

DRILL STEM TEST REPORT

Prepared For: **Gore Oil Company**

PO Box 2757
Wichita KS 67202-4518

ATTN: Larry Jack

Stahl #1

2-9s-18w Rooks,KS

Start Date: 2012.10.09 @ 01:55:31

End Date: 2012.10.09 @ 09:23:55

Job Ticket #: 48695 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2012.10.12 @ 09:08:02



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Gore Oil Company

2-9s-18w Rooks,KS

PO Box 2757
Wichita KS 67202-4518

Stahl #1

Job Ticket: 48695

DST#: 1

ATTN: Larry Jack

Test Start: 2012.10.09 @ 01:55:31

GENERAL INFORMATION:

Formation: **LKC A-D**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 04:42:26

Time Test Ended: 09:23:55

Test Type: Conventional Bottom Hole (Initial)

Tester: Ray Schwager

Unit No: 42

Interval: 3225.00 ft (KB) To 3306.00 ft (KB) (TVD)

Total Depth: 3306.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2064.00 ft (KB)

2056.00 ft (CF)

KB to GR/CF: 8.00 ft

Serial #: 8369 Inside

Press@RunDepth: 206.10 psig @ 3239.00 ft (KB)

Start Date: 2012.10.09

End Date:

2012.10.09

Start Time: 01:55:31

End Time:

09:23:55

Capacity: 8000.00 psig

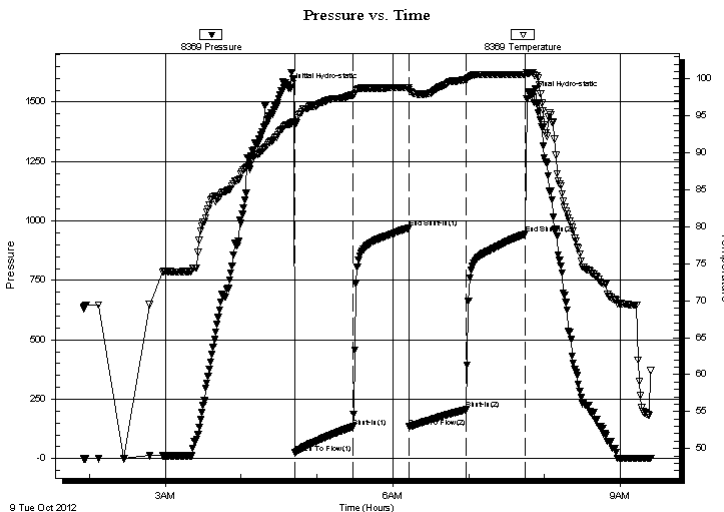
Last Calib.: 2012.10.09

Time On Btm: 2012.10.09 @ 04:37:56

Time Off Btm: 2012.10.09 @ 07:48:55

TEST COMMENT: 45-IFP-w k to strg in 10 min
45-ISIP-1" bl bk
45-FFP-w k to strg in 10 min
45-FSIP-2" bl bk

PRESSURE SUMMARY



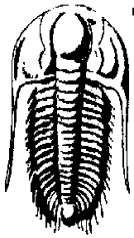
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1559.08	93.85	Initial Hydro-static
5	23.86	93.85	Open To Flow (1)
51	133.42	97.81	Shut-In(1)
95	970.16	98.86	End Shut-In(1)
95	133.62	98.58	Open To Flow (2)
140	206.10	99.88	Shut-In(2)
187	944.65	100.63	End Shut-In(2)
191	1529.00	100.84	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	765'GIP	0.00
350.00	GMO 20%G30%M50%O	4.91
186.00	GMO 40%G40%O20%M	2.61

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 67202-4518
ATTN: Larry Jack

2-9s-18w Rooks,KS

Stahl #1

Job Ticket: 48695

DST#: 1

Test Start: 2012.10.09 @ 01:55:31

GENERAL INFORMATION:

Formation: **LKC A-D**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 04:42:26

Time Test Ended: 09:23:55

Test Type: Conventional Bottom Hole (Initial)

Tester: Ray Schwager

Unit No: 42

Interval: 3225.00 ft (KB) To 3306.00 ft (KB) (TVD)

Total Depth: 3306.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2064.00 ft (KB)

2056.00 ft (CF)

KB to GR/CF: 8.00 ft

Serial #: 8700 Outside

Press@RunDepth: psig @ 3239.00 ft (KB)

Start Date: 2012.10.09

End Date:

2012.10.09

Start Time: 01:55:52

End Time:

09:22:16

Capacity: 8000.00 psig

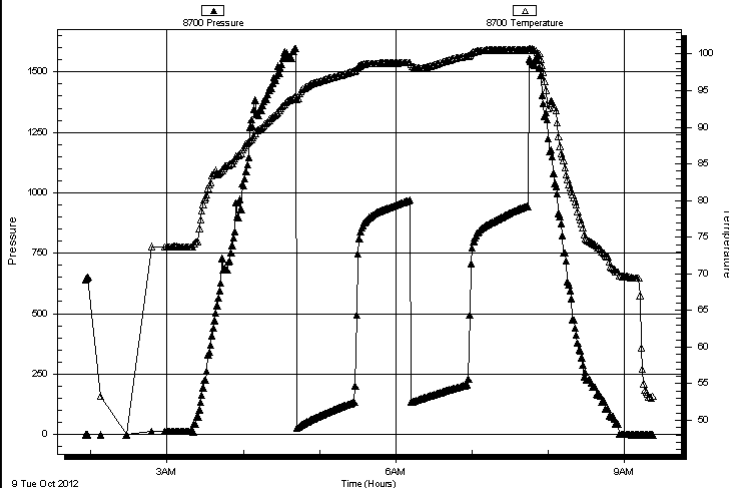
Last Calib.: 2012.10.09

Time On Btm:

Time Off Btm:

TEST COMMENT: 45-IFP-w k to strg in 10 min
45-ISIP-1" bl bk
45-FFP-w k to strg in 10 min
45-FSIP-2" bl bk

Pressure vs. Time



PRESSURE SUMMARY

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

Length (ft)	Description	Volume (bbl)
0.00	765'GIP	0.00
350.00	GMO 20%G30%M50%O	4.91
186.00	GMO 40%G40%O20%M	2.61

Gas Rates

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Gore Oil Company

2-9s-18w Rooks,KS

PO Box 2757
Wichita KS 67202-4518

Stahl #1

Job Ticket: 48695

DST#: 1

ATTN: Larry Jack

Test Start: 2012.10.09 @ 01:55:31

Tool Information

Drill Pipe:	Length:	3210.00 ft	Diameter:	3.80 inches	Volume:	45.03 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:	75000.00 lb
					Total Volume:	45.03 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:		6.00 ft					String Weight: Initial	58000.00 lb
Depth to Top Packer:		3225.00 ft					Final	60000.00 lb
Depth to Bottom Packer:		ft						
Interval between Packers:		81.00 ft						
Tool Length:		102.00 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			3205.00	
Shut In Tool	5.00			3210.00	
Hydraulic tool	5.00			3215.00	
Packer	5.00			3220.00	21.00 Bottom Of Top Packer
Packer	5.00			3225.00	
Stubb	1.00			3226.00	
Perforations	13.00			3239.00	
Recorder	0.00	8369	Inside	3239.00	
Recorder	0.00	8700	Outside	3239.00	
Blank Spacing	64.00			3303.00	
Bullnose	3.00			3306.00	81.00 Bottom Packers & Anchor

Total Tool Length: 102.00



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DRILL STEM TEST REPORT

FLUID SUMMARY

Gore Oil Company

2-9s-18w Rooks,KS

PO Box 2757
Wichita KS 67202-4518

Stahl #1

Job Ticket: 48695

DST#: 1

ATTN: Larry Jack

Test Start: 2012.10.09 @ 01:55:31

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 50.00 sec/qt

Water Loss: 7.93 in³

Resistivity: ohm.m

Salinity: 2000.00 ppm

Filter Cake: 1.00 inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API:

Water Salinity: deg API

ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	765'GIP	0.000
350.00	GMO 20%G30%M50%O	4.910
186.00	GMO 40%G40%O20%M	2.609

Total Length: 536.00 ft

Total Volume: 7.519 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 8369

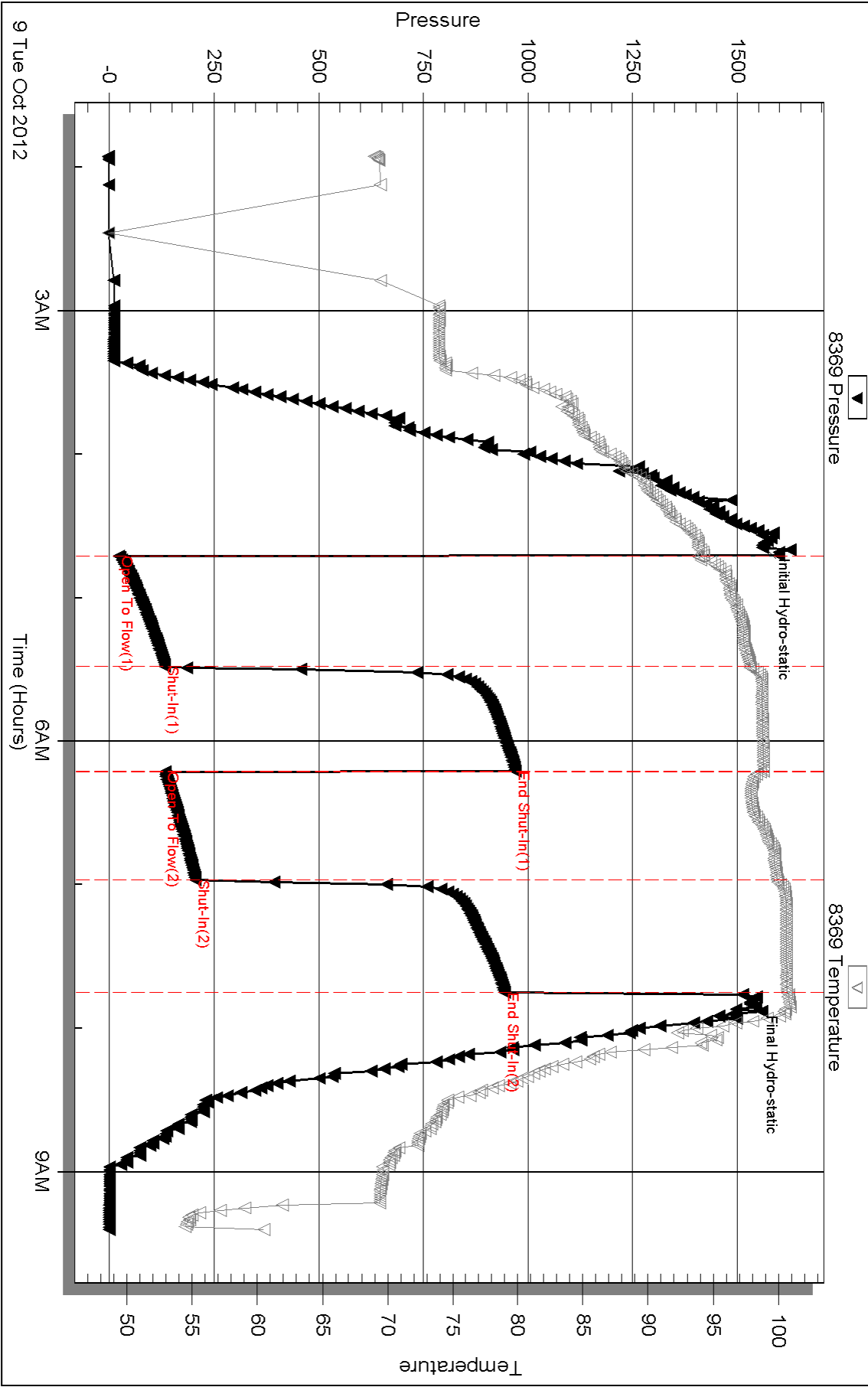
Inside

Gore Oil Company

Stahl #1

DST Test Number: 1

Pressure vs. Time



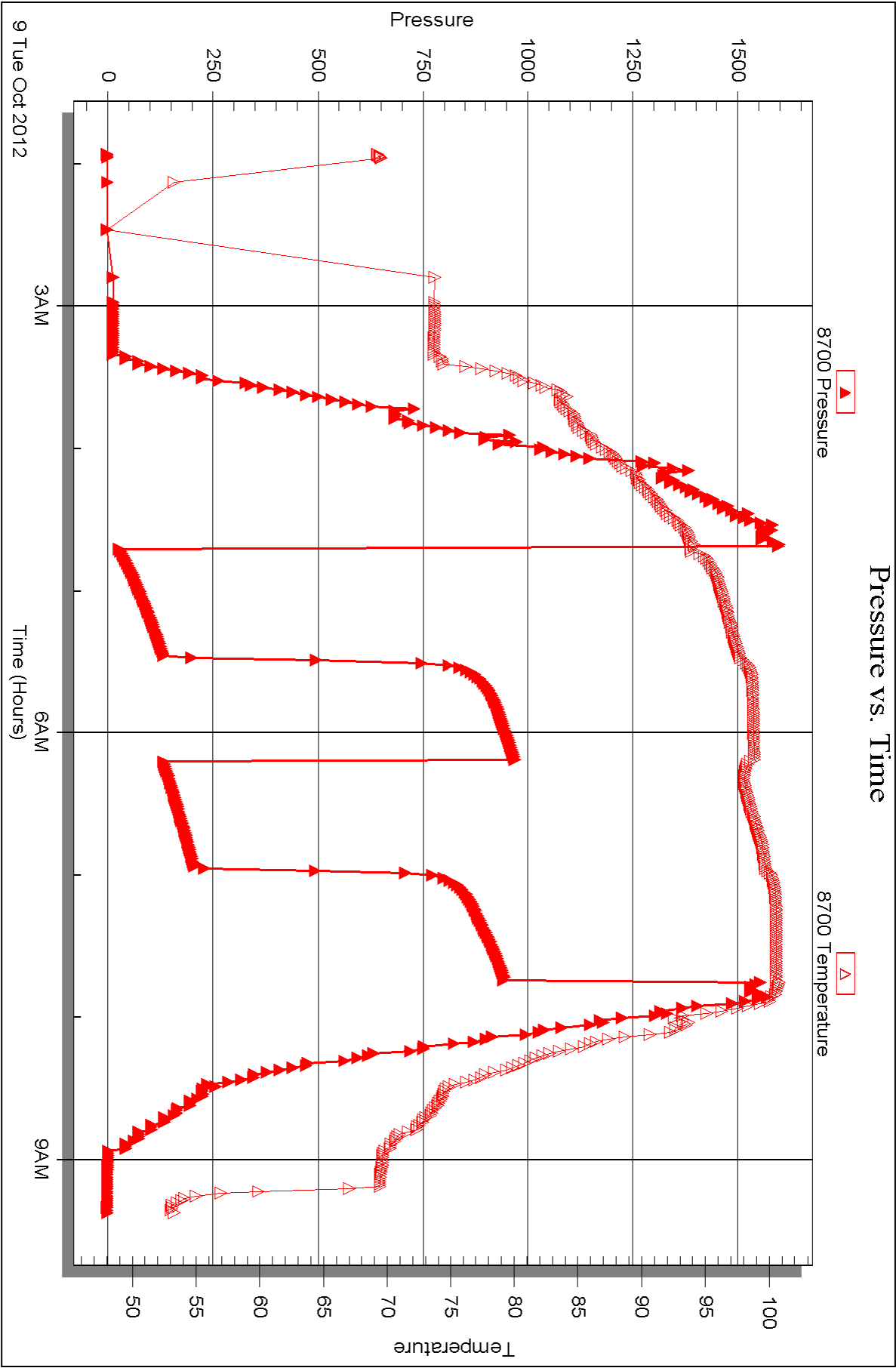
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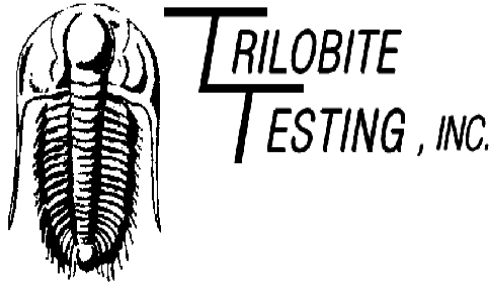
Outside

Gore Oil Company

Stahl #1

DST Test Number: 1





DRILL STEM TEST REPORT

Prepared For: **Gore Oil Company**

PO Box 2757
Wichita KS 67202-4518

ATTN: Larry Jack

Stahl #1

2-9s-18w Rooks,KS

Start Date: 2012.10.09 @ 16:00:33

End Date: 2012.10.09 @ 22:12:27

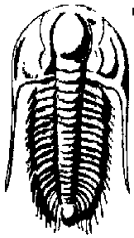
Job Ticket #: 48696 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2012.10.12 @ 09:07:14



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TESTING, INC.

DRILL STEM TEST REPORT

Gore Oil Company
PO Box 2757
Wichita KS 67202-4518
ATTN: Larry Jack

2-9s-18w Rooks,KS

Stahl #1

Job Ticket: 48696

DST#: 2

Test Start: 2012.10.09 @ 16:00:33

GENERAL INFORMATION:

Formation: **LKC E-F**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 17:22:58

Time Test Ended: 22:12:27

Test Type: Conventional Bottom Hole (Reset)

Tester: Ray Schwager

Unit No: 42

Interval: 3300.00 ft (KB) To 3327.00 ft (KB) (TVD)

Reference Elevations: 2064.00 ft (KB)

Total Depth: 3327.00 ft (KB) (TVD)

2056.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

Serial #: 8369 Inside

Press@RunDepth: 142.43 psig @ 3306.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.10.09

End Date:

2012.10.09

Last Calib.: 2012.10.09

Start Time: 16:00:33

End Time:

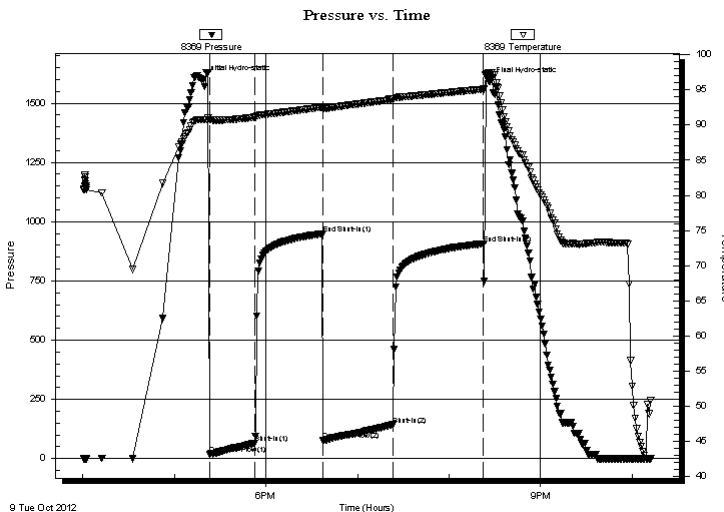
22:12:27

Time On Btm: 2012.10.09 @ 17:17:58

Time Off Btm: 2012.10.09 @ 20:26:27

TEST COMMENT: 30-IFP-w k to strg in 6 min
45-ISIP-1/4" bl bk
45-FFP-w k to strg in 10 min
60-FSIP-1/4" bl

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1600.36	90.80	Initial Hydro-static
5	19.25	90.74	Open To Flow (1)
35	65.52	91.11	Shut-In(1)
79	948.89	92.54	End Shut-In(1)
80	76.84	92.34	Open To Flow (2)
125	142.43	93.70	Shut-In(2)
185	907.34	95.09	End Shut-In(2)
189	1592.20	97.48	Final Hydro-static

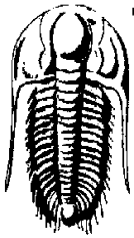
Recovery

Length (ft)	Description	Volume (bbl)
0.00	990'GIP	0.00
310.00	CO	4.35
60.00	GMO 20%G30%M50%O	0.84

Gas Rates

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



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DRILL STEM TEST REPORT

Gore Oil Company
PO Box 2757
Wichita KS 67202-4518
ATTN: Larry Jack

2-9s-18w Rooks,KS

Stahl #1

Job Ticket: 48696

DST#: 2

Test Start: 2012.10.09 @ 16:00:33

GENERAL INFORMATION:

Formation: **LKC E-F**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 17:22:58

Time Test Ended: 22:12:27

Test Type: Conventional Bottom Hole (Reset)

Tester: Ray Schwager

Unit No: 42

Interval: 3300.00 ft (KB) To 3327.00 ft (KB) (TVD)

Reference Elevations: 2064.00 ft (KB)

Total Depth: 3327.00 ft (KB) (TVD)

2056.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

Serial #: 8700 Outside

Press@RunDepth: psig @ 3306.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.10.09

End Date:

2012.10.09

Last Calib.:

2012.10.09

Start Time: 16:01:33

End Time:

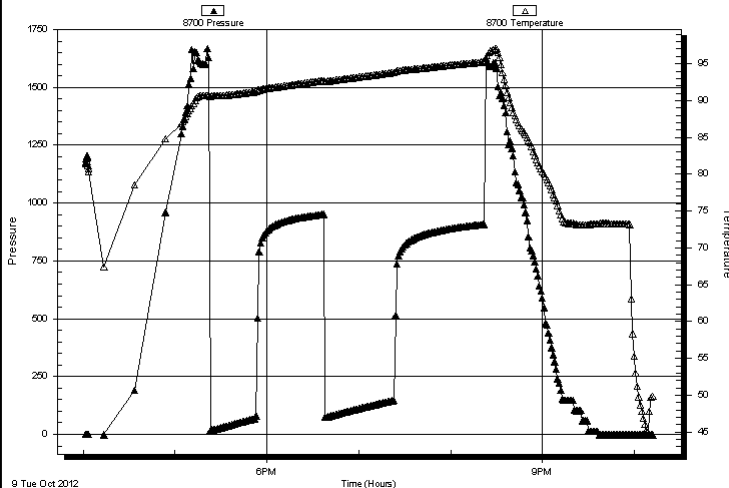
22:11:57

Time On Btm:

Time Off Btm:

TEST COMMENT: 30-IFP-w k to strg in 6 min
45-ISIP-1/4" bl bk
45-FFP-w k to strg in 10 min
60-FSIP-1/4" bl

Pressure vs. Time



PRESSURE SUMMARY

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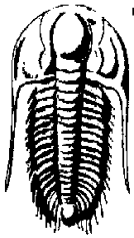
Recovery

Length (ft)	Description	Volume (bbl)
0.00	990'GIP	0.00
310.00	CO	4.35
60.00	GMO 20%G30%M50%O	0.84

Gas Rates

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Gore Oil Company

2-9s-18w Rooks,KS

PO Box 2757
Wichita KS 67202-4518

Stahl #1

Job Ticket: 48696

DST#: 2

ATTN: Larry Jack

Test Start: 2012.10.09 @ 16:00:33

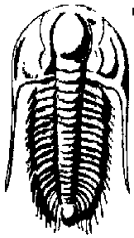
Tool Information

Drill Pipe:	Length:	3310.00 ft	Diameter:	3.80 inches	Volume:	46.43 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:	70000.00 lb
					Total Volume:	46.43 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:		31.00 ft					String Weight: Initial	58000.00 lb
Depth to Top Packer:		3300.00 ft					Final	59000.00 lb
Depth to Bottom Packer:		ft						
Interval between Packers:		27.00 ft						
Tool Length:		48.00 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			3280.00	
Shut In Tool	5.00			3285.00	
Hydraulic tool	5.00			3290.00	
Packer	5.00			3295.00	21.00 Bottom Of Top Packer
Packer	5.00			3300.00	
Stubb	1.00			3301.00	
Perforations	5.00			3306.00	
Recorder	0.00	8369	Inside	3306.00	
Recorder	0.00	8700	Outside	3306.00	
Perforations	18.00			3324.00	
Bullnose	3.00			3327.00	27.00 Bottom Packers & Anchor

Total Tool Length: 48.00



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Gore Oil Company

2-9s-18w Rooks,KS

PO Box 2757
Wichita KS 67202-4518

Stahl #1

Job Ticket: 48696

DST#: 2

ATTN: Larry Jack

Test Start: 2012.10.09 @ 16:00:33

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 53.00 sec/qt

Water Loss: 7.90 in³

Resistivity: ohm.m

Salinity: 2500.00 ppm

Filter Cake: 1.00 inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API:

37 deg API

Water Salinity: ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	990'GIP	0.000
310.00	CO	4.348
60.00	GMO 20%G30%M50%O	0.842

Total Length: 370.00 ft

Total Volume: 5.190 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 8369

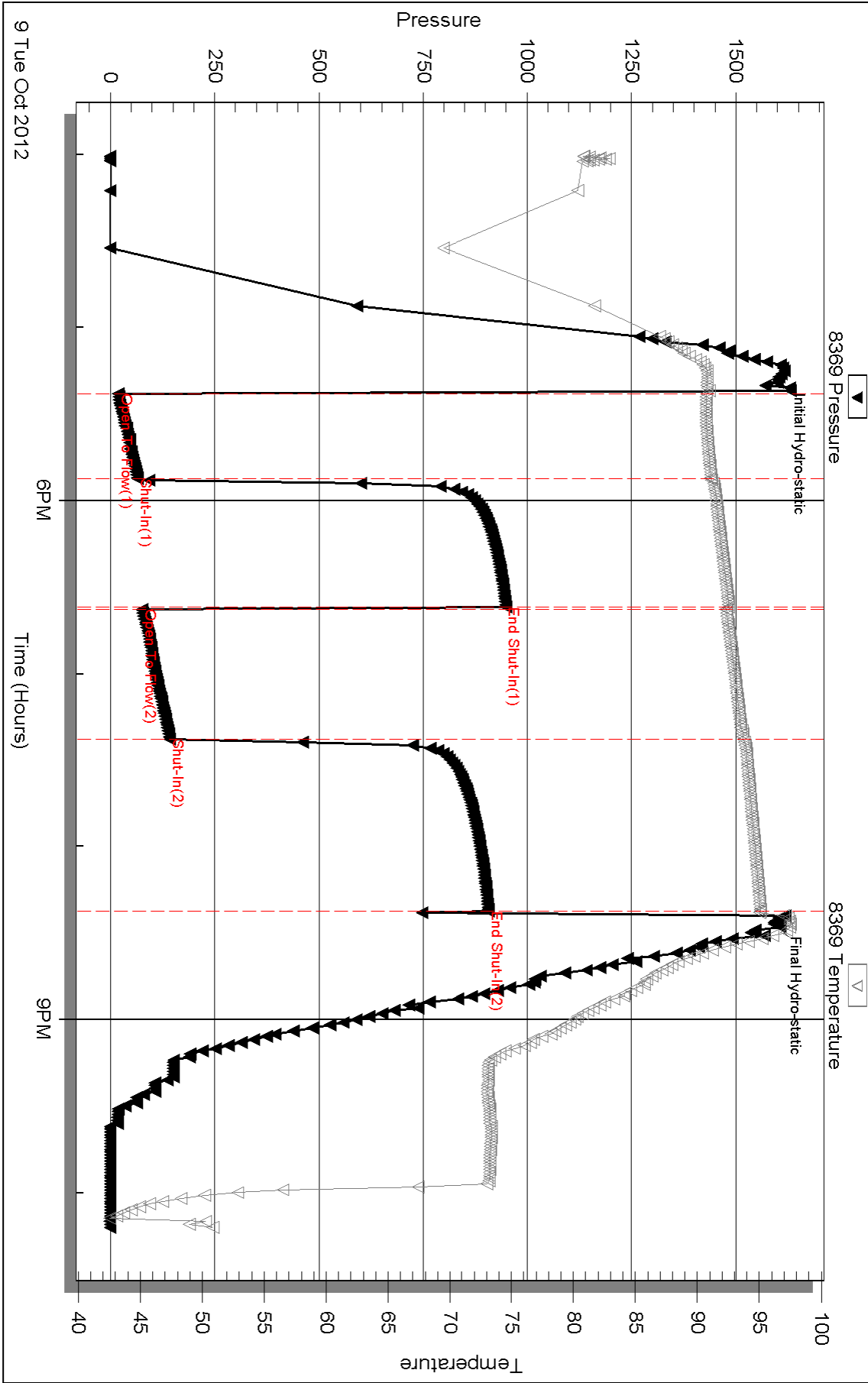
Inside

Gore Oil Company

Stahl #1

DST Test Number: 2

Pressure vs. Time



Triobite Testing, Inc

Ref. No: 48696

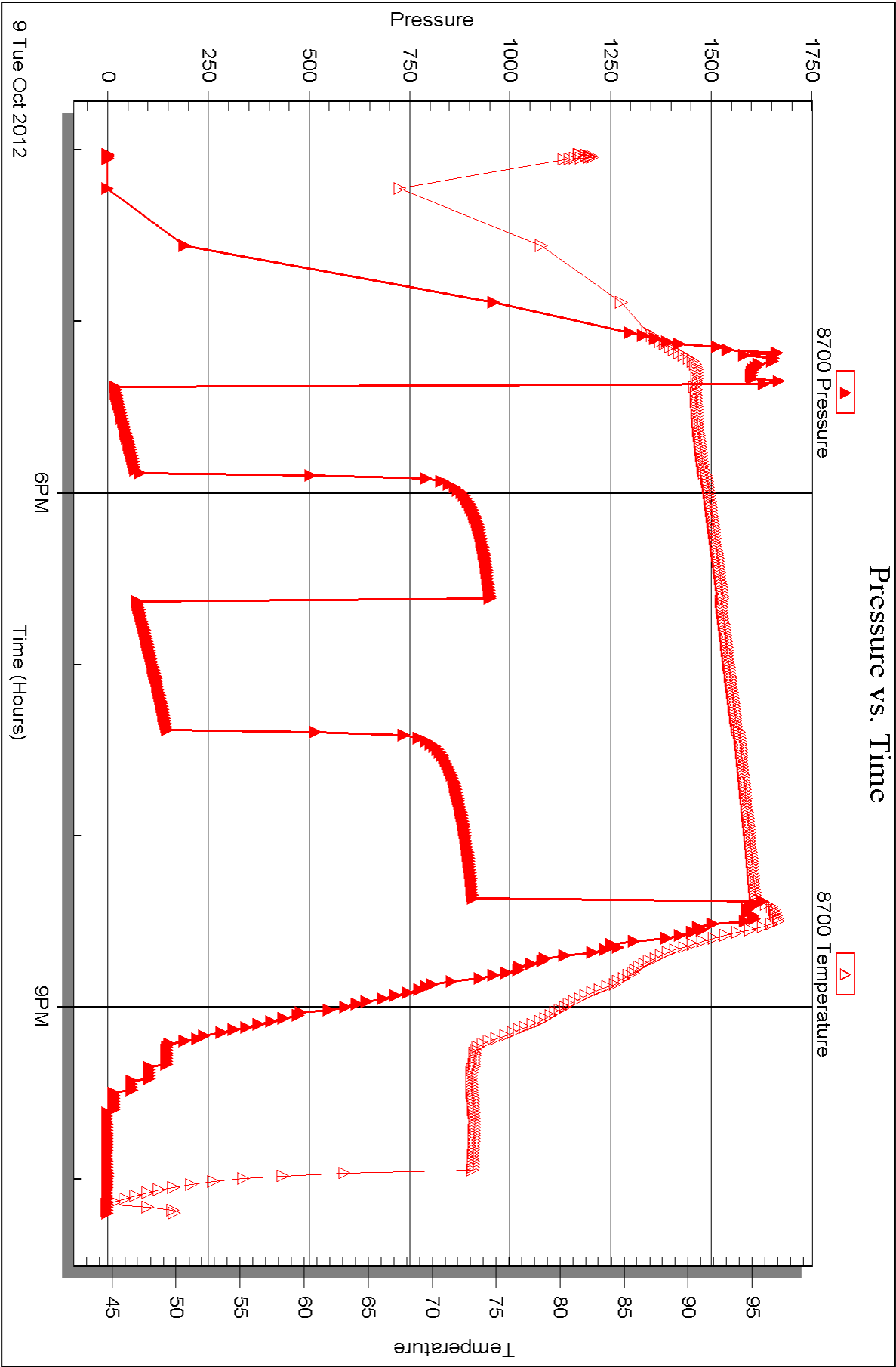
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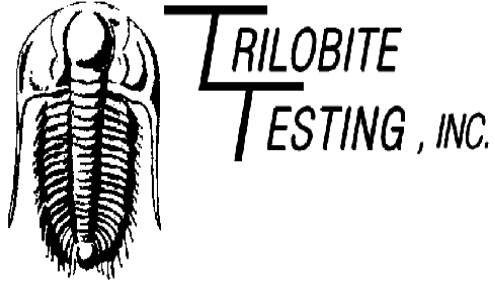
Serial #: 8700

Outside Gore Oil Company

Stahl #1

DST Test Number: 2





DRILL STEM TEST REPORT

Prepared For: **Gore Oil Company**

PO Box 2757
Wichita KS 67202-4518

ATTN: Larry Jack

Stahl #1

2-9s-18w Rooks,KS

Start Date: 2012.10.10 @ 09:10:34

End Date: 2012.10.10 @ 14:21:58

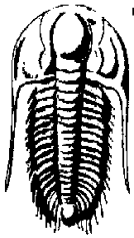
Job Ticket #: 48697 DST #: 3

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2012.10.12 @ 09:06:28



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Gore Oil Company
PO Box 2757
Wichita KS 67202-4518
ATTN: Larry Jack

2-9s-18w Rooks,KS

Stahl #1

Job Ticket: 48697

DST#: 3

Test Start: 2012.10.10 @ 09:10:34

GENERAL INFORMATION:

Formation: **LKC I-J**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 10:51:29

Time Test Ended: 14:21:58

Test Type: Conventional Bottom Hole (Reset)

Tester: Ray Schwager

Unit No: 42

Interval: 3374.00 ft (KB) To 3415.00 ft (KB) (TVD)

Reference Elevations: 2064.00 ft (KB)

Total Depth: 3415.00 ft (KB) (TVD)

2056.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

Serial #: 8369 Inside

Press@RunDepth: 33.84 psig @ 3380.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.10.10

End Date:

2012.10.10

Last Calib.: 2012.10.10

Start Time: 09:10:34

End Time:

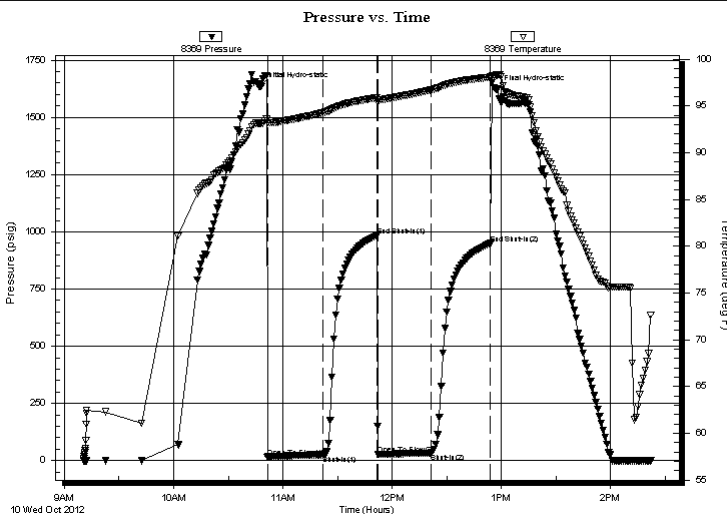
14:21:58

Time On Btm: 2012.10.10 @ 10:47:29

Time Off Btm: 2012.10.10 @ 12:57:29

TEST COMMENT: 30-IFP-w k surface bl thru-out
30-ISIP-no bl
30-FFP-w k surface bl thru-out
30-FSIP-no bl

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1634.61	93.14	Initial Hydro-static
4	15.93	93.21	Open To Flow (1)
35	25.67	94.28	Shut-In(1)
64	983.42	95.90	End Shut-In(1)
65	28.58	95.68	Open To Flow (2)
94	33.84	96.72	Shut-In(2)
127	948.98	98.09	End Shut-In(2)
130	1619.97	98.30	Final Hydro-static

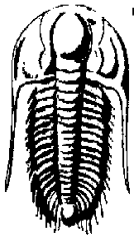
Recovery

Length (ft)	Description	Volume (bbl)
40.00	SOCM 1%O99%M	0.56

Gas Rates

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



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DRILL STEM TEST REPORT

Gore Oil Company
PO Box 2757
Wichita KS 67202-4518
ATTN: Larry Jack

2-9s-18w Rooks,KS

Stahl #1

Job Ticket: 48697

DST#: 3

Test Start: 2012.10.10 @ 09:10:34

GENERAL INFORMATION:

Formation: **LKC I-J**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 10:51:29

Time Test Ended: 14:21:58

Test Type: Conventional Bottom Hole (Reset)

Tester: Ray Schwager

Unit No: 42

Interval: 3374.00 ft (KB) To 3415.00 ft (KB) (TVD)

Reference Elevations: 2064.00 ft (KB)

Total Depth: 3415.00 ft (KB) (TVD)

2056.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

Serial #: 8700 Outside

Press@RunDepth: psig @ 3380.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.10.10

End Date:

2012.10.10

Last Calib.:

2012.10.10

Start Time: 09:16:05

End Time:

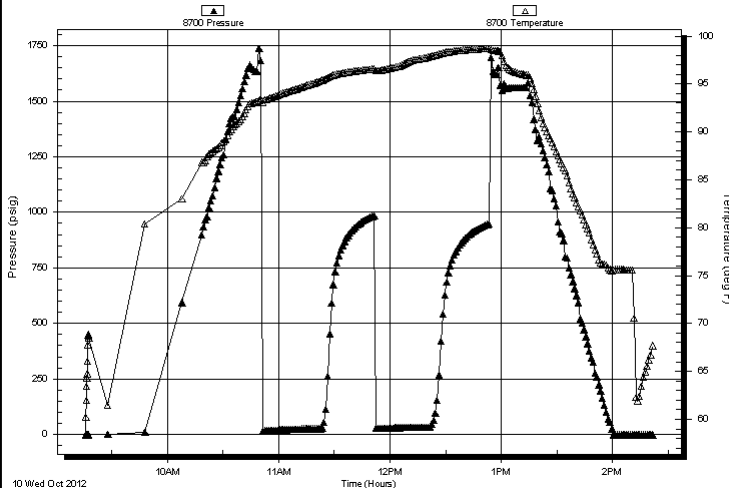
14:21:29

Time On Btm:

Time Off Btm:

TEST COMMENT: 30-IFP-w k surface bl thru-out
30-ISIP-no bl
30-FFP-w k surface bl thru-out
30-FSIP-no bl

Pressure vs. Time



PRESSURE SUMMARY

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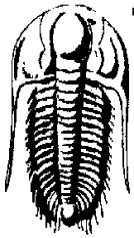
Recovery

Length (ft)	Description	Volume (bbl)
40.00	SOCM 1%O99%M	0.56

Gas Rates

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Gore Oil Company

2-9s-18w Rooks,KS

PO Box 2757
Wichita KS 67202-4518

Stahl #1

Job Ticket: 48697

DST#: 3

ATTN: Larry Jack

Test Start: 2012.10.10 @ 09:10:34

Tool Information

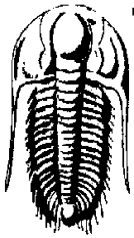
Drill Pipe:	Length:	3375.00 ft	Diameter:	3.80 inches	Volume:	47.34 bbl	Tool Weight:	2200.00 lb
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	0.00 inches	Volume:	0.00 bbl	Weight set on Packer:	25000.00 lb
Drill Collar:	Length:	0.00 ft	Diameter:	0.00 inches	Volume:	0.00 bbl	Weight to Pull Loose:	70000.00 lb
					Total Volume:	47.34 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:		22.00 ft					String Weight: Initial	59000.00 lb
Depth to Top Packer:		3374.00 ft					Final	59000.00 lb
Depth to Bottom Packer:		ft						
Interval between Packers:		41.00 ft						
Tool Length:		62.00 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			3354.00		
Shut In Tool	5.00			3359.00		
Hydraulic tool	5.00			3364.00		
Packer	5.00			3369.00	21.00	Bottom Of Top Packer
Packer	5.00			3374.00		
Stubb	1.00			3375.00		
Perforations	5.00			3380.00		
Recorder	0.00	8369	Inside	3380.00		
Recorder	0.00	8700	Outside	3380.00		
Blank Spacing	32.00			3412.00		
Bullnose	3.00			3415.00	41.00	Bottom Packers & Anchor

Total Tool Length: 62.00



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Gore Oil Company

2-9s-18w Rooks,KS

PO Box 2757
Wichita KS 67202-4518

Stahl #1

Job Ticket: 48697

DST#: 3

ATTN: Larry Jack

Test Start: 2012.10.10 @ 09:10:34

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 46.00 sec/qt

Water Loss: 8.77 in³

Resistivity: ohm.m

Salinity: 2500.00 ppm

Filter Cake: 1.00 inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

ft

bbl

psig

Oil API:

Water Salinity:

deg API

ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
40.00	SOCM 1%O99%M	0.561

Total Length: 40.00 ft

Total Volume: 0.561 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 8369

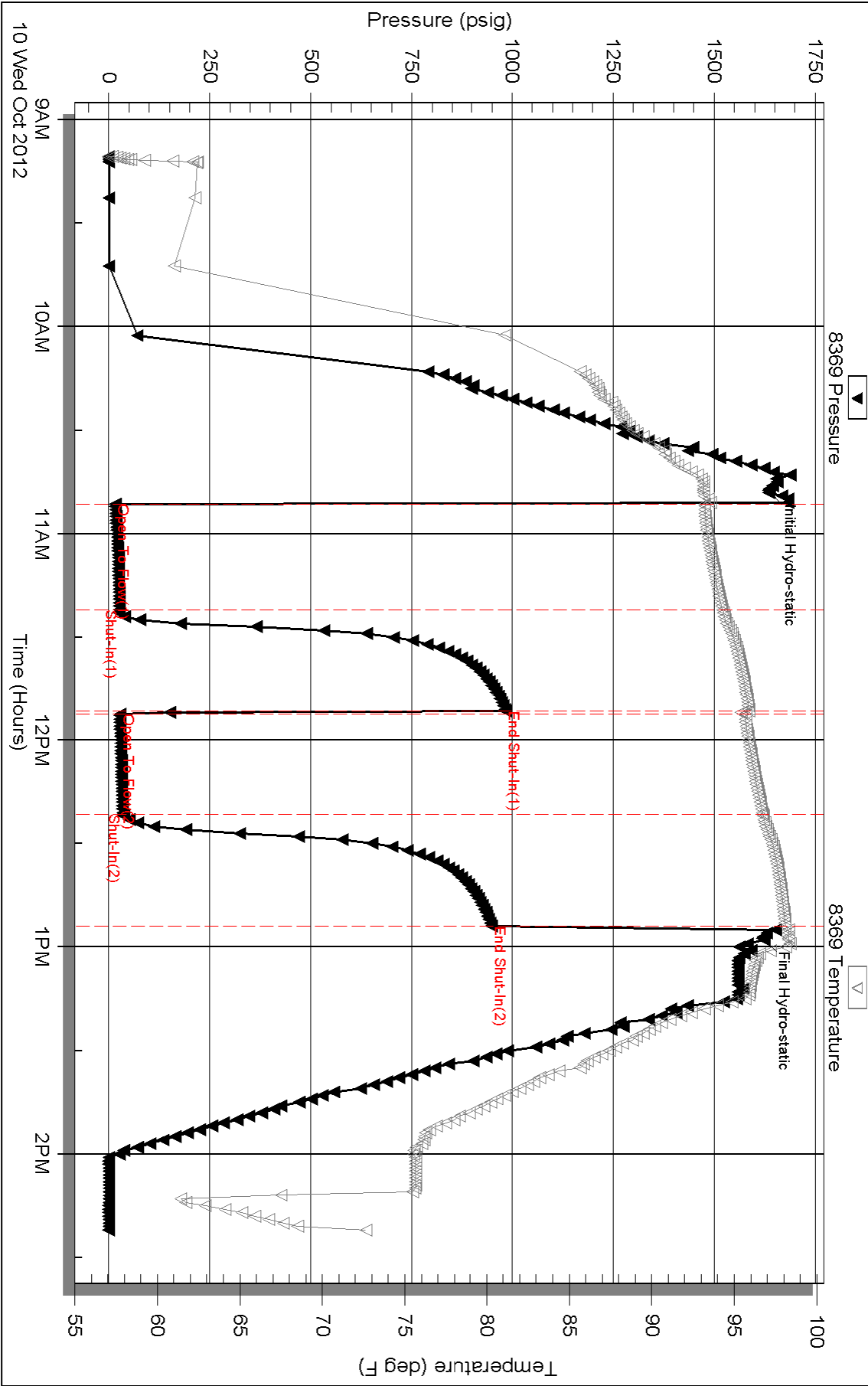
Inside

Gore Oil Company

Stahl #1

DST Test Number: 3

Pressure vs. Time



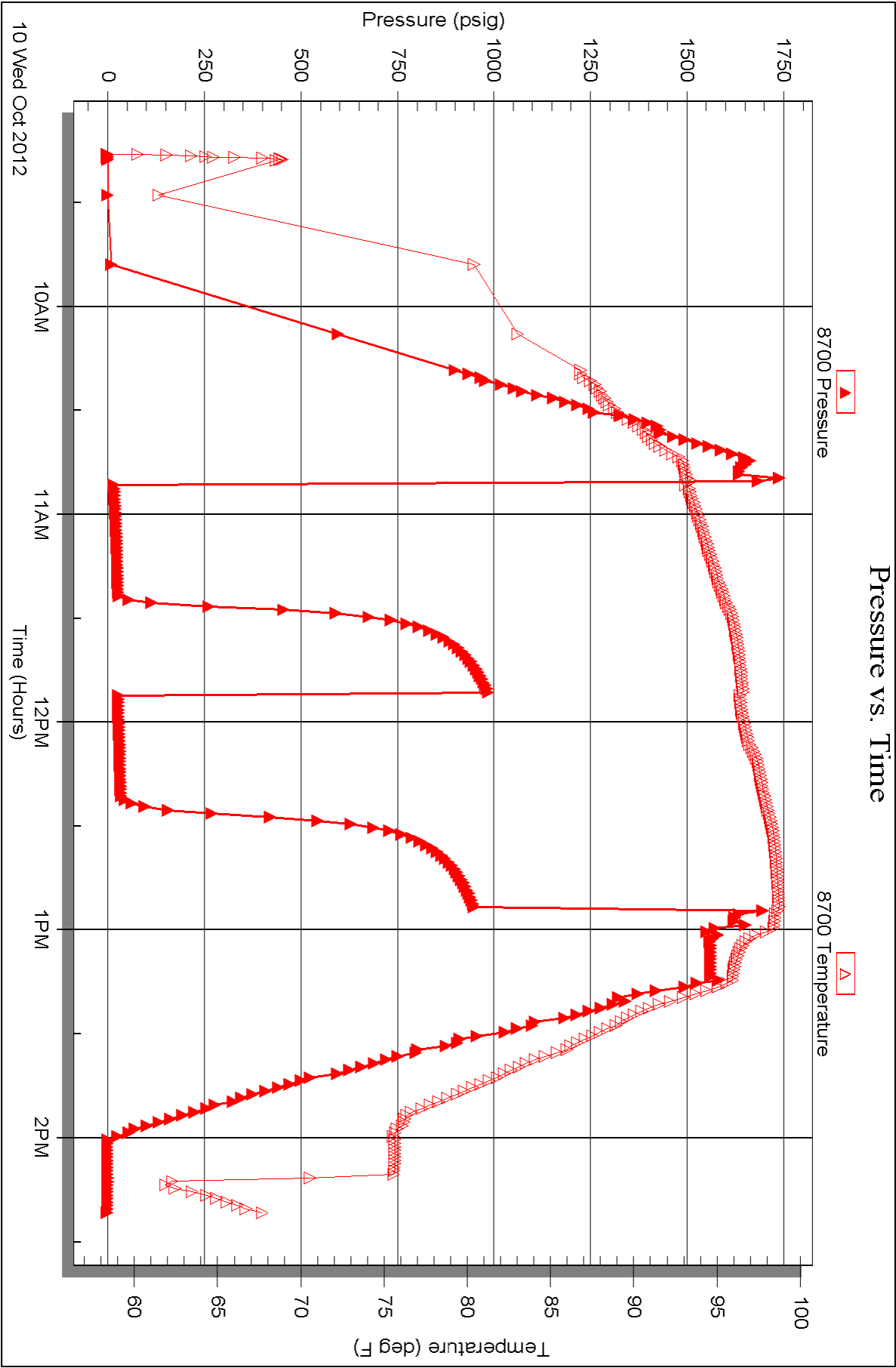
Serial #: 8700

Outside

Gore Oil Company

Stahl #1

DST Test Number: 3





TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 48695

Well Name & No. STAH #1 Test No. 1 Date 10-9-12
 Company GORE Oil Company Elevation 2064 KB 2056 GL
 Address PO Box 2757 Wichita, Ks 67202-4518
 Co. Rep / Geo. MARC Downing Rig MAVERICK rig 108
 Location: Sec. 2 Twp. 9S Rge. 18W Co. Rooks State Ks

Interval Tested 3225-3306 Zone Tested LKC A-D
 Anchor Length 81 Drill Pipe Run 3210 Mud Wt. 9.1
 Top Packer Depth 3220 Drill Collars Run — Vis 50
 Bottom Packer Depth 3225 Wt. Pipe Run — WL 8
 Total Depth 3306 Chlorides 2000 ppm System LCM 2#
 Blow Description IFP - WEAK TO STRONG IN 10 MIN
ISIP - 1" BLOW BACK
FFP - WEAK TO STRONG IN 10 MIN
FSIP - 2" BLOW BACK

Rec	Feet of	%gas	%oil	%water	%mud
<u>765</u>	<u>GTP</u>				
<u>350</u>	<u>GMO</u>	<u>20</u>	<u>50</u>		<u>30</u>
<u>186</u>	<u>GMO</u>	<u>40</u>	<u>40</u>		<u>20</u>
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 536 BHT Gravity ✓ API RW — @ — °F Chlorides — ppm

(A) Initial Hydrostatic <u>1559</u>	☒ Test <u>1150</u>	T-On Location <u>0100</u>
(B) First Initial Flow <u>23</u>	☐ Jars	T-Started <u>0155</u>
(C) First Final Flow <u>133</u>	☐ Safety Joint	T-Open <u>0445</u>
(D) Initial Shut-In <u>970</u>	☐ Circ Sub	T-Pulled <u>0745</u>
(E) Second Initial Flow <u>133</u>	☐ Hourly Standby	T-Out <u>0923</u>
(F) Second Final Flow <u>206</u>	☒ Mileage <u>62 RT</u> 96.10	Comments
(G) Final Shut-In <u>944</u>	☐ Sampler	
(H) Final Hydrostatic <u>1529</u>	☐ Straddle	☐ Ruined Shale Packer
Initial Open <u>45</u>	☐ Shale Packer	☐ Ruined Packer
Initial Shut-In <u>45</u>	☐ Extra Packer	☐ Extra Copies
Final Flow <u>45</u>	☐ Extra Recorder	Sub Total <u>0</u>
Final Shut-In <u>45</u>	☐ Day Standby	Total <u>1246.10</u>
	☐ Accessibility	MP/DST Disc't
	Sub Total <u>1246.10</u>	

Approved By

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.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 48696

Well Name & No. STAH #1 Test No. 2 Date 10-9-12
 Company Gore Oil Company Elevation 2064 KB 2056 GL
 Address PO Box 2757 Wichita, Ks 67202-4518
 Co. Rep / Geo. MARC Downing Rig MAVERICK rig 108
 Location: Sec. 2 Twp. 9^s Rge. 18^w Co. Rooks State K

Interval Tested 3300-3327 Zone Tested LKC E-F
 Anchor Length 27 Drill Pipe Run 3310 Mud Wt. 9.1
 Top Packer Depth 3295 Drill Collars Run - Vis 53
 Bottom Packer Depth 3300 Wt. Pipe Run - WL 8
 Total Depth 3327 Chlorides 2500 ppm System LCM 1 1/2 #

Blow Description IFP - WEAK TO STRONG IN 6 min
TSIP - 1/4" BLOW BACK
FFP - WEAK TO STRONG IN 10 min
FSIP - 1/4" BLOW

Rec	Feet of	%gas	%oil	%water	%mud
<u>990</u>	<u>GIP</u>				
<u>310</u>	<u>CO</u>				
<u>60</u>	<u>GMO</u>	<u>20</u>	<u>50</u>		<u>30</u>

Rec Total 370 BHT 95 Gravity 37 API RW - @ - °F Chlorides - ppm

(A) Initial Hydrostatic <u>1600</u>	☒ Test <u>1150</u>	T-On Location <u>1545</u>
(B) First Initial Flow <u>19</u>	☐ Jars	T-Started <u>1600</u>
(C) First Final Flow <u>65</u>	☐ Safety Joint	T-Open <u>1725</u>
(D) Initial Shut-In <u>948</u>	☐ Circ Sub	T-Pulled <u>2025</u>
(E) Second Initial Flow <u>76</u>	☐ Hourly Standby	T-Out <u>2212</u>
(F) Second Final Flow <u>142</u>	☒ Mileage <u>62 RT</u> 96.10	Comments
(G) Final Shut-In <u>907</u>	☐ Sampler	
(H) Final Hydrostatic <u>1592</u>	☐ Straddle	

Initial Open <u>30</u>	☐ Shale Packer	☐ Ruined Shale Packer
Initial Shut-In <u>45</u>	☐ Extra Packer	☐ Ruined Packer
Final Flow <u>45</u>	☐ Extra Recorder	Sub Total <u>0</u>
Final Shut-In <u>60</u>	☐ Day Standby	Total <u>1246.10</u>
	☐ Accessibility	MP/DST Disc't
	Sub Total <u>1246.10</u>	

Approved By _____ Our Representative RAY Schwager *Thank you*

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TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 48697

Well Name & No. STAL #1 Test No. 3 Date 10-10-12
 Company GORE OIL COMPANY Elevation 2064 KB 2056 GL
 Address P.O. Box 2757 WICHITA, KS 67202-4518
 Co. Rep / Geo. MARC DOWNING Rig MAVERICK rig 108
 Location: Sec. 2 Twp. 9S Rge. 18W Co. ROCK State KS

Interval Tested 3374-3415 Zone Tested LKC I-J
 Anchor Length 41 Drill Pipe Run 3375 Mud Wt. 9.2
 Top Packer Depth 3369 Drill Collars Run - Vis 46
 Bottom Packer Depth 3374 Wt. Pipe Run - WL 8.8
 Total Depth 3415 Chlorides 2500 ppm System LCM 1 1/2 #

Blow Description IFP - WEAK SURFACE BLOW THRU-OUT
ISTP - NO BLOW
FFP - WEAK SURFACE BLOW THRU-OUT
FSTP - NO BLOW

Rec	Feet of	%gas	%oil	%water	%mud
<u>40</u>	<u>50 CM</u>	<u>1</u>		<u>99</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 40 BHT 98 Gravity - API RW - @ - °F Chlorides - ppm

(A) Initial Hydrostatic <u>1634</u>	☒ Test <u>1150</u>	T-On Location <u>0900</u>
(B) First Initial Flow <u>15</u>	☐ Jars	T-Started <u>0910</u>
(C) First Final Flow <u>25</u>	☐ Safety Joint	T-Open <u>1055</u>
(D) Initial Shut-In <u>983</u>	☐ Circ Sub	T-Pulled <u>1255</u>
(E) Second Initial Flow <u>28</u>	☐ Hourly Standby	T-Out <u>1421</u>
(F) Second Final Flow <u>33</u>	☒ Mileage <u>62 RT</u> 96.10	Comments
(G) Final Shut-In <u>948</u>	☐ Sampler	
(H) Final Hydrostatic <u>1619</u>	☐ Straddle	☐ Ruined Shale Packer

Initial Open <u>30</u>	☐ Shale Packer	☐ Ruined Packer
Initial Shut-In <u>30</u>	☐ Extra Packer	☐ Extra Copies
Final Flow <u>30</u>	☐ Extra Recorder	Sub Total <u>0</u>
Final Shut-In <u>30</u>	☐ Day Standby	Total <u>1246.10</u>
	☐ Accessibility	MP/DST Disc't
	Sub Total <u>1246.10</u>	

Approved By _____

Our Representative RAY SCHWENGER has got

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