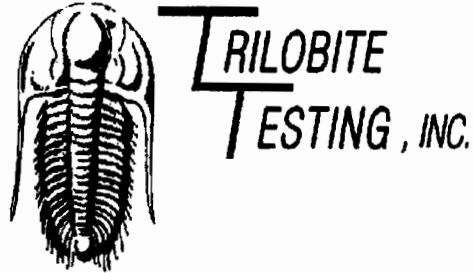


15-195-22466

11-11s-24w



DRILL STEM TEST REPORT

Prepared For: **Ohio Kentucky**

110 E Lowry Ln
Lexington KY 40503

ATTN: Jim Hall

11 11 24W Trego KS

Galen Geyer #7

Start Date: 2007.09.01 @ 19:12:56

End Date: 2007.09.02 @ 00:26:26

Job Ticket #: 30540 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Ohio Kentucky
110 E Lowry Ln
Lexington KY 40503

ATTN: Jim Hall

Galen Geyer #7
11 11 24W Trego KS
Job Ticket: 30540 **DST#: 1**
Test Start: 2007.09.01 @ 19:12:56

GENERAL INFORMATION:

Formation: "E"
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 21:02:26
Time Test Ended: 00:26:26

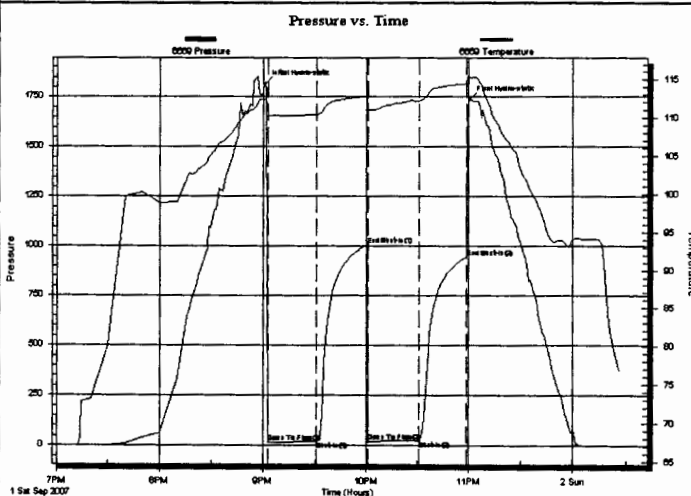
Interval: 3717.00 ft (KB) To 3739.00 ft (KB) (TVD)
Total Depth: 3739.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good

Test Type: Conventional Bottom Hole
Tester: Kyle Kinderknecht
Unit No: 31

Reference Elevations: 2284.00 ft (KB)
2279.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 6669 Inside
Press@RunDepth: 25.17 psig @ 3718.00 ft (KB) Capacity: 7000.00 psig
Start Date: 2007.09.01 End Date: 2007.09.02 Last Calib.: 2007.09.02
Start Time: 19:13:01 End Time: 00:26:25 Time On Btm: 2007.09.01 @ 21:00:56
Time Off Btm: 2007.09.01 @ 23:00:26

TEST COMMENT: IF Weak surface died 25 min.
ISI Dead
FF Dead
FSI Dead



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1815.73	112.36	Initial Hydro-static
2	14.67	110.26	Open To Flow (1)
30	19.32	110.46	Shut-In (1)
60	1005.17	112.86	End Shut-In (1)
61	20.33	111.04	Open To Flow (2)
90	25.17	112.22	Shut-In (2)
118	945.99	114.51	End Shut-In (2)
120	1739.04	115.32	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	Mud	0.05

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Ohio Kentucky

Galen Geyer #7

110 E Lowry Ln
Lexington KY 40503

11 11 24W Trego KS

Job Ticket: 30540

DST#: 1

ATTN: Jim Hall

Test Start: 2007.09.01 @ 19:12:56

Tool Information

Drill Pipe:	Length: 3577.00 ft	Diameter: 3.80 inches	Volume: 50.18 bbl	Tool Weight: 3000.00 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: 120.00 ft	Diameter: 2.25 inches	Volume: 0.59 bbl	Weight to Pull Loose: 58000.00 lb
			<u>Total Volume: 50.77 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	8.00 ft			String Weight: Initial 41000.00 lb
Depth to Top Packer:	3717.00 ft			Final 41000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	22.00 ft			
Tool Length:	50.00 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			3690.00	
Shut In Tool	5.00			3695.00	
Hydraulic tool	5.00			3700.00	
Jars	5.00			3705.00	
Safety Joint	3.00			3708.00	
Packer	4.00			3712.00	28.00 Bottom Of Top Packer
Packer	5.00			3717.00	
Stubb	1.00			3718.00	
Recorder	0.00	6669	Inside	3718.00	
Perforations	18.00			3736.00	
Recorder	0.00	11084	Outside	3736.00	
Bullnose	3.00			3739.00	22.00 Bottom Packers & Anchor

Total Tool Length: 50.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Ohio Kentucky

Galen Geyer #7

110 E Lowry Ln
Lexington KY 40503

11 11 24W Trego KS

Job Ticket: 30540

DST#: 1

ATTN: Jim Hall

Test Start: 2007.09.01 @ 19:12:56

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:

bbf

Water Loss: 8.78 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbf
10.00	Mud	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:

Serial #: 6669

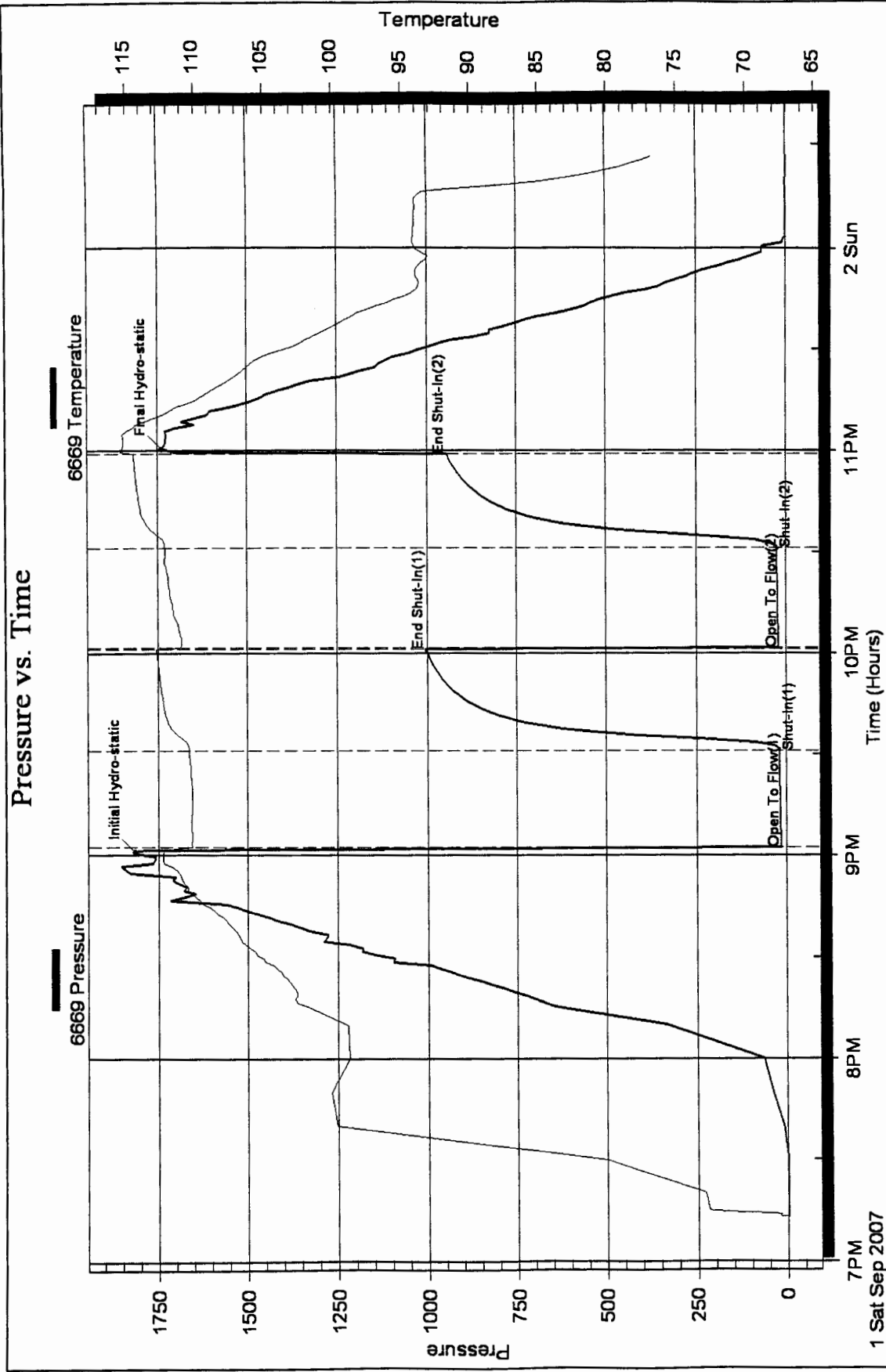
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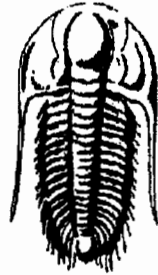
Ohio Kentucky

11 11 24W Trego KS

DST Test Number: 1

Pressure vs. Time





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Ohio Kentucky**

110 E Lowry Ln
Lexington KY 40503

ATTN: Jim Hall

11 11 24W Trego KS

Galen Geyer #7

Start Date: 2007.09.02 @ 13:00:15

End Date: 2007.09.02 @ 18:20:45

Job Ticket #: 30541 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Ohio Kentucky

Galen Geyer #7

11 11 24W Trego KS

DST # 2

"1"

2007.09.02



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Ohio Kentucky
110 E Lowry Ln
Lexington KY 40503
ATTN: Jim Hall

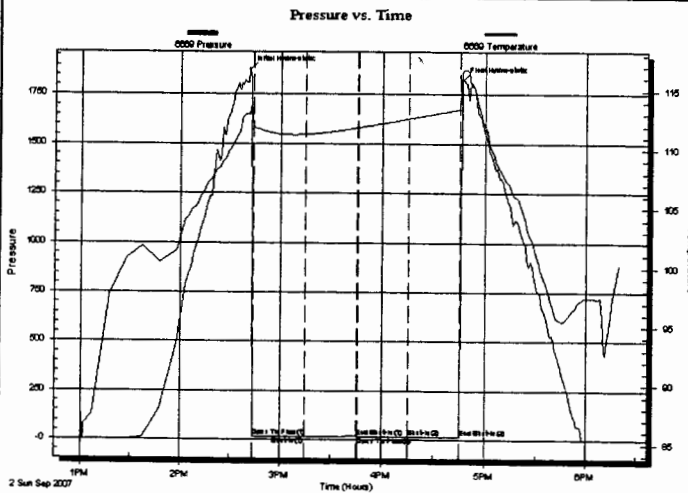
Galen Geyer #7
11 11 24W Trego KS
Job Ticket: 30541 DST#: 2
Test Start: 2007.09.02 @ 13:00:15

GENERAL INFORMATION:

Formation: "1"
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 14:43:45
Time Test Ended: 18:20:45
Interval: **3807.00 ft (KB) To 3830.00 ft (KB) (TVD)**
Total Depth: 3830.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good
Test Type: Conventional Bottom Hole
Tester: Kyle Kinderknecht
Unit No: 31
Reference Elevations: 2284.00 ft (KB)
2279.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 6669 Inside
Press@RunDepth: 15.21 psig @ 3808.00 ft (KB) Capacity: 7000.00 psig
Start Date: 2007.09.02 End Date: 2007.09.02 Last Calib.: 2007.09.02
Start Time: 13:00:20 End Time: 18:20:44 Time On Btm: 2007.09.02 @ 14:41:45
Time Off Btm: 2007.09.02 @ 16:46:45

TEST COMMENT: IF Weak Surface Died 2 min.
ISI Dead
FF Dead
FSI Dead



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1874.84	113.06	Initial Hydro-static
2	14.71	111.86	Open To Flow (1)
33	14.88	111.29	Shut-In(1)
64	18.24	111.87	End Shut-In(1)
65	14.97	111.87	Open To Flow (2)
94	15.21	112.63	Shut-In(2)
124	17.18	113.45	End Shut-In(2)
125	1820.74	116.65	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
1.00	Mud	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Ohio Kentucky
110 E Lowry Ln
Lexington KY 40503

ATTN: Jim Hall

Galen Geyer #7
11 11 24W Trego KS
Job Ticket: 30541 **DST#: 2**
Test Start: 2007.09.02 @ 13:00:15

Tool Information

Drill Pipe:	Length: 3671.00 ft	Diameter: 3.80 inches	Volume: 51.49 bbl	Tool Weight: 3000.00 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: 120.00 ft	Diameter: 2.25 inches	Volume: 0.59 bbl	Weight to Pull Loose: 48000.00 lb
			<u>Total Volume: 52.08 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	12.00 ft			String Weight: Initial 42000.00 lb
Depth to Top Packer:	3807.00 ft			Final 42000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	23.00 ft			
Tool Length:	51.00 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			3780.00	
Shut In Tool	5.00			3785.00	
Hydraulic tool	5.00			3790.00	
Jars	5.00			3795.00	
Safety Joint	3.00			3798.00	
Packer	4.00			3802.00	28.00 Bottom Of Top Packer
Packer	5.00			3807.00	
Stubb	1.00			3808.00	
Recorder	0.00	6669	Inside	3808.00	
Perforations	19.00			3827.00	
Recorder	0.00	11084	Outside	3827.00	
Bullnose	3.00			3830.00	23.00 Bottom Packers & Anchor

Total Tool Length: 51.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Ohio Kentucky
110 E Lowry Ln
Lexington KY 40503

ATTN: Jim Hall

Galen Geyer #7
11 11 24W Trego KS
Job Ticket: 30541 **DST#: 2**
Test Start: 2007.09.02 @ 13:00:15

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: bbl		
Water Loss: 8.98 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
1.00	Mud	0.005

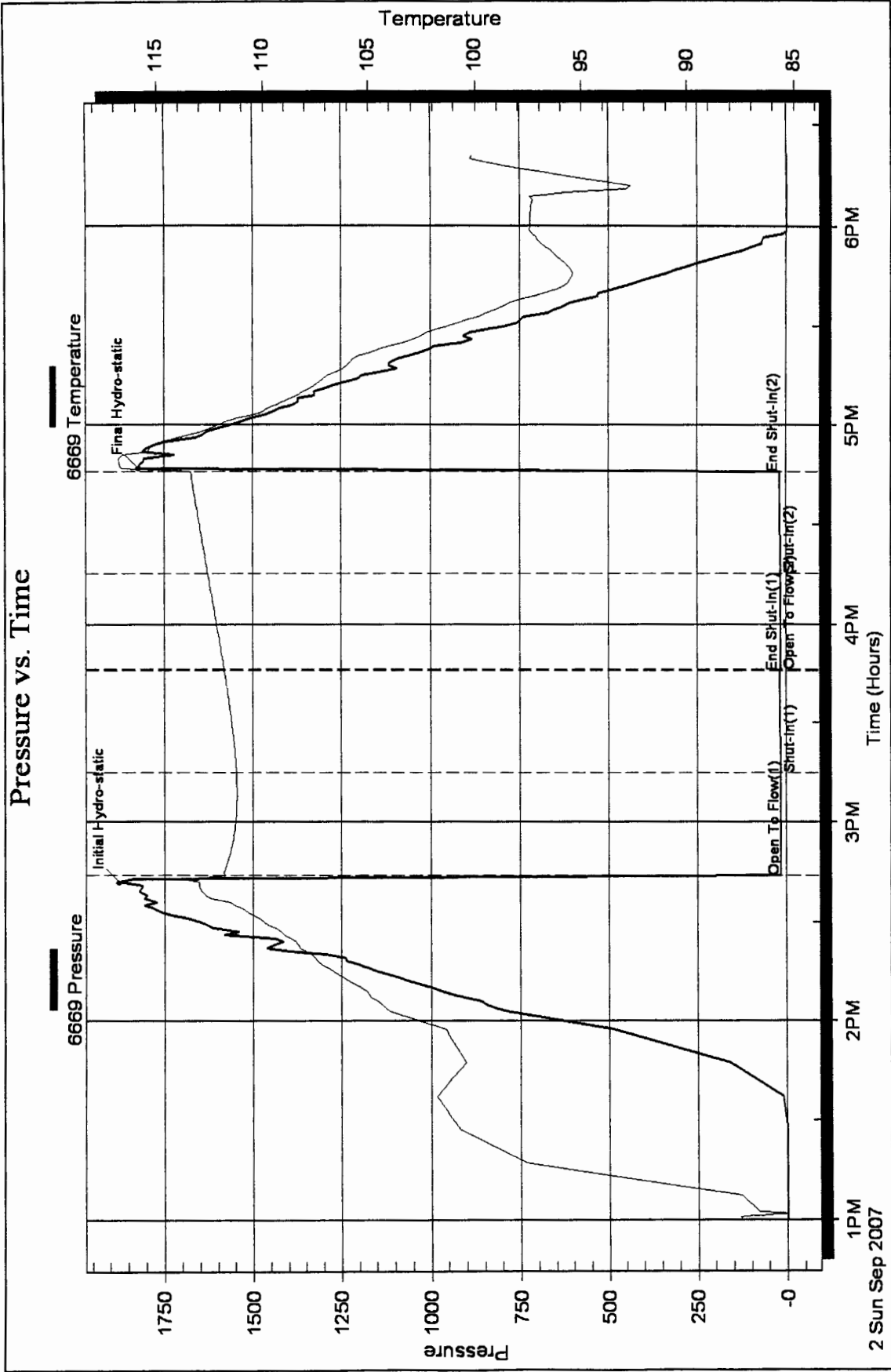
Total Length: 1.00 ft Total Volume: 0.005 bbl

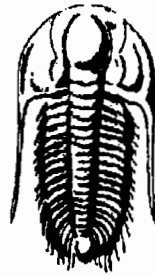
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments:

Pressure vs. Time





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Ohio Kentucky**

110 E Lowry Ln
Lexington KY 40503

ATTN: Jim Hall

11 11 24W Trego KS

Galen Geyer #7

Start Date: 2007.09.03 @ 01:07:19

End Date: 2007.09.03 @ 07:50:19

Job Ticket #: 30542 DST #: 3

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

Ohio Kentucky

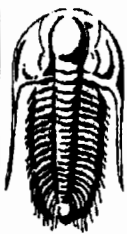
Galen Geyer #7

11 11 24W Trego KS

DST # 3

"J"

2007.09.03



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Ohio Kentucky
110 E Lowry Ln
Lexington KY 40503
ATTN: Jim Hall

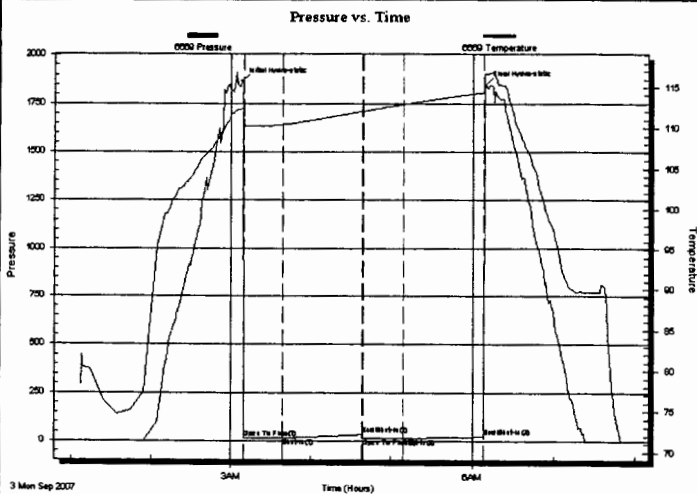
Galen Geyer #7
11 11 24W Trego KS
Job Ticket: 30542 DST#: 3
Test Start: 2007.09.03 @ 01:07:19

GENERAL INFORMATION:

Formation: "J"
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 03:09:19
Time Test Ended: 07:50:19
Interval: 3828.00 ft (KB) To 3853.00 ft (KB) (TVD)
Total Depth: 3853.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good
Test Type: Conventional Bottom Hole
Tester: Kyle Kinderknecht
Unit No: 31
Reference Elevations: 2284.00 ft (KB)
2279.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 6669 Inside
Press@RunDepth: 15.80 psig @ 3829.00 ft (KB) Capacity: 7000.00 psig
Start Date: 2007.09.03 End Date: 2007.09.03 Last Calib.: 2007.09.03
Start Time: 01:07:24 End Time: 07:50:18 Time On Btm: 2007.09.03 @ 03:07:49
Time Off Btm: 2007.09.03 @ 06:09:19

TEST COMMENT: IF Weak Surface
ISI Weak Surface died 10 min
FF Dead
FSI Dead



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1864.38	112.42	Initial Hydro-static
2	14.94	110.18	Open To Flow (1)
31	15.64	110.43	Shut-In (1)
91	33.89	112.08	End Shut-In (1)
91	15.41	112.06	Open To Flow (2)
121	15.80	112.90	Shut-In (2)
181	24.02	114.37	End Shut-In (2)
182	1848.00	116.68	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
2.00	Oil spec Mud	0.01
250.00	GIP	2.43

Gas Rates

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



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

Ohio Kentucky
110 E Lowry Ln
Lexington KY 40503

ATTN: Jim Hall

Galen Geyer #7
11 11 24W Trego KS
Job Ticket: 30542 **DST#: 3**
Test Start: 2007.09.03 @ 01:07:19

Tool Information

Drill Pipe:	Length: 3702.00 ft	Diameter: 3.80 inches	Volume: 51.93 bbl	Tool Weight: 3000.00 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: 120.00 ft	Diameter: 2.25 inches	Volume: 0.59 bbl	Weight to Pull Loose: 50000.00 lb
			<u>Total Volume: 52.52 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	22.00 ft			String Weight: Initial 42000.00 lb
Depth to Top Packer:	3828.00 ft			Final 42000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	25.00 ft			
Tool Length:	53.00 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			3801.00	
Shut In Tool	5.00			3806.00	
Hydraulic tool	5.00			3811.00	
Jars	5.00			3816.00	
Safety Joint	3.00			3819.00	
Packer	4.00			3823.00	28.00 Bottom Of Top Packer
Packer	5.00			3828.00	
Stubb	1.00			3829.00	
Recorder	0.00	6669	Inside	3829.00	
Perforations	21.00			3850.00	
Recorder	0.00	11084	Outside	3850.00	
Bullnose	3.00			3853.00	25.00 Bottom Packers & Anchor

Total Tool Length: 53.00



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Ohio Kentucky

Galen Geyer #7

110 E Lowry Ln
Lexington KY 40503

11 11 24W Trego KS

Job Ticket: 30542

DST#: 3

ATTN: Jim Hall

Test Start: 2007.09.03 @ 01:07:19

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: 8.98 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
2.00	Oil spec Mud	0.010
250.00	GIP	2.432

Total Length: 252.00 ft

Total Volume: 2.442 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 6669

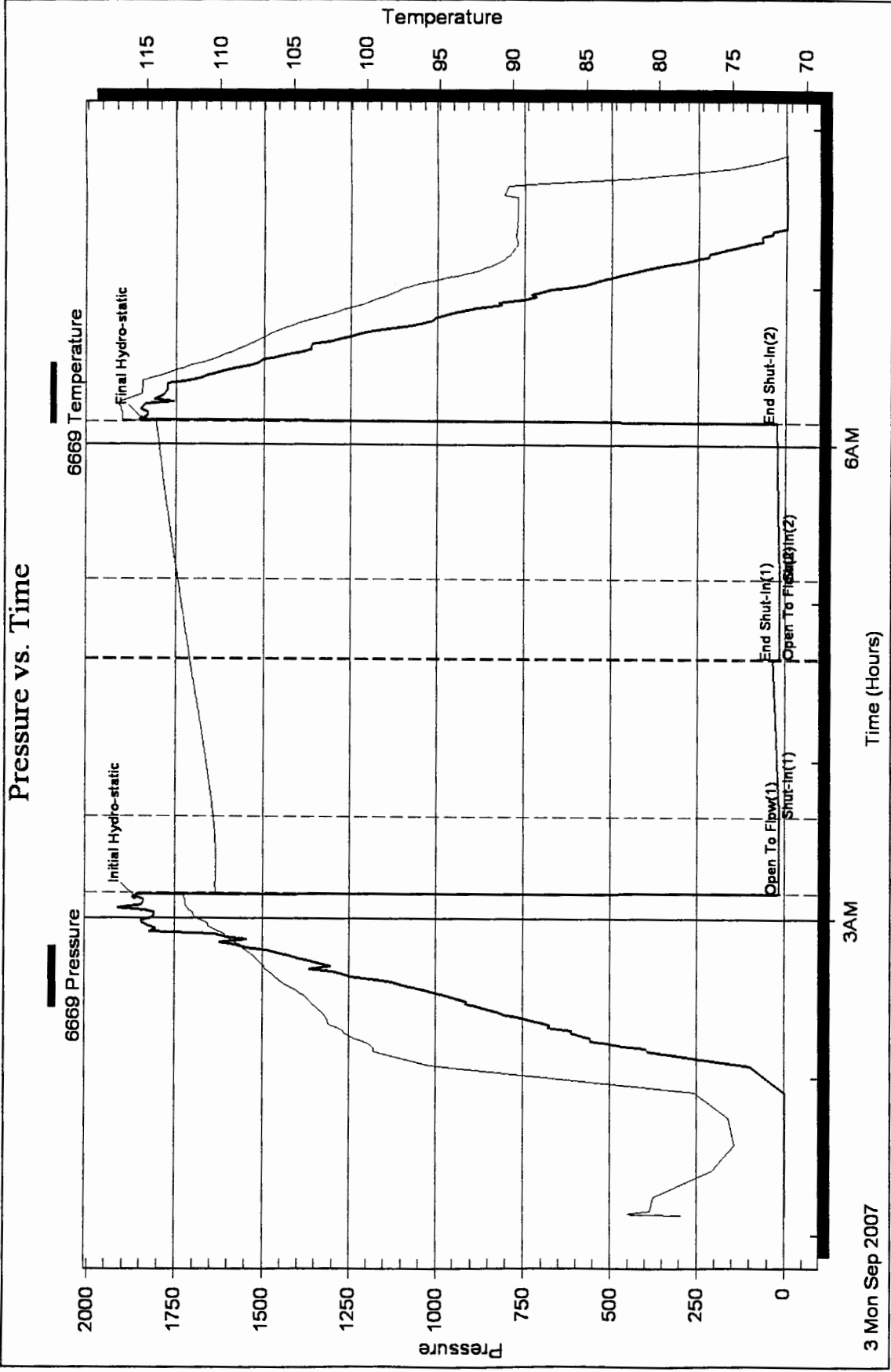
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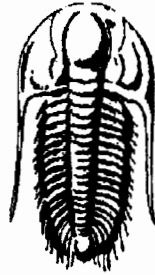
Ohio Kentucky

11 11 24W Trego KS

DST Test Number: 3

Pressure vs. Time





TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Ohio Kentucky**

110 E Lowry Ln
Lexington KY 40503

ATTN: Jim Hall

11 11 24W Trego KS

Galen Geyer #7

Start Date: 2007.09.03 @ 14:49:48

End Date: 2007.09.03 @ 19:57:42

Job Ticket #: 30543 DST #: 4

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Ohio Kentucky
110 E Lowry Ln
Lexington KY 40503
ATTN: Jim Hall

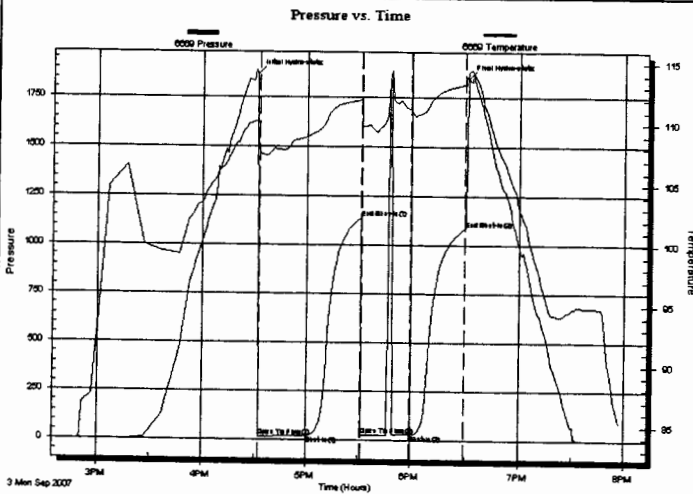
Galen Geyer #7
11 11 24W Trego KS
Job Ticket: 30543 **DST#: 4**
Test Start: 2007.09.03 @ 14:49:48

GENERAL INFORMATION:

Formation: "K"
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 16:32:13
Time Test Ended: 19:57:42
Interval: 3847.00 ft (KB) To 3871.00 ft (KB) (TVD)
Total Depth: 3871.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good
Test Type: Conventional Bottom Hole
Tester: Kyle Kinderknecht
Unit No: 31
Reference Elevations: 2284.00 ft (KB)
2279.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 6669 Inside
Press@RunDepth: 30.17 psig @ 3848.00 ft (KB) Capacity: 7000.00 psig
Start Date: 2007.09.03 End Date: 2007.09.03 Last Calib.: 2007.09.03
Start Time: 14:49:48 End Time: 19:57:42 Time On Btrn: 2007.09.03 @ 16:31:13
Time Off Btrn: 2007.09.03 @ 18:31:13

TEST COMMENT: IF Weak Surface
ISI Dead
FF Dead Flushed Tool Weak Surface w/Loss of Fluid
FSI Dead



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1868.74	110.24	Initial Hydro-static
1	15.19	107.83	Open To Flow (1)
29	22.33	108.98	Shut-In (1)
60	1136.11	111.98	End Shut-In (1)
61	24.54	109.95	Open To Flow (2)
88	30.17	111.21	Shut-In (2)
119	1085.90	113.29	End Shut-In (2)
120	1850.19	114.34	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	SOCM	0.05

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Ohio Kentucky
110 E Lowry Ln
Lexington KY 40503
ATTN: Jim Hall

Galen Geyer #7
11 11 24W Trego KS
Job Ticket: 30543 **DST#: 4**
Test Start: 2007.09.03 @ 14:49:48

Tool Information

Drill Pipe:	Length: 3702.00 ft	Diameter: 3.80 inches	Volume: 51.93 bbl	Tool Weight: 3000.00 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: 120.00 ft	Diameter: 2.25 inches	Volume: 0.59 bbl	Weight to Pull Loose: 58000.00 lb
			<u>Total Volume: 52.52 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	3.00 ft			String Weight: Initial 42000.00 lb
Depth to Top Packer:	3847.00 ft			Final 42000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	24.00 ft			
Tool Length:	52.00 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			3820.00	
Shut In Tool	5.00			3825.00	
Hydraulic tool	5.00			3830.00	
Jars	5.00			3835.00	
Safety Joint	3.00			3838.00	
Packer	4.00			3842.00	28.00 Bottom Of Top Packer
Packer	5.00			3847.00	
Stubb	1.00			3848.00	
Recorder	0.00	6669	Inside	3848.00	
Perforations	20.00			3868.00	
Recorder	0.00	11084	Outside	3868.00	
Bullnose	3.00			3871.00	24.00 Bottom Packers & Anchor

Total Tool Length: 52.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Ohio Kentucky
110 E Lowry Ln
Lexington KY 40503

Galen Geyer #7
11 11 24W Trego KS
Job Ticket: 30543 **DST#: 4**
Test Start: 2007.09.03 @ 14:49:48

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: 58.00 sec/qt	Cushion Volume: bbl		
Water Loss: 8.77 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	SOCM	0.049

Total Length: 10.00 ft Total Volume: 0.049 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:

Serial #: 6669

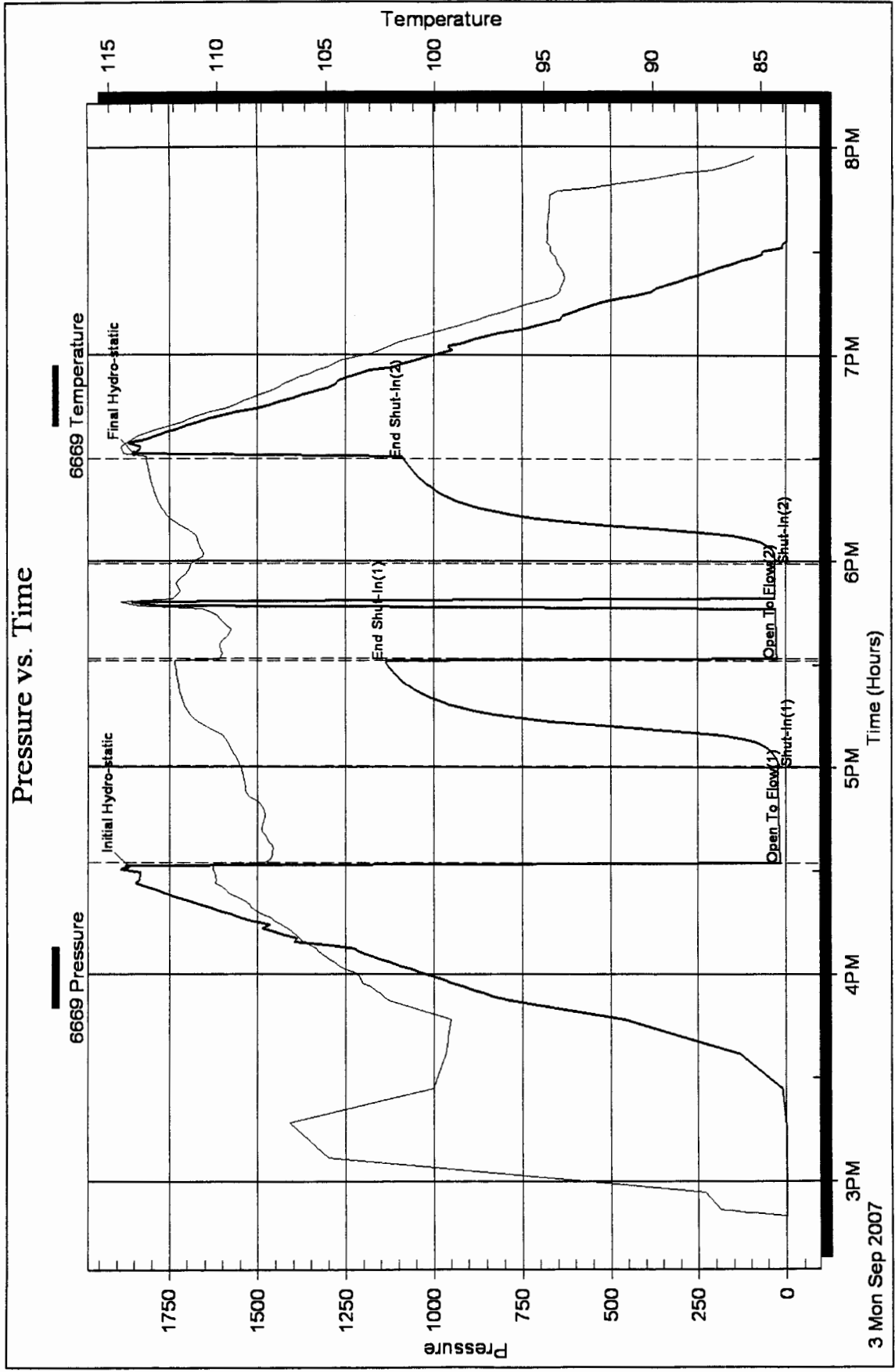
Inside

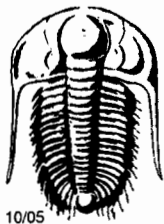
Ohio Kentucky

11 11 24W Trego KS

DST Test Number: 4

Pressure vs. Time





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

30540

RECEIVED

SEP 04 2007

Test Ticket

P.O. # 12111

Well Name & No. Galen Geyer #7 Test No. 7 Date 9-1-07
 Company Ohio Kentucky Zone Tested "E"
 Address 110 E Loury Ln. Lexington, KY 40503 Elevation 2284 KB 2279 GL
 Co. Rep / Geo. Jim Hall Rig WU #6
 Location: Sec. 11 Twp. 11S Rge. 24W Co. Troy State KS
 Comment: _____ Release date / time: _____

Interval Tested 3717 - 3739 Initial Str Wt./Lbs. 41,000 Unseated Str Wt./Lbs. 41,000
 Anchor Length 22' Wt. Set Lbs. 25000 Wt. Pulled Loose/Lbs. 58,000
 Top Packer Depth 3712 Tool Weight 3000
 Bottom Packer Depth 3717 Hole Size 7 7/8" ✓ Rubber Size 6 3/4" ✓
 Total Depth 3739 Wt. Pipe Run _____ Drill Collar Run 120'
 Mud Wt. 9.7 LCM 55 Vis. 55 WL 8.8 Drill Pipe Size 4 1/2 X M Ft. Run 3577
 Blow Description IF - Weak surface died 29 min

FSI - Dead
FF - Dead
FSI - Dead

Recovery - Total Feet	GIP	Ft. in DC	Ft. in DP
<u>10'</u>	<u>Mud</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. _____	Feet of _____	%gas _____ %oil _____ %water _____ %mud _____	
Rec. _____	Feet of _____	%gas _____ %oil _____ %water _____ %mud _____	

BHT 114 °F Gravity _____ °API D @ _____ °F Corrected Gravity _____ °API
 RW _____ @ _____ °F Chlorides _____ ppm Recovery _____ Chlorides _____ ppm System

	AK-1	Alpine	Recorder No.	Test
(A) Initial Hydrostatic Mud		<u>1815</u> PSI	<u>6669</u>	<u>1100</u>
(B) First Initial Flow Pressure		<u>14</u> PSI	<u>3718</u>	Jars <u>250</u>
(C) First Final Flow Pressure		<u>19</u> PSI	<u>11084</u>	Safety Jt. <u>75</u>
(D) Initial Shut-In Pressure		<u>1005</u> PSI	<u>3736</u>	Circ Sub _____
(E) Second Initial Flow Pressure		<u>20</u> PSI		Sampler _____
(F) Second Final Flow Pressure		<u>25</u> PSI		Straddle _____
(G) Final Shut-In Pressure		<u>945</u> PSI	<u>30</u> Initial Opening	Ext. Packer _____
(Q) Final Hydrostatic Mud		<u>1739</u> PSI	<u>30</u> Initial Shut-In	Shale Packer _____

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.

Approved By [Signature]
 Our Representative Kyle K.

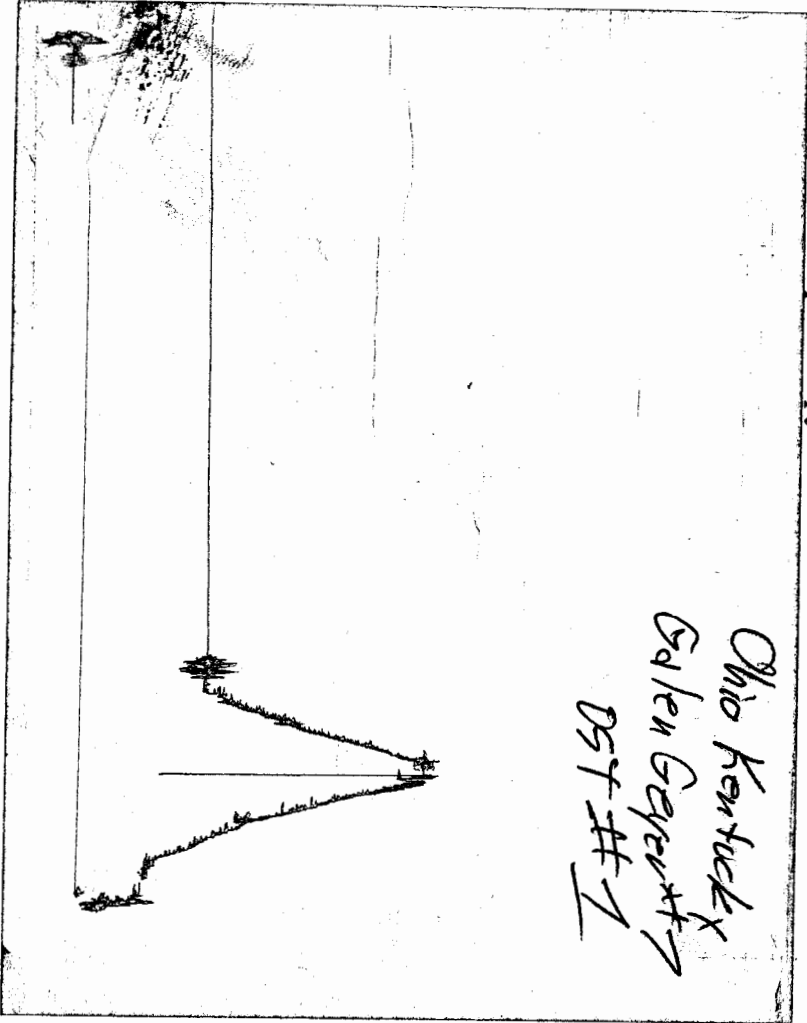
Final Flow 30
 Final Shut-In 30
 T-On Location 19:15
 T-Started 19:30
 T-Open 21:01
 T-Pulled _____
 T-Out _____

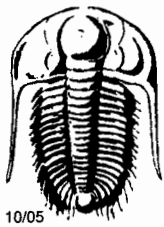
Mileage 102 + 127.50
 Sub Total: _____
 Std. By: _____
 Acc. Chg: _____
 Other: _____
 Total: \$1552.50

CHART PAGE

This is a photocopy of the actual AK-1 recorder chart

Ohio Kentucky
Solon Geoparts
DST #1





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

30541

Test Ticket P.O. # 12111

Well Name & No. Golen Geyer #7 Test No. 2 Date 9-2-07
 Company Ohio Kentucky Zone Tested I
 Address 110 E. Lowry Ln. Lexington, KY 40503 Elevation 2284 KB 2279 GL
 Co. Rep / Geo. J. in Hall Rig WLU #6
 Location: Sec. 11 Twp. 11S Rge. 24W Co. Trego State KS
 Comment: _____ Release date / time: _____

Interval Tested 3807-3830 Initial Str Wt./Lbs. 42,000 Unseated Str Wt./Lbs. 42,000
 Anchor Length 23' Wt. Set Lbs. 25000 Wt. Pulled Loose/Lbs. 45,000
 Top Packer Depth 3802 Tool Weight 3600
 Bottom Packer Depth 3807 Hole Size 7 7/8" ✓ Rubber Size 6 3/4" ✓
 Total Depth 3830 Wt. Pipe Run _____ Drill Collar Run 120'
 Mud Wt. 9.0 LCM _____ Vis. 55 WL 9.0 Drill Pipe Size 4 1/2 x H Ft. Run 3671

Flow Description IF - Weak Surface Oiled 2 min
ISI - Dead
FF - Dead
FSI - Dead

Recovery - Total Feet	GIP	Ft. in DC	Ft. in DP
Rec. <u>1'</u>	Feet of <u>Mud</u>	%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. _____	Feet of _____	%gas _____ %oil _____	%water _____ %mud _____

BHT 113 °F Gravity _____ °API D @ _____ °F Corrected Gravity _____ °API
 RW _____ @ _____ °F Chlorides _____ ppm Recovery _____ Chlorides _____ ppm System

	AK-1	Alpine	Recorder No.	Test
(A) Initial Hydrostatic Mud	<u>1874</u>	PSI	<u>6669</u>	<u>✓ 1100</u>
(B) First Initial Flow Pressure	<u>14</u>	PSI	<u>3808</u>	Jars <u>✓ 250</u>
(C) First Final Flow Pressure	<u>14</u>	PSI	<u>11084</u>	Safety Jt. <u>✓ 75</u>
(D) Initial Shut-In Pressure	<u>18</u>	PSI	<u>3827</u>	Circ Sub _____
(E) Second Initial Flow Pressure	<u>14</u>	PSI	Recorder No. _____	Sampler _____
(F) Second Final Flow Pressure	<u>15</u>	PSI	(depth) _____	Straddle _____
(G) Final Shut-In Pressure	<u>17</u>	PSI	Initial Opening <u>30</u>	Ext. Packer _____
(Q) Final Hydrostatic Mud	<u>1820</u>	PSI	Initial Shut-In <u>30</u>	Shale Packer _____

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.

Approved By [Signature]
 Our Representative Kyle K.

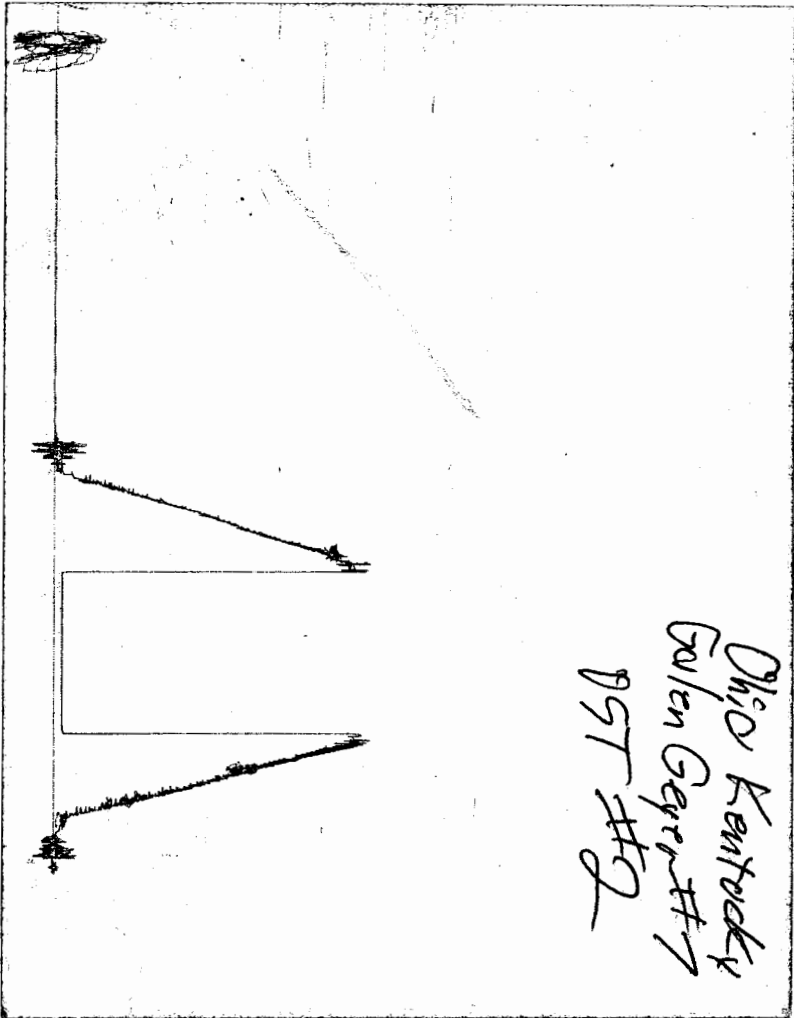
Final Flow 30
 Final Shut-In 30
 T-On Location 12:45
 T-Started 13:15
 T-Open 14:44
 T-Pulled 16:44
 T-Out 18:15

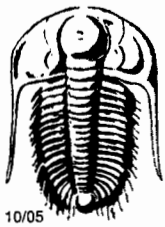
Sub Total: _____
 Std. By _____
 Acc. Chg: _____
 Other: _____
 Total: \$1552.50

CHART PAGE

This is a photocopy of the actual AK-1 recorder chart

*Ohio Kentucky
Folen Geyser #7
PST #2*





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

30542

Test Ticket

P.O.# 12111

Well Name & No. Galen Geyer #7 Test No. 3 Date 9-3-07
 Company Ohio Kentucky Zone Tested J
 Address 110 E. Lowry Ln. Lexington KY 40503 Elevation 2284 KB 2279 GL
 Co. Rep / Geo. Jim Hall Rig WWT#6
 Location: Sec. 11 Twp. 11S Rge. 24W Co. Trego State KS
 Comment: _____ Release date / time: _____

Interval Tested 3829-3853 Initial Str Wt./Lbs. 42000 Unseated Str Wt./Lbs. 42000
 Anchor Length 25 Wt. Set Lbs. 25000 Wt. Pulled Loose/Lbs. 50,000
 Top Packer Depth 3823 Tool Weight 3000
 Bottom Packer Depth 3828 Hole Size 7 7/8" ✓ Rubber Size 6 3/4" ✓
 Total Depth 3853 Wt. Pipe Run _____ Drill Collar Run 120'
 Mud Wt. 9.2 LCM _____ Vis. 54 WL 9.0 Drill Pipe Size 4 1/2 x H Ft. Run 3702

Blow Description IF - Weak surface
ISI - Weak surface died 10 min
FF - Dead
FSI - Dead

Recovery - Total Feet	GIP	Ft. in DC	Ft. in DP
<u>252</u>	<u>250</u>	<u>120</u>	<u>132</u>
Rec. <u>2</u> Feet of <u>Mud oil specs</u>	%gas	%oil	%water %mud
Rec. <u>250</u> Feet of <u>GIP</u>	%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
BHT <u>114</u> °F Gravity _____ °API D @ _____ °F Corrected Gravity _____ °API			
RW _____ @ _____ °F Chlorides _____ ppm Recovery _____ Chlorides _____ ppm System			

	AK-1	Alpine	Recorder No.	Test
(A) Initial Hydrostatic Mud	<u>1864</u> PSI	<u>1864</u> PSI	<u>6669</u>	<u>1100</u>
(B) First Initial Flow Pressure	<u>14</u> PSI	<u>14</u> PSI	<u>3829</u>	<u>250</u>
(C) First Final Flow Pressure	<u>15</u> PSI	<u>15</u> PSI	<u>11084</u>	<u>75</u>
(D) Initial Shut-In Pressure	<u>33</u> PSI	<u>33</u> PSI	<u>3850</u>	
(E) Second Initial Flow Pressure	<u>15</u> PSI	<u>15</u> PSI		
(F) Second Final Flow Pressure	<u>15</u> PSI	<u>15</u> PSI		
(G) Final Shut-In Pressure	<u>24</u> PSI	<u>24</u> PSI	Initial Opening <u>30</u>	
(Q) Final Hydrostatic Mud	<u>1848</u> PSI	<u>1848</u> PSI	Initial Shut-In <u>60</u>	
			Final Flow <u>30</u>	
			Final Shut-In <u>60</u>	

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Approved By Jim Hall
 Our Representative Kyle K.

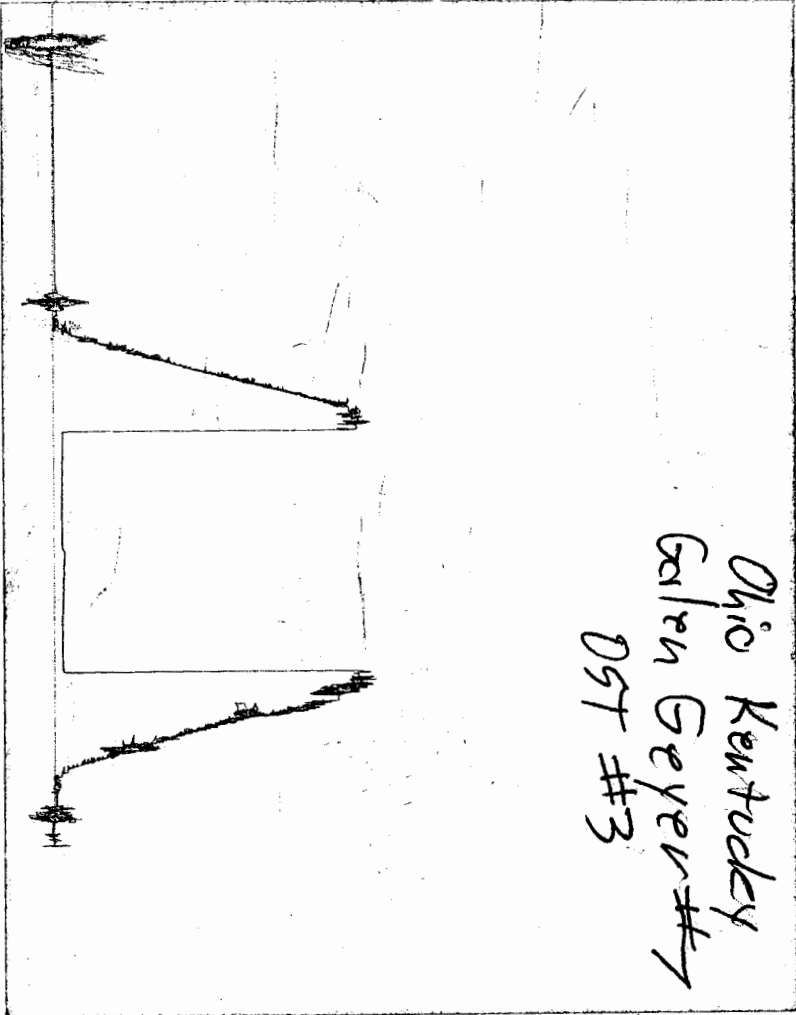
T-On Location 0:45
 T-Started 1:15
 T-Open 3:08
 T-Pulled 6:08
 T-Out 7:45

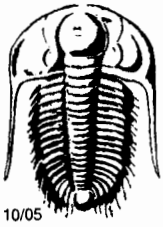
Test ✓ 1100
 Jars ✓ 250
 Safety Jt. ✓ 75
 Circ Sub _____
 Sampler _____
 Straddle _____
 Ext. Packer _____
 Shale Packer _____
 Ruined Packer _____
 Mileage 102 127.50
 Sub Total: _____
 Std. By _____
 Acc. Chg: _____
 Other: _____
 Total: 1552.50

CHART PAGE

This is a photocopy of the actual AK-1 recorder chart

Ohio Kentucky
Galvin Geyer #7
DST #3





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

30543

Test Ticket

PO # 12111

Well Name & No. Galen Geyer #7 Test No. 4 Date 9-3-07
 Company Ohio Kentucky Zone Tested "K"
 Address 110 E. Lowry Ln. Lexington, KY 40503 Elevation 2284 KB 2279 GL
 Co. Rep / Geo. Jim Hall Rig WW #6
 Location: Sec. 11 Twp. 11S Rge. 24W Co. Trego State K5
 Comment: _____ Release date / time: _____

Interval Tested 3847-3871 Initial Str Wt./Lbs. 42000 Unseated Str Wt./Lbs. 42,000
 Anchor Length 24 Wt. Set Lbs. 5000 Wt. Pulled Loose/Lbs. 58,000
 Top Packer Depth 3847 Tool Weight 3000
 Bottom Packer Depth 3847 Hole Size 7 7/8" ✓ Rubber Size 6 3/4" ✓
 Total Depth 3871 Wt. Pipe Run _____ Drill Collar Run 120
 Mud Wt. 9.2 LCM _____ Vis. 58 WL 8.6 Drill Pipe Size 4 1/2 x H Ft. Run 3702

Blow Description IF - Weak surface
ISI - Dead
FF - Dead flushed tool/weak surface with loss of fluid in hole
F5I - Dead

Recovery - Total Feet	GIP	Ft. in DC	Ft. in DP
10		10	
Rec. 10	Feet of <u>SOCM</u>	%gas	%oil
Rec. _____	Feet of _____	%gas	%oil
Rec. _____	Feet of _____	%gas	%oil
Rec. _____	Feet of _____	%gas	%oil
Rec. _____	Feet of _____	%gas	%oil

BHT 113 °F Gravity _____ °API D @ _____ °F Corrected Gravity _____ °API
 RW _____ @ _____ °F Chlorides _____ ppm Recovery _____ Chlorides _____ ppm System

	AK-1	Alpine	Recorder No.	Test
(A) Initial Hydrostatic Mud	1868	PSI	<u>6669</u>	✓ <u>1100</u>
(B) First Initial Flow Pressure	15	PSI	(depth) <u>3848</u>	Jars ✓ <u>250</u>
(C) First Final Flow Pressure	22	PSI	Recorder No. <u>11084</u>	Safety Jt. ✓ <u>75</u>
(D) Initial Shut-In Pressure	1136	PSI	(depth) <u>3868</u>	Circ Sub _____
(E) Second Initial Flow Pressure	24	PSI	Recorder No. _____	Sampler _____
(F) Second Final Flow Pressure	30	PSI	(depth) _____	Straddle _____
(G) Final Shut-In Pressure	1085	PSI	Initial Opening <u>30</u>	Ext. Packer _____
(Q) Final Hydrostatic Mud	1850	PSI	Initial Shut-In <u>30</u>	Shale Packer _____
			Final Flow <u>30</u>	Ruined Packer <u>127.50</u>
			Final Shut-In <u>30</u>	Mileage <u>102 rt</u>

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Approved By Jim Hall
 Our Representative Kyle K.

T-On Location 14:30
 T-Started 14:49 15:00
 T-Open 16:30
 T-Pulled 18:30
 T-Out 20:00

Sub Total: _____
 Std. By _____
 Acc. Chg: _____
 Other: _____
 Total: \$1352.50

CHART PAGE

This is a photocopy of the actual AK-1 recorder chart

Ohio Kentucky
Galena Geyers #3
OST #4

