



DRILL STEM TEST REPORT

Prepared For: **TDI Inc**

1310 Bison RD
Hays KS 67601

ATTN: Tom Denning/ Herb De

GW Unit #1

24-15s-19w Ellis,KS

Start Date: 2012.10.16 @ 14:40:14

End Date: 2012.10.16 @ 22:18:44

Job Ticket #: 49663 DST #: 1

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

Printed: 2012.10.19 @ 15:30:13

TDI Inc
24-15s-19w Ellis,KS
GW Unit #1
DST # 1
Lansing A-C
2012.10.16



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

TDI Inc
 1310 Bison RD
 Hays KS 67601
 ATTN: Tom Denning/ Herb De

24-15s-19w Ellis,KS
GW Unit #1
 Job Ticket: 49663 **DST#: 1**
 Test Start: 2012.10.16 @ 14:40:14

GENERAL INFORMATION:

Formation: **Lansing A-C**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 17:26:59
 Time Test Ended: 22:18:44
 Interval: **3258.00 ft (KB) To 3305.00 ft (KB) (TVD)**
 Total Depth: 3305.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Chris Staats
 Unit No: 47
 Reference Elevations: 1979.00 ft (KB)
 1969.00 ft (CF)
 KB to GR/CF: 10.00 ft

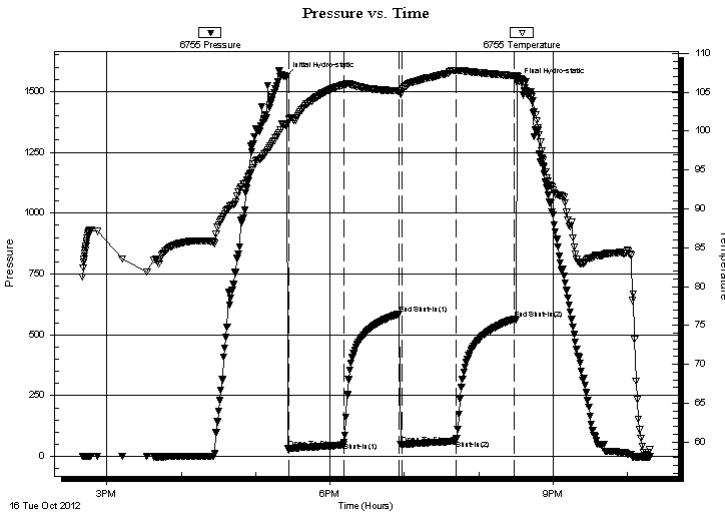
Serial #: 6755

Inside

Press @ Run Depth: 65.67 psig @ 3259.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2012.10.16 End Date: 2012.10.16 Last Calib.: 2012.10.16
 Start Time: 14:40:19 End Time: 22:18:43 Time On Btm: 2012.10.16 @ 17:24:29
 Time Off Btm: 2012.10.16 @ 20:30:59

TEST COMMENT: IF: Fair blow 5 1/2"
 IS: No blow back
 FF: Weak blow 2"
 FS: No blow back

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1561.22	100.69	Initial Hydro-static
3	32.06	101.59	Open To Flow (1)
47	58.21	105.98	Shut-In(1)
92	585.92	105.15	End Shut-In(1)
94	48.80	104.89	Open To Flow (2)
138	65.67	107.76	Shut-In(2)
185	565.17	107.12	End Shut-In(2)
187	1535.76	107.11	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	Mud With oil spots	0.14
60.00	M,W 30% mud 70% water	0.84

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TDI Inc
1310 Bison RD
Hays KS 67601
ATTN: Tom Denning/ Herb De

24-15s-19w Ellis,KS
GW Unit #1
Job Ticket: 49663 **DST#: 1**
Test Start: 2012.10.16 @ 14:40:14

GENERAL INFORMATION:

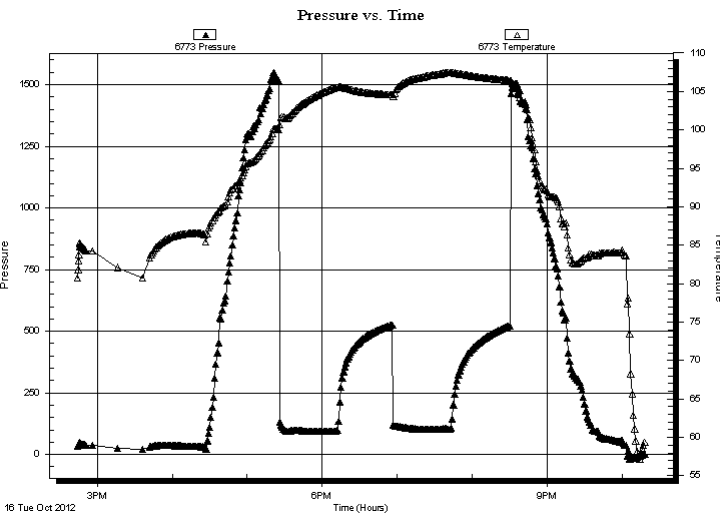
Formation: Lansing A-C		
Deviated: No Whipstock:	ft (KB)	Test Type: Conventional Bottom Hole (Initial)
Time Tool Opened: 17:26:59		Tester: Chris Staats
Time Test Ended: 22:18:44		Unit No: 47
Interval: 3258.00 ft (KB) To 3305.00 ft (KB) (TVD)		Reference Elevations: 1979.00 ft (KB)
Total Depth: 3305.00 ft (KB) (TVD)		1969.00 ft (CF)
Hole Diameter: 7.88 inches	Hole Condition: Fair	KB to GR/CF: 10.00 ft

Serial #: 6773

Outside

Press@RunDepth: psig @	3259.00 ft (KB)	Capacity:	8000.00 psig
Start Date: 2012.10.16	End Date: 2012.10.16	Last Calib.:	2012.10.16
Start Time: 14:44:15	End Time: 22:18:39	Time On Btm:	
		Time Off Btm:	

TEST COMMENT: IF: Fair blow 5 1/2"
IS: No blow back
FF: Weak blow 2"
FS: No blow back



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
10.00	Mud With oil spots	0.14
60.00	M,W 30% mud 70% water	0.84

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

TDI Inc
1310 Bison RD
Hays KS 67601

24-15s-19w Ellis,KS

GW Unit #1

Job Ticket: 49663

DST#: 1

ATTN: Tom Denning/ Herb De

Test Start: 2012.10.16 @ 14:40:14

Tool Information

Drill Pipe:	Length: 3256.00 ft	Diameter: 3.80 inches	Volume: 45.67 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 48000.00 lb
			<u>Total Volume: 45.67 bbl</u>	Tool Chased 4.00 ft
Drill Pipe Above KB:	26.00 ft			String Weight: Initial 32000.00 lb
Depth to Top Packer:	3258.00 ft			Final 32000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	47.00 ft			
Tool Length:	75.00 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			3231.00	
Shut In Tool	5.00			3236.00	
Hydraulic tool	5.00			3241.00	
Jars	5.00			3246.00	
Safety Joint	3.00			3249.00	
Packer	5.00			3254.00	28.00 Bottom Of Top Packer
Packer	4.00			3258.00	
Stubb	1.00			3259.00	
Recorder	0.00	6773	Outside	3259.00	
Recorder	0.00	6755	Inside	3259.00	
Perforations	1.00			3260.00	
Change Over Sub	0.50			3260.50	
Drill Pipe	31.00			3291.50	
Change Over Sub	0.50			3292.00	
Perforations	10.00			3302.00	
Bullnose	3.00			3305.00	47.00 Bottom Packers & Anchor
Total Tool Length:	75.00				



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

TDI Inc
1310 Bison RD
Hays KS 67601
ATTN: Tom Denning/ Herb De

24-15s-19w Ellis,KS
GW Unit #1
Job Ticket: 49663
Test Start: 2012.10.16 @ 14:40:14

DST#: 1

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: 51.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.58 in ³	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 4100.00 ppm			
Filter Cake: 0.02 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	Mud With oil spots	0.140
60.00	M,W 30% mud 70% w ater	0.842

Total Length: 70.00 ft Total Volume: 0.982 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments:

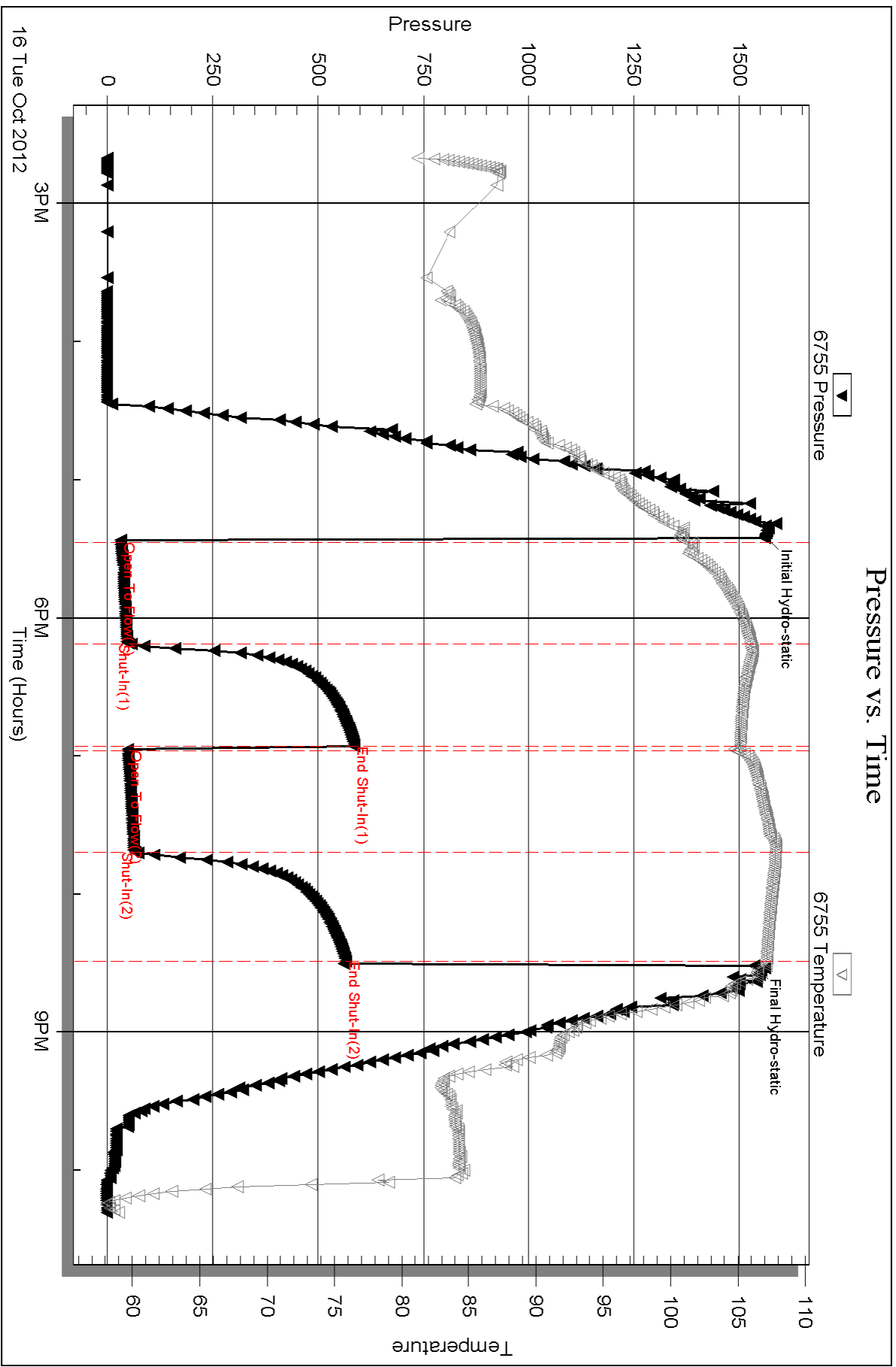
Serial #: 6755

Inside

TDI Inc

GW Unit #1

DST Test Number: 1

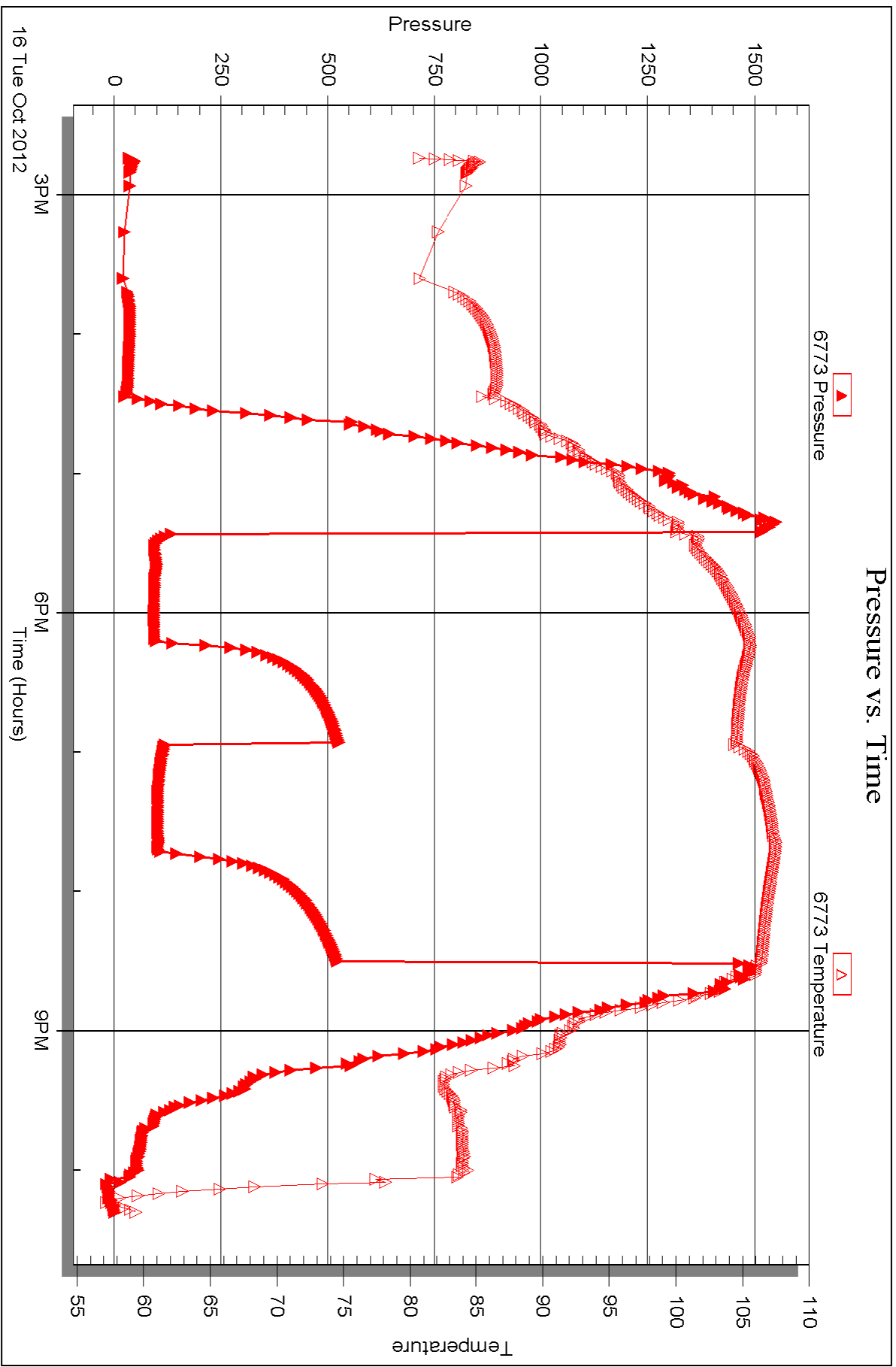


Serial #: 6773

Outside TDI Inc

GW Unit #1

DST Test Number: 1





DRILL STEM TEST REPORT

Prepared For: **TDI Inc**

1310 Bison RD
Hays KS 67601

ATTN: Tom Denning/ Herb De

GW Unit #1

24-15s-19w Ellis,KS

Start Date: 2012.10.18 @ 11:30:00

End Date: 2012.10.18 @ 18:08:30

Job Ticket #: 50777 DST #: 2

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

Printed: 2012.10.19 @ 15:27:07

TDI Inc
24-15s-19w Ellis,KS
GW Unit #1
DST # 2
KC "H-J"
2012.10.18



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

TDI Inc
 1310 Bison RD
 Hays KS 67601
 ATTN: Tom Denning/ Herb De

24-15s-19w Ellis,KS
GW Unit #1
 Job Ticket: 50777 **DST#: 2**
 Test Start: 2012.10.18 @ 11:30:00

GENERAL INFORMATION:

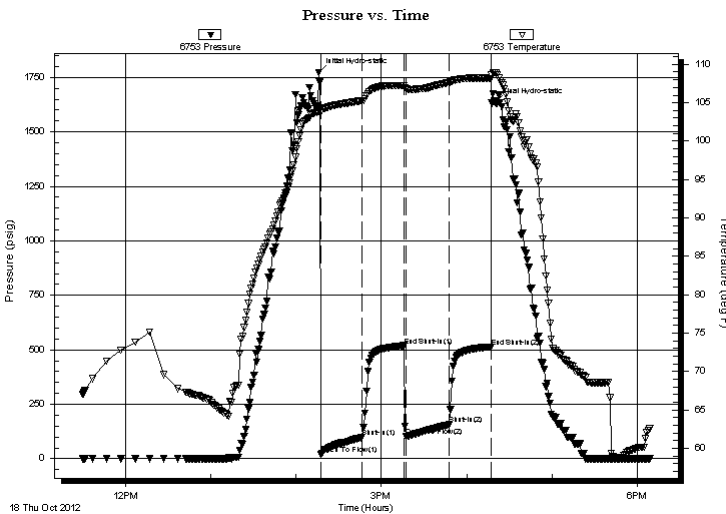
Formation: **KC "H-J"**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 14:17:30
 Time Test Ended: 18:08:30
Interval: 3382.00 ft (KB) To 3464.00 ft (KB) (TVD)
 Total Depth: 3724.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Straddle (Reset)
 Tester: Brett Dickinson
 Unit No: 59
 Reference Elevations: 1979.00 ft (KB)
 1969.00 ft (CF)
 KB to GR/CF: 10.00 ft

Serial #: 6753 Outside

Press @ Run Depth: 156.25 psig @ 3460.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2012.10.18 End Date: 2012.10.18 Last Calib.: 2012.10.18
 Start Time: 11:30:05 End Time: 18:08:29 Time On Btm: 2012.10.18 @ 14:16:00
 Time Off Btm: 2012.10.18 @ 16:20:00

TEST COMMENT: IF-BOB in 4 min
 ISI-1/2" blow
 FF-BOB in 2 min
 FSI-BOB in 6 min

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1772.97	103.91	Initial Hydro-static
2	19.96	103.78	Open To Flow (1)
31	98.42	105.29	Shut-In(1)
60	518.56	107.27	End Shut-In(1)
62	102.74	106.80	Open To Flow (2)
92	156.25	107.64	Shut-In(2)
121	513.79	108.19	End Shut-In(2)
124	1636.34	108.90	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
70.00	SGO 90%O 10%G	0.98
185.00	GSMCO 40%G 10%M 50%O	2.60
125.00	GVSMCO 35%G 5%M 60%O	1.75
0.00	245ft GIP	0.00

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TDI Inc
1310 Bison RD
Hays KS 67601

ATTN: Tom Denning/ Herb De

24-15s-19w Ellis,KS

GW Unit #1

Job Ticket: 50777

DST#: 2

Test Start: 2012.10.18 @ 11:30:00

GENERAL INFORMATION:

Formation: **KC "H-J"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 14:17:30

Time Test Ended: 18:08:30

Test Type: Conventional Straddle (Reset)

Tester: Brett Dickinson

Unit No: 59

Interval: 3382.00 ft (KB) To 3464.00 ft (KB) (TVD)

Total Depth: 3724.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 1979.00 ft (KB)

1969.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 8166 Inside

Press @ Run Depth: psig @ 3460.00 ft (KB)

Start Date: 2012.10.18 End Date: 2012.10.18

Start Time: 11:30:05 End Time: 18:08:29

Capacity: 8000.00 psig

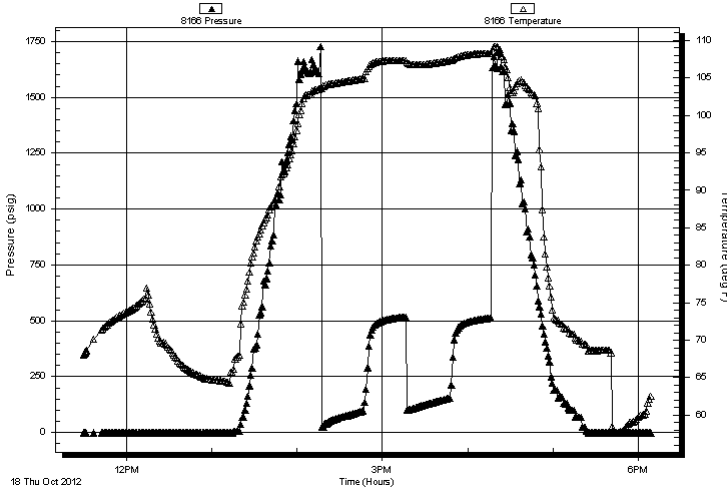
Last Calib.: 2012.10.18

Time On Btm:

Time Off Btm:

TEST COMMENT: IF-BOB in 4 min
ISI-1/2" blow
FF-BOB in 2 min
FSI-BOB in 6 min

Pressure vs. Time



PRESSURE SUMMARY

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

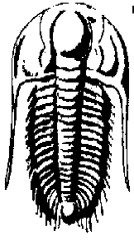
Recovery

Length (ft)	Description	Volume (bbl)
70.00	SGO 90%O 10%G	0.98
185.00	GSMCO 40%G 10%M 50%O	2.60
125.00	GVSMCO 35%G 5%M 60%O	1.75
0.00	245ft GIP	0.00

Gas Rates

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

* Recovery from multiple tests



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

TDI Inc
 1310 Bison RD
 Hays KS 67601
 ATTN: Tom Denning/ Herb De

24-15s-19w Ellis, KS
GW Unit #1
 Job Ticket: 50777 **DST#: 2**
 Test Start: 2012.10.18 @ 11:30:00

GENERAL INFORMATION:

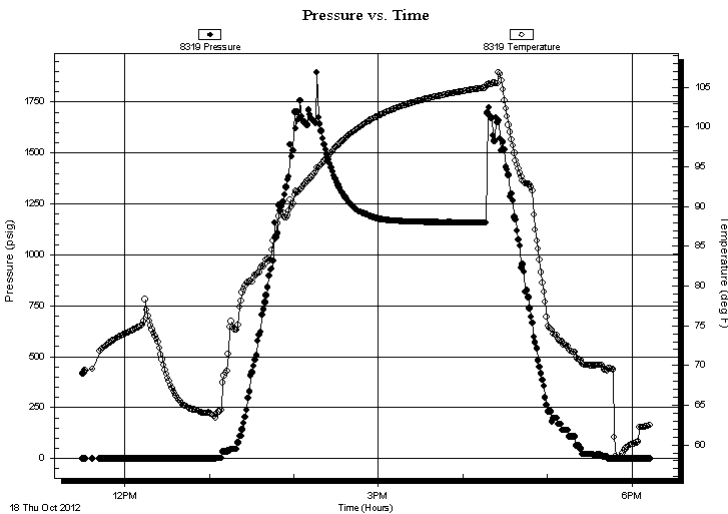
Formation: **KC "H-J"**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 14:17:30
 Time Test Ended: 18:08:30
 Interval: **3382.00 ft (KB) To 3464.00 ft (KB) (TVD)**
 Total Depth: 3724.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Straddle (Reset)
 Tester: Brett Dickinson
 Unit No: 59
 Reference Elevations: 1979.00 ft (KB)
 1969.00 ft (CF)
 KB to GR/CF: 10.00 ft

Serial #: 8319 Below (Straddle)

Press @ Run Depth: psig @ 3469.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2012.10.18 End Date: 2012.10.18 Last Calib.: 2012.10.18
 Start Time: 11:30:05 End Time: 18:12:59 Time On Btm:
 Time Off Btm:

TEST COMMENT: IF-BOB in 4 min
 ISI-1/2" blow
 FF-BOB in 2 min
 FSI-BOB in 6 min

PRESSURE SUMMARY



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

Recovery

Length (ft)	Description	Volume (bbl)
70.00	SGO 90%O 10%G	0.98
185.00	GSMCO 40%G 10%M 50%O	2.60
125.00	GVSMCO 35%G 5%M 60%O	1.75
0.00	245ft GIP	0.00

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

TDI Inc
1310 Bison RD
Hays KS 67601

24-15s-19w Ellis,KS

GW Unit #1

Job Ticket: 50777

DST#: 2

ATTN: Tom Denning/ Herb De

Test Start: 2012.10.18 @ 11:30:00

Tool Information

Drill Pipe:	Length: 3390.00 ft	Diameter: 3.80 inches	Volume: 47.55 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 45000.00 lb
			<u>Total Volume: 47.55 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	28.00 ft			String Weight: Initial 38000.00 lb
Depth to Top Packer:	3382.00 ft			Final 40000.00 lb
Depth to Bottom Packer:	3464.00 ft			
Interval between Packers:	82.00 ft			
Tool Length:	365.00 ft			
Number of Packers:	3	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3363.00	
Shut In Tool	5.00			3368.00	
Hydraulic tool	5.00			3373.00	
Packer	4.00			3377.00	20.00 Bottom Of Top Packer
Packer	5.00			3382.00	
Stubb	1.00			3383.00	
Perforations	3.00			3386.00	
change Over Sub	1.00			3387.00	
Blank Spacing	63.00			3450.00	
change Over Sub	1.00			3451.00	
Perforations	9.00			3460.00	
Recorder	0.00	8166	Inside	3460.00	
Recorder	0.00	6753	Outside	3460.00	
Blank Off Sub	4.00			3464.00	82.00 Tool Interval
Packer	4.00			3468.00	
Stubb	1.00			3469.00	
Recorder	0.00	8319	Below	3469.00	
perforations	2.00			3471.00	
Change Over Sub	1.00			3472.00	
Blank Spacing	251.00			3723.00	
Change Over Sub	1.00			3724.00	
Bullnose	3.00			3727.00	263.00 Bottom Packers & Anchor

Total Tool Length: 365.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

TDI Inc
1310 Bison RD
Hays KS 67601
ATTN: Tom Denning/ Herb De

24-15s-19w Ellis,KS
GW Unit #1
Job Ticket: 50777
Test Start: 2012.10.18 @ 11:30:00

DST#: 2

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: 56.00 sec/qt	Cushion Volume: bbl	
Water Loss: 7.79 in ³	Gas Cushion Type:	
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig	
Salinity: 4100.00 ppm		
Filter Cake: inches		

Recovery Information

Recovery Table

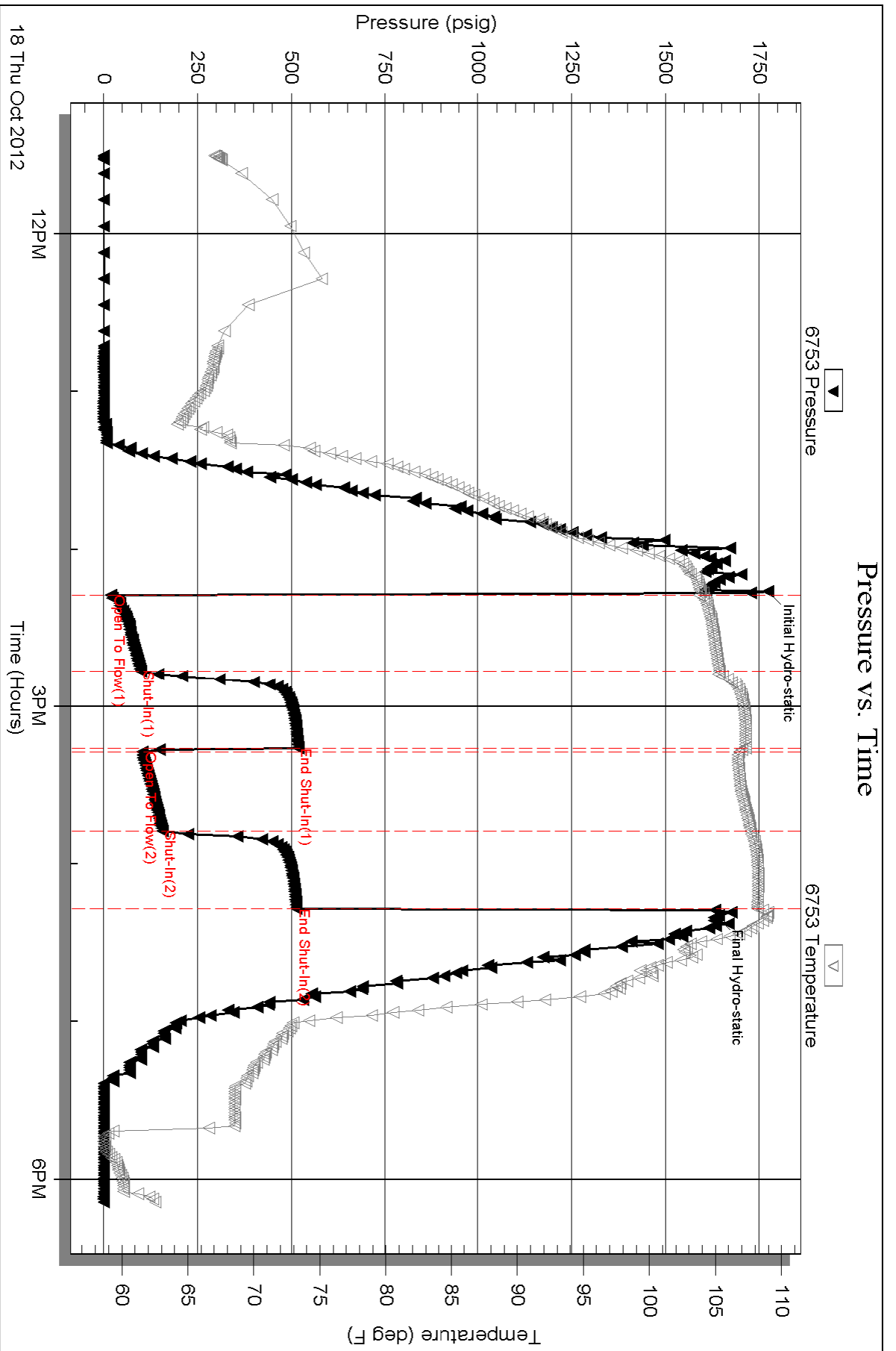
Length ft	Description	Volume bbl
70.00	SGO 90%O 10%G	0.982
185.00	GSMCO 40%G 10%M 50%O	2.595
125.00	GVS MCO 35%G 5%M 60%O	1.753
0.00	245ft GIP	0.000

Total Length: 380.00 ft Total Volume: 5.330 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments:



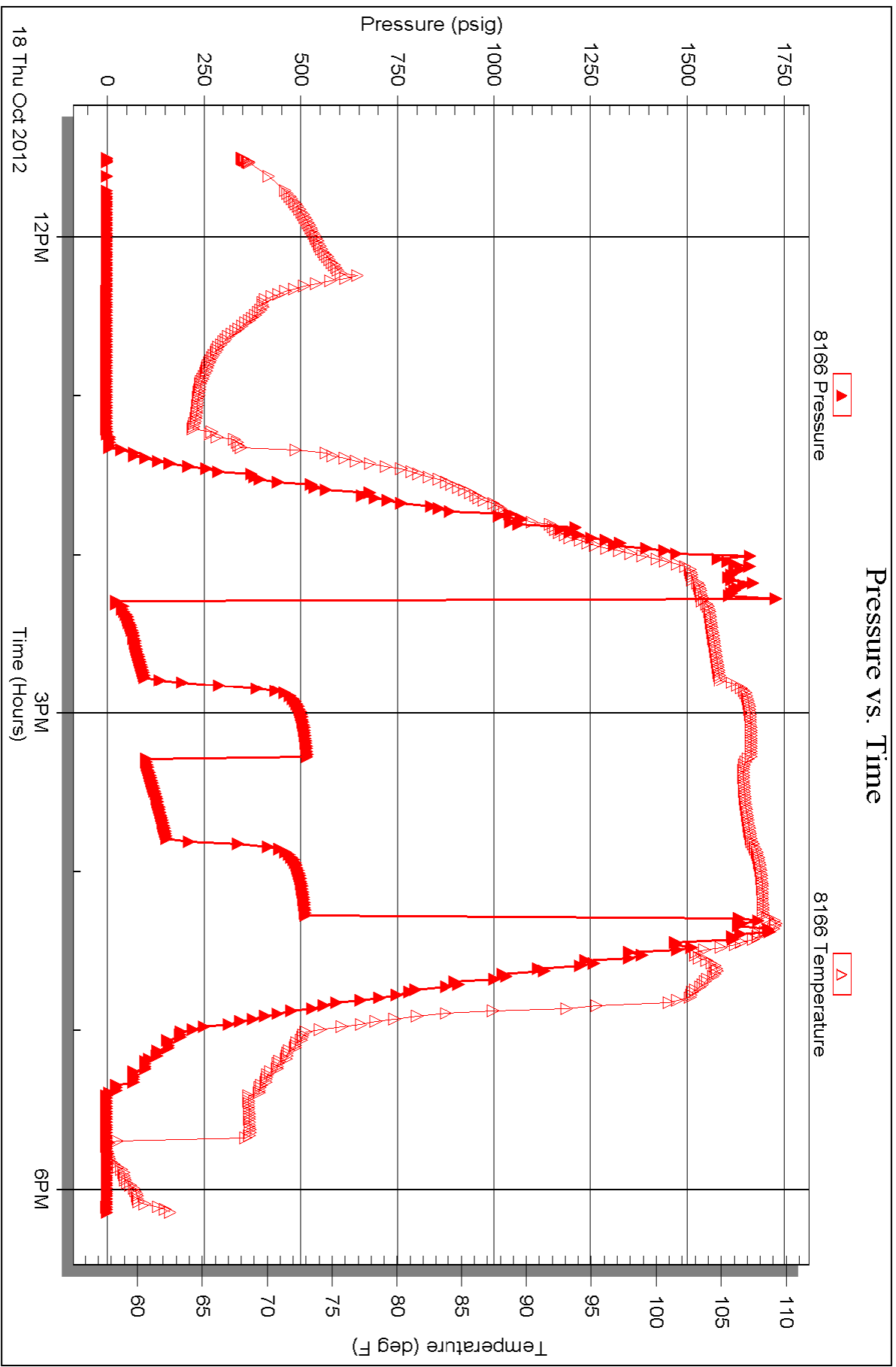
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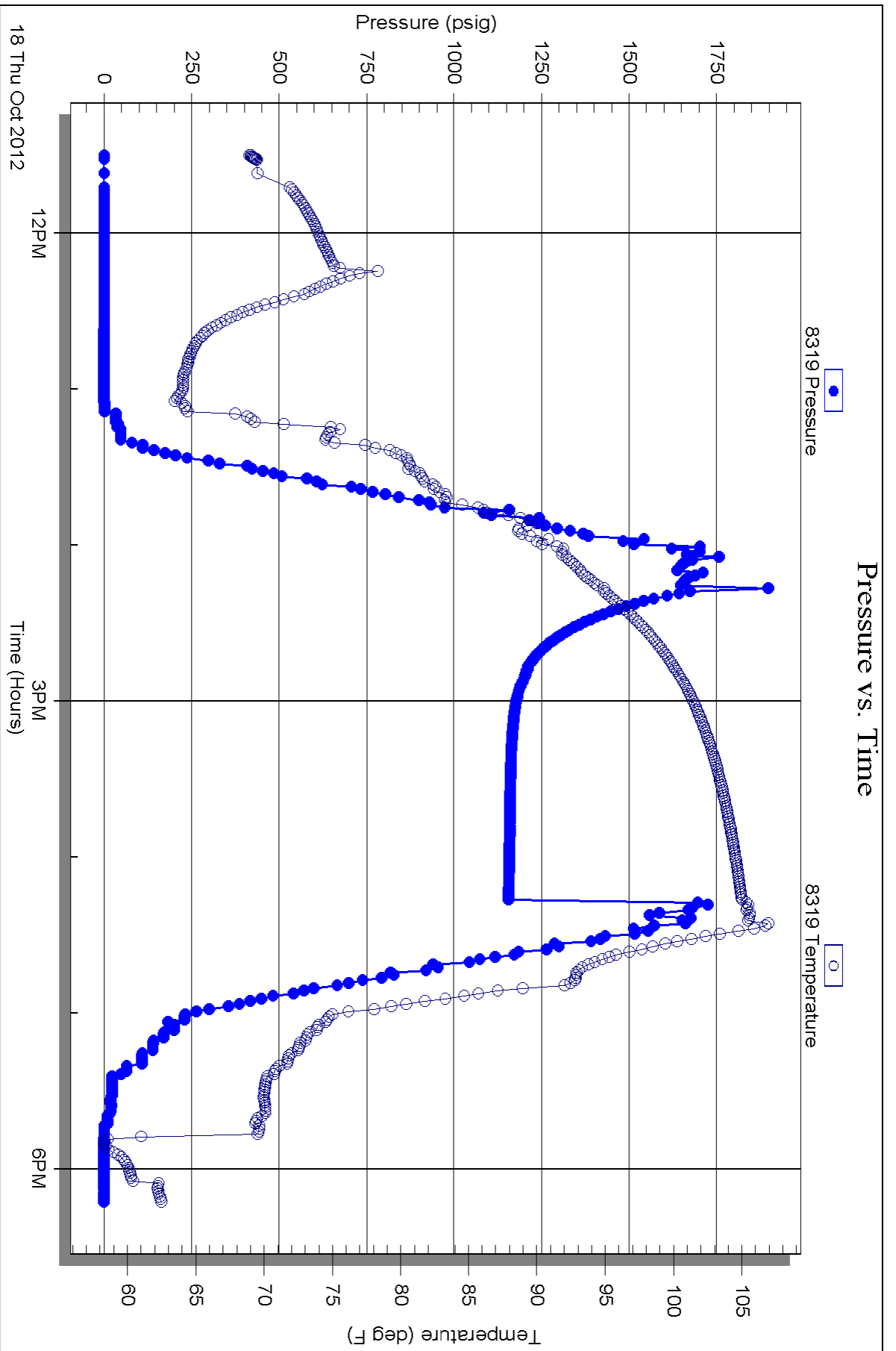
Inside

TDI Inc

GW Unit #1

DST Test Number: 2







TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 49663

Well Name & No. G-W Unit #1 Test No. 1 Date 10-16-12
 Company TDF INC Elevation 1979 KB 1969 GL
 Address 1310 Bison RD Hays KS 67601
 Co. Rep / Geo. Tom Denning / Herb Deines Rig Southwind #1
 Location: Sec. 24 Twp. 15S Rge. 19W Co. Ellis State KS

Interval Tested 3258 - 3305 Zone Tested Lensing A-C
 Anchor Length 47' Drill Pipe Run 3265 Mud Wt. 8.8
 Top Packer Depth 3253 Drill Collars Run 0 Vis SI
 Bottom Packer Depth 3258 Wt. Pipe Run 0 WL 7.6
 Total Depth 3305 Chlorides 400 ppm System LCM 1

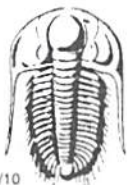
Blow Description FF: Fair blow 5 1/2"
ISI NO blow back
FF weak blow 2"
FSI NO blow back

Rec	Feet of	%gas	%oil	%water	%mud
<u>10'</u>	<u>MOD WITH OIL SPOTS</u>				
<u>60'</u>	<u>M, W</u>			<u>70%</u>	<u>30%</u>
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 70' BHT 115 Gravity - API RW 110 @ 60 °F Chlorides 27,000 ppm
 (A) Initial Hydrostatic 1561 Test 1150 T-On Location 14:25
 (B) First Initial Flow 32 Jars T-Started 14:40
 (C) First Final Flow 58 Safety Joint T-Open 17:26
 (D) Initial Shut-In 585 Circ Sub T-Pulled 20:30
 (E) Second Initial Flow 48 Hourly Standby T-Out _____
 (F) Second Final Flow 65 Mileage 30 miles 46.50 Comments _____
 (G) Final Shut-In 565 Sampler _____
 (H) Final Hydrostatic 1535 Straddle _____ Ruined Shale Packer _____
 Initial Open 45 Shale Packer _____ Ruined Packer _____
 Initial Shut-In 45 Extra Packer _____ Extra Copies _____
 Final Flow 45 Extra Recorder _____ Sub Total 0
 Final Shut-In 45 Day Standby _____ Total 1196.50
 Accessibility _____ MP/DST Disc't _____
 Sub Total 1196.50

Approved By [Signature] Our Representative [Signature]

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. 50777

Well Name & No. GW Unit well #1 Test No. 2 Date 10/18/12
 Company TPI Inc. Elevation 1978 KB 1968 GL
 Address 1310 Bison Rd Hays KS 67601
 Co. Rep / Geo. _____ Rig Southwind #1
 Location: Sec. 24 Twp. 15 Rge. 19 Co. Ellis State KS

Interval Tested 3382 - 3464 Zone Tested KC "H, I, J"
 Anchor Length 82 Drill Pipe Run 3390 Mud Wt. 9.2
 Top Packer Depth 3377, 3382 Drill Collars Run — Vis 56
 Bottom Packer Depth 3464 Wt. Pipe Run — WL 2.8
 Total Depth 3724 Chlorides 4,100 ppm System LCM 1

Blow Description IF-BOB in 4 min
ISI - 1/2 in blow
FF-BOB in 2 min
FSI-BOB in 6 min

Rec	Feet of	%gas	%oil	%water	%mud
<u>20</u>	<u>SGO</u>	<u>10</u>	<u>90</u>		
<u>185</u>	<u>6SMCO</u>	<u>40</u>	<u>50</u>	<u>10</u>	
<u>125</u>	<u>6VSMCO</u>	<u>35</u>	<u>60</u>	<u>5</u>	
Rec _____	Feet of _____	%gas _____	%oil _____	%water _____	%mud _____
Rec _____	Feet of <u>245 FT GIP</u>	%gas _____	%oil _____	%water _____	%mud _____

Rec Total 380 BHT 108 Gravity 37 API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic 1,773 Test 1150 T-On Location 10:15
 (B) First Initial Flow 20 Jars _____ T-Started 11:30
 (C) First Final Flow 98 Safety Joint _____ T-Open 14:10
 (D) Initial Shut-In 519 Circ Sub _____ T-Pulled 16:10
 (E) Second Initial Flow 103 Hourly Standby _____ T-Out 18:10
 (F) Second Final Flow 156 Mileage 30 RT 46.50 Comments _____
 (G) Final Shut-In 514 Sampler _____
 (H) Final Hydrostatic 1,636 Straddle 600 Ruined Shale Packer _____

Initial Open 30 Shale Packer _____ Ruined Packer _____
 Initial Shut-In 30 Extra Packer _____ Extra Copies _____
 Final Flow 30 Extra Recorder _____ Sub Total 0
 Final Shut-In 30 Day Standby _____ Total 1796.50
 Accessibility _____ MP/DST Disc't _____
 Sub Total 1796.50

Approved By _____ Our Representative [Signature]

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.