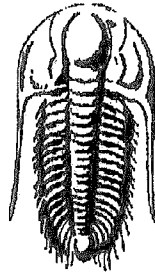


15-135-25167

26-20s-24w

IND



**TRILOBITE**  
**TESTING, INC.**

### DRILL STEM TEST REPORT

Prepared For: **DaMar Resources, Inc.**

234 W 11th STE A  
PO Box 70  
Hays, KS 67601

ATTN: Jim Musgrove

**26-20s-24w Ness KS**

**Evel Unit #1**

Start Date: 2010.09.22 @ 03:25:00

End Date: 2010.09.22 @ 14:07:30

Job Ticket #: 38433                      DST #: 1

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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

RECEIVED

FEB 09 2011

KCC WICHITA

DaMar Resources, Inc.

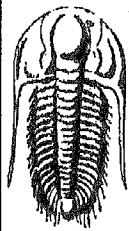
Evel Unit #1

26-20s-24w Ness KS

DST # 1

Fort Scott

2010.09.22



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

DaMar Resources, Inc.

Evel Unit #1

234 W 11th STE A  
PO Box 70  
Hays, KS 67601  
ATTN: Jim Musgrove

26-20s-24w Ness KS

Job Ticket: 38433

DST#: 1

Test Start: 2010.09.22 @ 03:25:00

## GENERAL INFORMATION:

Formation: **Fort Scott**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 05:53:30

Time Test Ended: 14:07:30

Test Type: Conventional Bottom Hole

Tester: James Winder

Unit No: 46

Interval: 4231.00 ft (KB) To 4280.00 ft (KB) (TVD)

Reference Elevations: 2269.00 ft (KB)

Total Depth: 4280.00 ft (KB) (TVD)

2264.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

Serial #: 8366

Inside

Press@RunDepth: 720.93 psig @ 4232.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2010.09.22 End Date: 2010.09.22

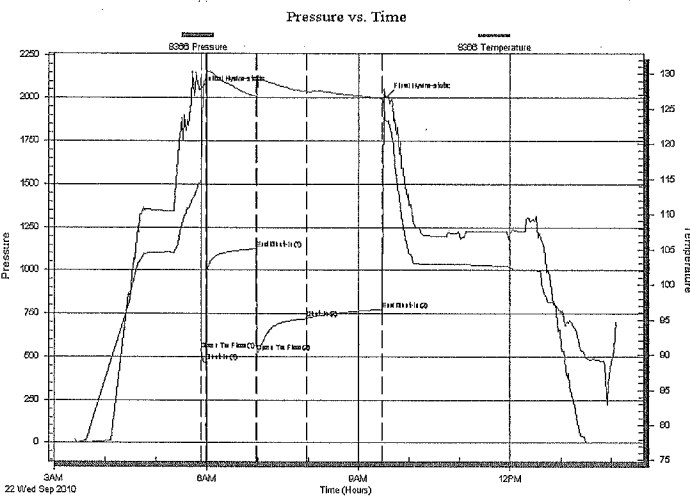
Last Calib.: 2010.09.22

Start Time: 03:25:05 End Time: 14:07:30

Time On Btm: 2010.09.22 @ 05:51:30

Time Off Btm: 2010.09.22 @ 09:34:00

**TEST COMMENT:** IF: Blow built to BOB in 25 sec.  
IS: Bled off for 10 min., Blow back built from 2" to BOB in 1 min.  
FF: Blow built to BOB in 40 sec., Gas: TSTG  
FS: Bled off for 10 min., Blow back built from 3" to



## PRESSURE SUMMARY

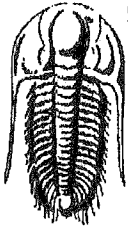
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2049.79	114.41	Initial Hydro-static
2	541.23	114.19	Open To Flow (1)
7	473.48	129.34	Shut-In(1)
67	1126.45	126.71	End Shut-In(1)
68	527.54	126.85	Open To Flow (2)
126	720.93	127.48	Shut-In(2)
218	775.60	126.51	End Shut-In(2)
223	2006.31	123.29	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
59.00	GMO 58%g, 25%o, 17%m	0.29
63.00	GOCM 66%m, 25%o, 9%g	0.88
2413.00	Reversed out CGO 22%g 77%o, 1%m	33.85
30.00	CGO 60%o, 40%g	0.42
0.00	GIP = 1648	0.00

## Gas Rates

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



**TRILOBITE  
TESTING, INC**

## DRILL STEM TEST REPORT

**TOOL DIAGRAM**

DaMar Resources, Inc.

**Eve1 Unit #1**

234 W 11th STE A  
PO Box 70  
Hays, KS 67601  
ATTN: Jim Musgrove

**26-20s-24w Ness KS**

Job Ticket: 38433

**DST#: 1**

Test Start: 2010.09.22 @ 03:25:00

### Tool Information

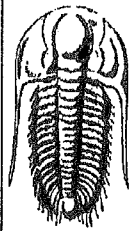
Drill Pipe:	Length: 4154.00 ft	Diameter: 3.80 inches	Volume: 58.27 bbl	Tool Weight: 3000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 59.00 ft	Diameter: 2.25 inches	Volume: 0.29 bbl	Weight to Pull Loose: 59000.00 lb
			<u>Total Volume: 58.56 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	10.00 ft			String Weight: Initial 52000.00 lb
Depth to Top Packer:	4231.00 ft			Final 58000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	49.00 ft			
Tool Length:	77.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

### Tool Comments:

Dropped Bar and reversed out

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			4208.00	
Hydraulic tool	5.00			4213.00	
Jars	5.00			4218.00	
Safety Joint	3.00			4221.00	
Packer	5.00			4226.00	28.00 Bottom Of Top Packer
Packer	5.00			4231.00	
Stubb	1.00			4232.00	
Recorder	0.00	8366	Inside	4232.00	
Recorder	0.00	8320	Inside	4232.00	
Perforations	10.00			4242.00	
Blank Spacing	33.00			4275.00	
Perforations	2.00			4277.00	
Bullnose	3.00			4280.00	49.00 Bottom Packers & Anchor

**Total Tool Length: 77.00**



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

DaMar Resources, Inc.

**Evel Unit #1**

234 W 11th STE A

**26-20s-24w Ness KS**

PO Box 70

Job Ticket: 38433

**DST#: 1**

Hays, KS 67601

Test Start: 2010.09.22 @ 03:25:00

ATTN: Jim Musgrove

## Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

36.4 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 54.00 sec/qt

Cushion Volume:

bbf

Water Loss: 10.16 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3000.00 ppm

Filter Cake: 1.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbf
59.00	GMO 58%g, 25%o, 17%m	0.290
63.00	GOCM 66%m, 25%o, 9%g	0.884
2413.00	Reversed out CGO 22%g 77%o, 1%m	33.848
30.00	CGO 60%o, 40%g	0.421
0.00	GIP = 1648	0.000

Total Length: 2565.00 ft      Total Volume: 35.443 bbf

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

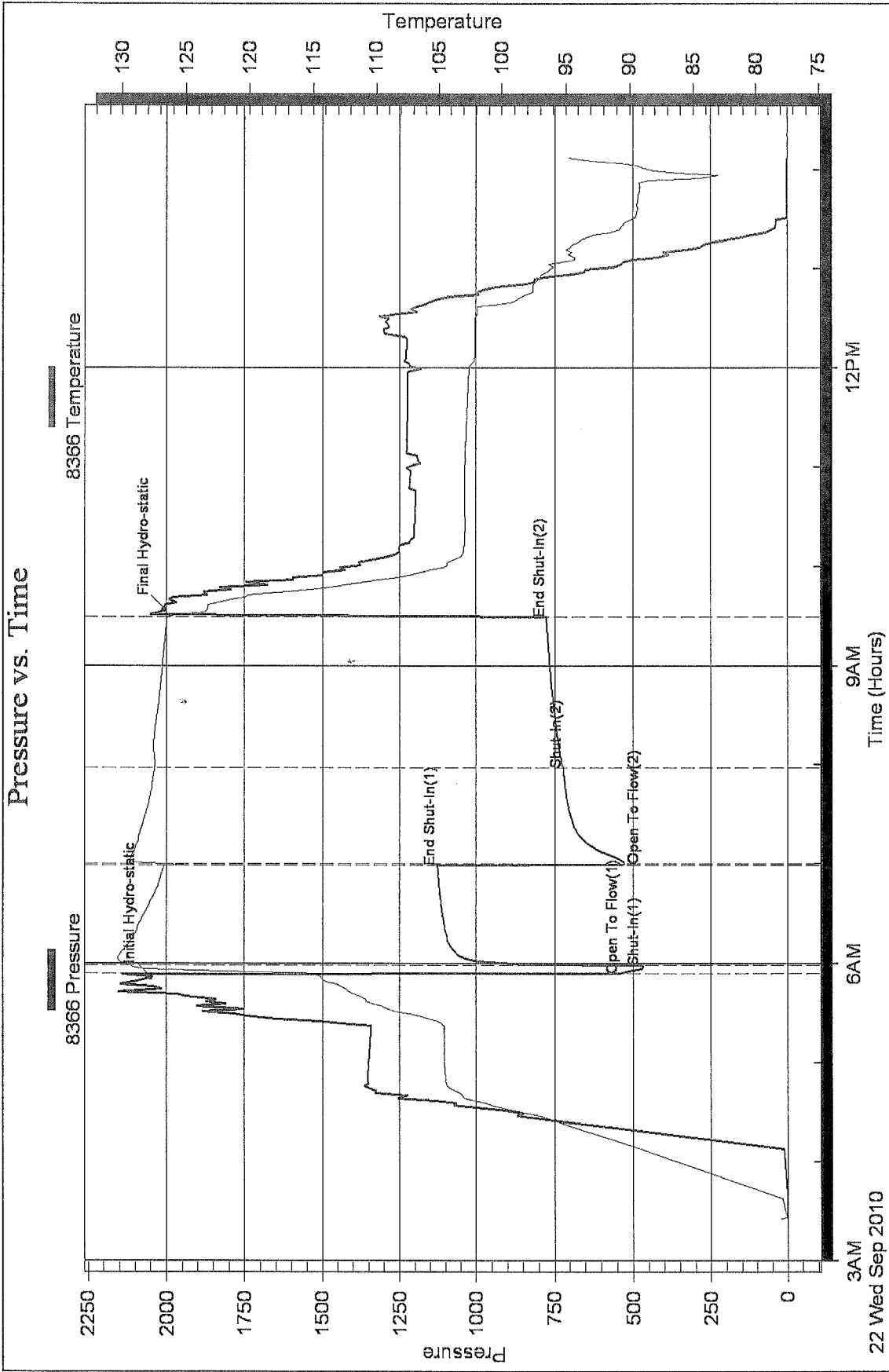
Laboratory Name: -

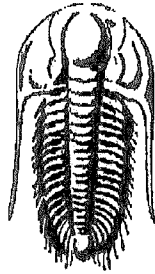
Laboratory Location:

Recovery Comments: Gravity = 39.8 api @ 94 deg F

Corrected Gravity = 36.4 api

### Pressure vs. Time





**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

Prepared For: **DaMar Resources, Inc.**

234 W 11th STE A  
PO Box 70  
Hays, KS 67601

ATTN: Jim Musgrove

**26-20s-24w Ness KS**

**Evel Unit #1**

Start Date: 2010.09.24 @ 08:58:15

End Date: 2010.09.24 @ 17:05:15

Job Ticket #: 40407                      DST #: 2

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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

DaMar Resources, Inc.

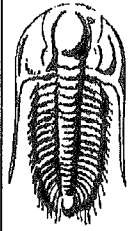
Evel Unit #1

26-20s-24w Ness KS

DST # 2

Cherokee Sd.

2010.09.24



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

DaMar Resources, Inc.  
234 W 11th STE A  
PO Box 70  
Hays, KS 67601  
ATTN: Jim Musgrove

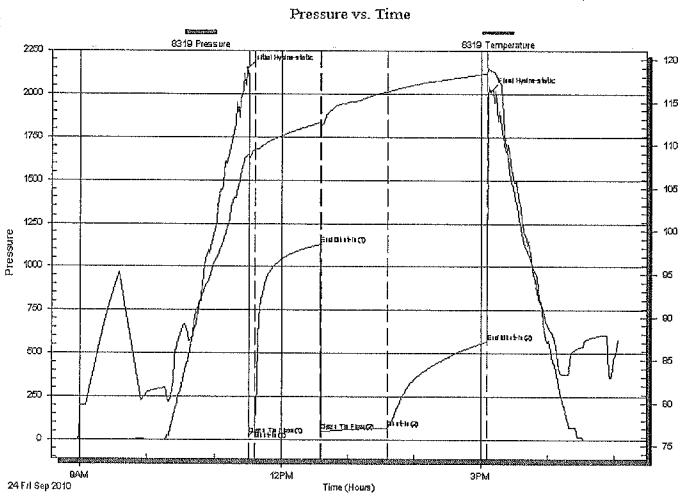
**Evel Unit #1**  
**26-20s-24w Ness KS**  
Job Ticket: 40407      **DST#: 2**  
Test Start: 2010.09.24 @ 08:58:15

## GENERAL INFORMATION:

Formation: **Cherokee Sd.**  
Deviated: No      Whipstock:      ft (KB)  
Time Tool Opened: 11:31:15  
Time Test Ended: 17:05:15  
Interval: **4284.00 ft (KB) To 4342.00 ft (KB) (TVD)**  
Total Depth: 4342.00 ft (KB) (TVD)  
Hole Diameter: 7.88 inches      Hole Condition: Fair  
Test Type: Conventional Bottom Hole  
Tester: Brett Dickinson  
Unit No: 47  
Reference Elevations: 2269.00 ft (KB)  
2264.00 ft (CF)  
KB to GR/CF: 5.00 ft

**Serial #: 8319      Outside**  
Press@RunDepth: 70.28 psig @ 4285.00 ft (KB)      Capacity: 8000.00 psig  
Start Date: 2010.09.24      End Date: 2010.09.24      Last Calib.: 2010.09.24  
Start Time: 08:58:20      End Time: 17:05:14      Time On Btm: 2010.09.24 @ 11:29:45  
Time Off Btm: 2010.09.24 @ 15:08:15

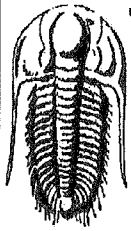
**TEST COMMENT:** IF-2.5min  
ISI-Weak surface blow died in 45min  
FF-9in blow  
FSI-No blow



PRESSURE SUMMARY			
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2143.38	108.76	Initial Hydro-static
2	27.14	108.48	Open To Flow (1)
7	50.78	109.48	Shut-In(1)
65	1129.69	112.64	End Shut-In(1)
66	54.20	112.47	Open To Flow (2)
126	70.28	116.22	Shut-In(2)
216	570.19	118.34	End Shut-In(2)
219	2015.00	118.73	Final Hydro-static

Recovery		
Length (ft)	Description	Volume (bbl)
105.00	MCO 55%O 45%M	0.94
20.00	Free Oil 5%G 95%O	0.28

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



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

DaMar Resources, Inc.  
234 W 11th STE A  
PO Box 70  
Hays, KS 67601  
ATTN: Jim Musgrove

**Eve1 Unit #1**  
**26-20s-24w Ness KS**  
Job Ticket: 40407      **DST#: 2**  
Test Start: 2010.09.24 @ 08:58:15

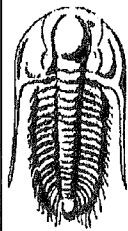
**Tool Information**

Drill Pipe:	Length: 4212.00 ft	Diameter: 3.80 inches	Volume: 59.08 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: ft	Diameter: 2.70 inches	Volume: - bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 59.00 ft	Diameter: 2.25 inches	Volume: 0.29 bbl	Weight to Pull Loose: 65000.00 lb
			<u>Total Volume: - bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	15.00 ft			String Weight: Initial 55000.00 lb
Depth to Top Packer:	4284.00 ft			Final 56000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	58.00 ft			
Tool Length:	86.00 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			4257.00	
Shut In Tool	5.00			4262.00	
Hydraulic tool	5.00			4267.00	
Jars	5.00			4272.00	
Safety Joint	2.00			4274.00	
Packer	5.00			4279.00	28.00      Bottom Of Top Packer
Packer	5.00			4284.00	
Stubb	1.00			4285.00	
Recorder	0.00	6719	Inside	4285.00	
Recorder	0.00	8319	Outside	4285.00	
Perforations	5.00			4290.00	
Change Over Sub	1.00			4291.00	
Drill Pipe	32.00			4323.00	
Change Over Sub	1.00			4324.00	
Perforations	15.00			4339.00	
Bullnose	3.00			4342.00	58.00      Bottom Packers & Anchor
<b>Total Tool Length:</b>	<b>86.00</b>				



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

DaMar Resources, Inc.

**Evel Unit #1**

234 W 11th STE A

**26-20s-24w Ness KS**

PO Box 70

Job Ticket: 40407

**DST#: 2**

Hays, KS 67601

Test Start: 2010.09.24 @ 08:58:15

ATTN: Jim Musgrove

## Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

34 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 61.00 sec/qt

Cushion Volume:

bbf

Water Loss: 8.48 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3600.00 ppm

Filter Cake: inches

## Recovery Information

### Recovery Table

Length ft	Description	Volume bbf
105.00	MCO 55%O 45%M	0.935
20.00	Free Oil 5%G 95%O	0.281

Total Length: 125.00 ft

Total Volume: 1.216 bbf

Num Fluid Samples: 0

Num Gas Bombs: 0

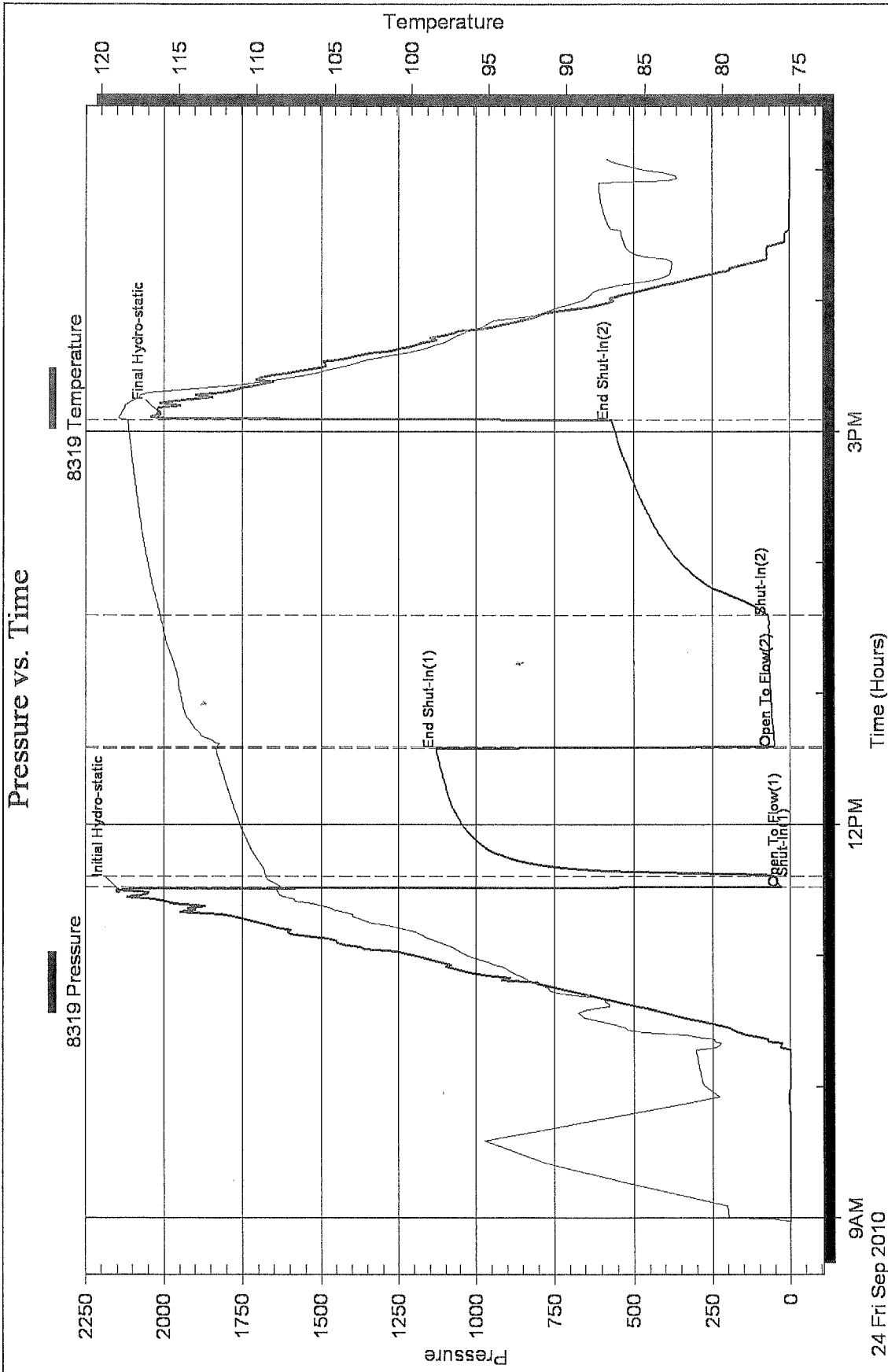
Serial #:

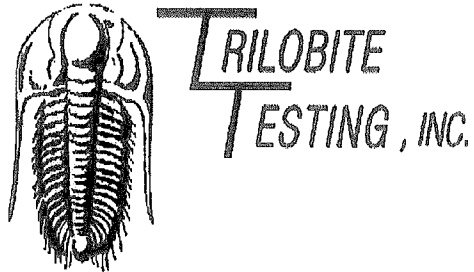
Laboratory Name:

Laboratory Location:

Recovery Comments:

### Pressure vs. Time





## DRILL STEM TEST REPORT

Prepared For: **DaMar Resources, Inc.**

234 W 11th STE A  
PO Box 70  
Hays, KS 67601

ATTN: Jim Musgrove

**26-20s-24w Ness KS**

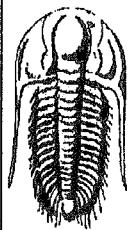
**Evel Unit #1**

Start Date: 2010.09.24 @ 23:42:19

End Date: 2010.09.25 @ 07:57:19

Job Ticket #: 40408      DST #: 3

Trilobite Testing, Inc  
PO Box 1733 Hays, KS 67601  
ph: 785-625-4778 fax: 785-625-5620



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

DaMar Resources, Inc.

234 W 11th STE A  
PO Box 70  
Hays, KS 67601  
ATTN: Jim Musgrove

**Evel Unit #1**

**26-20s-24w Ness KS**

Job Ticket: 40408      **DST#: 3**  
Test Start: 2010.09.24 @ 23:42:19

## GENERAL INFORMATION:

Formation: **Miss.**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 01:47:49

Time Test Ended: 07:57:19

Test Type: Conventional Bottom Hole

Tester: Brett Dickinson

Unit No: 47

Interval: **4352.00 ft (KB) To 4365.00 ft (KB) (TVD)**

Total Depth: 4365.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2269.00 ft (KB)

2264.00 ft (CF)

KB to GR/CF: 5.00 ft

**Serial #: 8319**

**Outside**

Press@RunDepth: 267.72 psig @ 4353.00 ft (KB)

Start Date: 2010.09.24

End Date: 2010.09.25

Start Time: 23:42:24

End Time: 07:57:18

Capacity: 8000.00 psig

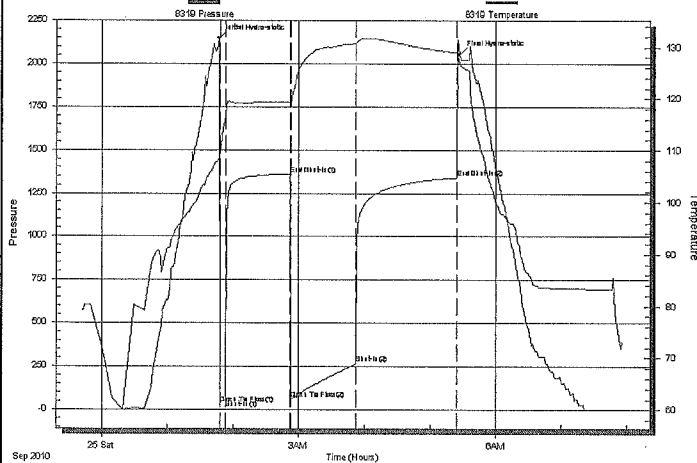
Last Calib.: 2010.09.25

Time On Btm: 2010.09.25 @ 01:46:49

Time Off Btm: 2010.09.25 @ 05:26:49

**TEST COMMENT:** IF-8in blow  
ISI-1/4in blow  
FF-BOB in 8min GTS in 40min  
FSI-Very weak surface blow died in 22min

Pressure vs. Time



## PRESSURE SUMMARY

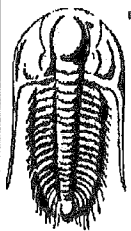
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2143.83	108.81	Initial Hydro-static
1	33.74	109.85	Open To Flow (1)
6	54.55	116.75	Shut-In(1)
65	1361.11	119.32	End Shut-In(1)
66	63.37	118.74	Open To Flow (2)
126	267.72	130.64	Shut-In(2)
218	1339.48	128.93	End Shut-In(2)
220	2052.88	126.97	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
120.00	GMCO 20%G 10%M 70%O	1.15
380.00	GO 35%G 65%O	5.33
120.00	SGO 10%G 90%O	1.68
0.00	GTS	0.00

## Gas Rates

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



**TRILOBITE  
TESTING, INC**

## DRILL STEM TEST REPORT

TOOL DIAGRAM

DaMar Resources, Inc.

Evel Unit #1

234 W 11th STE A

26-20s-24w Ness KS

PO Box 70

Job Ticket: 40408

DST#: 3

Hays, KS 67601

ATTN: Jim Musgrove

Test Start: 2010.09.24 @ 23:42:19

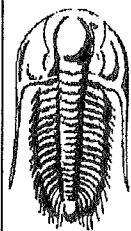
### Tool Information

Drill Pipe:	Length: 4280.00 ft	Diameter: 3.80 inches	Volume: 60.04 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: ft	Diameter: 2.70 inches	Volume: - bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 59.00 ft	Diameter: 2.25 inches	Volume: 0.29 bbl	Weight to Pull Loose: 60000.00 lb
			Total Volume: - bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	15.00 ft			String Weight: Initial 55000.00 lb
Depth to Top Packer:	4352.00 ft			Final 58000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	13.00 ft			
Tool Length:	41.00 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			4325.00	
Shut In Tool	5.00			4330.00	
Hydraulic tool	5.00			4335.00	
Jars	5.00			4340.00	
Safety Joint	2.00			4342.00	
Packer	5.00			4347.00	28.00 Bottom Of Top Packer
Packer	5.00			4352.00	
Stubb	1.00			4353.00	
Recorder	0.00	6719	Inside	4353.00	
Recorder	0.00	8319	Outside	4353.00	
Perforations	9.00			4362.00	
Bullnose	3.00			4365.00	13.00 Bottom Packers & Anchor

**Total Tool Length: 41.00**



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

DaMar Resources, Inc.

**Evel Unit #1**

234 W 11th STE A

**26-20s-24w Ness KS**

PO Box 70

Job Ticket: 40408

**DST#: 3**

Hays, KS 67601

ATTN: Jim Musgrove

Test Start: 2010.09.24 @ 23:42:19

## Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

37 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 61.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.49 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3600.00 ppm

Filter Cake: inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
120.00	GMCO 20%G 10%M 70%O	1.146
380.00	GO 35%G 65%O	5.330
120.00	SGO 10%G 90%O	1.683
0.00	GTS	0.000

Total Length: 620.00 ft

Total Volume: 8.159 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

### Pressure vs. Time

