



DRILL STEM TEST REPORT

Prepared For: **Gore Oil Company**

PO Box 2757
Wichita KS 67202-4518

ATTN: Chuck Schmaltz

Preston #1

17-9s-17w Rooks,KS

Start Date: 2014.05.18 @ 00:15:28

End Date: 2014.05.18 @ 07:39:52

Job Ticket #: 55346 DST #: 1

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

Printed: 2014.05.21 @ 11:31:43



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Gore Oil Company
 PO Box 2757
 Wichita KS 67202-4518
 ATTN: Chuck Schmalz

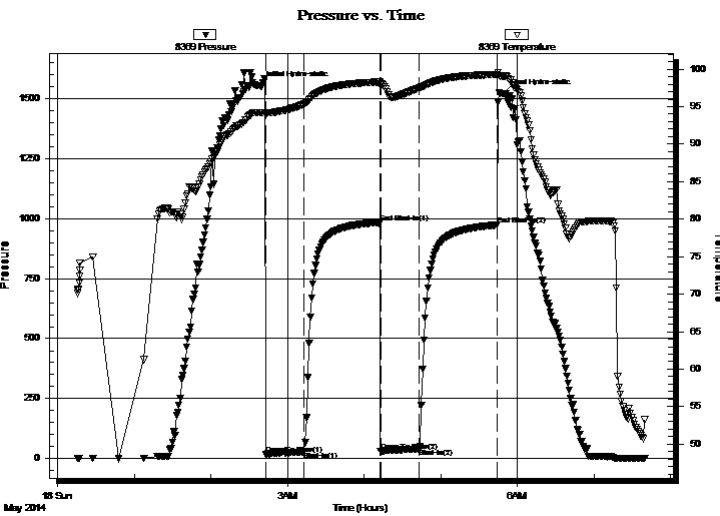
17-9s-17w Rooks,KS
Preston #1
 Job Ticket: 55346 **DST#: 1**
 Test Start: 2014.05.18 @ 00:15:28

GENERAL INFORMATION:

Formation: **Oread - LKC A**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 02:42:53
 Time Test Ended: 07:39:52
 Interval: **3216.00 ft (KB) To 3330.00 ft (KB) (TVD)**
 Total Depth: 3330.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Ray Schwager
 Unit No: 70
 Reference Elevations: 2120.00 ft (KB)
 2112.00 ft (CF)
 KB to GR/CF: 8.00 ft

Serial #: 8369 Inside
 Press@RunDepth: 40.93 psig @ 3218.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2014.05.18 End Date: 2014.05.18 Last Calib.: 2014.05.18
 Start Time: 00:15:28 End Time: 07:39:52 Time On Btm: 2014.05.18 @ 02:37:53
 Time Off Btm: 2014.05.18 @ 05:48:52

TEST COMMENT: 30-IFP-w k bl thru-out 1/2" to 3/4" bl
 60-ISIP-no bl
 30-FFP-no bl
 60-FSIP-no bl



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1553.68	94.18	Initial Hydro-static
5	17.55	94.05	Open To Flow (1)
35	31.57	95.35	Shut-In(1)
95	981.40	98.30	End Shut-In(1)
95	30.91	97.98	Open To Flow (2)
126	40.93	97.51	Shut-In(2)
187	973.62	99.28	End Shut-In(2)
191	1520.67	99.05	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
45.00	MW 10%M90%W	0.63

Gas Rates

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



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 ATTN: Chuck Schmalz

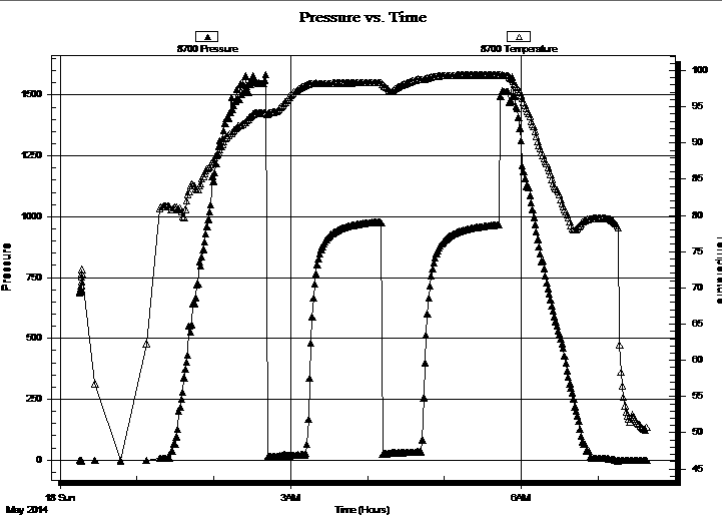
17-9s-17w Rooks, KS
Preston #1
 Job Ticket: 55346 **DST#: 1**
 Test Start: 2014.05.18 @ 00:15:28

GENERAL INFORMATION:

Formation: **Oread - LKC A**
 Deviated: No Whipstock: ft (KB) Test Type: Conventional Bottom Hole (Initial)
 Time Tool Opened: 02:42:53 Tester: Ray Schwager
 Time Test Ended: 07:39:52 Unit No: 70
 Interval: **3216.00 ft (KB) To 3330.00 ft (KB) (TVD)** Reference Elevations: 2120.00 ft (KB)
 Total Depth: 3330.00 ft (KB) (TVD) 2112.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 8.00 ft

Serial #: 8700 **Outside**
 Press@RunDepth: psig @ 3218.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2014.05.18 End Date: 2014.05.18 Last Calib.: 2014.05.18
 Start Time: 00:15:19 End Time: 07:38:13 Time On Btm:
 Time Off Btm:

TEST COMMENT: 30-IFP-w k bl thru-out 1/2" to 3/4" bl
 60-ISIP-no bl
 30-FFP-no bl
 60-FSIP-no bl



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
45.00	MW 10%M90%W	0.63

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Gore Oil Company

17-9s-17w Rooks,KS

PO Box 2757
Wichita KS 67202-4518

Preston #1

Job Ticket: 55346

DST#: 1

ATTN: Chuck Schmaltz

Test Start: 2014.05.18 @ 00:15:28

Tool Information

Drill Pipe:	Length: 3212.00 ft	Diameter: 3.80 inches	Volume: 45.06 bbl	Tool Weight: 2200.00 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: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 60000.00 lb
			<u>Total Volume: 45.06 bbl</u>	Tool Chased 6.00 ft
Drill Pipe Above KB:	25.00 ft			String Weight: Initial 46000.00 lb
Depth to Top Packer:	3216.00 ft			Final 46000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	114.00 ft			
Tool Length:	143.00 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			3188.00	
Shut In Tool	5.00			3193.00	
Hydraulic tool	5.00			3198.00	
Jars	5.00			3203.00	
Safety Joint	3.00			3206.00	
Packer	5.00			3211.00	29.00 Bottom Of Top Packer
Packer	5.00			3216.00	
Stubb	1.00			3217.00	
Perforations	1.00			3218.00	
Recorder	0.00	8369	Inside	3218.00	
Recorder	0.00	8700	Outside	3218.00	
Blank Spacing	95.00			3313.00	
Perforations	14.00			3327.00	
Bullnose	3.00			3330.00	114.00 Bottom Packers & Anchor

Total Tool Length: 143.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Gore Oil Company

17-9s-17w Rooks,KS

PO Box 2757
Wichita KS 67202-4518

Preston #1

Job Ticket: 55346

DST#: 1

ATTN: Chuck Schmaltz

Test Start: 2014.05.18 @ 00:15:28

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:

73000 ppm

Viscosity: 49.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 5.74 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1600.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
45.00	MW 10%M90%W	0.631

Total Length: 45.00 ft Total Volume: 0.631 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW .11@ 65F

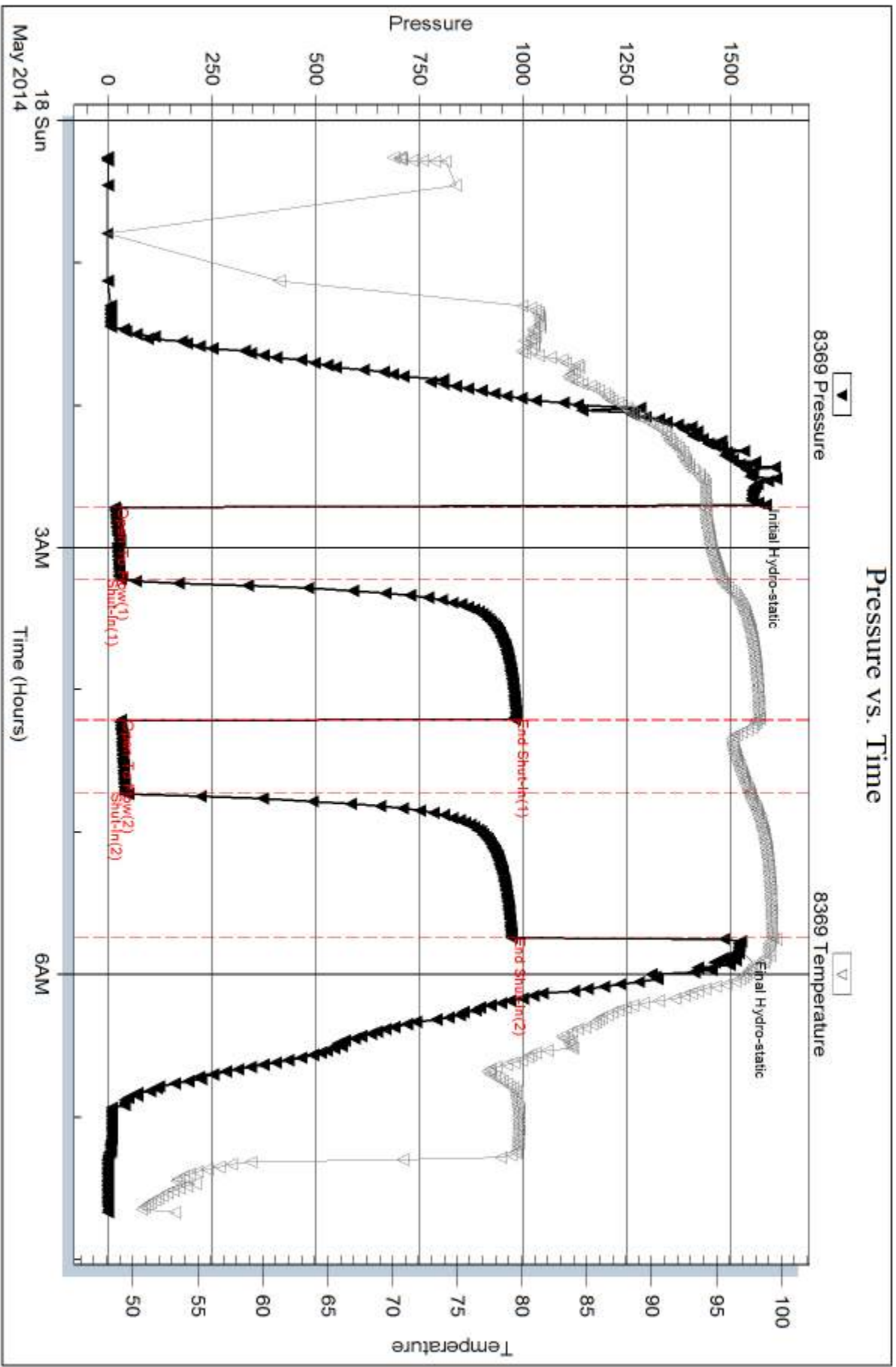
Serial #: 8369

Inside

Gore Oil Company

Preston #1

DST Test Number: 1

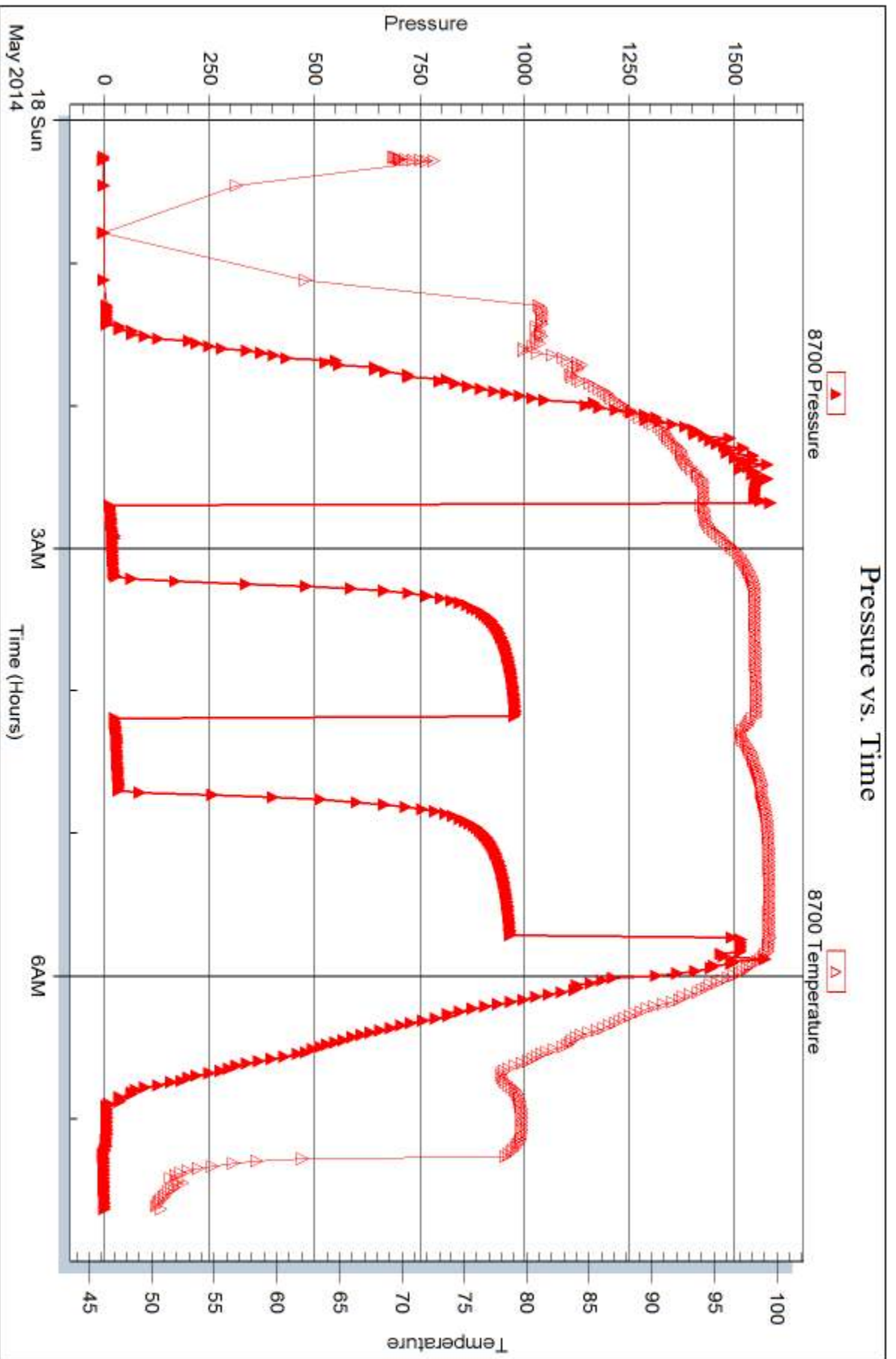


Serial #: 8700

Outside Gore Oil Company

Preston #1

DST Test Number: 1





DRILL STEM TEST REPORT

Prepared For: **Gore Oil Company**

PO Box 2757
Wichita KS 67202-4518

ATTN: Chuck Schmaltz

Preston #1

17-9s-17w Rooks,KS

Start Date: 2014.05.18 @ 17:00:56

End Date: 2014.05.19 @ 02:28:51

Job Ticket #: 55347 DST #: 2

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

Printed: 2014.05.21 @ 11:31:18



**TRILOBITE
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DRILL STEM TEST REPORT

Gore Oil Company
PO Box 2757
Wichita KS 67202-4518
ATTN: Chuck Schmalz

17-9s-17w Rooks,KS
Preston #1
Job Ticket: 55347 **DST#: 2**
Test Start: 2014.05.18 @ 17:00:56

GENERAL INFORMATION:

Formation: **LKC C-F**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 19:49:21
Time Test Ended: 02:28:51
Interval: **3324.00 ft (KB) To 3390.00 ft (KB) (TVD)**
Total Depth: 3390.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair
Reference Elevations: 2120.00 ft (KB)
2112.00 ft (CF)
KB to GR/CF: 8.00 ft
Test Type: Conventional Bottom Hole (Reset)
Tester: Ray Schwager
Unit No: 70

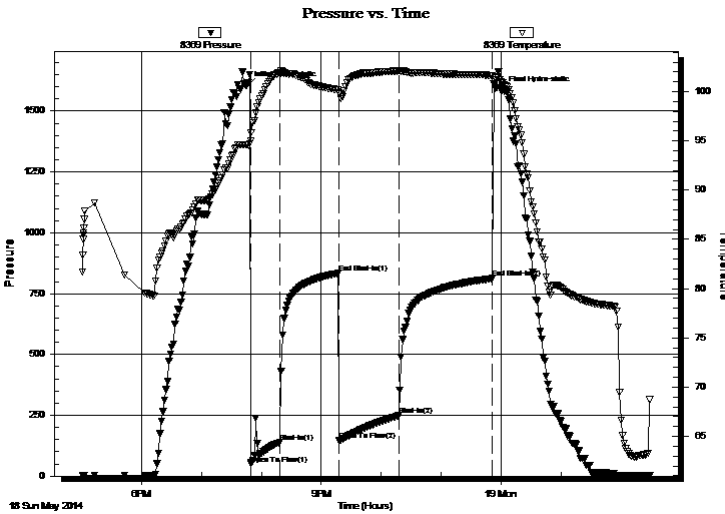
Serial #: 8369

Inside

Press@RunDepth: 249.43 psig @ 3329.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2014.05.18 End Date: 2014.05.19 Last Calib.: 2014.05.19
Start Time: 17:00:56 End Time: 02:28:51 Time On Btm: 2014.05.18 @ 19:45:51
Time Off Btm: 2014.05.19 @ 00:01:20

TEST COMMENT: 30-IFP-w k to strg in 3 min
60-ISIP-1" bl bk
60-FFP-w k to strg in 10 min
90-FSIP-1/4" bl bk

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1603.12	94.57	Initial Hydro-static
4	50.60	94.97	Open To Flow (1)
33	138.92	101.94	Shut-In(1)
92	833.26	100.16	End Shut-In(1)
92	146.07	99.85	Open To Flow (2)
152	249.43	102.11	Shut-In(2)
246	812.40	101.62	End Shut-In(2)
256	1582.98	100.95	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	490'GIP	0.00
186.00	CO	2.61
130.00	MGO 5%G30%M65%O	1.82
175.00	MGO 5%G5%M15%W75%O	2.45
70.00	SOCMW 4%O5%M91%W	0.98

* Recovery from multiple tests

Gas Rates

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



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TESTING, INC.

DRILL STEM TEST REPORT

Gore Oil Company

PO Box 2757
Wichita KS 67202-4518

ATTN: Chuck Schmalz

17-9s-17w Rooks,KS

Preston #1

Job Ticket: 55347

DST#: 2

Test Start: 2014.05.18 @ 17:00:56

GENERAL INFORMATION:

Formation: **LKC C-F**

Deviated: No Whipstock: ft (KB) Test Type: Conventional Bottom Hole (Reset)

Time Tool Opened: 19:49:21 Tester: Ray Schwager

Time Test Ended: 02:28:51 Unit No: 70

Interval: **3324.00 ft (KB) To 3390.00 ft (KB) (TVD)** Reference Elevations: 2120.00 ft (KB)

Total Depth: 3390.00 ft (KB) (TVD) 2112.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 8.00 ft

Serial #: 8700

Outside

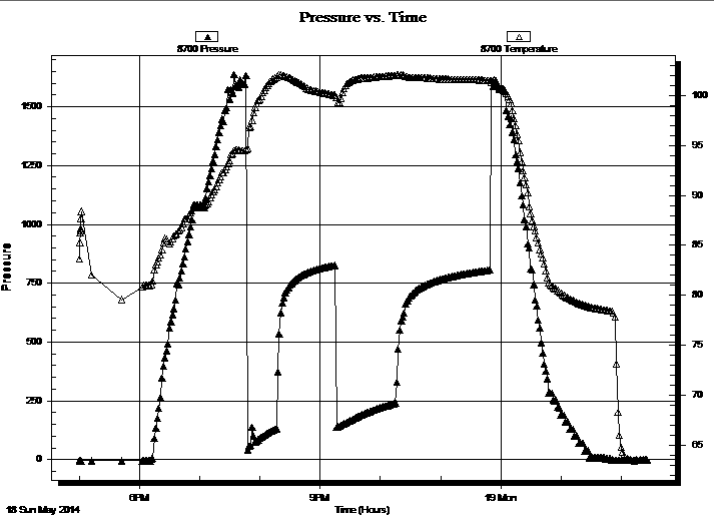
Press@RunDepth: psig @ 3329.00 ft (KB) Capacity: 8000.00 psig

Start Date: 2014.05.18 End Date: 2014.05.19 Last Calib.: 2014.05.19

Start Time: 17:00:17 End Time: 02:26:12 Time On Btm:

Time Off Btm:

TEST COMMENT: 30-IFP-w k to strg in 3 min
60-ISIP-1" bl bk
60-FFP-w k to strg in 10 min
90-FSIP-1/4" bl bk



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
0.00	490'GIP	0.00
186.00	CO	2.61
130.00	MGO 5%G30%M65%O	1.82
175.00	MGO 5%G5%M15%W75%O	2.45
70.00	SOCMW 4%O5%M91%W	0.98

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
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DRILL STEM TEST REPORT

TOOL DIAGRAM

Gore Oil Company

17-9s-17w Rooks,KS

PO Box 2757
Wichita KS 67202-4518

Preston #1

Job Ticket: 55347

DST#: 2

ATTN: Chuck Schmaltz

Test Start: 2014.05.18 @ 17:00:56

Tool Information

Drill Pipe:	Length: 3316.00 ft	Diameter: 3.80 inches	Volume: 46.51 bbl	Tool Weight: 2200.00 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: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 60000.00 lb
			<u>Total Volume: 46.51 bbl</u>	Tool Chased 6.00 ft
Drill Pipe Above KB:	16.00 ft			String Weight: Initial 45000.00 lb
Depth to Top Packer:	3324.00 ft			Final 46000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	66.00 ft			
Tool Length:	90.00 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			3301.00	
Shut In Tool	5.00			3306.00	
Hydraulic tool	5.00			3311.00	
Safety Joint	3.00			3314.00	
Packer	5.00			3319.00	24.00 Bottom Of Top Packer
Packer	5.00			3324.00	
Stubb	1.00			3325.00	
Perforations	4.00			3329.00	
Recorder	0.00	8369	Inside	3329.00	
Recorder	0.00	8700	Outside	3329.00	
Blank Spacing	33.00			3362.00	
Perforations	25.00			3387.00	
Bullnose	3.00			3390.00	66.00 Bottom Packers & Anchor

Total Tool Length: 90.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Gore Oil Company

17-9s-17w Rooks,KS

PO Box 2757
Wichita KS 67202-4518

Preston #1

Job Ticket: 55347

DST#: 2

ATTN: Chuck Schmaltz

Test Start: 2014.05.18 @ 17:00:56

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 49.00 sec/qt
Water Loss: 6.74 in³
Resistivity: ohm.m
Salinity: 3000.00 ppm
Filter Cake: 1.00 inches

Cushion Type:
Cushion Length: ft
Cushion Volume: bbl
Gas Cushion Type:
Gas Cushion Pressure: psig

Oil API: 29 deg API
Water Salinity: 96000 ppm

Recovery Information

Recovery Table

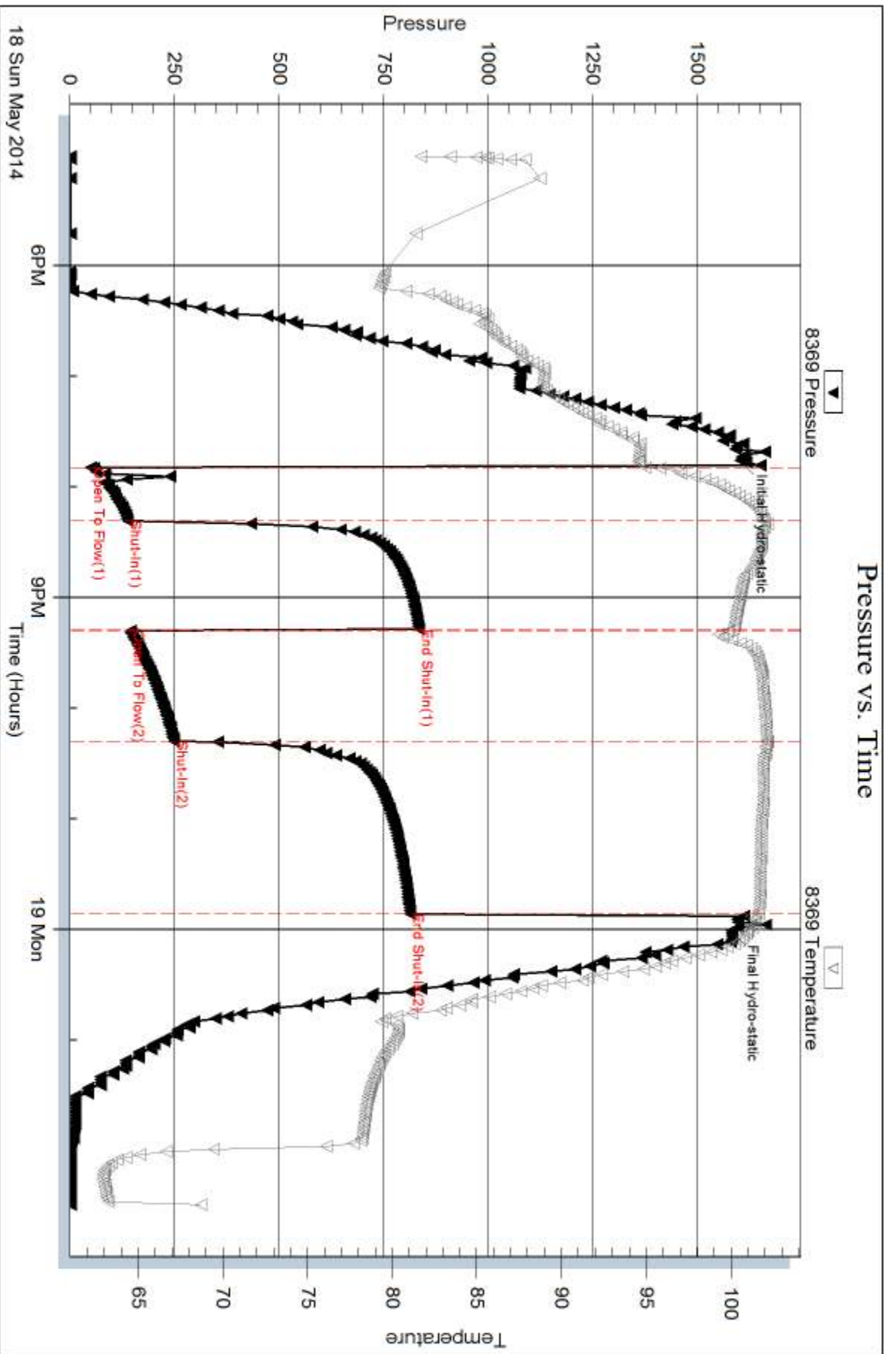
Length ft	Description	Volume bbl
0.00	490'GIP	0.000
186.00	CO	2.609
130.00	MGO 5%G30%M65%O	1.824
175.00	MGO 5%G5%M15%W75%O	2.455
70.00	SOCMW 4%O5%M91%W	0.982

Total Length: 561.00 ft Total Volume: 7.870 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments: RW .08@70F

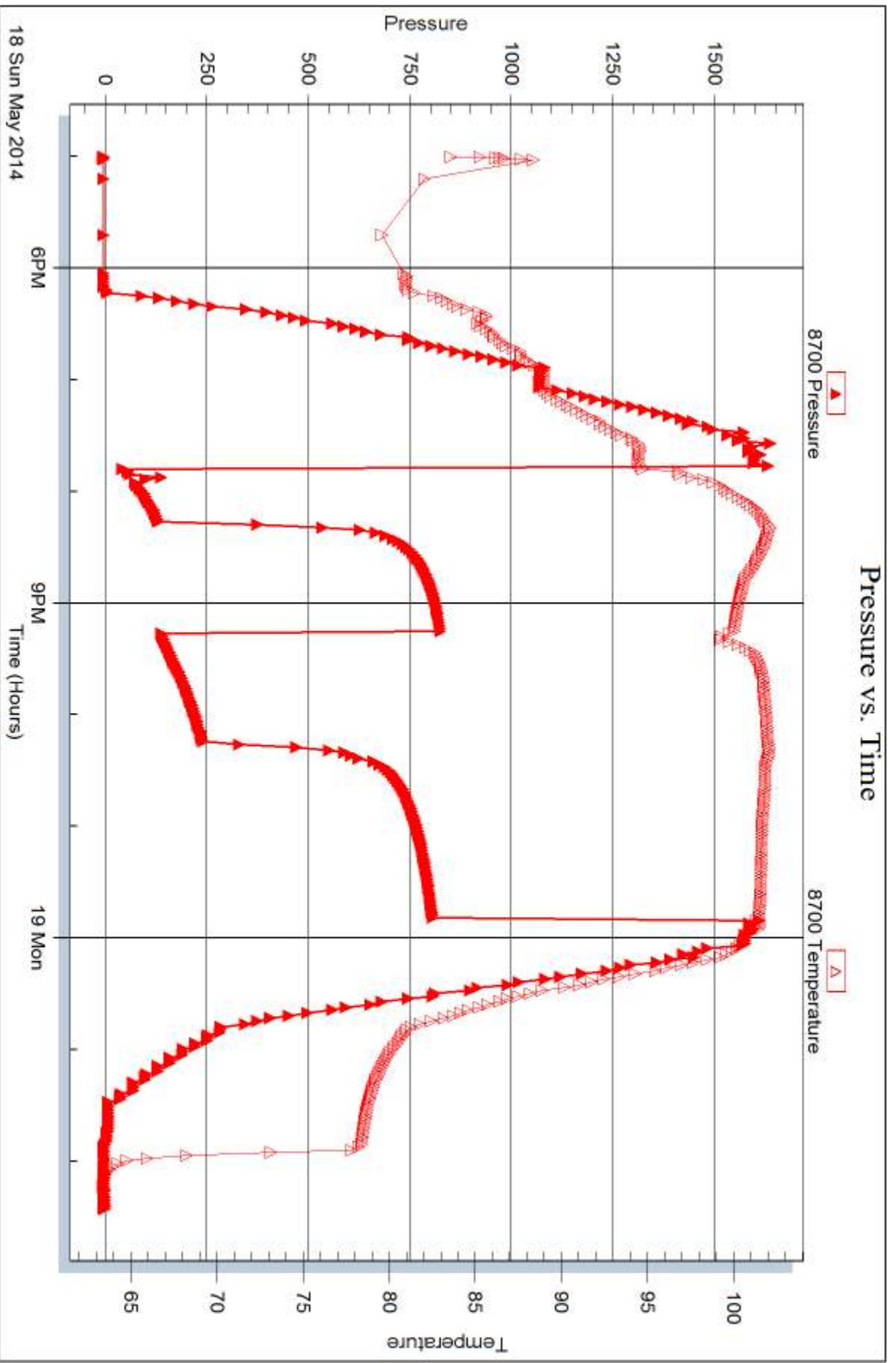


Serial #: 8700

Outside Gore Oil Company

Preston #1

DST Test Number: 2





DRILL STEM TEST REPORT

Prepared For: **Gore Oil Company**

PO Box 2757
Wichita KS 67202-4518

ATTN: Chuck Schmaltz

Preston #1

17-9s-17w Rooks,KS

Start Date: 2014.05.19 @ 09:15:55

End Date: 2014.05.19 @ 16:52:19

Job Ticket #: 55348 DST #: 3

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

Printed: 2014.05.21 @ 11:30:55



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Gore Oil Company
 PO Box 2757
 Wichita KS 67202-4518
 ATTN: Chuck Schmalz

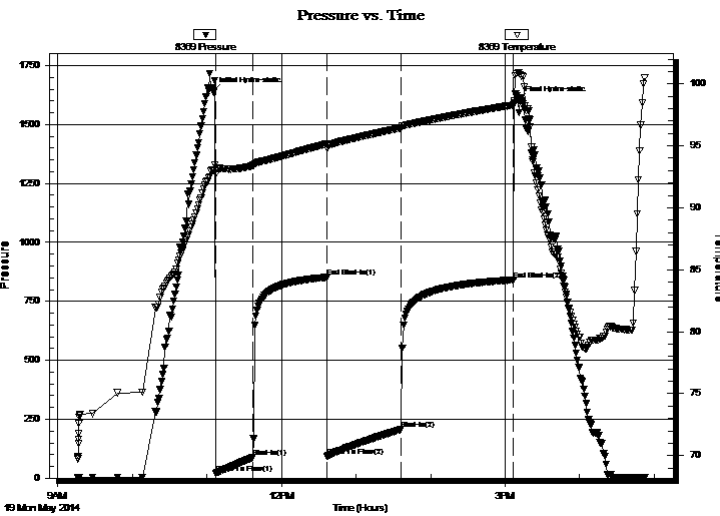
17-9s-17w Rooks,KS
Preston #1
 Job Ticket: 55348 **DST#: 3**
 Test Start: 2014.05.19 @ 09:15:55

GENERAL INFORMATION:

Formation: **LKC G**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 11:07:20
 Time Test Ended: 16:52:19
 Interval: **3393.00 ft (KB) To 3425.00 ft (KB) (TVD)**
 Total Depth: 3425.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Ray Schwager
 Unit No: 70
 Reference Elevations: 2120.00 ft (KB)
 2112.00 ft (CF)
 KB to GR/CF: 8.00 ft

Serial #: 8369 Inside
 Press@RunDepth: 206.44 psig @ 3397.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2014.05.19 End Date: 2014.05.19 Last Calib.: 2014.05.19
 Start Time: 09:15:55 End Time: 16:52:19 Time On Btm: 2014.05.19 @ 11:04:50
 Time Off Btm: 2014.05.19 @ 15:10:49

TEST COMMENT: 30-IFP-w k to strg in 15 min
 60-FFP-no bl
 60-FFP-w k to a strg bl in 35 min
 90-FSIP-no bl



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1641.80	93.04	Initial Hydro-static
3	21.23	92.73	Open To Flow (1)
32	87.35	93.38	Shut-In(1)
92	851.92	95.15	End Shut-In(1)
92	93.34	94.82	Open To Flow (2)
152	206.44	96.45	Shut-In(2)
242	841.24	98.29	End Shut-In(2)
246	1600.18	100.92	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
530.00	Water	7.43

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Gore Oil Company
PO Box 2757
Wichita KS 67202-4518
ATTN: Chuck Schmalz

17-9s-17w Rooks,KS
Preston #1
Job Ticket: 55348 **DST#: 3**
Test Start: 2014.05.19 @ 09:15:55

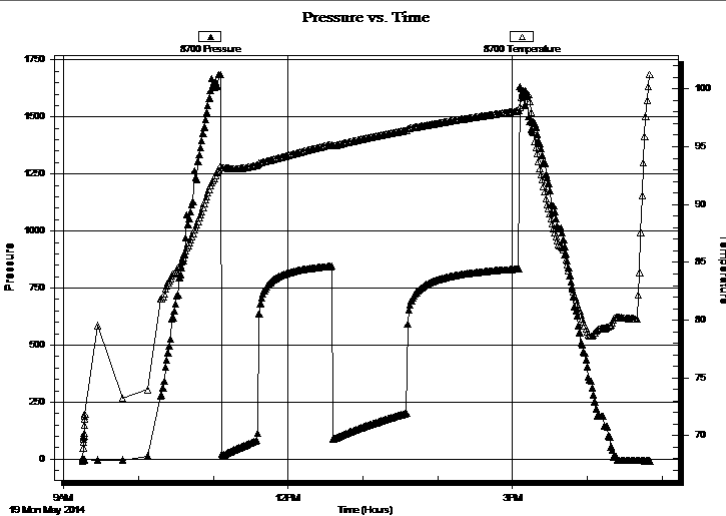
GENERAL INFORMATION:

Formation: **LKC G**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 11:07:20
Time Test Ended: 16:52:19
Interval: **3393.00 ft (KB) To 3425.00 ft (KB) (TVD)**
Total Depth: 3425.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair
Reference Elevations: 2120.00 ft (KB)
2112.00 ft (CF)
KB to GR/CF: 8.00 ft

Serial #: 8700 Outside
Press@RunDepth: psig @ 3397.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2014.05.19 End Date: 2014.05.19 Last Calib.: 2014.05.19
Start Time: 09:15:19 End Time: 16:49:43 Time On Btm:
Time Off Btm:

TEST COMMENT: 30-IFP-w k to strg in 15 min
60-FFP-no bl
60-FFP-w k to a strg bl in 35 min
90-FSIP-no bl

PRESSURE SUMMARY



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

Recovery

Length (ft)	Description	Volume (bbl)
530.00	Water	7.43

* 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

17-9s-17w Rooks,KS

PO Box 2757
Wichita KS 67202-4518

Preston #1

Job Ticket: 55348

DST#: 3

ATTN: Chuck Schmaltz

Test Start: 2014.05.19 @ 09:15:55

Tool Information

Drill Pipe:	Length: 3379.00 ft	Diameter: 3.80 inches	Volume: 47.40 bbl	Tool Weight: 2200.00 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: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 65000.00 lb
			<u>Total Volume: 47.40 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	10.00 ft			String Weight: Initial 44000.00 lb
Depth to Top Packer:	3393.00 ft			Final 47000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	32.00 ft			
Tool Length:	56.00 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			3370.00	
Shut In Tool	5.00			3375.00	
Hydraulic tool	5.00			3380.00	
Safety Joint	3.00			3383.00	
Packer	5.00			3388.00	24.00 Bottom Of Top Packer
Packer	5.00			3393.00	
Stubb	1.00			3394.00	
Perforations	3.00			3397.00	
Recorder	0.00	8369	Inside	3397.00	
Recorder	0.00	8700	Outside	3397.00	
Perforations	25.00			3422.00	
Bullnose	3.00			3425.00	32.00 Bottom Packers & Anchor

Total Tool Length: 56.00



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DRILL STEM TEST REPORT

FLUID SUMMARY

Gore Oil Company

17-9s-17w Rooks,KS

PO Box 2757
Wichita KS 67202-4518

Preston #1

Job Ticket: 55348

DST#: 3

ATTN: Chuck Schmaltz

Test Start: 2014.05.19 @ 09:15:55

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:

98000 ppm

Viscosity: 51.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.54 in³

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 bbl
530.00	Water	7.435

Total Length: 530.00 ft Total Volume: 7.435 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW .07@75F

Serial #: 8369

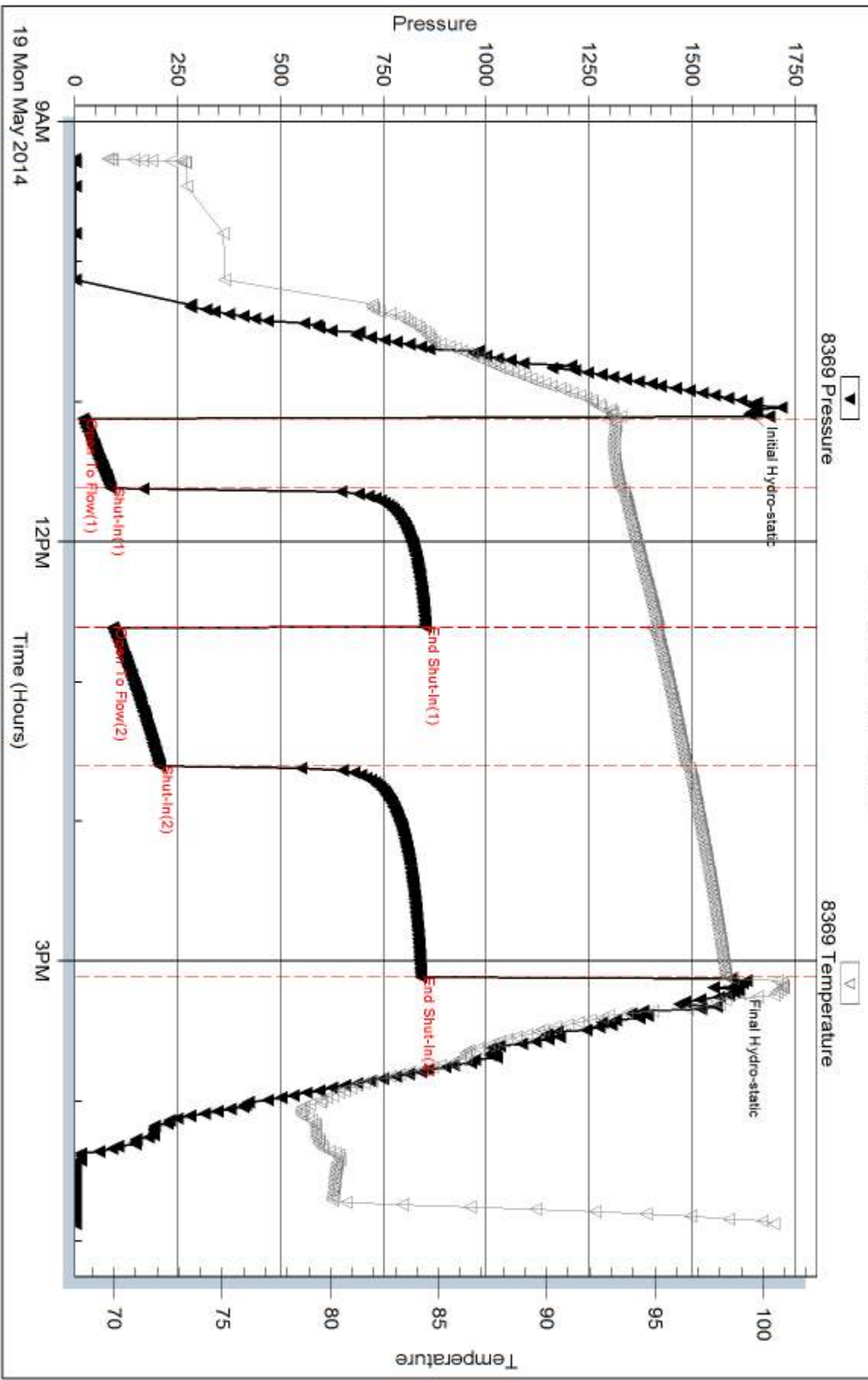
Inside

Gore Oil Company

Preston #1

DST Test Number: 3

Pressure vs. Time



Triobite Testing, Inc

Ref. No: 55348

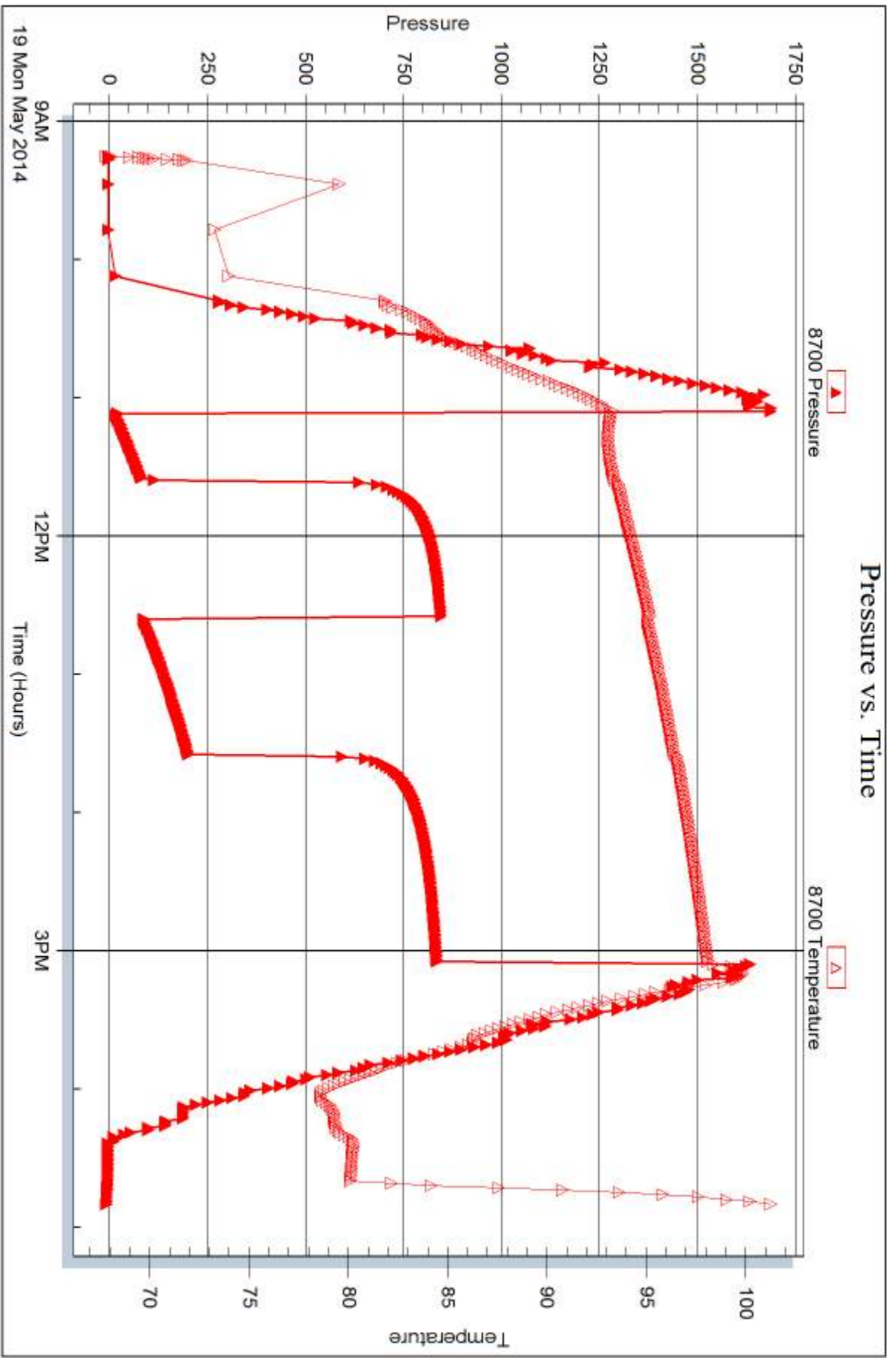
Printed: 2014.05.21 @ 11:30:56

Serial #: 8700

Outside Gore Oil Company

Preston #1

DST Test Number: 3



Triobite Testing, Inc

Ref. No: 55348

Printed: 2014.05.21 @ 11:30:56



DRILL STEM TEST REPORT

Prepared For: **Gore Oil Company**

PO Box 2757
Wichita KS 67202-4518

ATTN: Chuck Schmaltz

Preston #1

17-9s-17w Rooks,KS

Start Date: 2014.05.20 @ 06:55:59

End Date: 2014.05.20 @ 12:43:53

Job Ticket #: 55349 DST #: 4

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

Printed: 2014.05.21 @ 11:30:34



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Gore Oil Company
 PO Box 2757
 Wichita KS 67202-4518
 ATTN: Chuck Schmaltz

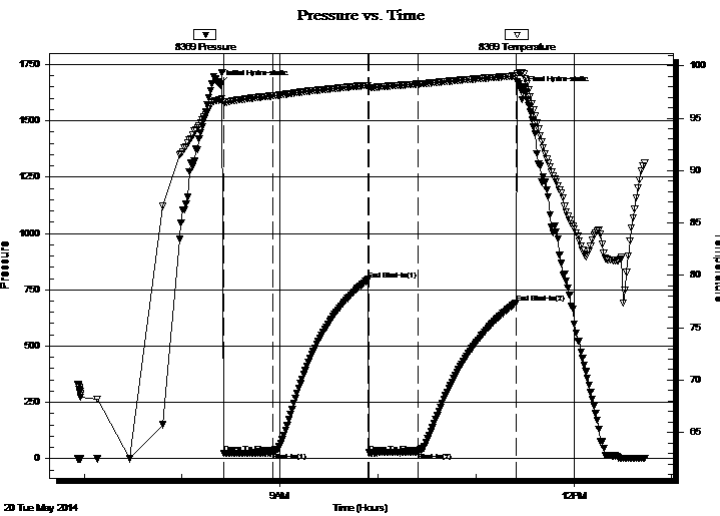
17-9s-17w Rooks,KS
Preston #1
 Job Ticket: 55349 **DST#: 4**
 Test Start: 2014.05.20 @ 06:55:59

GENERAL INFORMATION:

Formation: **LKC H-L**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 08:25:24
 Time Test Ended: 12:43:53
 Interval: **3418.00 ft (KB) To 3530.00 ft (KB) (TVD)**
 Total Depth: 3530.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Ray Schwager
 Unit No: 70
 Reference Elevations: 2120.00 ft (KB)
 2112.00 ft (CF)
 KB to GR/CF: 8.00 ft

Serial #: 8369 Inside
 Press@RunDepth: 27.21 psig @ 3429.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2014.05.20 End Date: 2014.05.20 Last Calib.: 2014.05.20
 Start Time: 06:55:59 End Time: 12:43:53 Time On Btm: 2014.05.20 @ 08:22:54
 Time Off Btm: 2014.05.20 @ 11:27:53

TEST COMMENT: 30-IFP-w k bl 1/4" to surface bl
 60-ISIP-no bl
 30-FFP-no bl
 60-FSIP-no bl



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1662.75	96.75	Initial Hydro-static
3	22.49	96.53	Open To Flow (1)
33	26.06	97.14	Shut-In(1)
91	794.73	98.14	End Shut-In(1)
92	25.71	97.84	Open To Flow (2)
122	27.21	98.26	Shut-In(2)
182	689.56	99.04	End Shut-In(2)
185	1634.25	99.38	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	Mud	0.14

* Recovery from multiple tests

Gas Rates

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



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Gore Oil Company
 PO Box 2757
 Wichita KS 67202-4518
 ATTN: Chuck Schmalz

17-9s-17w Rooks,KS
Preston #1
 Job Ticket: 55349 **DST#: 4**
 Test Start: 2014.05.20 @ 06:55:59

GENERAL INFORMATION:

Formation: **LKC H-L**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 08:25:24
 Time Test Ended: 12:43:53

Test Type: Conventional Bottom Hole (Reset)
 Tester: Ray Schwager
 Unit No: 70

Interval: 3418.00 ft (KB) To 3530.00 ft (KB) (TVD)
 Total Depth: 3530.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2120.00 ft (KB)
 2112.00 ft (CF)
 KB to GR/CF: 8.00 ft

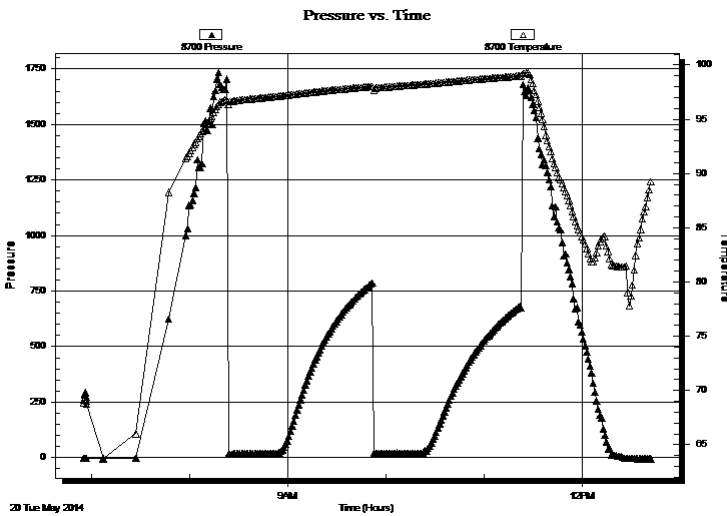
Serial #: 8700 **Outside**

Press@RunDepth: psig @ 3429.00 ft (KB)
 Start Date: 2014.05.20 End Date: 2014.05.20
 Start Time: 06:55:24 End Time: 12:41:48

Capacity: 8000.00 psig
 Last Calib.: 2014.05.20
 Time On Btm:
 Time Off Btm:

TEST COMMENT: 30-IFP-w k bl 1/4" to surface bl
 60-ISIP-no bl
 30-FFP-no bl
 60-FSIP-no bl

PRESSURE SUMMARY



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

Recovery

Length (ft)	Description	Volume (bbl)
10.00	Mud	0.14

* 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

17-9s-17w Rooks,KS

PO Box 2757
Wichita KS 67202-4518

Preston #1

Job Ticket: 55349

DST#: 4

ATTN: Chuck Schmaltz

Test Start: 2014.05.20 @ 06:55:59

Tool Information

Drill Pipe:	Length: 3409.00 ft	Diameter: 3.80 inches	Volume: 47.82 bbl	Tool Weight: 2200.00 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: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 60000.00 lb
			<u>Total Volume: 47.82 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	15.00 ft			String Weight: Initial 44000.00 lb
Depth to Top Packer:	3418.00 ft			Final 44000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	112.00 ft			
Tool Length:	136.00 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			3395.00	
Shut In Tool	5.00			3400.00	
Hydraulic tool	5.00			3405.00	
Safety Joint	3.00			3408.00	
Packer	5.00			3413.00	24.00 Bottom Of Top Packer
Packer	5.00			3418.00	
Stubb	1.00			3419.00	
Perforations	10.00			3429.00	
Recorder	0.00	8369	Inside	3429.00	
Recorder	0.00	8700	Outside	3429.00	
Blank Spacing	95.00			3524.00	
Perforations	3.00			3527.00	
Bullnose	3.00			3530.00	112.00 Bottom Packers & Anchor

Total Tool Length: 136.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Gore Oil Company

17-9s-17w Rooks,KS

PO Box 2757
Wichita KS 67202-4518

Preston #1

Job Ticket: 55349

DST#: 4

ATTN: Chuck Schmaltz

Test Start: 2014.05.20 @ 06:55:59

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: 7.56 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3100.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	Mud	0.140

Total Length: 10.00 ft Total Volume: 0.140 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

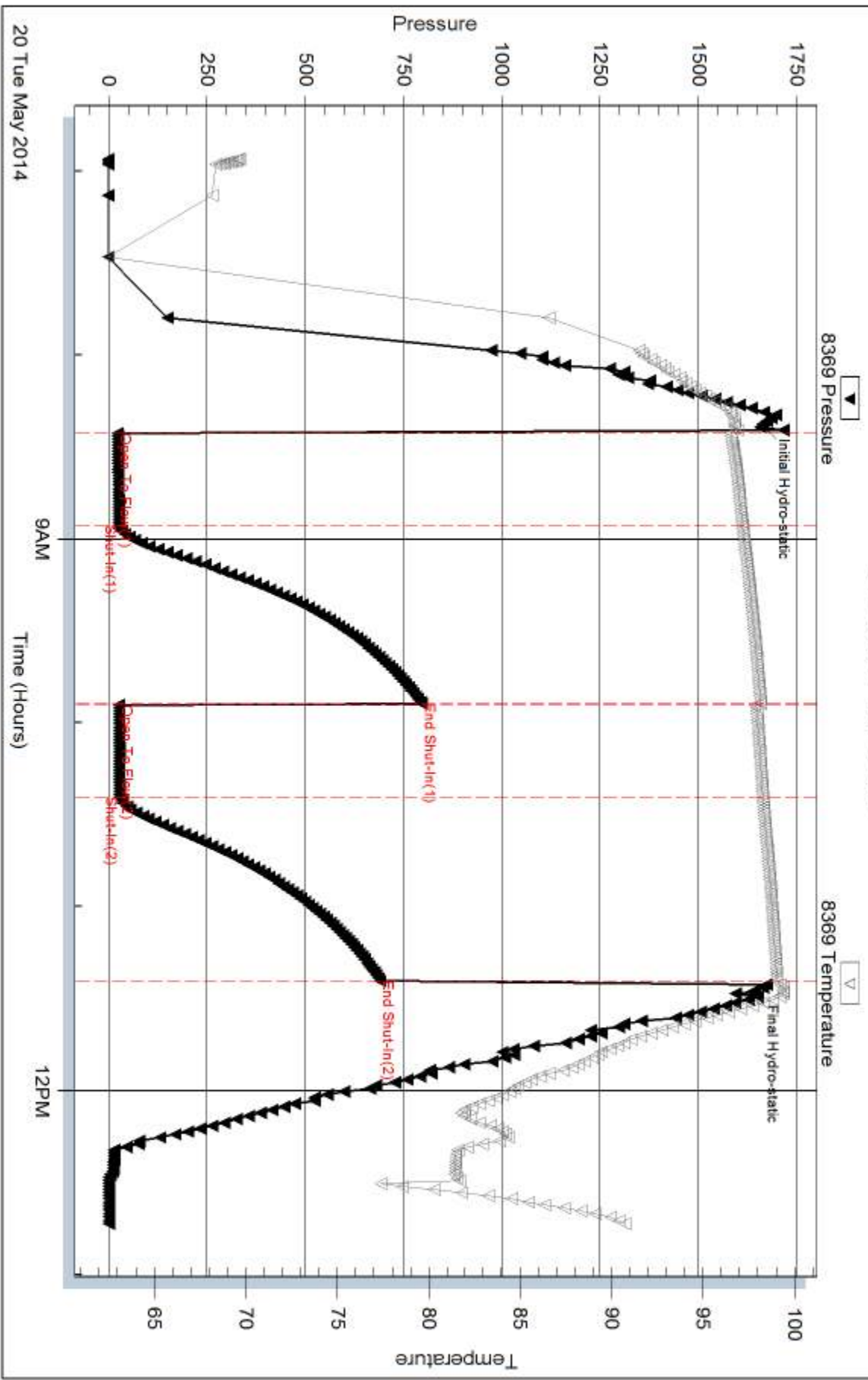
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time

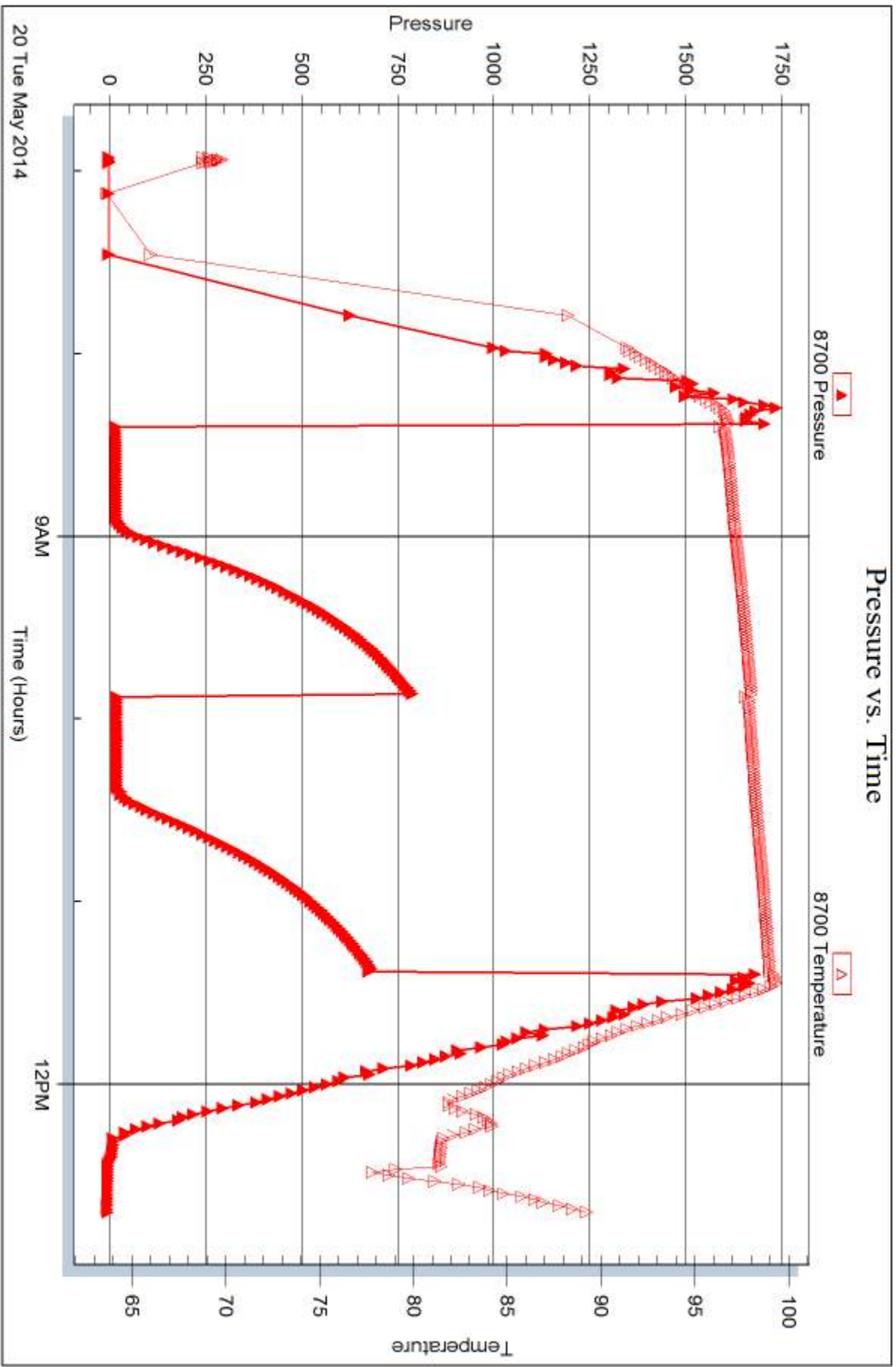


Serial #: 8700

Outside Gore Oil Company

Preston #1

DST Test Number: 4



Trilobite Testing, Inc

Ref. No: 55349

Printed: 2014.05.21 @ 11:30:35



DRILL STEM TEST REPORT

Prepared For: **Gore Oil Company**

PO Box 2757
Wichita KS 67202-4518

ATTN: Chuck Schmaltz

Preston #1

17-9s-17w Rooks,KS

Start Date: 2014.05.20 @ 20:50:49

End Date: 2014.05.21 @ 03:16:13

Job Ticket #: 55350 DST #: 5

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

Printed: 2014.05.21 @ 11:30:01



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Gore Oil Company
 PO Box 2757
 Wichita KS 67202-4518
 ATTN: Chuck Schmaltz

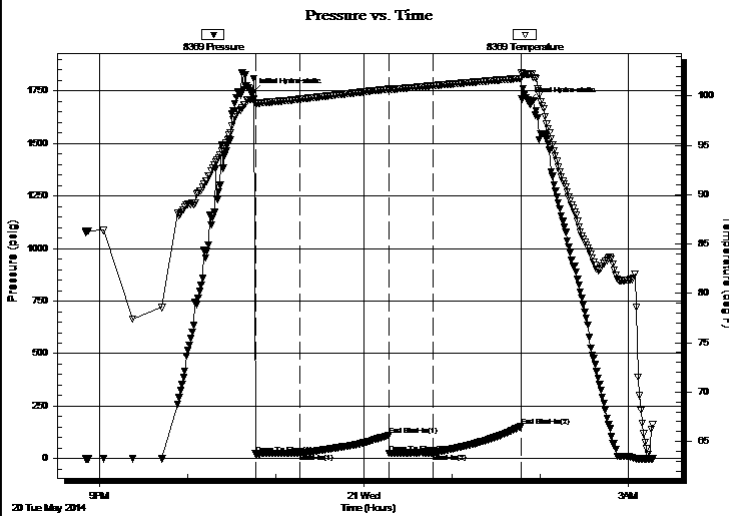
17-9s-17w Rooks,KS
Preston #1
 Job Ticket: 55350 **DST#: 5**
 Test Start: 2014.05.20 @ 20:50:49

GENERAL INFORMATION:

Formation: **Congl sd**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Reset)
 Time Tool Opened: 22:46:14 Tester: Ray Schwager
 Time Test Ended: 03:16:13 Unit No: 70
 Interval: **3528.00 ft (KB) To 3603.00 ft (KB) (TVD)** Reference Elevations: 2120.00 ft (KB)
 Total Depth: 3603.00 ft (KB) (TVD) 2112.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 8.00 ft

Serial #: 8369 Inside
 Press@RunDepth: 28.03 psig @ 3536.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2014.05.20 End Date: 2014.05.21 Last Calib.: 2014.05.21
 Start Time: 20:50:49 End Time: 03:16:13 Time On Btm: 2014.05.20 @ 22:44:14
 Time Off Btm: 2014.05.21 @ 01:51:43

TEST COMMENT: 30-IFP-w k bl 1/2" to 1/4" bl
 60-ISIP-no bl
 30-FFP-no bl
 60-FSIP-no bl



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1739.97	99.66	Initial Hydro-static
2	23.36	99.20	Open To Flow (1)
32	25.78	99.67	Shut-In(1)
93	111.30	100.69	End Shut-In(1)
93	26.27	100.67	Open To Flow (2)
123	28.03	101.04	Shut-In(2)
183	153.97	101.79	End Shut-In(2)
188	1699.97	102.19	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
15.00	Mud	0.21

* Recovery from multiple tests

Gas Rates

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



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Gore Oil Company
 PO Box 2757
 Wichita KS 67202-4518
 ATTN: Chuck Schmalz

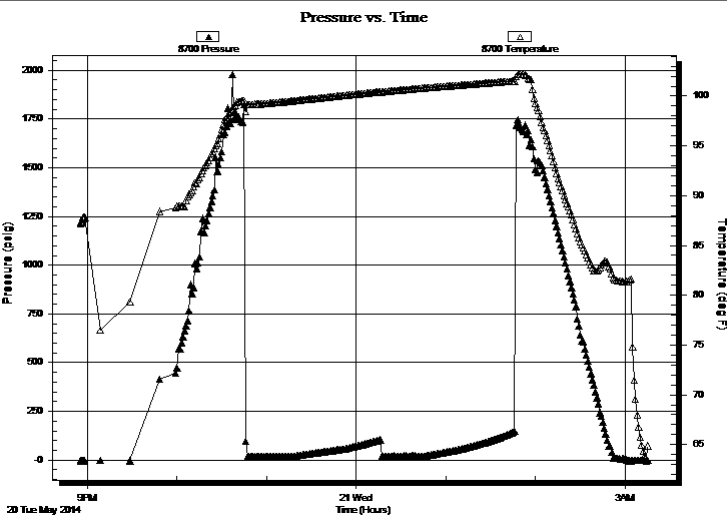
17-9s-17w Rooks, KS
Preston #1
 Job Ticket: 55350 **DST#: 5**
 Test Start: 2014.05.20 @ 20:50:49

GENERAL INFORMATION:

Formation: **Congl sd**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Reset)
 Time Tool Opened: 22:46:14 Tester: Ray Schwager
 Time Test Ended: 03:16:13 Unit No: 70
Interval: 3528.00 ft (KB) To 3603.00 ft (KB) (TVD)
 Reference Elevations: 2120.00 ft (KB)
 Total Depth: 3603.00 ft (KB) (TVD) 2112.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 8.00 ft

Serial #: 8700 Outside
 Press@RunDepth: psig @ 3536.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2014.05.20 End Date: 2014.05.21 Last Calib.: 2014.05.21
 Start Time: 20:55:38 End Time: 03:15:40 Time On Btm:
 Time Off Btm:

TEST COMMENT: 30-IFP-w k bl 1/2" to 1/4" bl
 60-ISIP-no bl
 30-FFP-no bl
 60-FSIP-no bl



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
15.00	Mud	0.21

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

17-9s-17w Rooks,KS

PO Box 2757
Wichita KS 67202-4518

Preston #1

Job Ticket: 55350

DST#: 5

ATTN: Chuck Schmaltz

Test Start: 2014.05.20 @ 20:50:49

Tool Information

Drill Pipe:	Length: 3525.00 ft	Diameter: 3.80 inches	Volume: 49.45 bbl	Tool Weight:	2200.00 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: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose:	65000.00 lb
			<u>Total Volume: 49.45 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	21.00 ft			String Weight: Initial	46000.00 lb
Depth to Top Packer:	3528.00 ft			Final	46000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	75.00 ft				
Tool Length:	99.00 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			3505.00	
Shut In Tool	5.00			3510.00	
Hydraulic tool	5.00			3515.00	
Safety Joint	3.00			3518.00	
Packer	5.00			3523.00	24.00 Bottom Of Top Packer
Packer	5.00			3528.00	
Stubb	1.00			3529.00	
Perforations	7.00			3536.00	
Recorder	0.00	8369	Inside	3536.00	
Recorder	0.00	8700	Outside	3536.00	
Blank Spacing	64.00			3600.00	
Bullnose	3.00			3603.00	75.00 Bottom Packers & Anchor

Total Tool Length: 99.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Gore Oil Company

17-9s-17w Rooks,KS

PO Box 2757
Wichita KS 67202-4518

Preston #1

Job Ticket: 55350

DST#: 5

ATTN: Chuck Schmaltz

Test Start: 2014.05.20 @ 20:50:49

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: 54.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.18 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3100.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
15.00	Mud	0.210

Total Length: 15.00 ft Total Volume: 0.210 bbl

Num Fluid Samples: 0

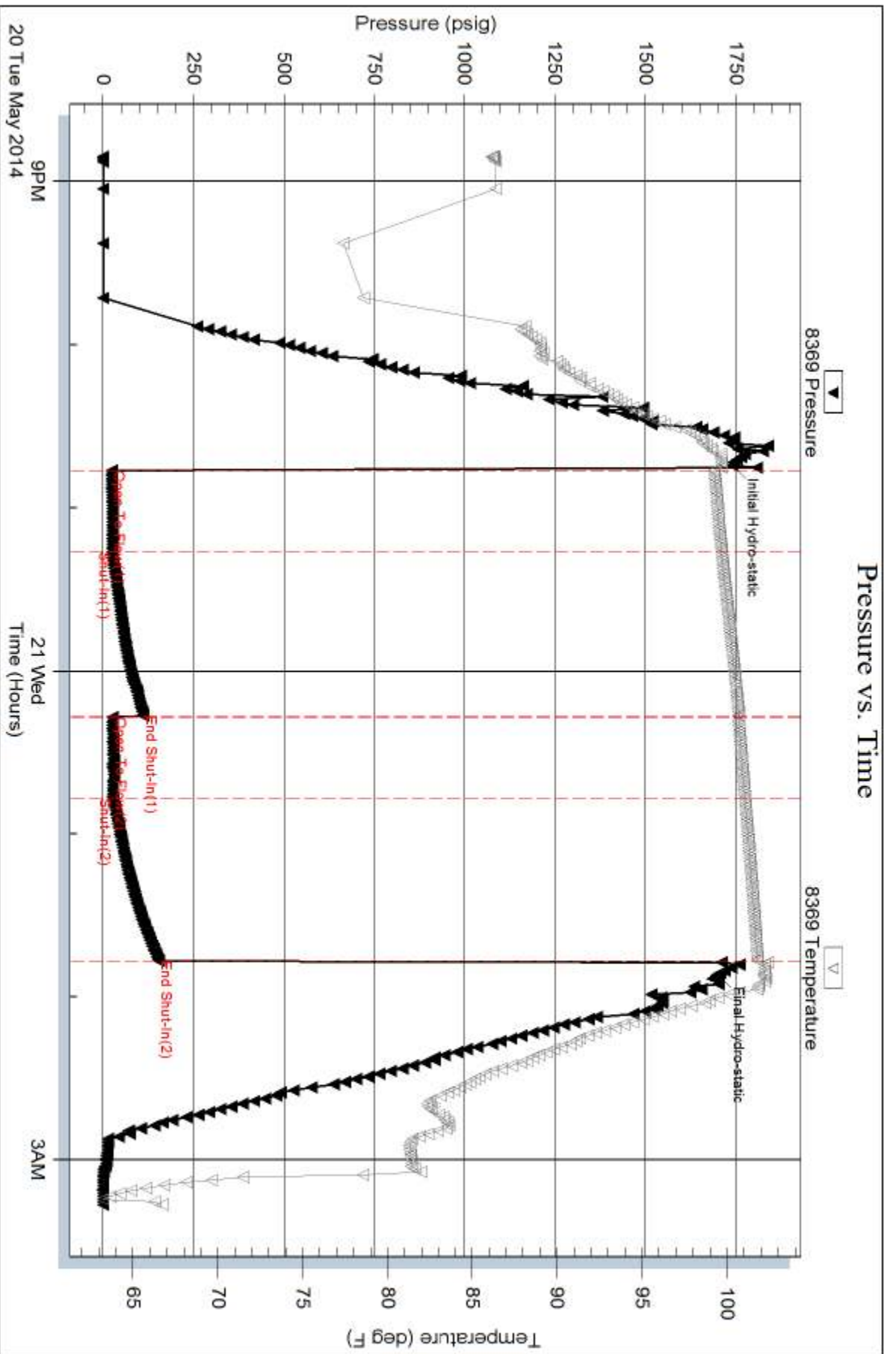
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

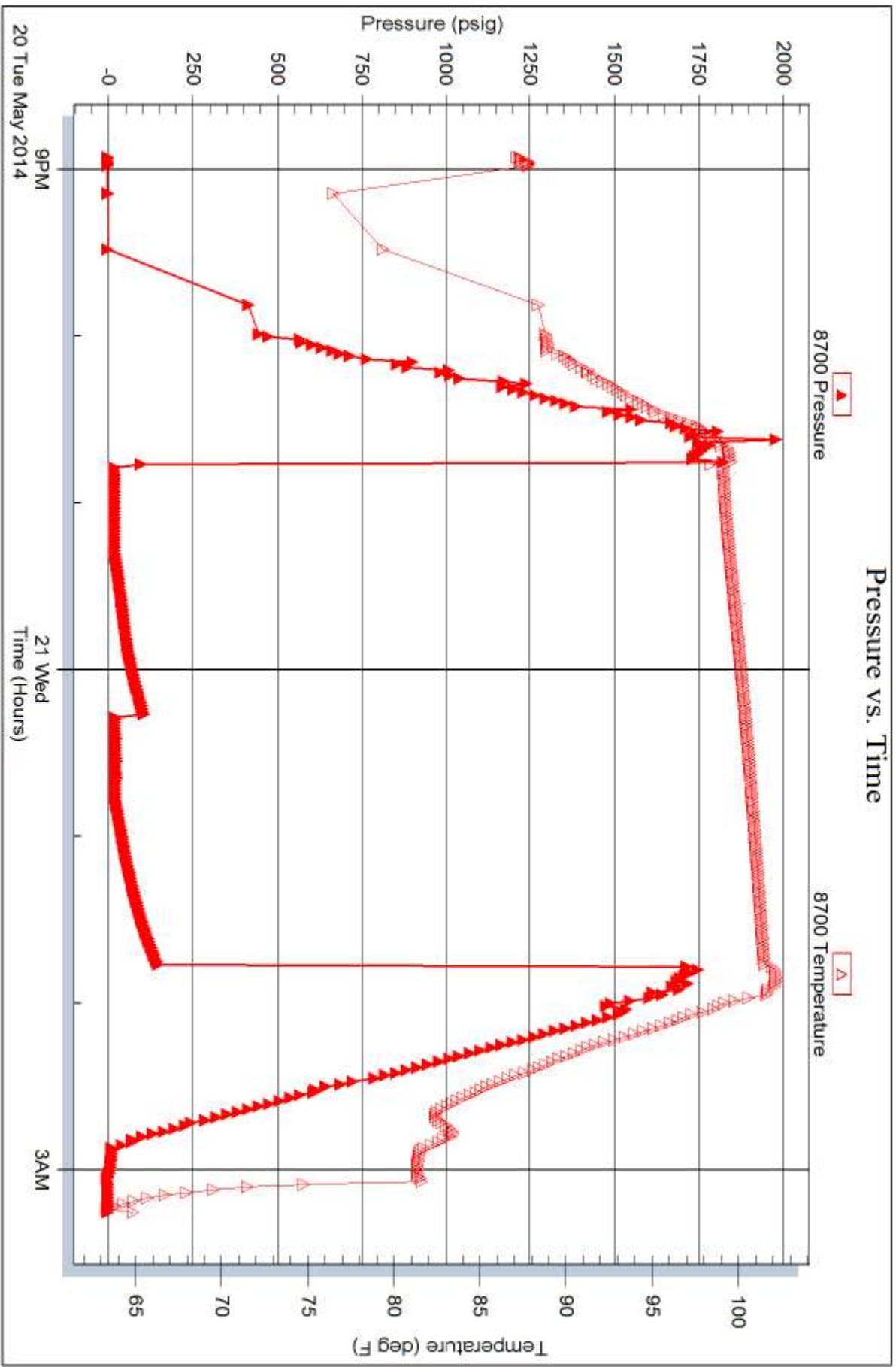


Serial #: 8700

Outside Gore Oil Company

Preston #1

DST Test Number: 5



Trilobite Testing, Inc

Ref. No: 55350

Printed: 2014.05.21 @ 11:30:02



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 55346

Well Name & No. Preston #1 Test No. 1 Date 5-17-14
 Company Gore O, L Company Elevation 2120 KB 2112 GL
 Address 202 S ST. FRANCIS, PO Box 2757 Wichita, KS 67202-4518
 Co. Rep / Geo. Chuck Schmalz Rig Maverick 108
 Location: Sec. 17 Twp. 9^s Rge. 17^w Co. Roos State Ks

Interval Tested 3216-3330 Zone Tested Oread-A
 Anchor Length 114 Drill Pipe Run 3212 Mud Wt. 9.1
 Top Packer Depth 3211 Drill Collars Run - Vis 49
 Bottom Packer Depth 3216 Wt. Pipe Run - WL 5.8
 Total Depth 3330 Chlorides 1600 ppm System LCM 1 1/2 #

Blow Description I FP - Weak Blow thru-out 1/2" To 3/4" Blow
ISIP - NO Blow
FFP - NO Blow
FSIP - No Blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>45</u>	<u>mw</u>			<u>90</u>	<u>10</u>
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 45 BHT 99 Gravity - API RW .11 @ 65 ° F Chlorides 73000 ppm
 (A) Initial Hydrostatic 1553 Test 1150 T-On Location 2240
 (B) First Initial Flow 17 Jars 250 T-Started 0015
 (C) First Final Flow 31 Safety Joint 75 T-Open 0235
 (D) Initial Shut-In 981 Circ Sub _____ T-Pulled 0535
 (E) Second Initial Flow 30 Hourly Standby _____ T-Out 0739
 (F) Second Final Flow 40 Mileage 65RT 100.75 Comments _____
 (G) Final Shut-In 973 Sampler _____ Slid Tool approx 6' To
 (H) Final Hydrostatic 1520 Straddle _____ Bottom
 Ruined Shale Packer _____
 Ruined Packer _____

Initial Open 30 Extra Packer _____
 Initial Shut-In 60 Extra Recorder _____
 Final Flow 30 Day Standby _____
 Final Shut-In 60 Accessibility _____
 Sub Total 1575.75 MP/DST Disc't _____

Approved By Chuck Schmalz Our Representative Ray Schwager Thank you

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. 55347

Well Name & No. Preston #1 Test No. 2 Date 5-18-14
 Company Gore Oil Company Elevation 2120 KB 2112 GL
 Address 202 S. ST. FRANCIS, PO Box 2757 WICHITA, Ks 67202-4518
 Co. Rep / Geo. Chuck Schmalz Rig Maverick 108
 Location: Sec. 17 Twp. 9^s Rge. 17^w Co. Rooks State Ks

Interval Tested 3324-3390 Zone Tested LKC C-F
 Anchor Length 66 Drill Pipe Run 3316 Mud Wt. 9.2
 Top Packer Depth 3319 Drill Collars Run — Vis 49
 Bottom Packer Depth 3324 Wt. Pipe Run — WL 6.8
 Total Depth 3390 Chlorides 3000 ppm System LCM 2 1/2 #

Blow Description TFP - Weak to Strong in 3 min
ISTP - 1" Blow Back
FFP - Weak to Strong in 10 min
FSIP - 1/4" Blow Back

Rec	Feet of	%gas	%oil	%water	%mud
<u>490</u>	<u>GIP</u>				
<u>186</u>	<u>CO</u>				
<u>130</u>	<u>MGO</u>	<u>5</u>	<u>65</u>	<u>30</u>	
<u>175</u>	<u>MGO</u>	<u>5</u>	<u>75</u>	<u>15</u>	<u>5</u>
<u>70</u>	<u>SOC MW</u>	<u>4</u>	<u>91</u>	<u>5</u>	

Rec Total 561 BHT 101 Gravity 29 API RW .08 @ 70 ° F Chlorides 96000 ppm

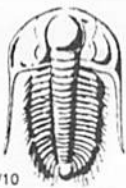
(A) Initial Hydrostatic 1603 Test 1150 T-On Location 1635
 (B) First Initial Flow 50 Jars T-Started 1700
 (C) First Final Flow 138 Safety Joint 75 T-Open 1945
 (D) Initial Shut-In 833 Circ Sub T-Pulled 2345
 (E) Second Initial Flow 146 Hourly Standby T-Out 0 238
 (F) Second Final Flow 249 Mileage 65RT 100.75 Comments Slid Tool Approx 6' to Bottom
 (G) Final Shut-In 812 Sampler Ruined Shale Packer
 (H) Final Hydrostatic 1582 Straddle Ruined Packer

Initial Open 30 Extra Packer Extra Copies
 Initial Shut-In 60 Extra Recorder Sub Total 0
 Final Flow 60 Day Standby Total 1325.75
 Final Shut-In 90 Accessibility MP/DST Disc't

Sub Total 1325.75

Approved By Chris Schmalz Our Representative Ray Schwahn *Thank you*

TriLOBITE Testing Inc. shall not be liable for damaged or destroyed 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. 55348

Well Name & No. Preston #1 Test No. 3 Date 5-19-14
 Company Gore Oil Company Elevation 2120 KB 2112 GL
 Address 202 S. ST FRANCIS PO Box 2757 Wichita, KS 67202-4518
 Co. Rep / Geo. Chuck Schmalz Rig Maverick 108
 Location: Sec. 17 Twp. 9^s Rge. 17^w Co. Rooks State K

Interval Tested 3393-3425 Zone Tested LKC "G"
 Anchor Length 32 Drill Pipe Run 3379 Mud Wt. 9
 Top Packer Depth 3388 Drill Collars Run - Vis 51
 Bottom Packer Depth 3393 Wt. Pipe Run - WL 7.6
 Total Depth 3425 Chlorides 3100 ppm System LCM 4#

Blow Description TFP - WEAK TO STRONG IN 15min
TSIP - NO Blow
FFP - WEAK TO A STRONG Blow IN 35min
FSIP - NO Blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>530</u>	<u>WATER</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 530 BHT 98 Gravity - API RW .07 @ 75 ° F Chlorides 98000 ppm
 (A) Initial Hydrostatic 1641 Test 1150 T-On Location 0900
 (B) First Initial Flow 21 Jars T-Started 0915
 (C) First Final Flow 87 Safety Joint 75 T-Open 1105
 (D) Initial Shut-In 851 Circ Sub T-Pulled 1505
 (E) Second Initial Flow 93 Hourly Standby T-Out 1652
 (F) Second Final Flow 206 Mileage 65RT 100.75 Comments _____
 (G) Final Shut-In 841 Sampler _____
 (H) Final Hydrostatic 1600 Straddle _____
 Ruined Shale Packer _____
 Shale Packer _____
 Ruined Packer _____
 Extra Packer _____
 Extra Copies _____
 Extra Recorder _____
 Day Standby _____
 Accessibility _____

Initial Open 30
 Initial Shut-In 60
 Final Flow 60
 Final Shut-In 90
 Sub Total 1325.75
 Total 1325.75
 MP/DST Disc't _____

Approved By [Signature] Our Representative Lay Schwager Thank you
 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. 55349

Well Name & No. Preston #1 Test No. 4 Date 5-20-14
 Company Gore Oil Company Elevation 2120 KB 2102 GL
 Address 202 S. ST FRANCIS PO Box 2752 WICHITA, KS 67202-4518
 Co. Rep / Geo. Chuck Schmalz Rig Maverick 108
 Location: Sec. 17 Twp. 9^s Rge. 17^w Co. Rooks State Ks

Interval Tested 3418-3530 Zone Tested LKC H-L
 Anchor Length 112 Drill Pipe Run 3409 Mud Wt. 9.2
 Top Packer Depth 3413 Drill Collars Run - Vis 51
 Bottom Packer Depth 3418 Wt. Pipe Run - WL 7.6
 Total Depth 3530 Chlorides 3100 ppm System LCM 5#

Blow Description TFP - Weak Blow 1/4" To Surface Blow
ISIP - NO Blow
FFP - NO Blow
FSIP - NO Blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>10</u>	<u>mud</u>				

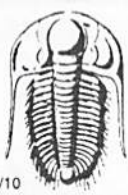
Rec Total 10 BHT 99 Gravity - API RW - @ - °F Chlorides - ppm

(A) Initial Hydrostatic 1662 Test 1150 T-On Location 0635
 (B) First Initial Flow 22 Jars T-Started 0655
 (C) First Final Flow 26 Safety Joint 75 T-Open 0820
 (D) Initial Shut-In 794 Circ Sub T-Pulled 1120
 (E) Second Initial Flow 25 Hourly Standby T-Out 1243
 (F) Second Final Flow 27 Mileage 65RT 100.75 Comments _____
 (G) Final Shut-In 689 Sampler _____
 (H) Final Hydrostatic 1634 Straddle _____
 Shale Packer _____
 Ruined Shale Packer _____
 Ruined Packer _____
 Extra Packer _____
 Extra Copies _____

Initial Open 30
 Initial Shut-In 60
 Final Flow 30
 Final Shut-In 60
 Extra Recorder _____
 Day Standby _____
 Accessibility _____
 Sub Total 1325.75
 Sub Total 1325.75
 Total 1325.75
 MP/DST Disc't _____

Approved By [Signature] Our Representative Ray Schwager Thank you

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TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 55350

Well Name & No. Preston #1 Test No. 5 Date 5-20-14
 Company GORE OIL COMPANY Elevation 2120 KB 2112 GL
 Address 202 S. ST. FRANCIS PO Box 2752 Wick, TA, Ks 67202-4518
 Co. Rep / Geo. Chuck Schmalz Rig MAVERICK 108
 Location: Sec. 17 Twp. 9^s Rge. 17^w Co. Rooks State Ks

Interval Tested 3528-3603 Zone Tested Congl
 Anchor Length 75 Drill Pipe Run 3525 Mud Wt. 9.2
 Top Packer Depth 3523 Drill Collars Run - Vis 54
 Bottom Packer Depth 3528 Wt. Pipe Run - WL 7.2
 Total Depth 3603 Chlorides 3100 ppm System LCM 4#
 Blow Description I FP - WEAK BLOW 1/2" decreased to 1/4" BLOW
ISIP - NO BLOW
FFP - NO BLOW
FSIP - NO BLOW

Rec	Feet of	%gas	%oil	%water	%mud
<u>15</u>	<u>mud</u>				

Rec Total 15 BHT 102 Gravity - API RW - @ - °F Chlorides - ppm

(A) Initial Hydrostatic <u>1739</u>	<input checked="" type="checkbox"/> Test <u>1150</u>	T-On Location <u>2015</u>
(B) First Initial Flow <u>23</u>	<input type="checkbox"/> Jars	T-Started <u>2050</u>
(C) First Final Flow <u>25</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>2245</u>
(D) Initial Shut-In <u>111</u>	<input type="checkbox"/> Circ Sub	T-Pulled <u>0145</u>
(E) Second Initial Flow <u>26</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>0316</u>
(F) Second Final Flow <u>28</u>	<input checked="" type="checkbox"/> Mileage <u>65 RT</u> 100.75	Comments
(G) Final Shut-In <u>153</u>	<input type="checkbox"/> Sampler	
(H) Final Hydrostatic <u>1699</u>	<input type="checkbox"/> Straddle	<input type="checkbox"/> Ruined Shale Packer
	<input type="checkbox"/> Shale Packer	<input type="checkbox"/> Ruined Packer
Initial Open <u>30 30</u>	<input type="checkbox"/> Extra Packer	<input type="checkbox"/> Extra Copies
Initial Shut-In <u>60</u>	<input type="checkbox"/> Extra Recorder	Sub Total <u>0</u>
Final Flow <u>30</u>	<input type="checkbox"/> Day Standby	Total <u>1325.75</u>
Final Shut-In <u>60</u>	<input type="checkbox"/> Accessibility	MP/DST Disc't
	Sub Total <u>1325.75</u>	

Approved By [Signature] Our Representative RAY SCHWAGY *Thank you*

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