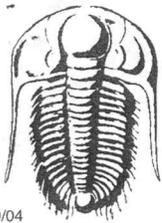
Recovery - Total Feet 280 GIP G.T.S Ft. in DC 31' Ft. in DP 249'
 Rec. 240 Feet of FROTHY OIL 20% gas 55% oil %water 25% mud
 Rec. 40 Feet of OCM %gas 25% oil %water 7.5% mud
 Rec. _____ Feet of _____ %gas _____ %oil %water _____ %mud
 Rec. _____ Feet of _____ %gas _____ %oil %water _____ %mud
 Rec. _____ Feet of _____ %gas _____ %oil %water _____ %mud
 BHT 96 °F Gravity _____ °API D @ _____ °F Corrected Gravity _____ °API
 RW _____ @ _____ °F Chlorides _____ ppm Recovery _____ Chlorides 5,000 ppm System

AK-1	Alpine	Recorder No.	Test
(A) Initial Hydrostatic Mud	<u>1537</u> PSI	<u>8018</u>	<u>B. HOLE 1000</u>
(B) First Initial Flow Pressure	<u>35</u> PSI	(depth) <u>3161</u>	Jars _____
(C) First Final Flow Pressure	<u>79</u> PSI	Recorder No. <u>13308</u>	Safety Jt. _____
(D) Initial Shut-In Pressure	<u>471</u> PSI	(depth) <u>3197</u>	Circ Sub _____
(E) Second Initial Flow Pressure	<u>87</u> PSI	Recorder No. _____	Sampler _____
(F) Second Final Flow Pressure	<u>112</u> PSI	(depth) _____	Straddle _____
(G) Final Shut-In Pressure	<u>458</u> PSI	Initial Opening <u>30</u>	Ext. Packer _____
(Q) Final Hydrostatic Mud	<u>1520</u> PSI	Initial Shut-In <u>60</u>	Shale Packer _____
		Final Flow <u>30</u>	Ruined Packer _____
		Final Shut-In <u>60</u>	Mileage <u>RT. 30</u> <u>30</u>
		T-On Location <u>03:45</u>	Sub Total: <u>1030</u>
		T-Started <u>04:20</u>	Std. By _____
		T-Open <u>06:06</u>	Other _____
		T-Pulled <u>09:08</u>	Total: _____
		T-Out <u>11:12</u>	

Approved By _____

Our Representative John J. Schmidt

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TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

No 22270

Test Ticket

Well Name & No. MKB #1 Test No. #3 Date 10-20-05
 Company DAMAR RESOURCES, INC. Zone Tested L. K₂ - E to G
 Address _____ Elevation 1914 KB 1906 GL _____
 Co. Rep / Geo. RANDY KILIAN Cont. DISCOVERY #3 Est. Ft. of Pay _____ Por. _____ %
 Location: Sec. 16 Twp. 14S Rge. 16W Co. ELLIS State KS.
 No. of Copies _____ Distribution Sheet (Y, N) _____ Turnkey (Y, N) _____ Evaluation (Y, N) _____

Interval Tested 3195 to 3255 Initial Str Wt./Lbs. 38,000 Unseated Str Wt./Lbs. 39,000
 Anchor Length 60' Wt. Set Lbs. 25,000 Wt. Pulled Loose/Lbs. 65,000
 Top Packer Depth 3190 Tool Weight 2,000
 Bottom Packer Depth 3195 Hole Size 7 7/8" Rubber Size 6 3/4"
 Total Depth 3255 Wt. Pipe Run 0 Drill Collar Run 31
 Mud Wt. 9.2 LCM TR. Vis. 46 WL 11.4 Drill Pipe Size 4 1/2 XH Ft. Run 3175
 Blow Description IF-STRONG B.O.B. 7-MIN. FSI-1"-BLOWBACK
FF-STRONG B.O.B. 13-MIN. FSI.-WEAR SURFACE 1/2" IN.

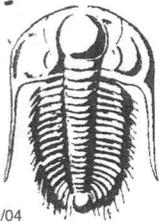
Recovery - Total Feet	GIP	Ft. in DC	Ft. in DP
<u>372</u>	<u>250'</u>	<u>31</u>	<u>341</u>
Rec. <u>310</u>	Feet of <u>S. WATER</u>	%gas _____ %oil _____	%water _____ %mud _____
Rec. <u>60</u>	Feet of <u>OCM</u>	%gas _____ %oil <u>15%</u>	%water _____ %mud <u>85%</u>
Rec. <u>2</u>	Feet of <u>CLEAN OIL</u>	%gas _____ %oil _____	%water _____ %mud _____
Rec. _____	Feet of _____	%gas _____ %oil _____	%water _____ %mud _____
Rec. _____	Feet of _____	%gas _____ %oil _____	%water _____ %mud _____
BHT <u>98</u>	°F Gravity _____	°API D @ _____	°F Corrected Gravity _____ °API _____
RW <u>.2</u>	@ <u>48</u> °F	Chlorides <u>55,000</u> ppm Recovery _____	Chlorides <u>9,000</u> ppm System _____

(A) Initial Hydrostatic Mud	AK-1	Alpine	Recorder No.	Test
(B) First Initial Flow Pressure		1557 PSI	<u>8018</u>	<u>B. HOLE</u> <u>1000</u>
(C) First Final Flow Pressure		29 PSI	(depth) <u>3200</u>	Jars _____
(D) Initial Shut-In Pressure		120 PSI	Recorder No. <u>11084</u>	Safety Jt. _____
(E) Second Initial Flow Pressure		443 PSI	(depth) <u>3246</u>	Circ Sub _____
(F) Second Final Flow Pressure		126 PSI	Recorder No. _____	Sampler _____
(G) Final Shut-In Pressure		187 PSI	(depth) _____	Straddle _____
(Q) Final Hydrostatic Mud		431 PSI	Initial Opening <u>45</u>	Ext. Packer _____
		1519 PSI	Initial Shut-In <u>60</u>	Shale Packer _____
			Final Flow <u>45</u>	Ruined Packer _____
			Final Shut-In <u>60</u>	Mileage <u>RT. 30</u> <u>30</u>

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Approved By _____
 Our Representative John J. Schmidt

T-On Location	T-Started	T-Open	T-Pulled	T-Out
<u>17:45</u>	<u>18:24</u>	<u>20:13</u>	<u>23:45</u>	<u>01:51</u>
Sub Total: _____	Std. By _____	Other _____	Total: _____	



TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

No 22271

Test Ticket

Well Name & No. MKB #1 Test No. #4 Date 10-21-05
 Company DAMAR RES, INC. Zone Tested LKC-HJK
 Address _____ Elevation 1914 KB 1906 GL _____
 Co. Rep / Geo. RANDY KILIAN Cont. DISCOVERY #3 Est. Ft. of Pay _____ Por. _____ %
 Location: Sec. 16 Twp. 14S Rge. 16W Co. ELLIS State KS
 No. of Copies _____ Distribution Sheet (Y, N) _____ Turnkey (Y, N) _____ Evaluation (Y, N) _____

Interval Tested 3268 To 3361 Initial Str Wt./Lbs. 38,000 Unseated Str Wt./Lbs. 38,000
 Anchor Length 9.3' Wt. Set Lbs. 25,000 Wt. Pulled Loose/Lbs. 44,000
 Top Packer Depth 3263 Tool Weight 2,000
 Bottom Packer Depth 3268 Hole Size 7 7/8" ✓ Rubber Size 6 3/4" ✓
 Total Depth 3361 Wt. Pipe Run 0 Drill Collar Run 31
 Mud Wt. 9.1 LCM 1/2# Vis. 45 WL 10.4 Drill Pipe Size 4 1/2 XH Ft. Run 3234
 Blow Description IF-WEAK BUILT TO 3 1/2" IN. ISI-DEAD
FF-WEAK BUILT TO 1 1/2" IN. FSI-DEAD

Recovery - Total Feet 60 GIP 0 Ft. in DC 31 Ft. in DP 29
 Rec. 60 Feet of MUDDY S.W. %gas _____ %oil _____ %water 50 %mud 50
 Rec. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud _____
 Rec. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud _____
 Rec. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud _____
 Rec. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud _____
 BHT _____ °F Gravity _____ °API D @ _____ °F Corrected Gravity _____ °API
 RW .21 @ 60 °F Chlorides 40,000 ppm Recovery _____ Chlorides 10,000 ppm System

(A) Initial Hydrostatic Mud _____	AK-1	Alpine	PSI	Recorder No. <u>8018</u>	Test <u>B. HOLE 1000</u>
(B) First Initial Flow Pressure _____			PSI	(depth) <u>3273</u>	Jars _____
(C) First Final Flow Pressure _____			PSI	Recorder No. <u>11084</u>	Safety Jt. _____
(D) Initial Shut-In Pressure _____			PSI	(depth) <u>3337</u>	Circ Sub _____
(E) Second Initial Flow Pressure _____			PSI	Recorder No. _____	Sampler _____
(F) Second Final Flow Pressure _____			PSI	(depth) _____	Straddle _____
(G) Final Shut-In Pressure _____			PSI	Initial Opening <u>45</u>	Ext. Packer _____
(Q) Final Hydrostatic Mud _____			PSI	Initial Shut-In <u>60</u>	Shale Packer _____
				Final Flow <u>45</u>	Ruined Packer _____
				Final Shut-In <u>60</u>	Mileage <u>RT. 30</u>
				T-On Location <u>11:15</u>	Sub Total: _____ <u>1030</u>
				T-Started <u>11:40</u>	Std. By _____
				T-Open <u>13:26</u>	Other _____
				T-Pulled <u>16:58</u>	Total: _____
				T-Out <u>18:36</u>	

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Approved By _____
 Our Representative John F. Schmidt