



DRILL STEM TEST REPORT

Prepared For: **Gore Oil Company**

PO Box 2757
Wichita KS 67202

ATTN: Chuck Sshmaltz

Ordway C #10

16-10s-18w Rooks,KS

Start Date: 2014.11.05 @ 18:50:00

End Date: 2014.11.06 @ 07:32:30

Job Ticket #: 62476 DST #: 1

Trilobite Testing, Inc
1515 Commerce Parkway Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2014.11.13 @ 14:25:14



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Gore Oil Company

16-10s-18w Rooks,KS

PO Box 2757
Wichita KS 67202

Ordway C #10

Job Ticket: 62476

DST#: 1

ATTN: Chuck Sshmaltz

Test Start: 2014.11.05 @ 18:50:00

GENERAL INFORMATION:

Formation: **Oread**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 23:41:15

Time Test Ended: 07:32:30

Test Type: Conventional Bottom Hole (Initial)

Tester: Bob Hamel

Unit No: 72

Interval: 3240.00 ft (KB) To 3318.00 ft (KB) (TVD)

Reference Elevations: 2137.00 ft (KB)

Total Depth: 3318.00 ft (KB) (TVD)

2130.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 7.00 ft

Serial #: 6772 Inside

Press@RunDepth: 66.32 psig @ 3309.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.11.05

End Date:

2014.11.06

Last Calib.: 2014.11.05

Start Time: 18:50:05

End Time:

07:32:30

Time On Btm: 2014.11.05 @ 23:37:00

Time Off Btm: 2014.11.06 @ 03:03:30

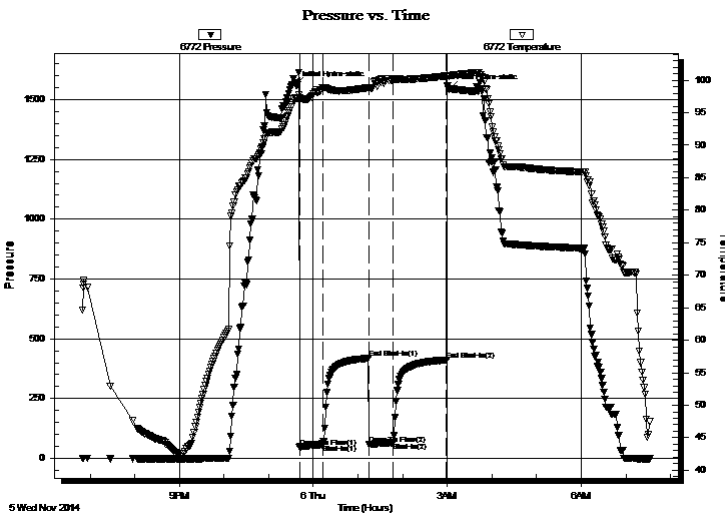
TEST COMMENT: I.F. - 30 - Weak surface blow died in 1 min

I.S.I. - 60 - No blow back

F.F. - 30 - No blow

F.S.I. - 60 - No blow back

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1560.36	97.25	Initial Hydro-static
5	47.42	97.32	Open To Flow (1)
37	58.58	98.82	Shut-In(1)
98	418.96	98.86	End Shut-In(1)
99	59.00	98.79	Open To Flow (2)
131	66.32	100.10	Shut-In(2)
202	411.56	100.66	End Shut-In(2)
207	1545.35	100.70	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	Mud With Few Oil Specs 100%M	0.05

Gas Rates

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



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DRILL STEM TEST REPORT

Gore Oil Company

PO Box 2757
Wichita KS 67202

ATTN: Chuck Sshmaltz

16-10s-18w Rooks,KS

Ordway C #10

Job Ticket: 62476

DST#: 1

Test Start: 2014.11.05 @ 18:50:00

GENERAL INFORMATION:

Formation: **Oread**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 23:41:15

Time Test Ended: 07:32:30

Test Type: Conventional Bottom Hole (Initial)

Tester: Bob Hamel

Unit No: 72

Interval: 3240.00 ft (KB) To 3318.00 ft (KB) (TVD)

Total Depth: 3318.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2137.00 ft (KB)

2130.00 ft (CF)

KB to GR/CF: 7.00 ft

Serial #: 8167 Outside

Press@RunDepth: psig @ 3309.00 ft (KB)

Start Date: 2014.11.05

End Date: 2014.11.06

Capacity: 8000.00 psig

Last Calib.: 2014.11.05

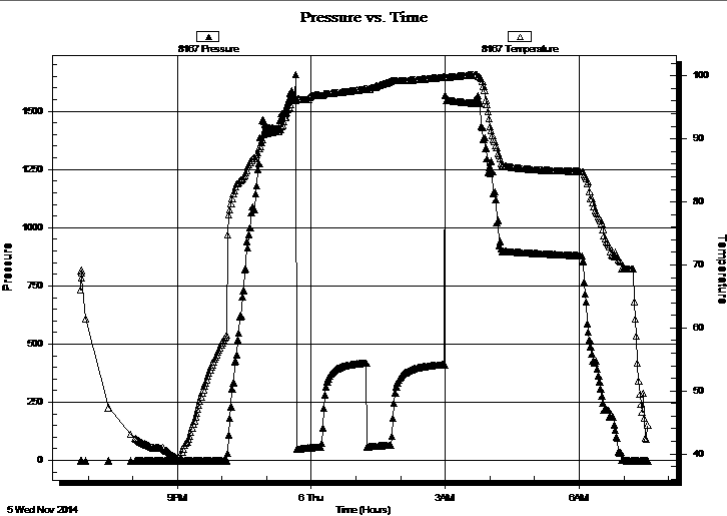
Start Time: 18:50:05

End Time: 07:32:30

Time On Btm:

Time Off Btm:

TEST COMMENT: I.F. - 30 - Weak surface blow died in 1 min
I.S.I. - 60 - No blow back
F.F. - 30 - No blow
F.S.I. - 60 - No blow back



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
10.00	Mud With Few Oil Specs 100%M	0.05

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Gore Oil Company

16-10s-18w Rooks,KS

PO Box 2757
Wichita KS 67202

Ordway C #10

Job Ticket: 62476

DST#: 1

ATTN: Chuck Sshmaltz

Test Start: 2014.11.05 @ 18:50:00

Tool Information

Drill Pipe:	Length: 3117.00 ft	Diameter: 3.80 inches	Volume: 43.72 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: 30000.00 lb
Drill Collar:	Length: 126.00 ft	Diameter: 2.25 inches	Volume: 0.62 bbl	Weight to Pull Loose: 60000.00 lb
			<u>Total Volume: 44.34 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	26.00 ft			String Weight: Initial 50000.00 lb
Depth to Top Packer:	3240.00 ft			Final 50000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	78.00 ft			
Tool Length:	101.00 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			3218.00	
Shut In Tool	5.00			3223.00	
Hydraulic tool	5.00			3228.00	
Safety Joint	3.00			3231.00	
Packer	5.00			3236.00	23.00 Bottom Of Top Packer
Packer	4.00			3240.00	
Stubb	1.00			3241.00	
Perforations	3.00			3244.00	
Change Over Sub	1.00			3245.00	
Drill Pipe	63.00			3308.00	
Change Over Sub	1.00			3309.00	
Recorder	0.00	6772	Inside	3309.00	
Recorder	0.00	8167	Outside	3309.00	
Perforations	6.00			3315.00	
Bullnose	3.00			3318.00	78.00 Bottom Packers & Anchor

Total Tool Length: 101.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Gore Oil Company

16-10s-18w Rooks,KS

PO Box 2757
Wichita KS 67202

Ordway C #10

Job Ticket: 62476

DST#: 1

ATTN: Chuck Sshmaltz

Test Start: 2014.11.05 @ 18:50:00

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:

bbf

Water Loss: 7.97 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 2500.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbf
10.00	Mud With Few Oil Specs 100%M	0.049

Total Length: 10.00 ft Total Volume: 0.049 bbf

Num Fluid Samples: 0

Num Gas Bombs: 0

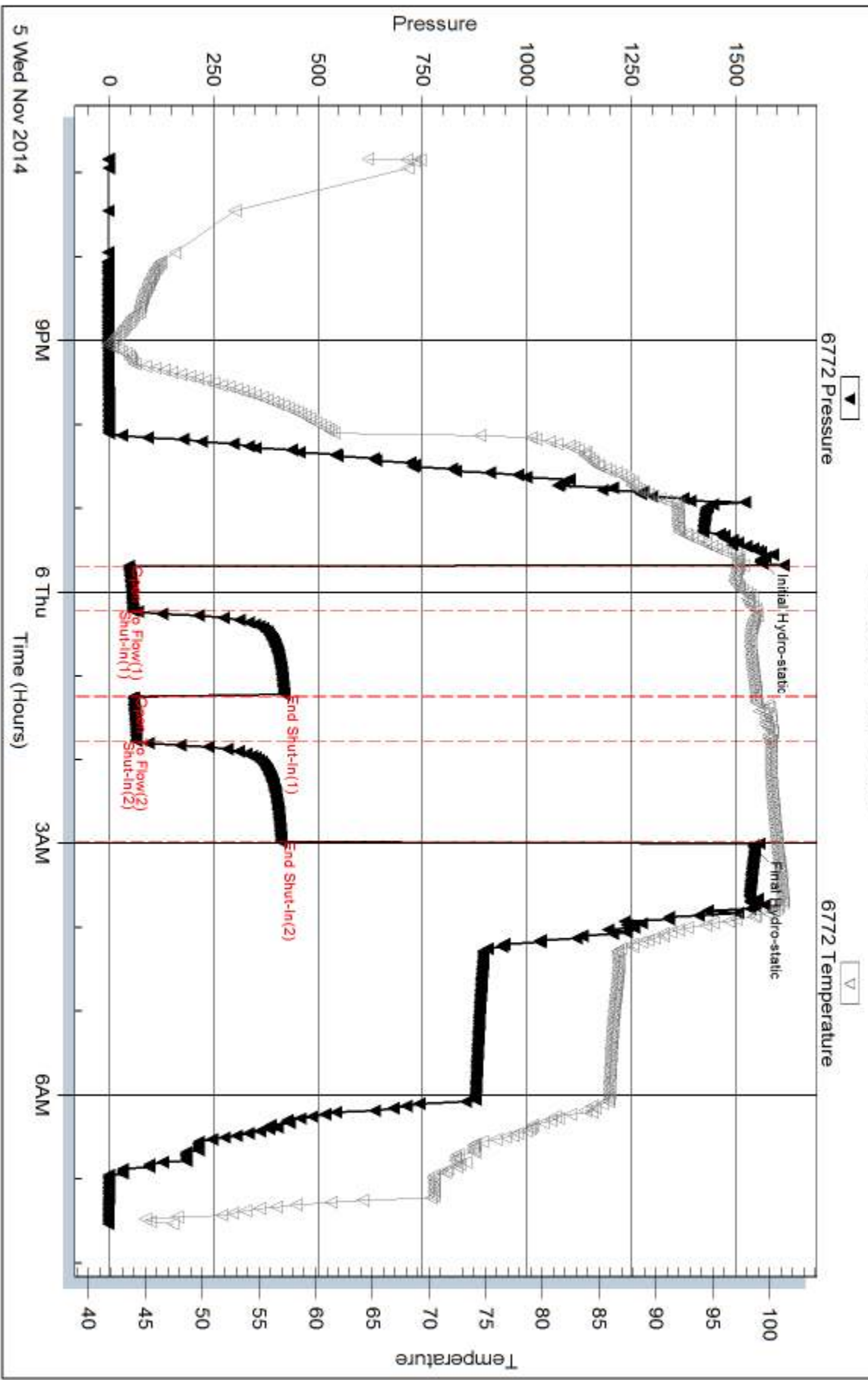
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time

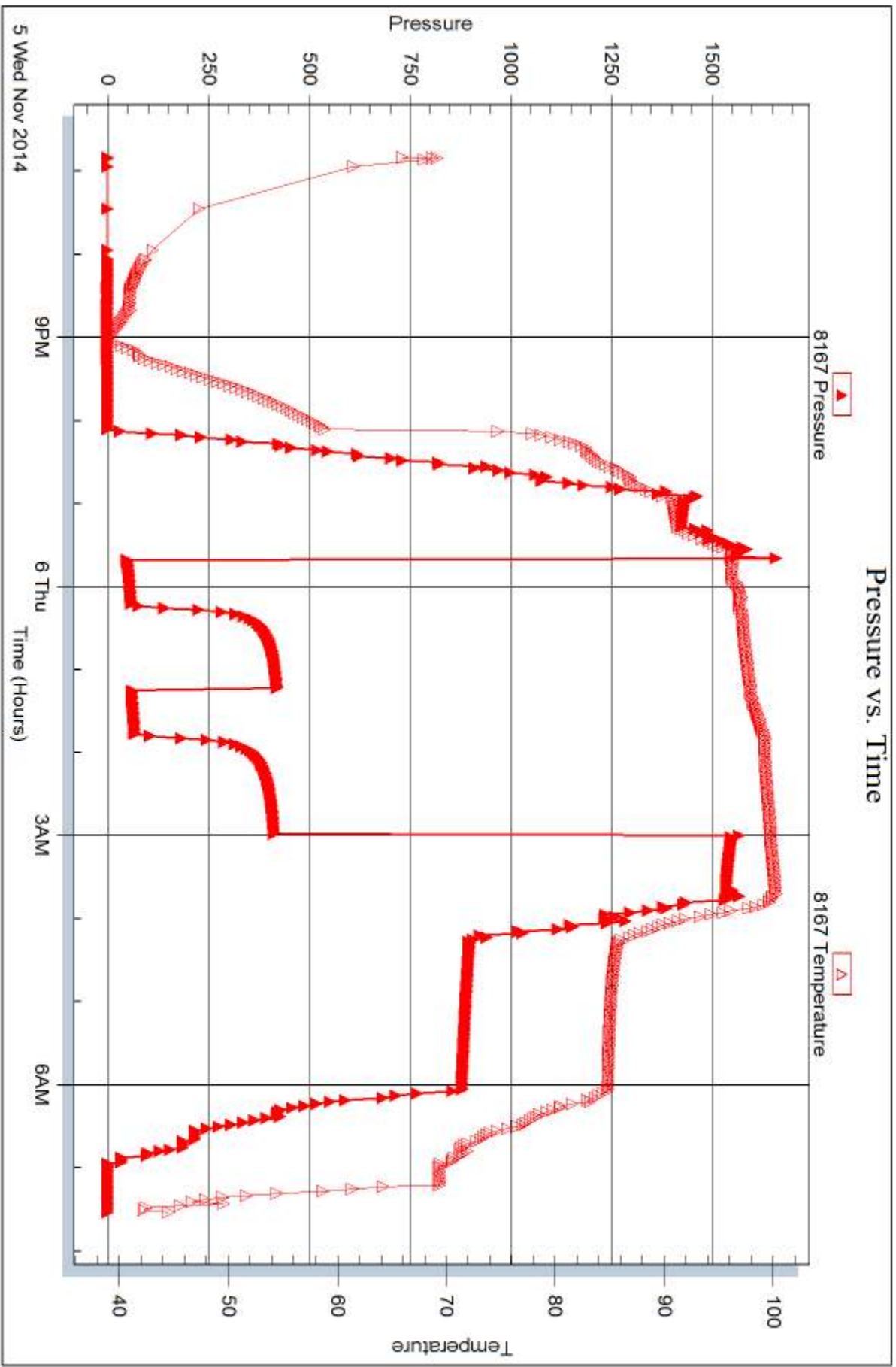


Serial #: 8167

Outside Gore Oil Company

Ordw ay C#10

DST Test Number: 1



Trilobite Testing, Inc

Ref. No: 62476

Printed: 2014.11.13 @ 14:25:15



DRILL STEM TEST REPORT

Prepared For: **Gore Oil Company**

PO Box 2757
Wichita KS 67202

ATTN: Chuck Sshmaltz

Ordway C #10

16-10s-18w Rooks,KS

Start Date: 2014.11.05 @ 23:37:00

End Date: 2014.11.06 @ 08:49:15

Job Ticket #: 62477 DST #: 2

Trilobite Testing, Inc
1515 Commerce Parkway Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2014.11.13 @ 14:24:43

Gore Oil Company
16-10s-18w Rooks,KS
Ordway C #10
DST # 2
LKC " A - F"
2014.11.05



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Gore Oil Company

16-10s-18w Rooks,KS

PO Box 2757
Wichita KS 67202

Ordway C #10

Job Ticket: 62477

DST#: 2

ATTN: Chuck Sshmaltz

Test Start: 2014.11.05 @ 23:37:00

GENERAL INFORMATION:

Formation: **LKC " A - F"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 02:39:15

Time Test Ended: 08:49:15

Test Type: Conventional Bottom Hole (Reset)

Tester: Bob Hamel

Unit No: 72

Interval: 3321.00 ft (KB) To 3460.00 ft (KB) (TVD)

Reference Elevations: 2137.00 ft (KB)

Total Depth: 3460.00 ft (KB) (TVD)

2130.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 7.00 ft

Serial #: 6772 Inside

Press@RunDepth: 105.90 psig @ 3451.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.11.05

End Date:

2014.11.06

Last Calib.:

2014.11.06

Start Time: 23:37:05

End Time:

08:49:15

Time On Btm:

2014.11.06 @ 02:38:00

Time Off Btm:

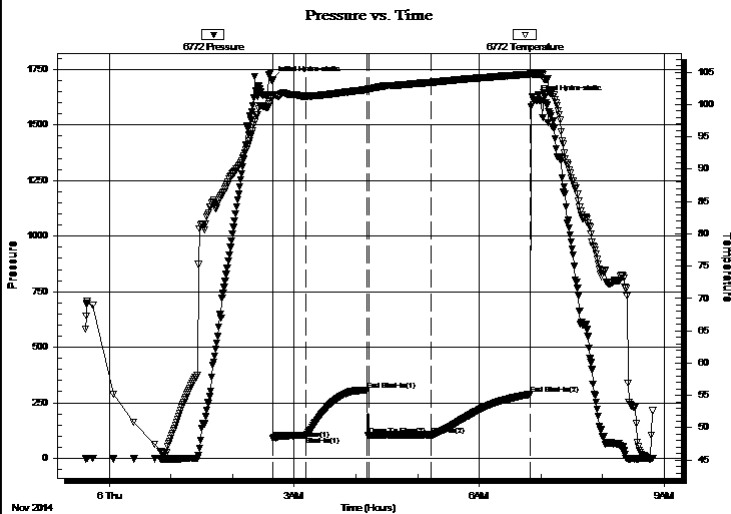
2014.11.06 @ 06:53:45

TEST COMMENT: I.F. - 30 - Weak blow built to 4"

I.S.I. - 60 - No blow back

F.F. - 60 - No blow

F.S.I. - 90 - No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1702.31	101.26	Initial Hydro-static
2	87.88	101.07	Open To Flow (1)
34	99.85	101.31	Shut-In(1)
93	306.32	102.32	End Shut-In(1)
95	101.81	102.46	Open To Flow (2)
155	105.90	103.42	Shut-In(2)
252	287.86	104.70	End Shut-In(2)
256	1613.76	104.64	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
30.00	MUD 100%	0.15

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
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DRILL STEM TEST REPORT

Gore Oil Company

PO Box 2757
Wichita KS 67202

ATTN: Chuck Sshmaltz

16-10s-18w Rooks,KS

Ordway C #10

Job Ticket: 62477

DST#: 2

Test Start: 2014.11.05 @ 23:37:00

GENERAL INFORMATION:

Formation: **LKC " A - F"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 02:39:15

Time Test Ended: 08:49:15

Test Type: Conventional Bottom Hole (Reset)

Tester: Bob Hamel

Unit No: 72

Interval: 3321.00 ft (KB) To 3460.00 ft (KB) (TVD)

Reference Elevations: 2137.00 ft (KB)

Total Depth: 3460.00 ft (KB) (TVD)

2130.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 7.00 ft

Serial #: 8167 Outside

Press@RunDepth: psig @ 3451.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.11.05 End Date: 2014.11.06

Last Calib.: 2014.11.06

Start Time: 23:37:05 End Time: 10:04:00

Time On Btm:

Time Off Btm:

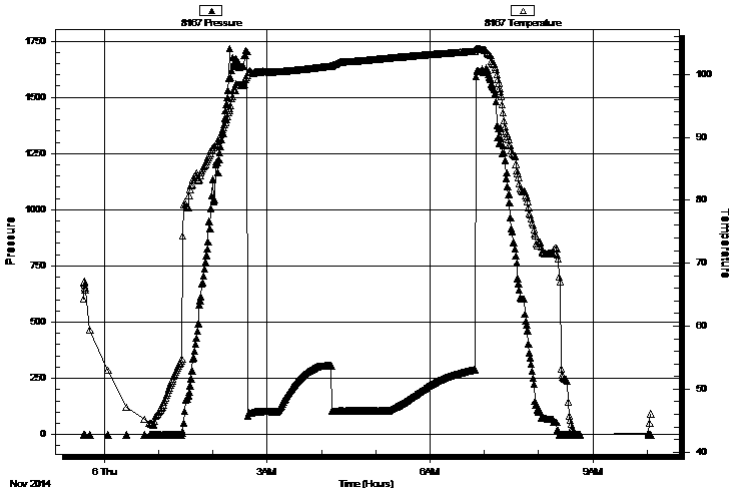
TEST COMMENT: I.F. - 30 - Weak blow built to 4"

I.S.I. - 60 - No blow back

F.F. - 60 - No blow

F.S.I.- 90 - No blow back

Pressure vs. Time



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
30.00	MUD 100%	0.15

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Gore Oil Company

16-10s-18w Rooks,KS

PO Box 2757
Wichita KS 67202

Ordway C #10

Job Ticket: 62477

DST#: 2

ATTN: Chuck Sshmaltz

Test Start: 2014.11.05 @ 23:37:00

Tool Information

Drill Pipe:	Length: 3244.00 ft	Diameter: 3.80 inches	Volume: 45.50 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:	30000.00 lb
Drill Collar:	Length: 63.00 ft	Diameter: 2.25 inches	Volume: 0.31 bbl	Weight to Pull Loose:	50000.00 lb
			<u>Total Volume: 45.81 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	9.00 ft			String Weight: Initial	48000.00 lb
Depth to Top Packer:	3321.00 ft			Final	48000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	139.00 ft				
Tool Length:	162.00 ft				
Number of Packers:	2	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			3299.00	
Shut In Tool	5.00			3304.00	
Hydraulic tool	5.00			3309.00	
Safety Joint	3.00			3312.00	
Packer	5.00			3317.00	23.00 Bottom Of Top Packer
Packer	4.00			3321.00	
Stubb	1.00			3322.00	
Perforations	3.00			3325.00	
Change Over Sub	1.00			3326.00	
Drill Pipe	124.00			3450.00	
Change Over Sub	1.00			3451.00	
Recorder	0.00	6772	Inside	3451.00	
Recorder	0.00	8167	Outside	3451.00	
Perforations	6.00			3457.00	
Bullnose	3.00			3460.00	139.00 Bottom Packers & Anchor

Total Tool Length: 162.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Gore Oil Company

16-10s-18w Rooks,KS

PO Box 2757
Wichita KS 67202

Ordway C #10

Job Ticket: 62477

DST#: 2

ATTN: Chuck Sshmaltz

Test Start: 2014.11.05 @ 23:37:00

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: 8.77 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 2500.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
30.00	MUD 100%	0.148

Total Length: 30.00 ft Total Volume: 0.148 bbl

Num Fluid Samples: 0

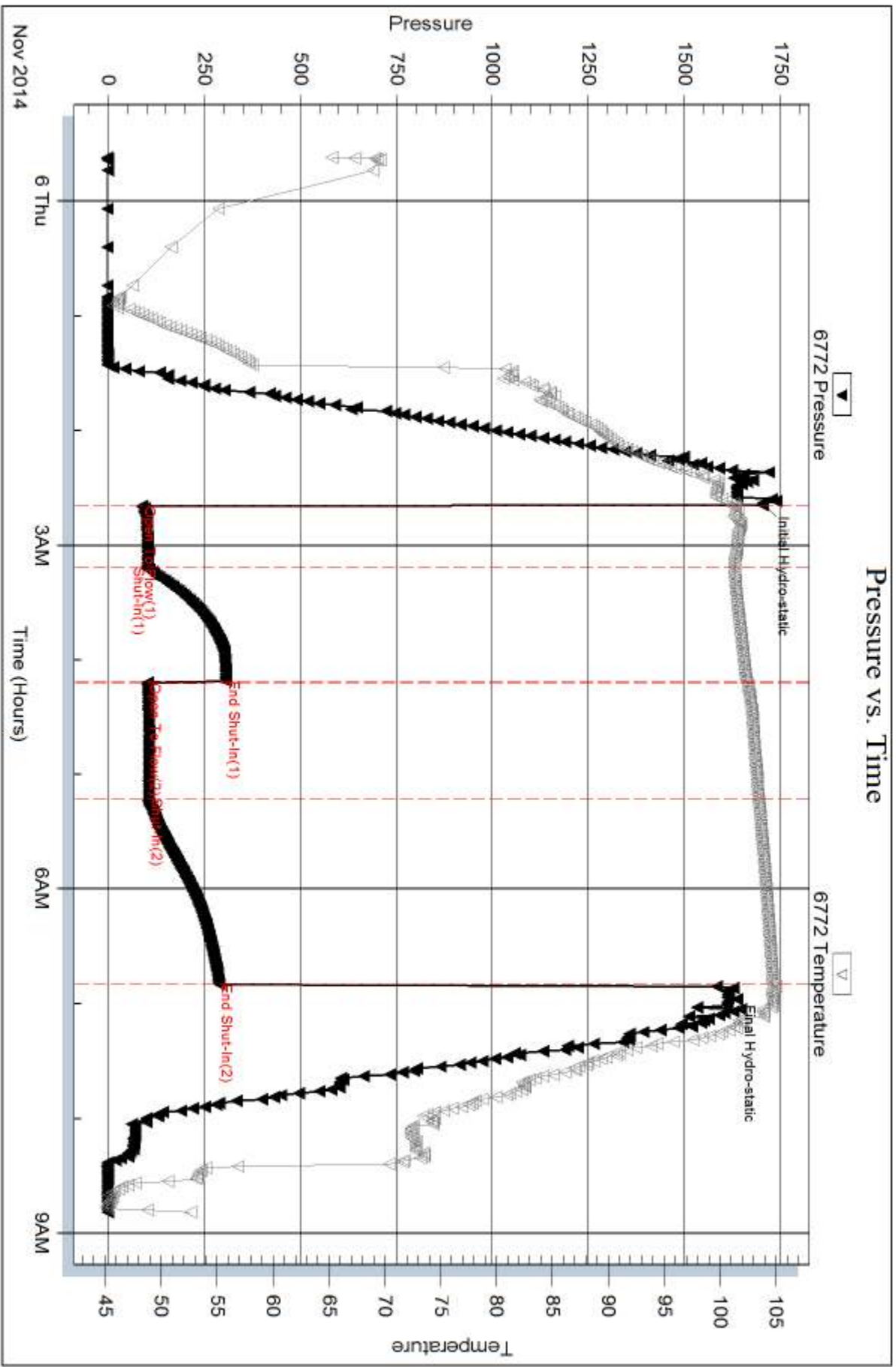
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

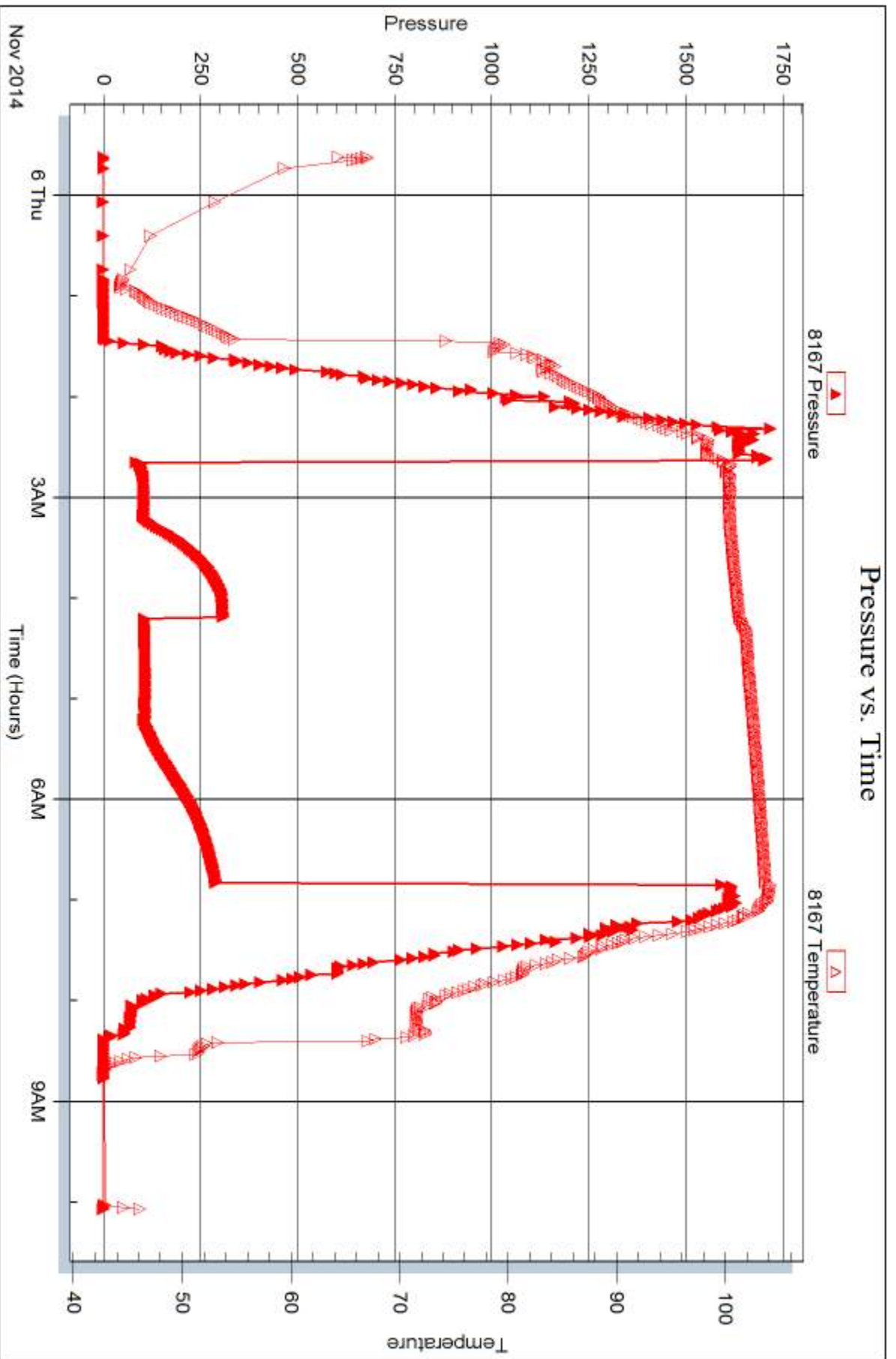


Serial #: 8167

Outside Gore Oil Company

Ordw ay C#10

DST Test Number: 2



Trilobite Testing, Inc

Ref. No: 62477

Printed: 2014.11.13 @ 14:24:44



DRILL STEM TEST REPORT

Prepared For: **Gore Oil Company**

PO Box 2757
Wichita KS 67202

ATTN: Chuck Sshmaltz

Ordway C #10

16-10s-18w Rooks,KS

Start Date: 2014.11.08 @ 08:54:00

End Date: 2014.11.08 @ 18:15:45

Job Ticket #: 62478 DST #: 3

Trilobite Testing, Inc
1515 Commerce Parkway Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2014.11.13 @ 14:24:22



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Gore Oil Company

16-10s-18w Rooks,KS

PO Box 2757
Wichita KS 67202

Ordway C #10

Job Ticket: 62478

DST#: 3

ATTN: Chuck Sshmaltz

Test Start: 2014.11.08 @ 08:54:00

GENERAL INFORMATION:

Formation: **LKC H - L**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 11:28:30

Time Test Ended: 18:15:45

Test Type: Conventional Bottom Hole (Reset)

Tester: Bob Hamel

Unit No: 72

Interval: 3381.00 ft (KB) To 3494.00 ft (KB) (TVD)

Reference Elevations: 2137.00 ft (KB)

Total Depth: 3494.00 ft (KB) (TVD)

2130.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 7.00 ft

Serial #: 8167 Outside

Press@RunDepth: 90.08 psig @ 3480.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.11.08

End Date:

2014.11.08

Last Calib.:

2014.11.08

Start Time:

08:54:05

End Time:

18:15:45

Time On Btm:

2014.11.08 @ 11:28:00

Time Off Btm:

2014.11.08 @ 15:53:00

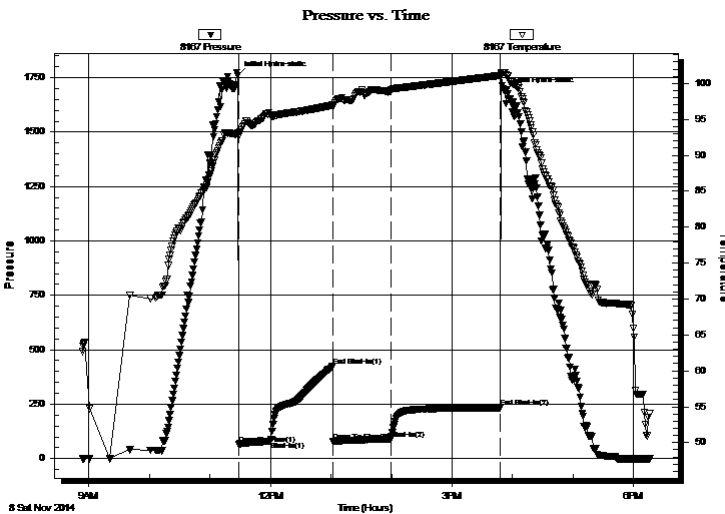
TEST COMMENT: I.F. - 30 - Weak blow built to 2"

I.S.I. - 60 - No blow back

F.F. - 60 - Weak blow built to 1 1/2"

F.S.I. - 90 - No blow back

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1759.46	93.14	Initial Hydro-static
1	64.68	92.60	Open To Flow (1)
32	79.07	95.59	Shut-In(1)
94	423.75	96.96	End Shut-In(1)
95	79.38	96.81	Open To Flow (2)
152	90.08	99.00	Shut-In(2)
260	233.53	101.11	End Shut-In(2)
265	1686.17	101.54	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	MUD 100%	0.30

* Recovery from multiple tests

Gas Rates

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



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Gore Oil Company

16-10s-18w Rooks,KS

PO Box 2757
Wichita KS 67202

Ordway C #10

Job Ticket: 62478

DST#: 3

ATTN: Chuck Sshmaltz

Test Start: 2014.11.08 @ 08:54:00

GENERAL INFORMATION:

Formation: **LKC H - L**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 11:28:30

Time Test Ended: 18:15:45

Test Type: Conventional Bottom Hole (Reset)

Tester: Bob Hamel

Unit No: 72

Interval: 3381.00 ft (KB) To 3494.00 ft (KB) (TVD)

Reference Elevations: 2137.00 ft (KB)

Total Depth: 3494.00 ft (KB) (TVD)

2130.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 7.00 ft

Serial #: 6772 **Inside**

Press@RunDepth: psig @ 3480.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.11.08

End Date:

2014.11.08

Last Calib.:

2014.11.08

Start Time: 08:54:05

End Time:

18:16:00

Time On Btm:

Time Off Btm:

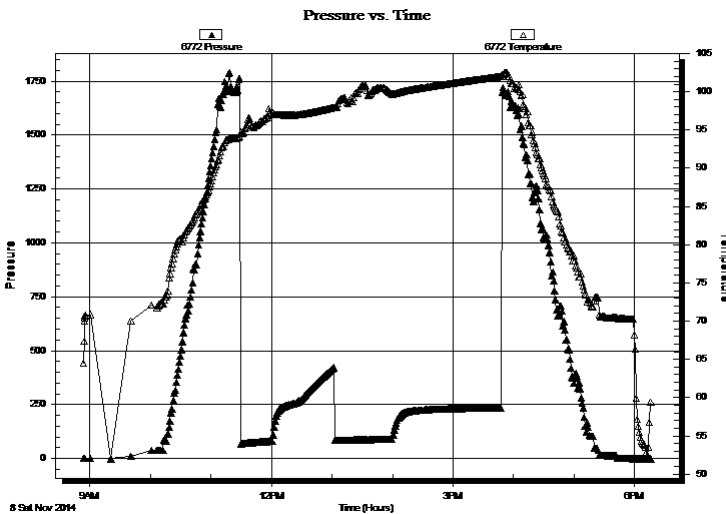
TEST COMMENT: I.F. - 30 - Weak blow built to 2"

I.S.I. - 60 - No blow back

F.F. - 60 - Weak blow built to 1 1/2"

F.S.I. - 90 - No blow back

PRESSURE SUMMARY



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

Recovery

Length (ft)	Description	Volume (bbl)
60.00	MUD 100%	0.30

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Gore Oil Company

16-10s-18w Rooks,KS

PO Box 2757
Wichita KS 67202

Ordway C #10

Job Ticket: 62478

DST#: 3

ATTN: Chuck Sshmaltz

Test Start: 2014.11.08 @ 08:54:00

Tool Information

Drill Pipe:	Length: 3265.00 ft	Diameter: 3.80 inches	Volume: 45.80 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: 30000.00 lb
Drill Collar:	Length: 126.00 ft	Diameter: 2.25 inches	Volume: 0.62 bbl	Weight to Pull Loose: 50000.00 lb
			<u>Total Volume: 46.42 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	33.00 ft			String Weight: Initial 44000.00 lb
Depth to Top Packer:	3381.00 ft			Final 44000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	113.00 ft			
Tool Length:	136.00 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			3359.00	
Shut In Tool	5.00			3364.00	
Hydraulic tool	5.00			3369.00	
Safety Joint	3.00			3372.00	
Packer	5.00			3377.00	23.00 Bottom Of Top Packer
Packer	4.00			3381.00	
Stubb	1.00			3382.00	
Perforations	3.00			3385.00	
Change Over Sub	1.00			3386.00	
Drill Pipe	93.00			3479.00	
Change Over Sub	1.00			3480.00	
Recorder	0.00	6772	Inside	3480.00	
Recorder	0.00	8167	Outside	3480.00	
Perforations	11.00			3491.00	
Bullnose	3.00			3494.00	113.00 Bottom Packers & Anchor

Total Tool Length: 136.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Gore Oil Company

16-10s-18w Rooks,KS

PO Box 2757
Wichita KS 67202

Ordway C #10

Job Ticket: 62478

DST#: 3

ATTN: Chuck Sshmaltz

Test Start: 2014.11.08 @ 08:54:00

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: 55.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.38 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 3600.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	MUD 100%	0.295

Total Length: 60.00 ft Total Volume: 0.295 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

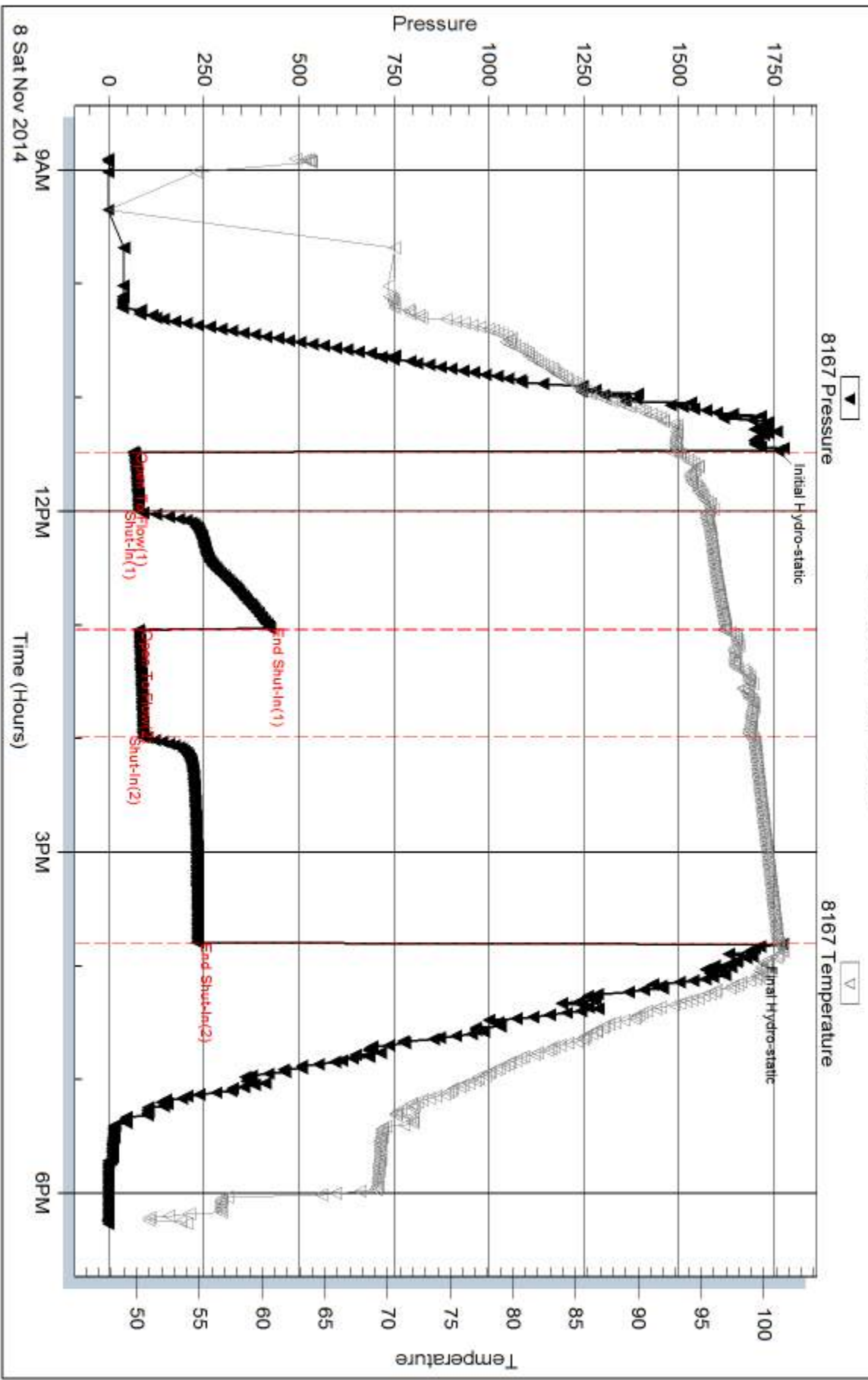
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time



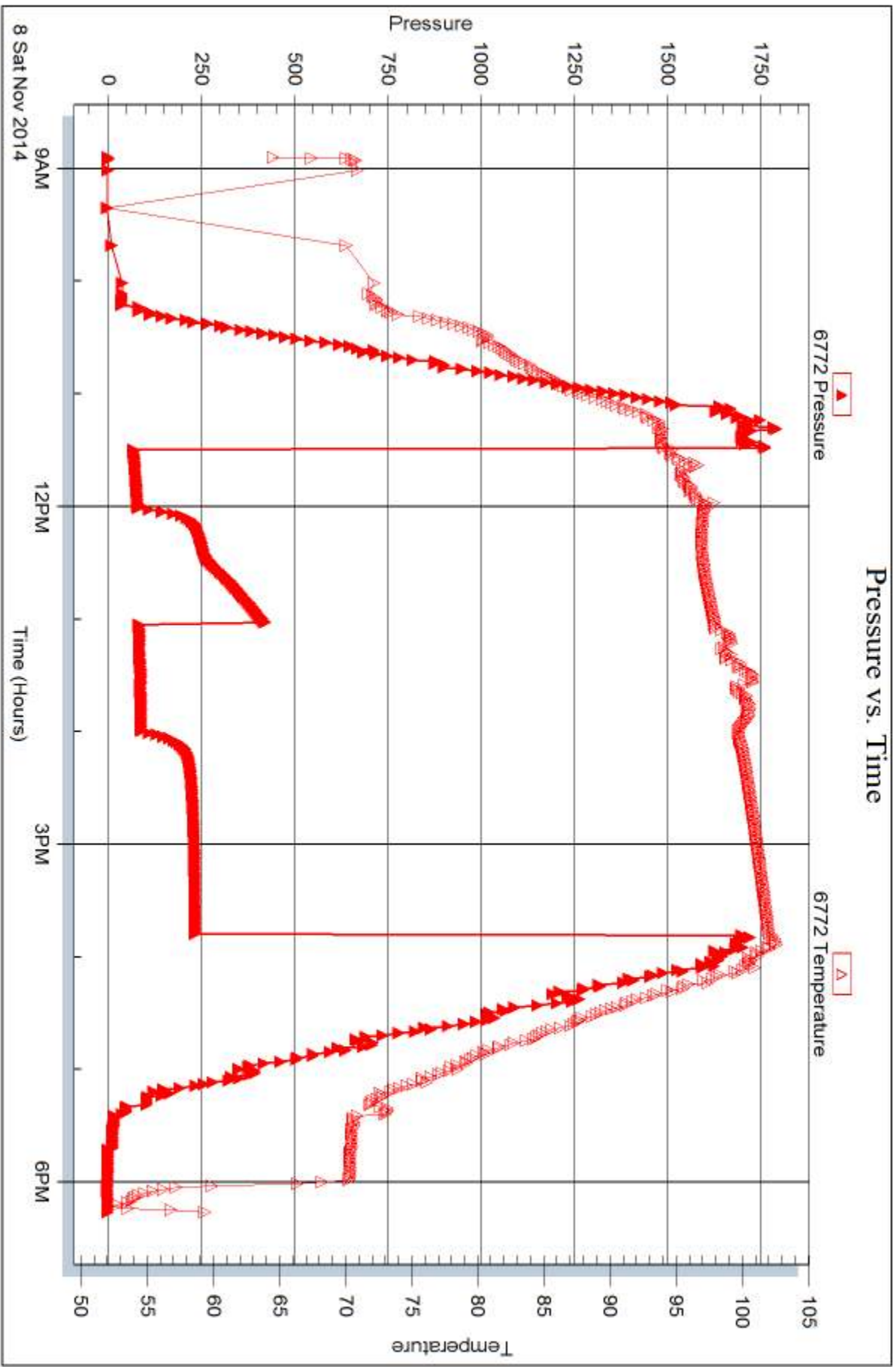
Serial #: 6772

Inside

Gore Oil Company

Ordw ay C#10

DST Test Number: 3





DRILL STEM TEST REPORT

Prepared For: **Gore Oil Company**

PO Box 2757
Wichita KS 67202

ATTN: Chuck Sshmaltz

Ordway C #10

16-10s-18w Rooks,KS

Start Date: 2014.11.09 @ 09:09:00

End Date: 2014.11.09 @ 17:39:30

Job Ticket #: 62479 DST #: 4

Trilobite Testing, Inc
1515 Commerce Parkway Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2014.11.13 @ 14:23:44



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Gore Oil Company

16-10s-18w Rooks,KS

PO Box 2757
Wichita KS 67202

Ordway C #10

Job Ticket: 62479

DST#: 4

ATTN: Chuck Sshmaltz

Test Start: 2014.11.09 @ 09:09:00

GENERAL INFORMATION:

Formation:

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 10:53:45

Time Test Ended: 17:39:30

Test Type: Conventional Bottom Hole (Reset)

Tester: Bob Hamel

Unit No: 72

Interval: 3642.00 ft (KB) To 3692.00 ft (KB) (TVD)

Reference Elevations: 2137.00 ft (KB)

Total Depth: 3692.00 ft (KB) (TVD)

2130.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 7.00 ft

Serial #: 6772

Inside

Press@RunDepth: 56.10 psig @ 3679.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.11.09

End Date:

2014.11.09

Last Calib.: 2014.11.09

Start Time: 09:09:05

End Time:

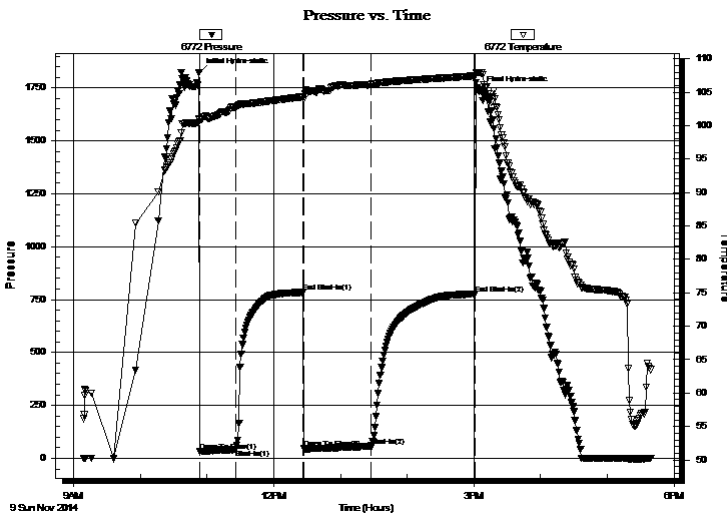
17:39:29

Time On Btm: 2014.11.09 @ 10:53:00

Time Off Btm: 2014.11.09 @ 15:05:30

TEST COMMENT: I.F. - 30 - Weak blow built to 3/4"
I.S.I. - 60 - No blow back
F.F. - 60 - Weak blow built to 1/2"
F.S.I. - 90 - No blow back

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1822.11	101.12	Initial Hydro-static
1	31.99	100.83	Open To Flow (1)
33	43.19	102.85	Shut-In(1)
93	783.82	104.31	End Shut-In(1)
94	48.48	103.91	Open To Flow (2)
155	56.10	106.15	Shut-In(2)
248	776.76	107.42	End Shut-In(2)
253	1739.72	107.90	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
50.00	S,O,S,M, 100%M W/ FEW OIL SPECS	0.25

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Gore Oil Company

16-10s-18w Rooks,KS

PO Box 2757
Wichita KS 67202

Ordway C #10

Job Ticket: 62479

DST#: 4

ATTN: Chuck Sshmaltz

Test Start: 2014.11.09 @ 09:09:00

GENERAL INFORMATION:

Formation:

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 10:53:45

Time Test Ended: 17:39:30

Interval: 3642.00 ft (KB) To 3692.00 ft (KB) (TVD)

Total Depth: 3692.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Test Type: Conventional Bottom Hole (Reset)

Tester: Bob Hamel

Unit No: 72

Reference Elevations: 2137.00 ft (KB)

2130.00 ft (CF)

KB to GR/CF: 7.00 ft

Serial #: 8167 Outside

Press@RunDepth: psig @ 3679.00 ft (KB)

Start Date: 2014.11.09

End Date:

2014.11.09

Capacity: 8000.00 psig

Last Calib.:

2014.11.09

Start Time: 09:09:05

End Time:

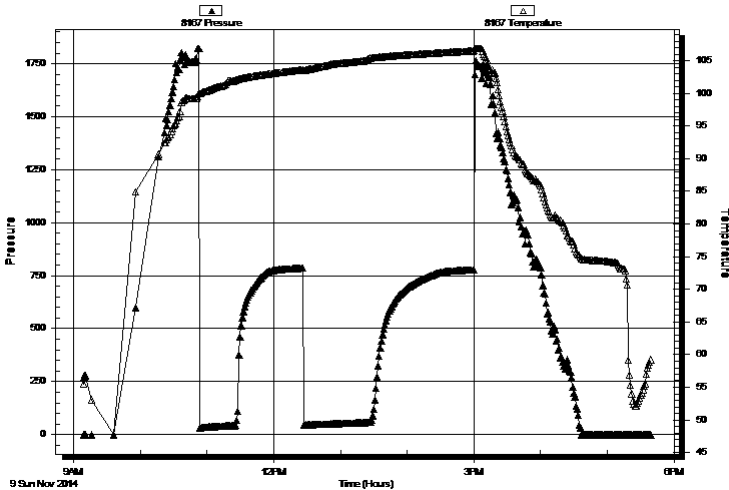
17:39:14

Time On Btm:

Time Off Btm:

TEST COMMENT: I.F. - 30 - Weak blow built to 3/4"
I.S.I. - 60 - No blow back
F.F. - 60 - Weak blow built to 1/2"
F.S.I. - 90 - No blow back

Pressure vs. Time



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
50.00	S,O,S,M, 100%M W/ FEW OIL SPECS	0.25

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Gore Oil Company

16-10s-18w Rooks,KS

PO Box 2757
Wichita KS 67202

Ordway C #10

Job Ticket: 62479

DST#: 4

ATTN: Chuck Sshmaltz

Test Start: 2014.11.09 @ 09:09:00

Tool Information

Drill Pipe:	Length: 3583.00 ft	Diameter: 3.80 inches	Volume: 50.26 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: 30000.00 lb
Drill Collar:	Length: 63.00 ft	Diameter: 2.25 inches	Volume: 0.31 bbl	Weight to Pull Loose: 50000.00 lb
			<u>Total Volume: 50.57 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	27.00 ft			String Weight: Initial 48000.00 lb
Depth to Top Packer:	3642.00 ft			Final 50000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	50.00 ft			
Tool Length:	73.00 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			3620.00	
Shut In Tool	5.00			3625.00	
Hydraulic tool	5.00			3630.00	
Safety Joint	3.00			3633.00	
Packer	5.00			3638.00	23.00 Bottom Of Top Packer
Packer	4.00			3642.00	
Stubb	1.00			3643.00	
Perforations	3.00			3646.00	
Change Over Sub	1.00			3647.00	
Drill Pipe	31.00			3678.00	
Change Over Sub	1.00			3679.00	
Recorder	0.00	6772	Inside	3679.00	
Recorder	0.00	8167	Outside	3679.00	
Perforations	10.00			3689.00	
Bullnose	3.00			3692.00	50.00 Bottom Packers & Anchor

Total Tool Length: 73.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Gore Oil Company

16-10s-18w Rooks,KS

PO Box 2757
Wichita KS 67202

Ordway C #10

Job Ticket: 62479

DST#: 4

ATTN: Chuck Sshmaltz

Test Start: 2014.11.09 @ 09:09:00

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: 51.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.78 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 3000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
50.00	S,O,S,M, 100%M W/ FEW OIL SPECS	0.246

Total Length: 50.00 ft Total Volume: 0.246 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

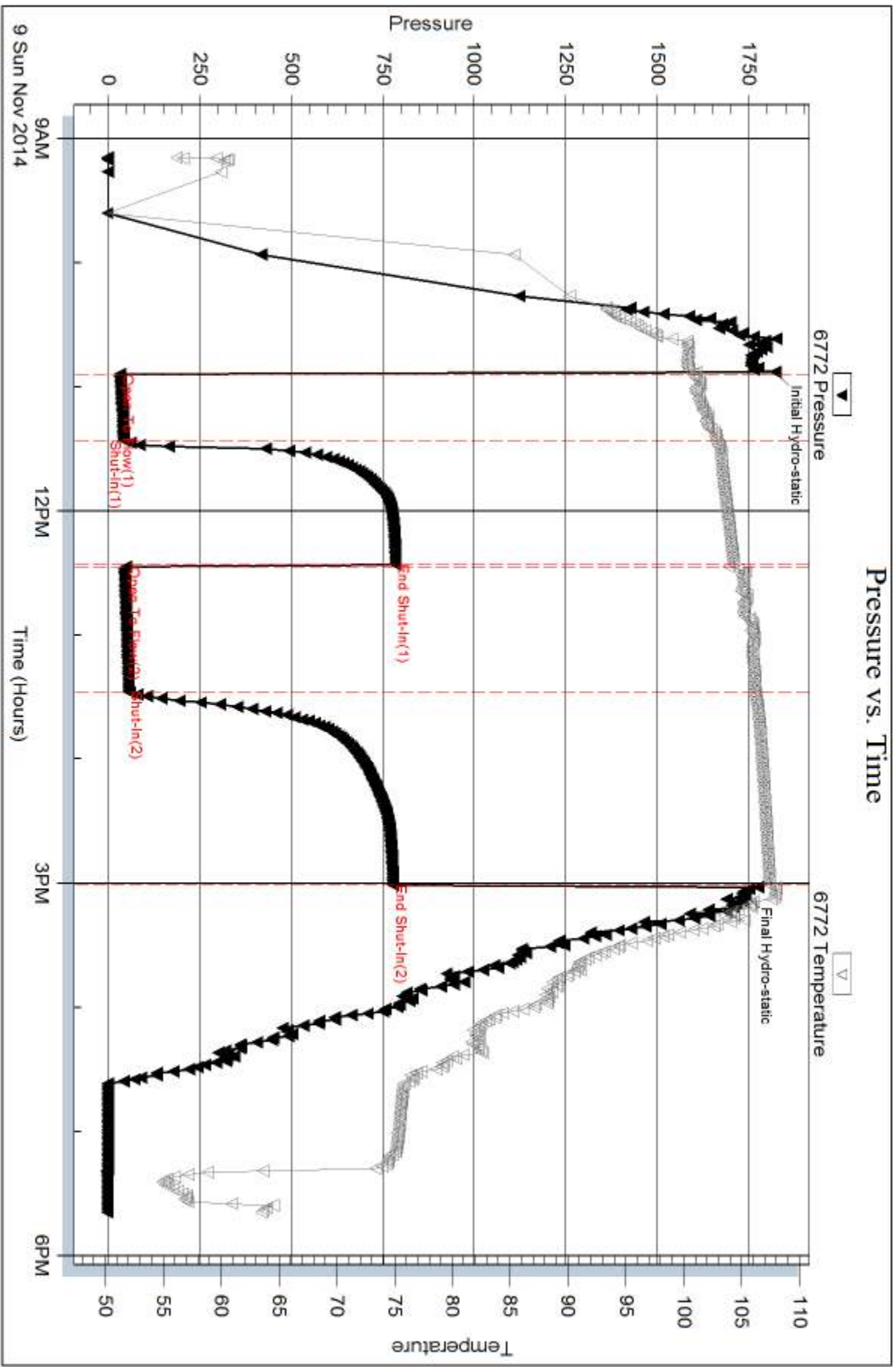
Serial #: 6772

Inside

Gore Oil Company

Ordw ay C#10

DST Test Number: 4

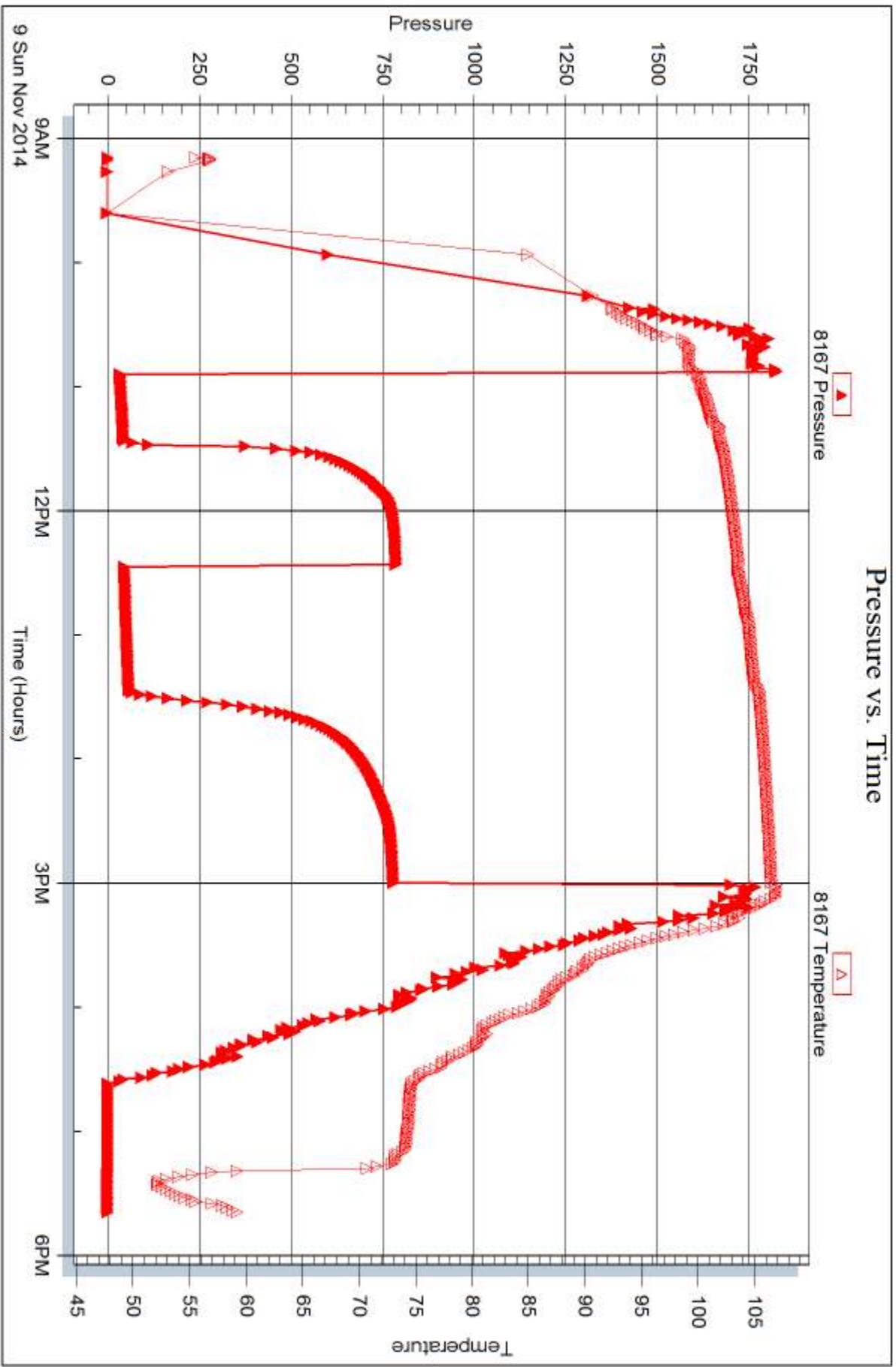


Serial #: 8167

Outside Gore Oil Company

Ordw ay C#10

DST Test Number: 4



Trilobite Testing, Inc

Ref. No: 62479

Printed: 2014.11.13 @ 14:23:45



DRILL STEM TEST REPORT

Prepared For: **Gore Oil Company**

PO Box 2757
Wichita KS 67202

ATTN: Chuck Sshmaltz

Ordway C #10

16-10s-18w Rooks,KS

Start Date: 2014.11.10 @ 03:17:00

End Date: 2014.11.10 @ 20:10:00

Job Ticket #: 62480 DST #: 5

Trilobite Testing, Inc
1515 Commerce Parkway Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2014.11.13 @ 14:23:29



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Gore Oil Company

16-10s-18w Rooks,KS

PO Box 2757
Wichita KS 67202

Ordway C #10

Job Ticket: 62480

DST#: 5

ATTN: Chuck Sshmaltz

Test Start: 2014.11.10 @ 03:17:00

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 07:30:45

Time Test Ended: 20:10:00

Test Type: Conventional Bottom Hole (Reset)

Tester: Bob Hamel

Unit No: 72

Interval: 3644.00 ft (KB) To 3717.00 ft (KB) (TVD)

Reference Elevations: 2137.00 ft (KB)

Total Depth: 3717.00 ft (KB) (TVD)

2130.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 7.00 ft

Serial #: 6772 Inside

Press@RunDepth: 618.04 psig @ 3709.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.11.10

End Date: 2014.11.10

Last Calib.: 2014.11.10

Start Time: 03:17:05

End Time: 20:10:00

Time On Btm: 2014.11.10 @ 07:28:15

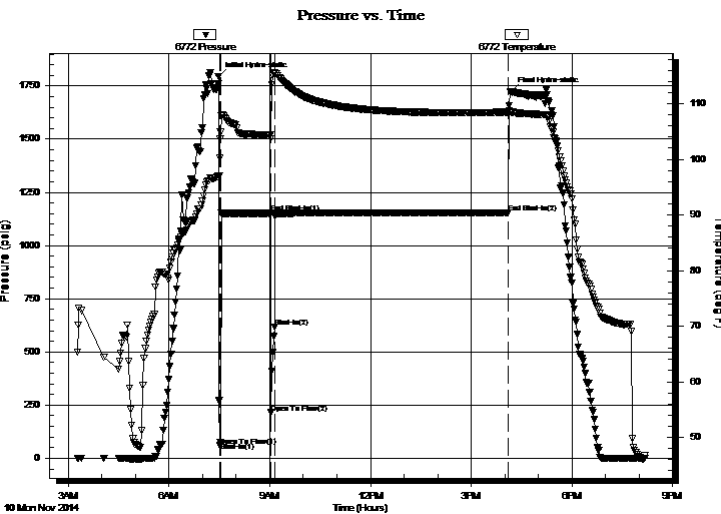
Time Off Btm: 2014.11.10 @ 16:11:45

TEST COMMENT: I.F. - 30 - Fair blow built to 8"

I.S.I. - 60 - No blow back

F.F. - 8 - BOB instantly

F.S.I. - Left rig as instructed by geo.& due to emergency situation.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1796.19	97.06	Initial Hydro-static
3	58.74	100.18	Open To Flow (1)
4	76.05	104.88	Shut-In(1)
94	1152.41	104.46	End Shut-In(1)
94	214.24	103.73	Open To Flow (2)
101	618.04	115.47	Shut-In(2)
518	1153.49	108.48	End Shut-In(2)
524	1723.22	108.48	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
882.00	M,C,W, 5%M 95%W	11.80
189.00	MUD	2.65

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Gore Oil Company

16-10s-18w Rooks,KS

PO Box 2757
Wichita KS 67202

Ordway C #10

ATTN: Chuck Sshmaltz

Job Ticket: 62480

DST#: 5

Test Start: 2014.11.10 @ 03:17:00

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 07:30:45

Time Test Ended: 20:10:00

Test Type: Conventional Bottom Hole (Reset)

Tester: Bob Hamel

Unit No: 72

Interval: 3644.00 ft (KB) To 3717.00 ft (KB) (TVD)

Reference Elevations: 2137.00 ft (KB)

Total Depth: 3717.00 ft (KB) (TVD)

2130.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 7.00 ft

Serial #: 8167 Outside

Press@RunDepth: psig @ 3709.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.11.10 End Date: 2014.11.10

Last Calib.: 1899.12.30

Start Time: 03:17:05 End Time: 20:10:00

Time On Btm:

Time Off Btm:

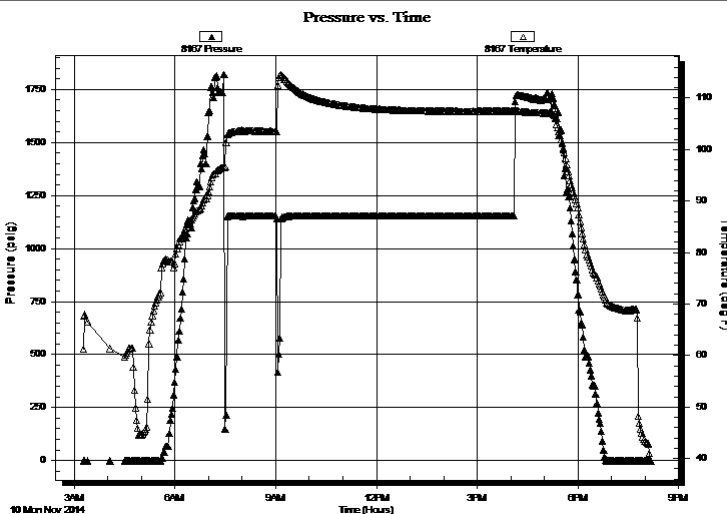
TEST COMMENT: I.F. - 30 - Fair blow built to 8"

I.S.I. - 60 - No blow back

F.F. - 8 - BOB instantly

F.S.I. - Left rig as instructed by geo.& due to emergency situation.

PRESSURE SUMMARY



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

Recovery

Length (ft)	Description	Volume (bbl)
882.00	M,C,W, 5%M 95%W	11.80
189.00	MUD	2.65

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Gore Oil Company

16-10s-18w Rooks,KS

PO Box 2757
Wichita KS 67202

Ordway C #10

Job Ticket: 62480

DST#: 5

ATTN: Chuck Sshmaltz

Test Start: 2014.11.10 @ 03:17:00

Tool Information

Drill Pipe:	Length: 3586.00 ft	Diameter: 3.80 inches	Volume: 50.30 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: 30000.00 lb
Drill Collar:	Length: 63.00 ft	Diameter: 2.25 inches	Volume: 0.31 bbl	Weight to Pull Loose: 60000.00 lb
			<u>Total Volume: 50.61 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	28.00 ft			String Weight: Initial 50000.00 lb
Depth to Top Packer:	3644.00 ft			Final 52000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	73.00 ft			
Tool Length:	96.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Length (ft) Serial No. Position Depth (ft) Accum. Lengths

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3622.00	
Shut In Tool	5.00			3627.00	
Hydraulic tool	5.00			3632.00	
Safety Joint	3.00			3635.00	
Packer	5.00			3640.00	23.00 Bottom Of Top Packer
Packer	4.00			3644.00	
Stubb	1.00			3645.00	
Perforations	1.00			3646.00	
Change Over Sub	1.00			3647.00	
Drill Pipe	61.00			3708.00	
Change Over Sub	1.00			3709.00	
Recorder	0.00	6772	Inside	3709.00	
Recorder	0.00	8167	Outside	3709.00	
Perforations	5.00			3714.00	
Bullnose	3.00			3717.00	73.00 Bottom Packers & Anchor

Total Tool Length: 96.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Gore Oil Company

16-10s-18w Rooks,KS

PO Box 2757
Wichita KS 67202

Ordway C #10

Job Ticket: 62480

DST#: 5

ATTN: Chuck Sshmaltz

Test Start: 2014.11.10 @ 03:17:00

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:

26000 ppm

Viscosity: 51.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.78 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 3000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
882.00	M,C,W, 5%M 95%W	11.798
189.00	MUD	2.651

Total Length: 1071.00 ft

Total Volume: 14.449 bbl

Num Fluid Samples: 0

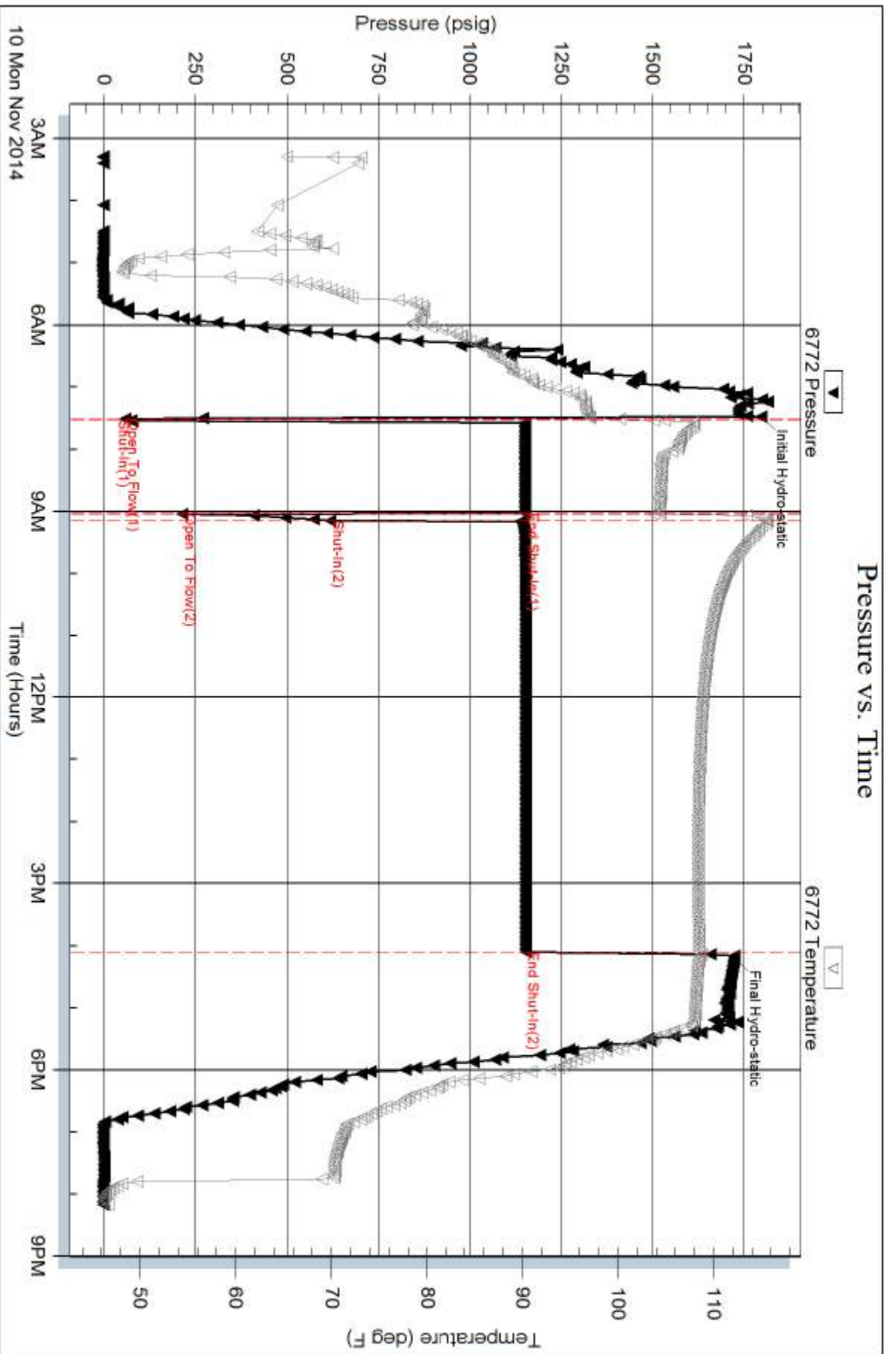
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: .45@40

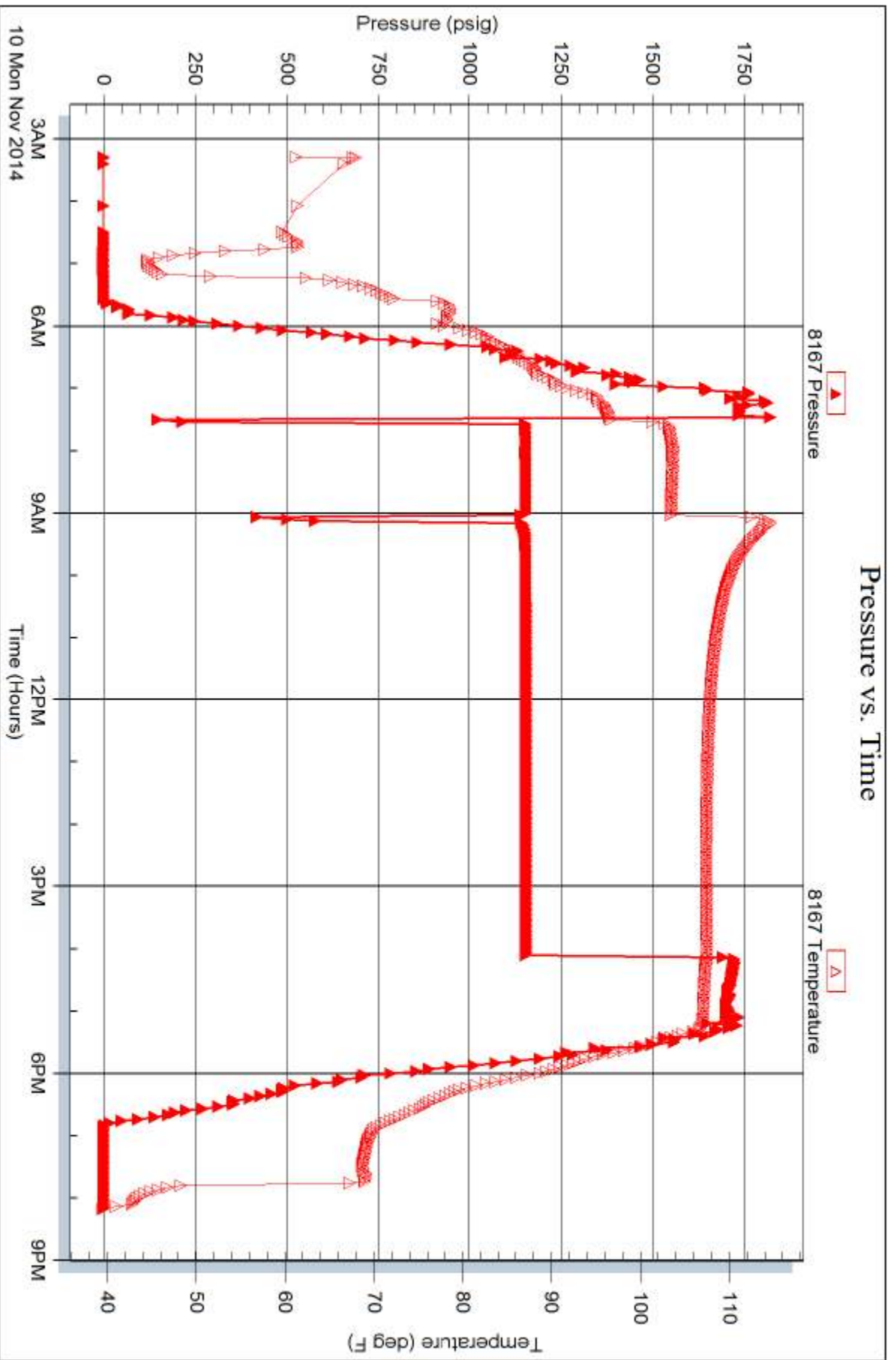


Serial #: 8167

Outside Gore Oil Company

Ordw ay C#10

DST Test Number: 5





TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 62476

Well Name & No. ordway C #10 Test No. 1 Date 11-4-14/115
 Company Gore Oil Company Elevation 2139 KB 2130 GL
 Address 202 S. St. Francis P.O. Box 2757 Wichita KS. 67202
 Co. Rep / Geo. Larry M. Jack / Chuck S. Smaltz Rig Maverick #102
 Location: Sec. 16 Twp. 10 S. Rge. 18 W. Co. ROOKS. State KS.

Interval Tested 3240-3318 Zone Tested oread
 Anchor Length 78' Drill Pipe Run 3117' Mud Wt. 8.7
 Top Packer Depth 3235 Drill Collars Run 126' Vis 60
 Bottom Packer Depth 3240 Wt. Pipe Run _____ WL 8
 Total Depth 3318 Chlorides 2,500 ppm System LCM 1 1/2

Blow Description I.F-30-W.S.B. Died in min.
ISI-60- No Blow Back
FF-30- No Blow
FSI-60- No Blow Back

Rec	Feet of	%gas	%oil	%water	%mud
Rec <u>10'</u>	Feet of <u>Mud With few oil specs</u>				<u>100%</u>
Rec _____	Feet of _____				
Rec _____	Feet of _____				
Rec _____	Feet of _____				

Rec Total 10' BHT 100.7 Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic 1,560 Test 1150 T-On Location 18:00:00
 (B) First Initial Flow 47 Jars _____ T-Started 18:50:00
 (C) First Final Flow 59 Safety Joint 75 T-Open 00:05:00
 (D) Initial Shut-In 419 Circ Sub _____ T-Pulled 03:05:00
 (E) Second Initial Flow 59 Hourly Standby _____ T-Out 67:50:00
 (F) Second Final Flow 66 Mileage 50/B.T 77.50 Comments (Light Plant Died
 (G) Final Shut-In 412 Sampler _____ unable to pull test...)
 (H) Final Hydrostatic 1,545 Straddle _____ thank-you"
 Ruined Shale Packer _____
 Ruined Packer _____
 Extra Copies _____
 Initial Open 30 Extra Packer _____
 Initial Shut-In 60 Extra Recorder _____
 Final Flow 30 Day Standby _____ Sub Total 0
 Final Shut-In 60 Accessibility _____ Total 1302.50
 Sub Total 1302.50 MP/DST Disc't _____

Approved By _____ Our Representative Bel [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.

62477

Well Name & No. Ordway C[#] 10 Test No. 2 Date 11-5-14/11-6
 Company Gore oil company Elevation 2137 KB 2130 GL
 Address 2025 St. Francis P.O. Box 2757 Wichita KS. 67202
 Co. Rep / Geo. Larry M. Jack / Chuck Schmultz. Rig Maverick #102
 Location: Sec. 16 Twp. 10 - S. Rge. 18 W. Co. ROOKS. State KS.

Interval Tested 3321-3460 Zone Tested hens. A-F
 Anchor Length 139' Drill Pipe Run 3244 Mud Wt. 9.1
 Top Packer Depth 3316 Drill Collars Run 63 Vis 60
 Bottom Packer Depth 3321 Wt. Pipe Run --- WL 8.8
 Total Depth 3460 Chlorides 2,500 ppm System LCM 1 1/2

Blow Description I.F. 3 1/2" INT. Blow Built to 4"
I.S.I - 60 - NO B.B.
F.F - 60 - NO Blow
F.S.I - 90 - NO B.B.

Rec	Feet of	%gas	%oil	%water	%mud
Rec <u>30'</u>	Feet of <u>Mud</u>				<u>100% mud</u>
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 30' BHT 104.6 Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic 1702 Test 1150 T-On Location 23:20:00
 (B) First Initial Flow 88 Jars _____ T-Started 23:37:00
 (C) First Final Flow 100 Safety Joint 75 T-Open 02:56:00
 (D) Initial Shut-In 306 Circ Sub _____ T-Pulled 06:56:00
 (E) Second Initial Flow 102 Hourly Standby _____ T-Out 08:49:00
 (F) Second Final Flow 106 Mileage 50 / R.T. 77.50 Comments _____
 (G) Final Shut-In 288 Sampler _____ (No Problems, Yay)
 (H) Final Hydrostatic 1614 Straddle _____ Thank-you!
 Ruined Shale Packer _____
 Ruined Packer _____
 Extra Copies _____
 Initial Open 30
 Initial Shut-In 60
 Final Flow 60
 Final Shut-In 90
 Extra Recorder _____ Sub Total 0
 Day Standby _____ Total 1302.50
 Accessibility _____ MP/DST Disc't _____
 Sub Total 1302.50

Approved By _____ Our Representative Bob Hume

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. 62478

Well Name & No. Ordway C#10 Test No. 3 Date 11-08-14
 Company Gore Oil Company Elevation 2137 KB 2130 GL
 Address 202 S. St. Francis P.O. Box 2757 Wichita KS 67202
 Co. Rep / Geo. Larry M. Jack / Chuck Schmultz Rig Maverick #102
 Location: Sec. 18 Twp. 10-S Rge. 18-W Co. Rooks State KS

Interval Tested 3881-3994 Zone Tested hans-(A-L)
 Anchor Length 113' Drill Pipe Run 3265 Mud Wt. 9.3
 Top Packer Depth 3476 Drill Collars Run 63 Vis 55
 Bottom Packer Depth 3981 Wt. Pipe Run --- WL 8.4
 Total Depth 3494 Chlorides 3,600 ppm System LCM 2

Blow Description I.F.-30-1/2" INT. Blow Built to (2" in 30 min.)
I.S.I-60-NO B.B.
E.F.-60-1/4" INT. Blow Built to (1 1/2" in 30 min.)
F.S.I-90-NO Blow

Rec	Feet of	%gas	%oil	%water	%mud
Rec <u>60</u>	Feet of <u>Mud</u>				<u>100</u> %mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 60 BHT 101.5 Gravity --- API RW --- @ --- °F Chlorides --- ppm

(A) Initial Hydrostatic 1759 Test 1150 T-On Location 08:20:00
 (B) First Initial Flow 65 Jars --- T-Started 08:54:00
 (C) First Final Flow 79 Safety Joint 75 T-Open 11:26:00
 (D) Initial Shut-In 424 Circ Sub --- T-Pulled 15:26:00
 (E) Second Initial Flow 79 Hourly Standby --- T-Out 18:15:00
 (F) Second Final Flow 90 Mileage 50 / R.+ 77.50 Comments (Rig Backe Down Made up Perf went Home 11-7) "Thank-you"
 (G) Final Shut-In 234 Sampler --- Ruined Shale Packer ---
 (H) Final Hydrostatic 1,686 Straddle --- Ruined Packer ---
 Initial Open 30 Shale Packer --- Extra Copies ---
 Initial Shut-In 60 Extra Packer --- Sub Total 0
 Final Flow 60 Extra Recorder --- Total 1302.50
 Final Shut-In 90 Day Standby --- MP/DST Disc't ---
 Sub Total 1302.50 Accessibility ---

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.



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 62479

Well Name & No. Ordway C #10 Test No. 4 Date 11-09-14
 Company Gore Oil Company Elevation 2137 KB 2130 GL
 Address 202 S. St. Francis P.O. Box 2757 Wichita KS 67202
 Co. Rep / Geo. Larry M. Jack / Chuck Schmultz Rig Maverick #102
 Location: Sec. 16 Twp. 10 - S. Rge. 18 - W. Co. ROOKS. State KS.

Interval Tested 3642 - 3692 Zone Tested _____
 Anchor Length 50 Drill Pipe Run 3583 Mud Wt. 9.4
 Top Packer Depth 3637 Drill Collars Run 63 Vis 51
 Bottom Packer Depth 3642 Wt. Pipe Run _____ WL 8.8
 Total Depth 3692 Chlorides 3,000 ppm System LCM 2

Blow Description I.F. - 30 - 1/4" INT. Blow Built to 3/4"
I.S.I - 60 - No B.B.
F.F - 60 - W.S.B. Started @ 8min. Built to 1/2"
F.S.I - 90 - No B.B.

Rec	Feet of	%gas	%oil	%water	%mud
Rec <u>50'</u>	Feet of <u>S, O, S, M,</u>	%gas	%oil	%water <u>100</u>	%mud
Rec _____	Feet of _____	%gas	%oil	%water	%mud
Rec _____	Feet of _____	%gas	%oil	%water	%mud
Rec _____	Feet of _____	%gas	%oil	%water	%mud

Rec Total 50' BHT 107.9 Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic 1822 Test 1150 T-On Location 08:50:00
 (B) First Initial Flow 32 Jars _____ T-Started 09:09:00
 (C) First Final Flow 43 Safety Joint 75 T-Open 10:54:00
 (D) Initial Shut-In 784 Circ Sub _____ T-Pulled 14:54:00
 (E) Second Initial Flow 48 Hourly Standby _____ T-Out 17:39:30
 (F) Second Final Flow 56 Mileage 50 / R.T. 77.50 Comments _____
 (G) Final Shut-In 777 Sampler _____ "Thank-You"
 (H) Final Hydrostatic 1740 Straddle _____ Ruined Shale Packer _____
 Shale Packer 250 Ruined Packer _____
 Initial Open 30 Extra Packer _____ Extra Copies _____
 Initial Shut-In 60 Extra Recorder _____ Sub Total 0
 Final Flow 60 Day Standby _____ Total 1552.50
 Final Shut-In 90 Accessibility _____ MP/DST Disc't _____
 Sub Total 1552.50

Approved By _____ Our Representative Bob Hawn

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. 62480

Well Name & No. Ordway C#10 Test No. 5 Date 11-10-14
 Company Gore Oil Company Elevation 2137 KB 2130 GL
 Address 262 S. St. Francis P.O. Box 2757 Wichita Ks. 67202
 Co. Rep / Geo. Larry M. Jack / Chuck Schmultz Rig Maverick #102
 Location: Sec. 16 Twp. 10 - S. Rge. 18 - W. Co. Rooks State KS

Interval Tested 3644 - 3716 Zone Tested Arbuckle
 Anchor Length 73 Drill Pipe Run 3586 Mud Wt. 9.4
 Top Packer Depth 3639 Drill Collars Run 63' Vis 51
 Bottom Packer Depth 3644 Wt. Pipe Run — WL 8.8
 Total Depth 3716 Chlorides 3000 ppm System LCM 2

Blow Description I.F. - 30 - 3" INT. Blow Built to 8" in 30 min.
I.S.I. - 60 - No B.B.
F.F. - 8" B.O.B. INSTANT (Left Rig Due to Geo Request, & Emergency Situation)
F.S.I.

Rec	Feet of	%gas	%oil	%water	%mud
Rec <u>189'</u>	Feet of <u>Mud</u>				<u>100% mud</u>
Rec <u>882</u>	Feet of <u>M, C, W</u>				
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 1071' BHT 108.5 Gravity — API RW .45 @ 40 ° F Chlorides 30,000 ppm

(A) Initial Hydrostatic 1796 Test 1150 T-On Location Stayed
 (B) First Initial Flow 59 Jars — T-Started 03:17:00
 (C) First Final Flow 76 Safety Joint — T-Open 07:29:00
 (D) Initial Shut-In 1,152 Circ Sub — T-Pulled 16:05:00
 (E) Second Initial Flow 214 Hourly Standby — T-Out 20:10:00
 (F) Second Final Flow 618 Mileage So R.T. 77.50 Comments Had to leave
 (G) Final Shut-In 1,153 Sampler — loc. due to emergency
 (H) Final Hydrostatic 1,723 Straddle — situation
 Ruined Shale Packer —
 Ruined Packer —
 Extra Copies loaded tool
 Initial Open 30 Extra Packer — Sub Total on 11-17-0
 Initial Shut-In 60 Extra Recorder — Total 3:19
 Final Flow 8 Day Standby — MP/DST Disc't —
 Final Shut-In — Accessibility —
 Sub Total 1477.50

Approved By _____ Our Representative Bill Adams

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