



DRILL STEM TEST REPORT

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

PO Box 70
Hays, KS 67601

ATTN: Randy Killian

Windholz #1

3-12s-17w Ellis, KS

Start Date: 2013.10.06 @ 21:47:00

End Date: 2013.10.07 @ 05:46:45

Job Ticket #: 55755 DST #: 1

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2013.10.09 @ 13:30:35



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

DaMar Resources, Inc.

3-12s-17w Ellis, KS

PO Box 70
Hays, KS 67601

Windholz #1

Job Ticket: 55755

DST#: 1

ATTN: Randy Killian

Test Start: 2013.10.06 @ 21:47:00

GENERAL INFORMATION:

Formation: **Tor- LKC D**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 00:01:15

Time Test Ended: 05:46:45

Test Type: Conventional Bottom Hole (Initial)

Tester: Brannan L

Unit No: 54

Interval: 3311.00 ft (KB) To 3428.00 ft (KB) (TVD)

Reference Elevations: 2135.00 ft (KB)

Total Depth: 3428.00 ft (KB) (TVD)

2130.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

Serial #: 8789 Inside

Press @ Run Depth: 106.43 psig @ 3328.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.10.06 End Date: 2013.10.07

Last Calib.: 2013.10.07

Start Time: 21:47:02 End Time: 05:46:45

Time On Btm: 2013.10.07 @ 00:00:15

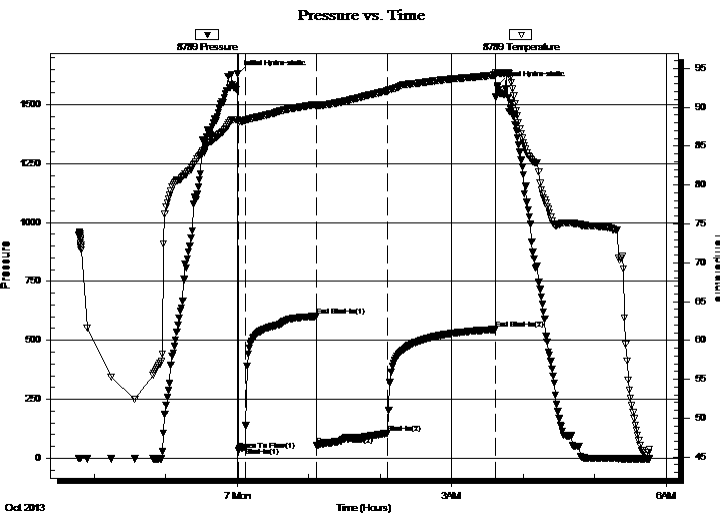
Time Off Btm: 2013.10.07 @ 03:38:30

TEST COMMENT: 05- IF- 3"

60- IS- No return

60- FF- BOB 29mins

90- FSI- No return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1629.95	88.42	Initial Hydro-static
1	34.70	87.95	Open To Flow (1)
7	46.67	88.28	Shut-In(1)
67	601.97	90.38	End Shut-In(1)
67	55.02	90.04	Open To Flow (2)
127	106.43	92.13	Shut-In(2)
217	546.42	94.14	End Shut-In(2)
219	1579.59	94.45	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
195.00	MW, 10%W 90%M	2.40

Gas Rates

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



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DRILL STEM TEST REPORT

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3-12s-17w Ellis, KS

PO Box 70
Hays, KS 67601

Windholz #1

Job Ticket: 55755

DST#: 1

ATTN: Randy Killian

Test Start: 2013.10.06 @ 21:47:00

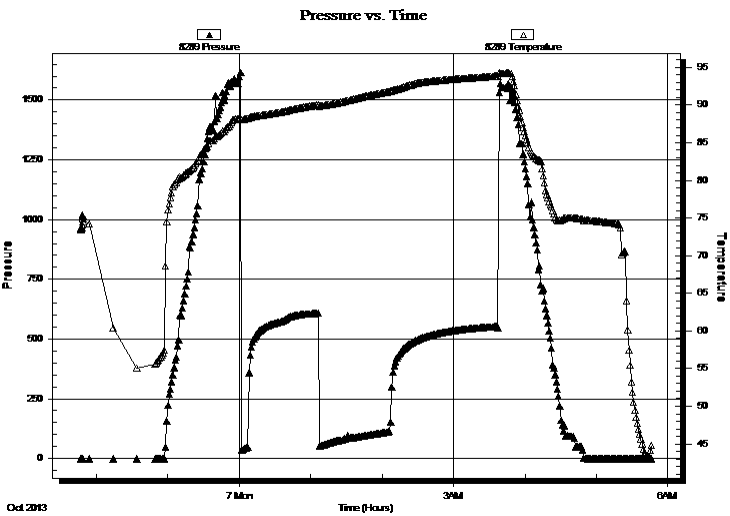
GENERAL INFORMATION:

Formation: **Tor- LKC D**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 00:01:15
 Time Test Ended: 05:46:45
 Interval: **3311.00 ft (KB) To 3428.00 ft (KB) (TVD)**
 Total Depth: 3428.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Brannan L
 Unit No: 54
 Reference Elevations: 2135.00 ft (KB)
 2130.00 ft (CF)
 KB to GR/CF: 5.00 ft

Serial #: 8289 Outside

Press @ Run Depth: psig @ 3328.00 ft (KB)
 Capacity: 8000.00 psig
 Start Date: 2013.10.06 End Date: 2013.10.07 Last Calib.: 2013.10.07
 Start Time: 21:47:04 End Time: 05:47:02 Time On Btm:
 Time Off Btm:

TEST COMMENT: 05- IF- 3"
 60- IS- No return
 60- FF- BOB 29mins
 90- FS- No return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

Recovery

Length (ft)	Description	Volume (bbl)
195.00	MW, 10%W 90%M	2.40

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

DaMar Resources, Inc.

3-12s-17w Ellis, KS

PO Box 70
Hays, KS 67601

Windholz #1

Job Ticket: 55755

DST#: 1

ATTN: Randy Killian

Test Start: 2013.10.06 @ 21:47:00

Tool Information

Drill Pipe:	Length: 3264.00 ft	Diameter: 3.75 inches	Volume: 44.59 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: ft	Diameter: 2.75 inches	Volume: - 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: 55000.00 lb
			<u>Total Volume: - bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	10.00 ft			String Weight: Initial 52000.00 lb
Depth to Top Packer:	3311.00 ft			Final 52000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	117.00 ft			
Tool Length:	144.00 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			3285.00	
Shut In Tool	5.00			3290.00	
Hydraulic tool	5.00			3295.00	
Jars	5.00			3300.00	
Safety Joint	2.00			3302.00	
Packer	5.00			3307.00	27.00 Bottom Of Top Packer
Packer	4.00			3311.00	
Stubb	1.00			3312.00	
Perforations	16.00			3328.00	
Recorder	0.00	8789	Inside	3328.00	
Recorder	0.00	8289	Outside	3328.00	
Change Over Sub	1.00			3329.00	
Drill Pipe	95.00			3424.00	
Change Over Sub	1.00			3425.00	
Bullnose	3.00			3428.00	117.00 Bottom Packers & Anchor

Total Tool Length: 144.00



**TRILOBITE
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DRILL STEM TEST REPORT

FLUID SUMMARY

DaMar Resources, Inc.

3-12s-17w Ellis, KS

PO Box 70
Hays, KS 67601

Windholz #1

Job Ticket: 55755

DST#: 1

ATTN: Randy Killian

Test Start: 2013.10.06 @ 21:47:00

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: 64.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.18 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1800.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
195.00	MW, 10%W 90%M	2.402

Total Length: 195.00 ft Total Volume: 2.402 bbl

Num Fluid Samples: 0

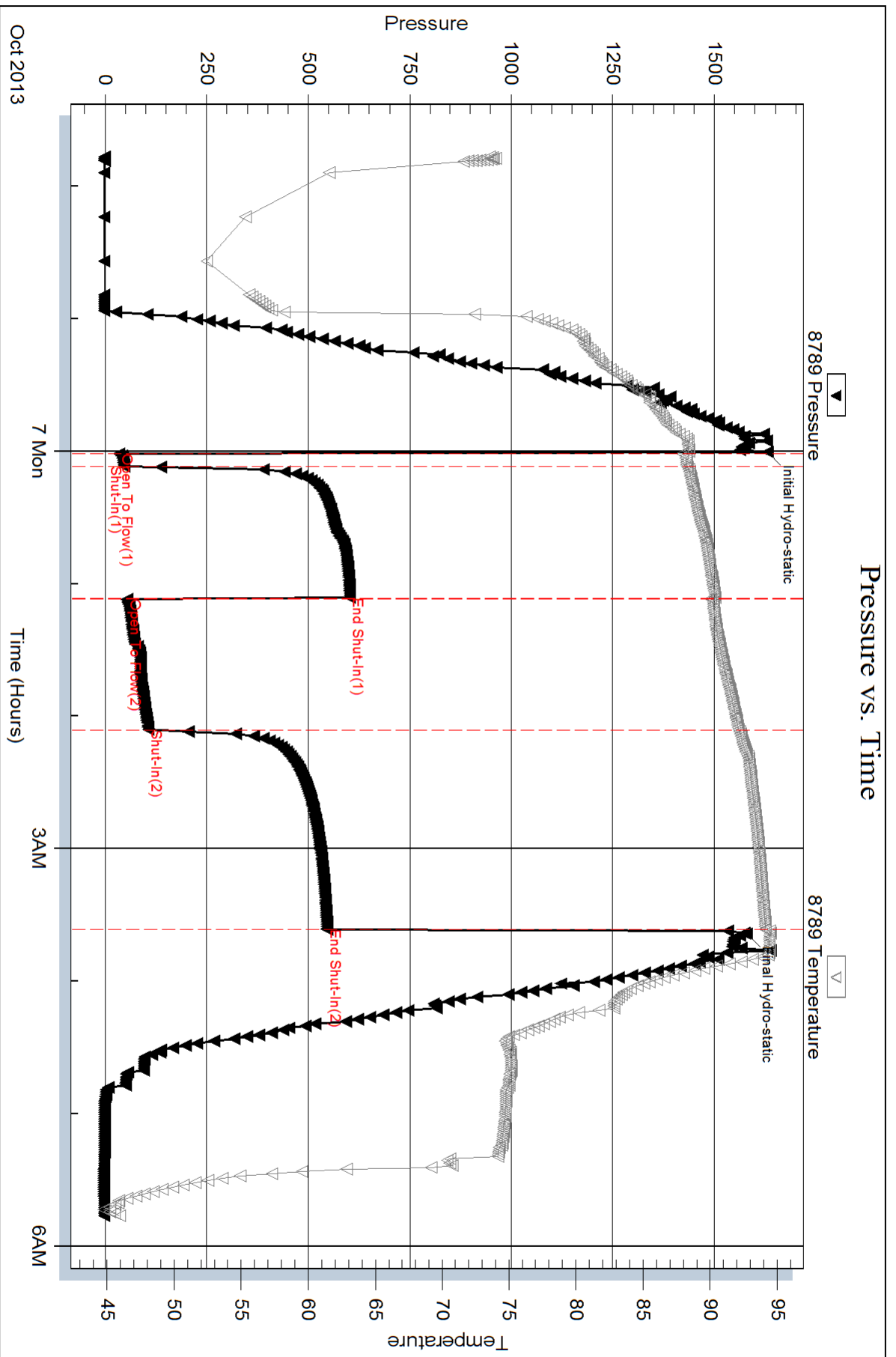
Num Gas Bombs: 0

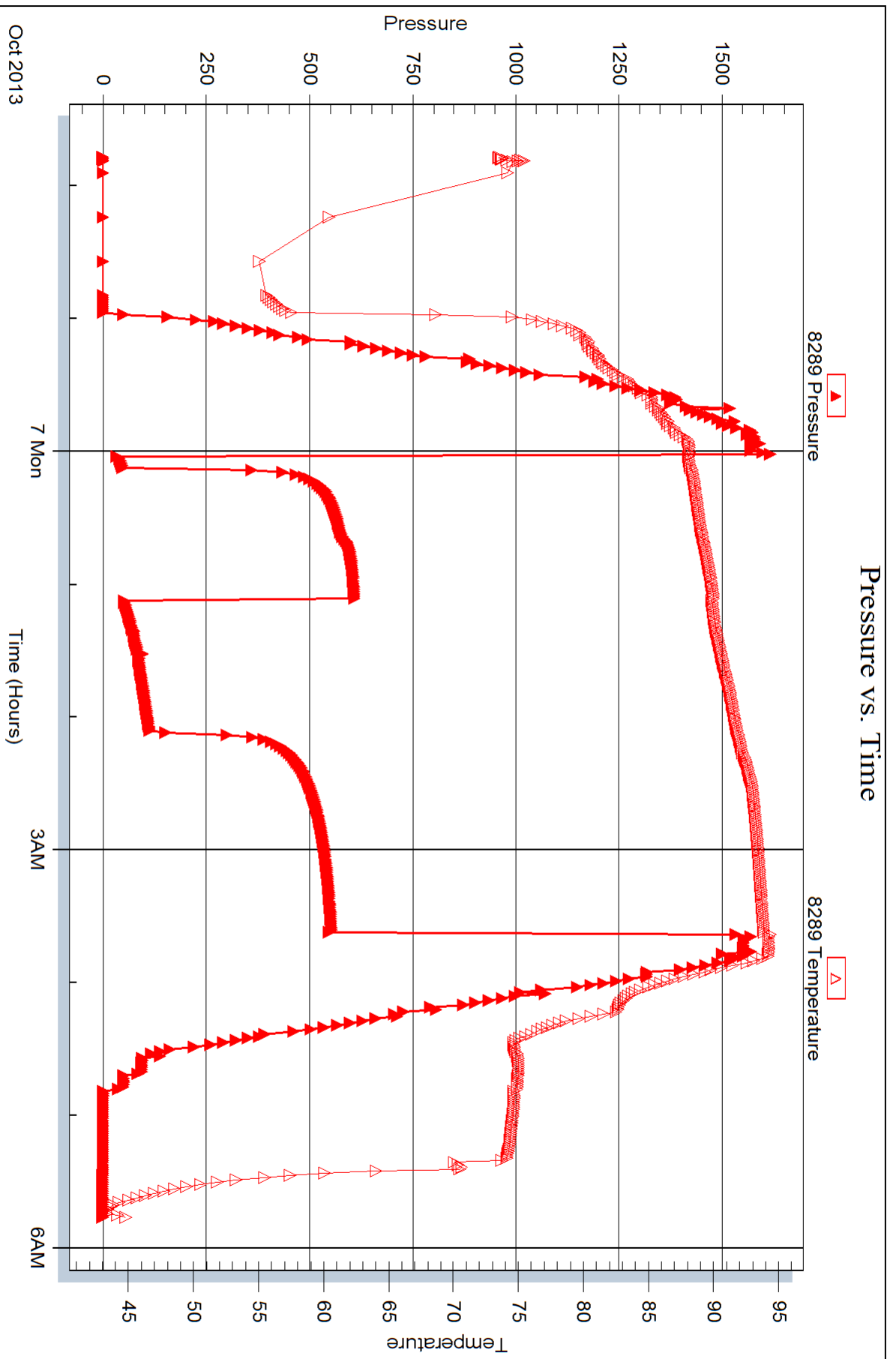
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:







DRILL STEM TEST REPORT

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

PO Box 70
Hays, KS 67601

ATTN: Randy Killian

Windholz #1

3-12s-17w Ellis, KS

Start Date: 2013.10.07 @ 18:16:00

End Date: 2013.10.08 @ 00:31:45

Job Ticket #: 55756 DST #: 2

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2013.10.09 @ 13:29:32



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

DaMar Resources, Inc.

3-12s-17w Ellis, KS

PO Box 70
Hays, KS 67601

Windholz #1

Job Ticket: 55756

DST#: 2

ATTN: Randy Killian

Test Start: 2013.10.07 @ 18:16:00

GENERAL INFORMATION:

Formation: **LKC "F-L"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 20:00:00

Time Test Ended: 00:31:45

Test Type: Conventional Bottom Hole (Reset)

Tester: Brannan L

Unit No: 54

Interval: 3421.00 ft (KB) To 3590.00 ft (KB) (TVD)

Total Depth: 3590.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2135.00 ft (KB)

2130.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 8789

Inside

Press @ Run Depth: 36.71 psig @ 3427.00 ft (KB)

Start Date: 2013.10.07

End Date: 2013.10.08

Start Time: 18:16:02

End Time: 00:31:45

Capacity: 8000.00 psig

Last Calib.: 2013.10.08

Time On Btm: 2013.10.07 @ 19:59:00

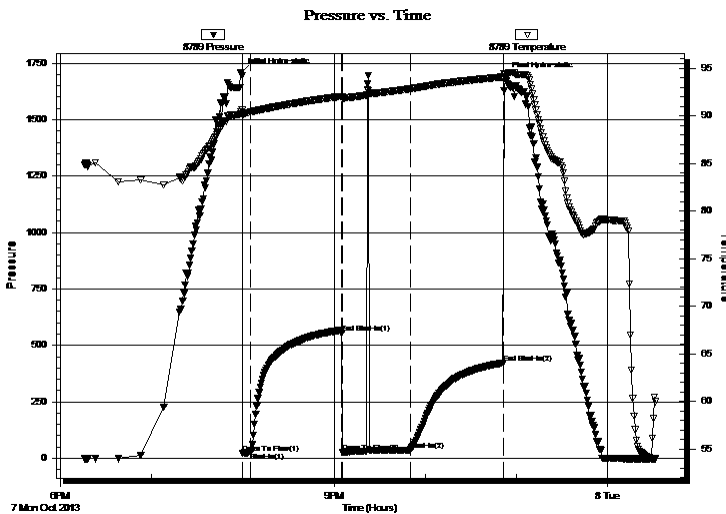
Time Off Btm: 2013.10.07 @ 22:52:45

TEST COMMENT: 05- IF- 1"

60- IS- No blow

45- FF- Weak surface blow flushed tool 15mins in built to 1/2"

60- FS- No blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1709.41	90.40	Initial Hydro-static
1	22.28	90.07	Open To Flow (1)
7	25.36	90.37	Shut-In(1)
67	553.75	92.04	End Shut-In(1)
67	26.98	91.85	Open To Flow (2)
112	36.71	92.83	Shut-In(2)
173	421.74	94.07	End Shut-In(2)
174	1692.64	94.31	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
40.00	M, 100%M	0.28

Gas Rates

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

* Recovery from multiple tests



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

DaMar Resources, Inc.

PO Box 70
Hays, KS 67601

ATTN: Randy Killian

3-12s-17w Ellis, KS

Windholz #1

Job Ticket: 55756

DST#: 2

Test Start: 2013.10.07 @ 18:16:00

GENERAL INFORMATION:

Formation: **LKC "F-L"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 20:00:00

Time Test Ended: 00:31:45

Test Type: Conventional Bottom Hole (Reset)

Tester: Brannan L

Unit No: 54

Interval: **3421.00 ft (KB) To 3590.00 ft (KB) (TVD)**

Total Depth: 3590.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2135.00 ft (KB)

2130.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 8289 Outside

Press @ Run Depth: psig @ 3427.00 ft (KB)

Start Date: 2013.10.07 End Date: 2013.10.08

Start Time: 18:16:02 End Time: 00:32:00

Capacity: 8000.00 psig

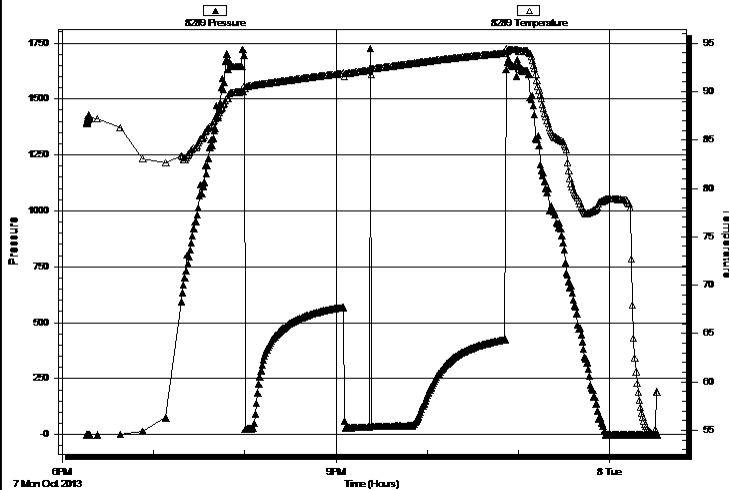
Last Calib.: 2013.10.08

Time On Btm:

Time Off Btm:

TEST COMMENT: 05- IF- 1"
60- ISI- No blow
45- FF- Weak surface blow flushed tool 15mins in built to 1/2"
60- FSI- No blow

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

Recovery

Length (ft)	Description	Volume (bbl)
40.00	M, 100%M	0.28

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

DaMar Resources, Inc.

3-12s-17w Ellis, KS

PO Box 70
Hays, KS 67601

Windholz #1

Job Ticket: 55756

DST#: 2

ATTN: Randy Killian

Test Start: 2013.10.07 @ 18:16:00

Tool Information

Drill Pipe:	Length: 3391.00 ft	Diameter: 3.75 inches	Volume: 46.32 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: ft	Diameter: 2.75 inches	Volume: - 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: 55000.00 lb
			<u>Total Volume: - bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	20.00 ft			String Weight: Initial 50000.00 lb
Depth to Top Packer:	3421.00 ft			Final 50000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	169.00 ft			
Tool Length:	189.00 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			3402.00	
Shut In Tool	5.00			3407.00	
Hydraulic tool	5.00			3412.00	
Packer	5.00			3417.00	20.00 Bottom Of Top Packer
Packer	4.00			3421.00	
Stubb	1.00			3422.00	
Perforations	5.00			3427.00	
Recorder	0.00	8789	Inside	3427.00	
Recorder	0.00	8289	Outside	3427.00	
Change Over Sub	1.00			3428.00	
Drill Pipe	158.00			3586.00	
Change Over Sub	1.00			3587.00	
Bullnose	3.00			3590.00	169.00 Bottom Packers & Anchor

Total Tool Length: 189.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

DaMar Resources, Inc.

3-12s-17w Ellis, KS

PO Box 70
Hays, KS 67601

Windholz #1

Job Ticket: 55756

DST#: 2

ATTN: Randy Killian

Test Start: 2013.10.07 @ 18:16:00

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: 60.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.17 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
40.00	M, 100%M	0.284

Total Length: 40.00 ft Total Volume: 0.284 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

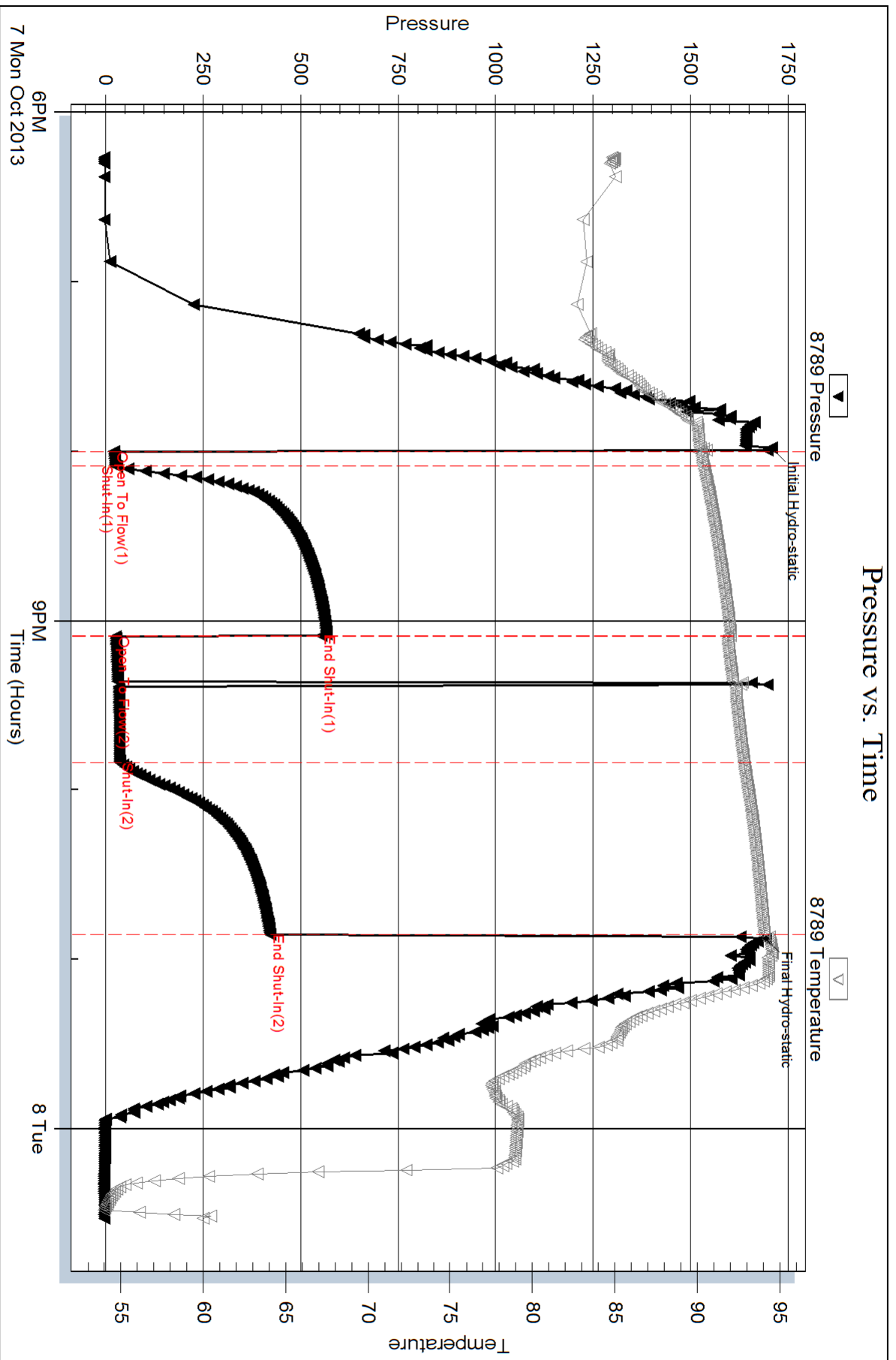
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time

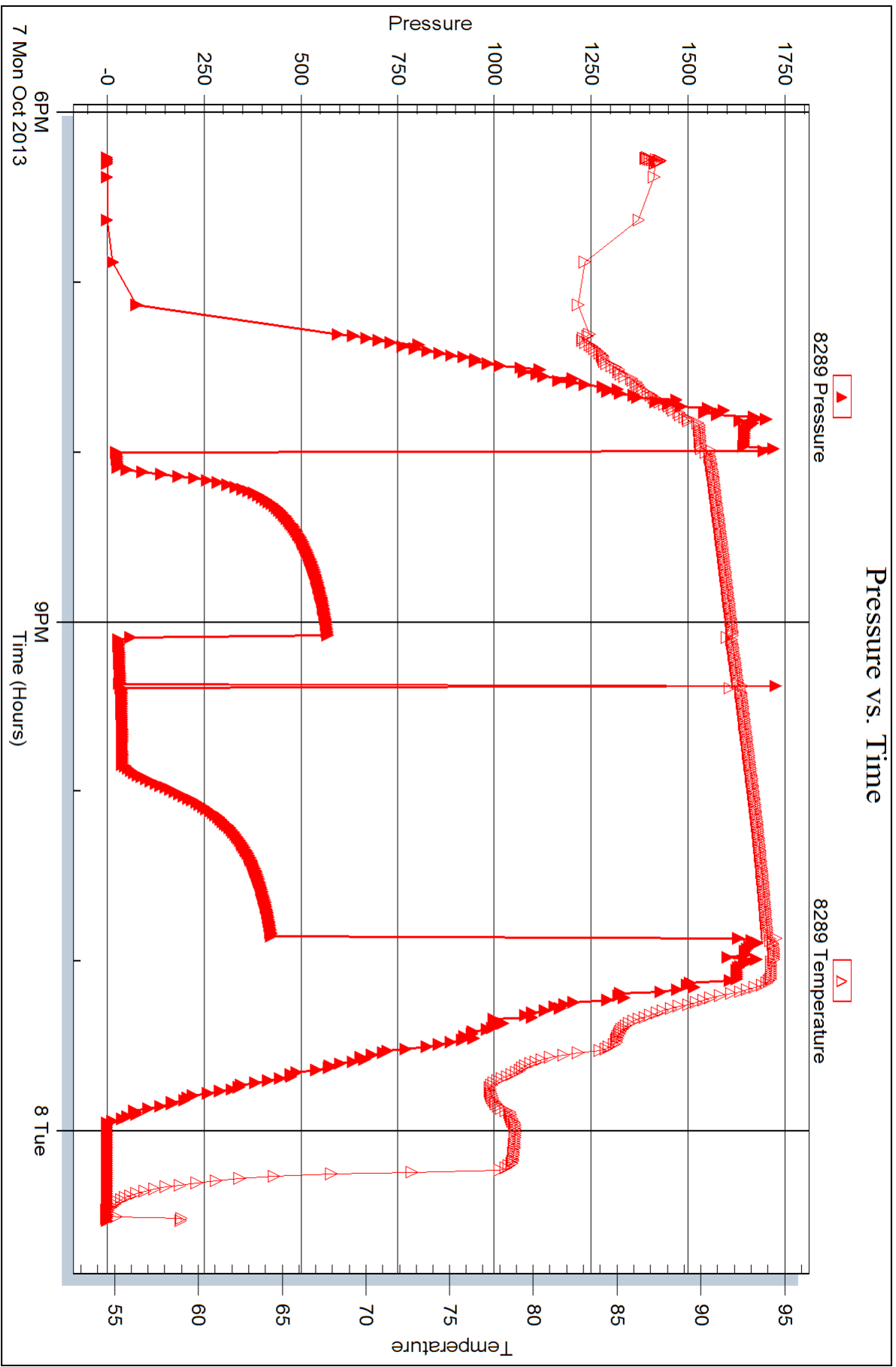


Serial #: 8289

Outside DaMar Resources, Inc.

Windholz #1

DST Test Number: 2





DRILL STEM TEST REPORT

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

PO Box 70
Hays, KS 67601

ATTN: Randy Killian

Windholz #1

3-12s-17w Ellis, KS

Start Date: 2013.10.08 @ 15:30:00

End Date: 2013.10.08 @ 22:13:45

Job Ticket #: 55757 DST #: 3

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2013.10.09 @ 13:27:41



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

DaMar Resources, Inc.

3-12s-17w Ellis, KS

PO Box 70
Hays, KS 67601

Windholz #1

Job Ticket: 55757

DST#: 3

ATTN: Randy Killian

Test Start: 2013.10.08 @ 15:30:00

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 17:03:00

Time Test Ended: 22:13:45

Test Type: Conventional Straddle (Reset)

Tester: Brannan L

Unit No: 54

Interval: 3585.00 ft (KB) To 3648.00 ft (KB) (TVD)

Total Depth: 3713.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2135.00 ft (KB)

2130.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 8789 Inside

Press @ Run Depth: 32.27 psig @ 3592.00 ft (KB)

Start Date: 2013.10.08

End Date: 2013.10.08

Start Time: 15:30:02

End Time: 22:13:45

Capacity: 8000.00 psig

Last Calib.: 2013.10.08

Time On Btm: 2013.10.08 @ 17:02:00

Time Off Btm: 2013.10.08 @ 19:45:30

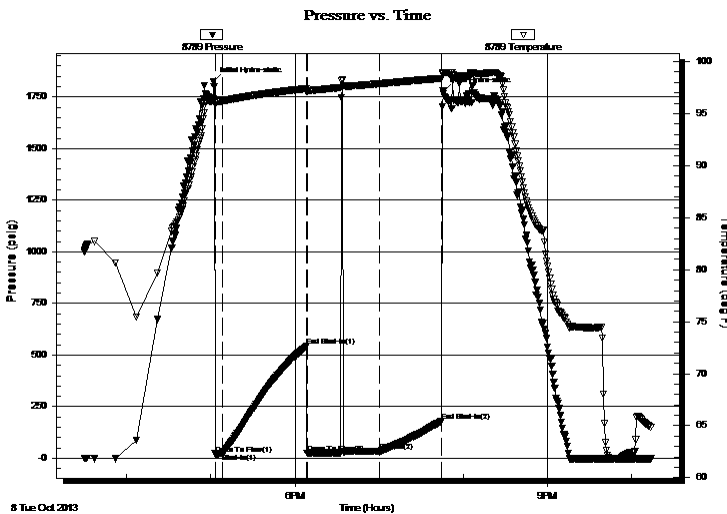
TEST COMMENT: 05- IF- 1/2"

60- IS- No blow

50- FF- No blow flushed tool after 20 mins got w eak surface blow

45- FS- No blow

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1822.92	96.22	Initial Hydro-static
1	21.53	95.90	Open To Flow (1)
6	23.21	96.21	Shut-In(1)
67	543.28	97.40	End Shut-In(1)
67	25.01	97.10	Open To Flow (2)
118	32.27	97.88	Shut-In(2)
163	181.78	98.40	End Shut-In(2)
164	1778.11	98.92	Final Hydro-static

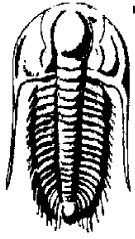
Recovery

Length (ft)	Description	Volume (bbl)
20.00	M, 100%M	0.10

Gas Rates

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

* Recovery from multiple tests



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

DaMar Resources, Inc.

3-12s-17w Ellis, KS

PO Box 70
Hays, KS 67601

Windholz #1

Job Ticket: 55757

DST#: 3

ATTN: Randy Killian

Test Start: 2013.10.08 @ 15:30:00

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 17:03:00

Time Test Ended: 22:13:45

Test Type: Conventional Straddle (Reset)

Tester: Brannan L

Unit No: 54

Interval: **3585.00 ft (KB) To 3648.00 ft (KB) (TVD)**

Total Depth: 3713.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2135.00 ft (KB)

2130.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 6668 Below (Straddle)

Press @RunDepth: psig @ 3651.00 ft (KB)

Start Date: 2013.10.08

Start Time: 15:30:02

End Date: 2013.10.08

End Time: 22:13:15

Capacity: 8000.00 psig

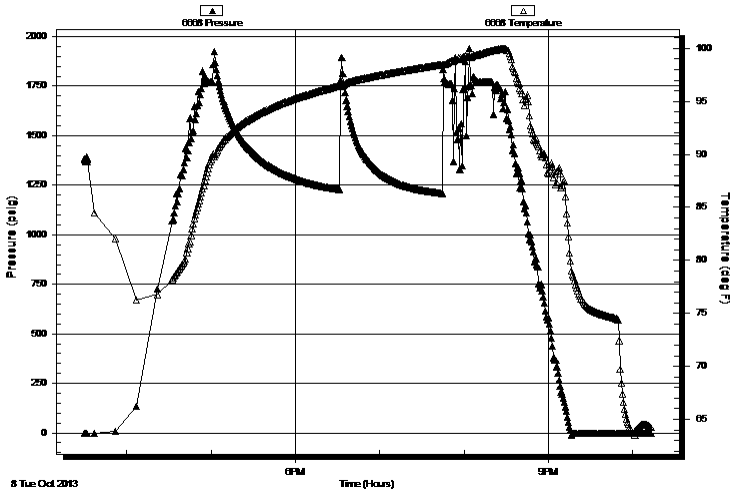
Last Calib.: 2013.10.08

Time On Btm:

Time Off Btm:

TEST COMMENT: 05- IF- 1/2"
60- IS- No blow
50- FF- No blow flushed tool after 20 mins got w eak surface blow
45- FSI- No blow

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
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Recovery

Length (ft)	Description	Volume (bbl)
20.00	M, 100%M	0.10

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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* Recovery from multiple tests



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

DaMar Resources, Inc.

3-12s-17w Ellis, KS

PO Box 70
Hays, KS 67601

Windholz #1

Job Ticket: 55757

DST#: 3

ATTN: Randy Killian

Test Start: 2013.10.08 @ 15:30:00

GENERAL INFORMATION:

Formation: **Arbuckle**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 17:03:00
Time Test Ended: 22:13:45
Interval: **3585.00 ft (KB) To 3648.00 ft (KB) (TVD)**
Total Depth: 3713.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

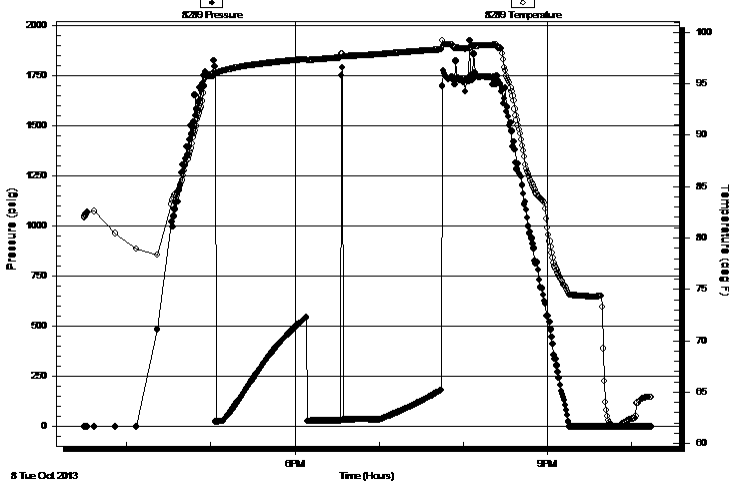
Test Type: Conventional Straddle (Reset)
Tester: Brannan L
Unit No: 54
Reference Elevations: 2135.00 ft (KB)
2130.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 8289 **Outside**

Press @ RunDepth: psig @ 3592.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2013.10.08 End Date: 2013.10.08 Last Calib.: 2013.10.08
Start Time: 15:30:02 End Time: 22:14:00 Time On Btm:
Time Off Btm:

TEST COMMENT: 05- IF- 1/2"
60- ISI- No blow
50- FF- No blow flushed tool after 20 mins got w eak surface blow
45- FSI- No blow

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
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Recovery

Length (ft)	Description	Volume (bbl)
20.00	M, 100%M	0.10

* Recovery from multiple tests

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.

3-12s-17w Ellis, KS

PO Box 70
Hays, KS 67601

Windholz #1

Job Ticket: 55757

DST#: 3

ATTN: Randy Killian

Test Start: 2013.10.08 @ 15:30:00

Tool Information

Drill Pipe:	Length: 3550.00 ft	Diameter: 3.75 inches	Volume: 48.50 bbl	Tool Weight:	2500.00 lb
Heavy Wt. Pipe:	Length: ft	Diameter: 2.75 inches	Volume: - 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:	80000.00 lb
			<u>Total Volume:</u>	Tool Chased	0.00 ft
				String Weight: Initial	54000.00 lb
Drill Pipe Above KB:	15.00 ft			Final	54000.00 lb
Depth to Top Packer:	3585.00 ft				
Depth to Bottom Packer:	3648.00 ft				
Interval between Packers:	63.00 ft				
Tool Length:	152.00 ft				
Number of Packers:	3	Diameter:	6.75 inches		
Tool Comments:					

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Change Over Sub	1.00			3566.00	
Shut In Tool	5.00			3571.00	
Hydraulic tool	5.00			3576.00	
Packer	5.00			3581.00	20.00 Bottom Of Top Packer
Packer	4.00			3585.00	
Stubb	1.00			3586.00	
Perforations	6.00			3592.00	
Recorder	0.00	8789	Inside	3592.00	
Recorder	0.00	8289	Outside	3592.00	
Change Over Sub	1.00			3593.00	
Drill Pipe	32.00			3625.00	
Change Over Sub	1.00			3626.00	
Perforations	18.00			3644.00	
Blank Off Sub	1.00			3645.00	
Blank Spacing	3.00			3648.00	63.00 Tool Interval
Packer	1.00			3649.00	
Blank Spacing	1.00			3650.00	
Change Over Sub	1.00			3651.00	
Recorder	0.00	6668	Below	3651.00	
Drill Pipe	62.00			3713.00	
Change Over Sub	1.00			3714.00	
Bullnose	3.00			3717.00	69.00 Bottom Packers & Anchor

Total Tool Length: 152.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

DaMar Resources, Inc.

3-12s-17w Ellis, KS

PO Box 70
Hays, KS 67601

Windholz #1

Job Ticket: 55757

DST#: 3

ATTN: Randy Killian

Test Start: 2013.10.08 @ 15:30:00

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: 59.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.59 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2500.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
20.00	M, 100%M	0.098

Total Length: 20.00 ft Total Volume: 0.098 bbl

Num Fluid Samples: 0

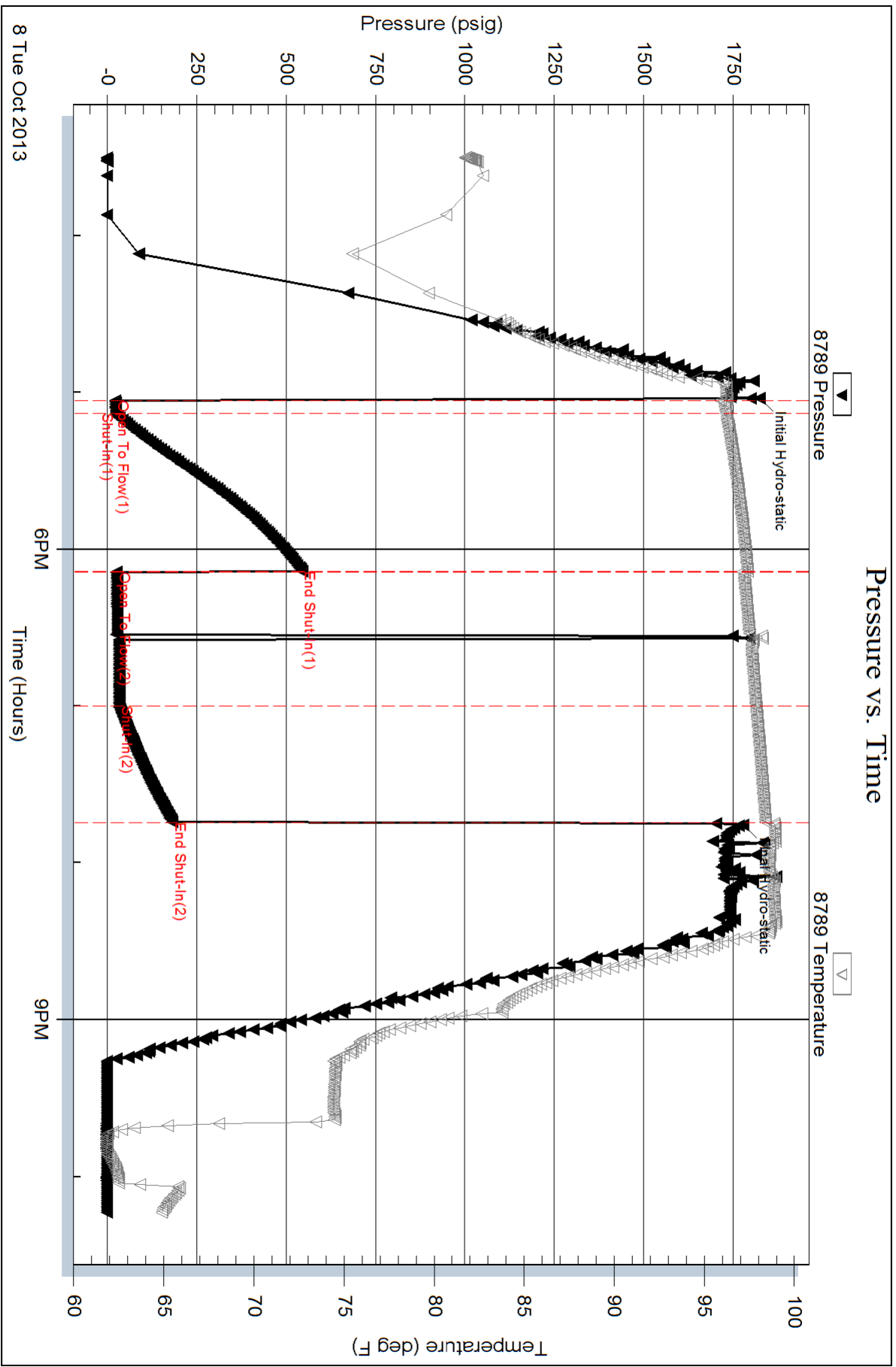
Num Gas Bombs: 0

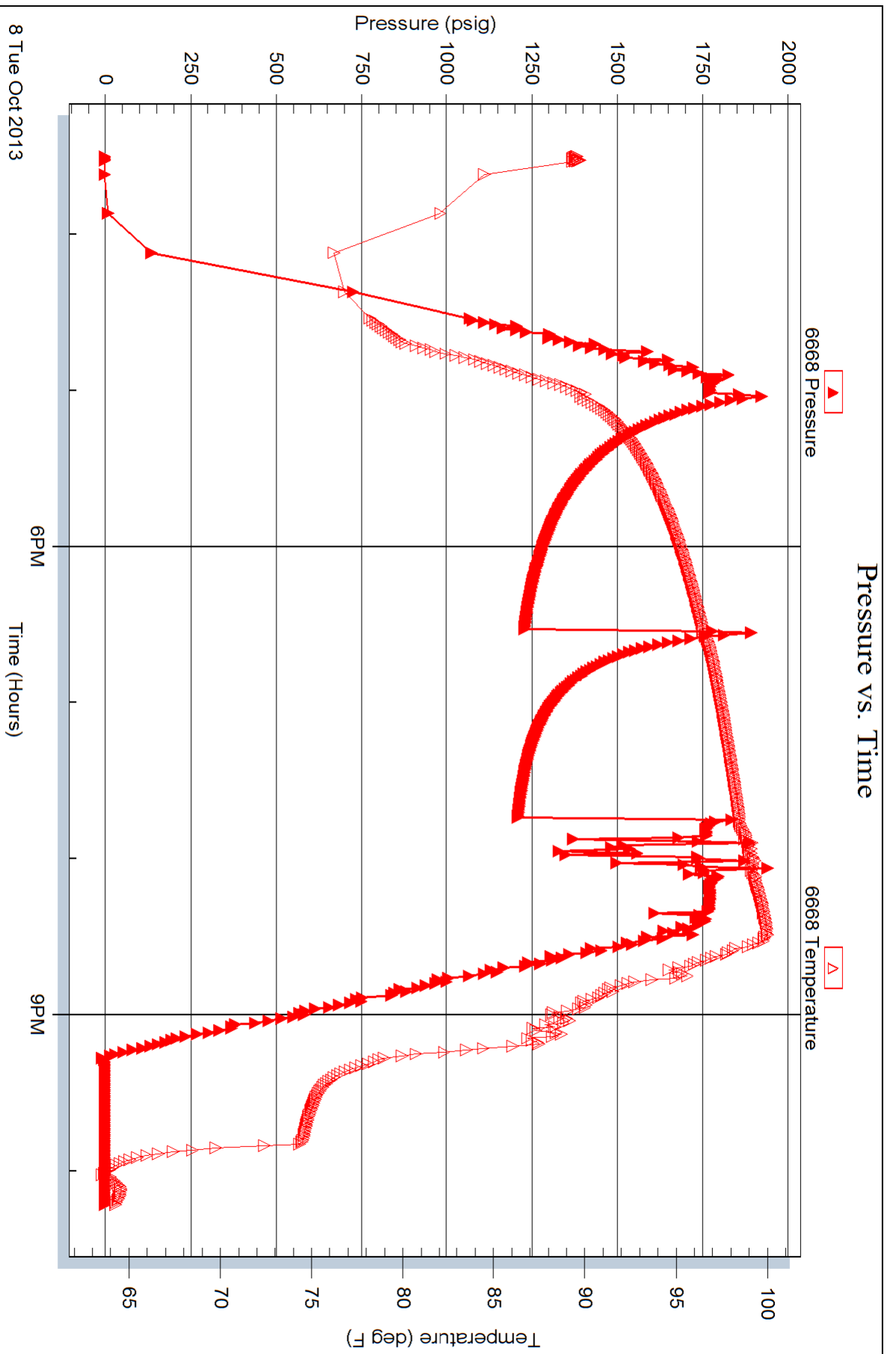
Serial #:

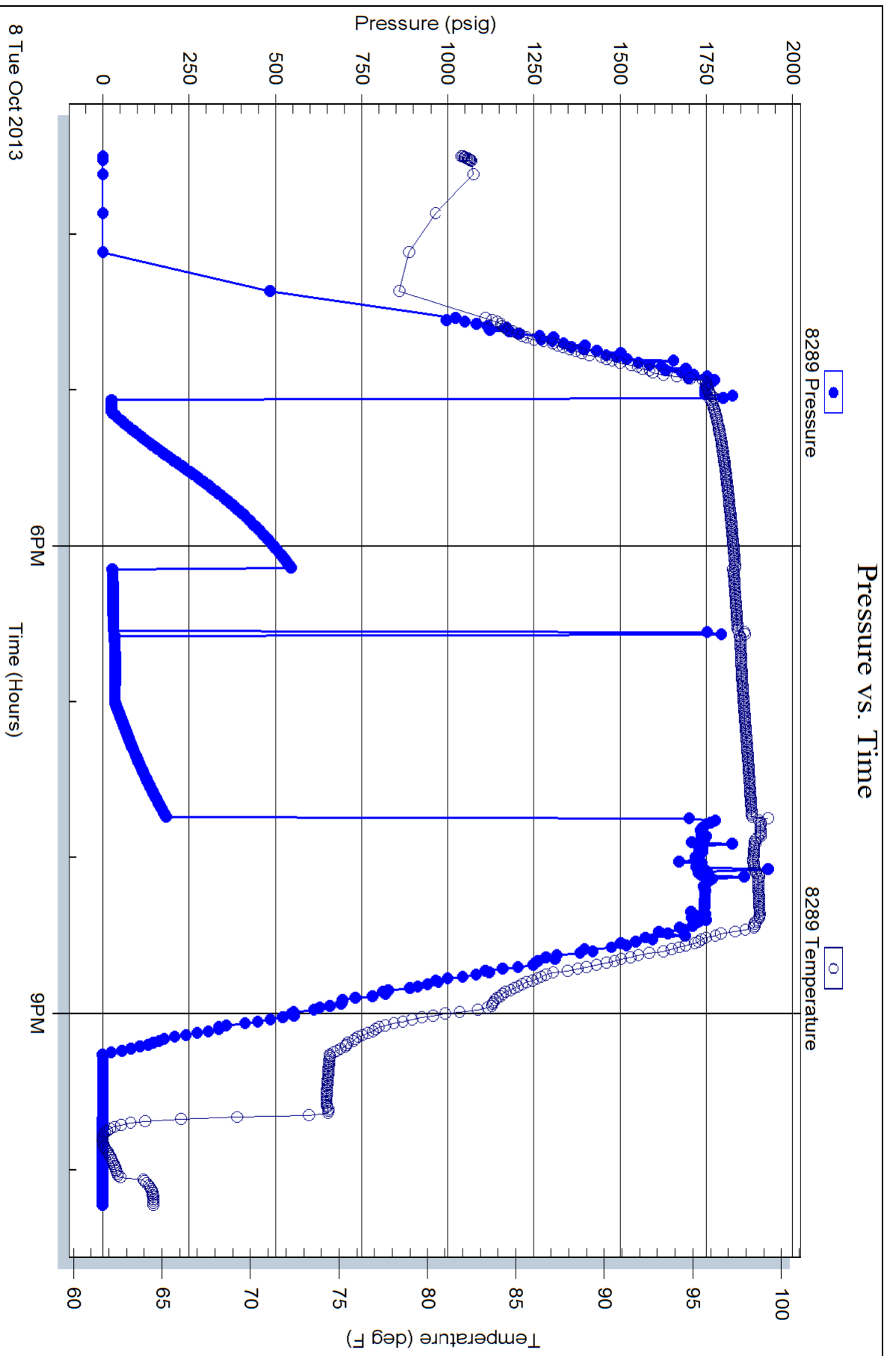
Laboratory Name:

Laboratory Location:

Recovery Comments:









TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 55755

Well Name & No. Windholz #1 Test No. 1 Date 10/6/13
 Company DaMar Resources Inc. Elevation 2135 KB 2130 GL
 Address 234 W 11th St A PO Box 70 Hays, KS 67601
 Co. Rep / Geo. Randy Killian Rig Murfin 16
 Location: Sec. 3 Twp. 12S Rge. 17W Co. Ellis State KS

Interval Tested 3311-3428 Zone Tested Top - LKC "D"
 Anchor Length 117' Drill Pipe Run 3264 Mud Wt. 8.8
 Top Packer Depth 3306 Drill Collars Run 30 Vis 64
 Bottom Packer Depth 3311 Wt. Pipe Run --- WL 7.2
 Total Depth 3428 Chlorides 1800 ppm System LCM 1#

Blow Description IF-3"
ISI - No blow
FF - BOB 29 mins
FSI - No blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>195</u>	<u>NW w/ show of oil</u>			<u>10</u>	<u>90</u>
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

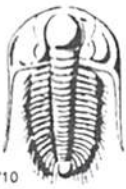
Rec Total 195' BHT 94° Gravity --- API RW --- @ --- °F Chlorides --- ppm

(A) Initial Hydrostatic 1630 Test 1150 T-On Location 2015
 (B) First Initial Flow 35 Jars 250 T-Started 2147
 (C) First Final Flow 47 Safety Joint 75 T-Open 0002
 (D) Initial Shut-In 602 Circ Sub --- T-Pulled 0337
 (E) Second Initial Flow 55 Hourly Standby --- T-Out 0547
 (F) Second Final Flow 106 Mileage 42 RT 65.10 Comments ---
 (G) Final Shut-In 546 Sampler ---
 (H) Final Hydrostatic 1580 Straddle --- Ruined Shale Packer ---
 Shale Packer --- Ruined Packer ---
 Extra Packer --- Extra Copies ---
 Extra Recorder --- Sub Total 0
 Day Standby --- Total 1540.10
 Accessibility --- MP/DST Disc't ---

Initial Open	<u>5</u>
Initial Shut-In	<u>60</u>
Final Flow	<u>60</u>
Final Shut-In	<u>90</u>

Approved By _____ Our Representative Brannon L

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.



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 55756

Well Name & No. Windholz #1 Test No. 2 Date 10/7/13
 Company Da Mar Resources, Inc. Elevation 2135 KB 2130 GL
 Address 234 W. 11th St. A PO Box 70 Hays, KS 67601
 Co. Rep / Geo. Randy Killian Rig Murfin 16
 Location: Sec. 3 Twp. 12S Rge. 17W Co. Ellis State KS

Interval Tested 3421-3590 Zone Tested LKC "F-L"
 Anchor Length 169' Drill Pipe Run 3391 Mud Wt. 8.9
 Top Packer Depth 3416 Drill Collars Run 30 Vis 60
 Bottom Packer Depth 3421 Wt. Pipe Run _____ WL 7.2
 Total Depth 3590 Chlorides 2000 ppm System LCM 1#

Blow Description IF-1"
ISI - No blow
FF - Plugged tool after 15 mins then built to 1/2"
FST - No blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>40</u>	<u>M</u>			<u>100</u>	
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

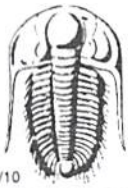
Rec Total 40' BHT 940 Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic 1709 Test 1150 T-On Location 1800
 (B) First Initial Flow 22 Jars _____ T-Started 1816
 (C) First Final Flow 25 Safety Joint _____ T-Open 2000
 (D) Initial Shut-In 554 Circ Sub _____ T-Pulled 2250
 (E) Second Initial Flow 27 Hourly Standby _____ T-Out 0032
 (F) Second Final Flow 37 Mileage 42 RT 65.10
 (G) Final Shut-In 422 Sampler _____
 (H) Final Hydrostatic 1693 Straddle _____

Ruined Shale Packer _____
 Ruined Packer _____
 Extra Copies _____
 Initial Open 5
 Initial Shut-In 60
 Final Flow 45
 Final Shut-In 60
 Extra Packer _____
 Extra Recorder _____
 Day Standby _____
 Accessibility _____
 Sub Total 1215.10
 Sub Total 1215.10

Approved By _____ Our Representative Brannan L

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TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 55757

Well Name & No. Windholz #1 Test No. 3 Date 10/8/13
 Company DaMar Resources, Inc. Elevation 2135 KB 2130 GL
 Address 234 W. 11th Ste. A PO Box 20 Hays, KS 67601
 Co. Rep / Geo. Randy Killian Rig Murfin 16
 Location: Sec. 3 Twp. 12S Rge. 17W Co. Ellis State KS

Interval Tested 3585-3648 Zone Tested Arbuckle
 Anchor Length 63' 68' tail Drill Pipe Run 3550 Mud Wt. 8.9
 Top Packer Depth 3580-3585 Drill Collars Run 30 Vis 60
 Bottom Packer Depth 3648 Wt. Pipe Run _____ WL 7.2
 Total Depth 3713 Chlorides 2000 ppm System LCM 1#

Blow Description IF-1/2"
ISI-No blow
FF-No blow, flushed tool after 20 mins got weak surface blow
FSI-No blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>20</u>	<u>M</u>			<u>100</u>	
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

Rec Total 20 BHT 980 Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic <u>1823</u>	<input checked="" type="checkbox"/> Test <u>1150</u>	T-On Location <u>1326</u>
(B) First Initial Flow <u>22</u>	<input type="checkbox"/> Jars _____	T-Started <u>1530</u>
(C) First Final Flow <u>23</u>	<input type="checkbox"/> Safety Joint _____	T-Open <u>1704</u>
(D) Initial Shut-In <u>543</u>	<input type="checkbox"/> Circ Sub _____	T-Pulled <u>1945</u>
(E) Second Initial Flow <u>25</u>	<input type="checkbox"/> Hourly Standby _____	T-Out <u>2215</u>
(F) Second Final Flow <u>32</u>	<input checked="" type="checkbox"/> Mileage <u>42 RT</u> 65.10	Comments _____
(G) Final Shut-In <u>182</u>	<input type="checkbox"/> Sampler _____	_____
(H) Final Hydrostatic <u>1778</u>	<input checked="" type="checkbox"/> Straddle <u>600</u>	<input type="checkbox"/> Ruined Shale Packer _____
Initial Open <u>5</u>	<input type="checkbox"/> Shale Packer _____	<input type="checkbox"/> Ruined Packer _____
Initial Shut-In <u>60</u>	<input type="checkbox"/> Extra Packer _____	<input type="checkbox"/> Extra Copies _____
Final Flow <u>50</u>	<input type="checkbox"/> Extra Recorder _____	Sub Total <u>0</u>
Final Shut-In <u>45</u>	<input type="checkbox"/> Day Standby _____	Total <u>1815.10</u>
	<input type="checkbox"/> Accessibility _____	MP/DST Disc't _____
	Sub Total <u>1815.10</u>	

Approved By _____ Our Representative Brannon L

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