



DRILL STEM TEST REPORT

Prepared For: **Larson Engineering, Inc**

562 W St Rd 4
Olmitz, KS 67564

ATTN: Vern Schrag

22-18s-30w Lane,KS

Fagerquist-Steele Unit #1-22

Start Date: 2014.06.06 @ 21:48:00

End Date: 2014.06.07 @ 04:09:45

Job Ticket #: 54916 DST #: 1

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

Printed: 2014.06.11 @ 13:38:29



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Larson Engineering, Inc
 562 W St Rd 4
 Olmitz, KS 67564
 ATTN: Vern Schrag

Fagerquist-Steele Unit #1-22
22-18s-30w Lane, KS
 Job Ticket: 54916 **DST#: 1**
 Test Start: 2014.06.06 @ 21:48:00

GENERAL INFORMATION:

Formation: **LKC - K**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 00:12:30
 Time Test Ended: 04:09:45
 Interval: **4230.00 ft (KB) To 4242.00 ft (KB) (TVD)**
 Total Depth: 4242.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Bradley Walter
 Unit No: 69
 Reference Elevations: 2883.00 ft (KB)
 2875.00 ft (CF)
 KB to GR/CF: 8.00 ft

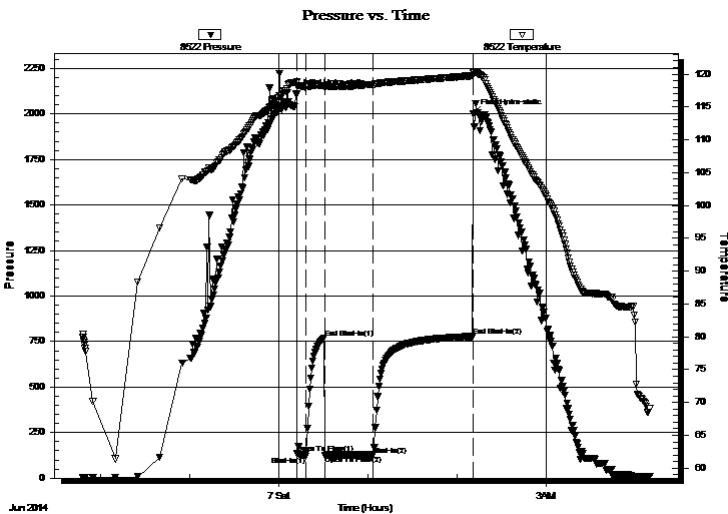
Serial #: 8522

Outside

Press@RunDepth: 127.75 psig @ 4231.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2014.06.06 End Date: 2014.06.07 Last Calib.: 2014.06.07
 Start Time: 21:48:05 End Time: 04:09:44 Time On Btm: 2014.06.07 @ 00:12:15
 Time Off Btm: 2014.06.07 @ 02:11:00

TEST COMMENT: 05: 8" blow . took on mud before establishing quality Packer seat.
 15: No return.
 30: No blow .
 60: No return

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2109.25	118.79	Initial Hydro-static
1	134.36	118.16	Open To Flow (1)
6	120.44	118.04	Shut-In(1)
19	770.21	118.27	End Shut-In(1)
19	127.17	117.96	Open To Flow (2)
52	127.75	118.43	Shut-In(2)
119	778.41	119.76	End Shut-In(2)
119	2002.24	120.14	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
200.00	Mud 100m (very thick at bottom)	1.68

Gas Rates

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



DRILL STEM TEST REPORT

Larson Engineering, Inc
 562 W St Rd 4
 Olmitz, KS 67564
 ATTN: Vern Schrag

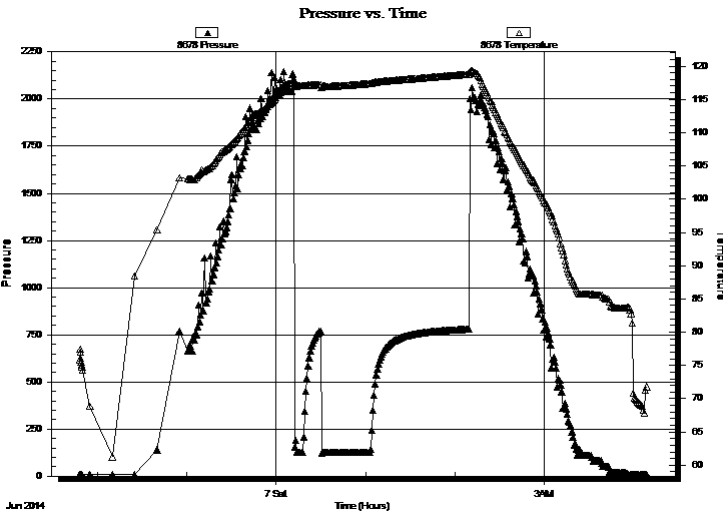
Fagerquist-Steele Unit #1-22
22-18s-30w Lane, KS
 Job Ticket: 54916 **DST#: 1**
 Test Start: 2014.06.06 @ 21:48:00

GENERAL INFORMATION:

Formation: **LKC - K**
 Deviated: No Whipstock: ft (KB) Test Type: Conventional Bottom Hole (Initial)
 Time Tool Opened: 00:12:30 Tester: Bradley Walter
 Time Test Ended: 04:09:45 Unit No: 69
Interval: 4230.00 ft (KB) To 4242.00 ft (KB) (TVD) Reference Elevations: 2883.00 ft (KB)
 Total Depth: 4242.00 ft (KB) (TVD) 2875.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Good KB to GR/CF: 8.00 ft

Serial #: 8678 Inside
 Press@RunDepth: psig @ 4231.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2014.06.06 End Date: 2014.06.07 Last Calib.: 2014.06.07
 Start Time: 21:48:05 End Time: 04:08:44 Time On Btm:
 Time Off Btm:

TEST COMMENT: 05: 8" blow . took on mud before establishing quality Packer seat.
 15: No return.
 30: No blow .
 60: No return



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
200.00	Mud 100m (very thick at bottom)	1.68

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Larson Engineering, Inc

Fagerquist-Steele Unit #1-22

562 W St Rd 4
Olmitz, KS 67564

22-18s-30w Lane, KS

Job Ticket: 54916

DST#: 1

ATTN: Vern Schrag

Test Start: 2014.06.06 @ 21:48:00

Tool Information

Drill Pipe:	Length: 4082.00 ft	Diameter: 3.80 inches	Volume: 57.26 bbl	Tool Weight:	2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer:	35000.00 lb
Drill Collar:	Length: 124.00 ft	Diameter: 2.25 inches	Volume: 0.61 bbl	Weight to Pull Loose:	75000.00 lb
			<u>Total Volume: 57.87 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	3.00 ft			String Weight: Initial	58000.00 lb
Depth to Top Packer:	4230.00 ft			Final	58000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	12.00 ft				
Tool Length:	39.00 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			4204.00	
Shut In Tool	5.00			4209.00	
Hydraulic tool	5.00			4214.00	
Jars	5.00			4219.00	
Safety Joint	2.00			4221.00	
Packer	5.00			4226.00	27.00 Bottom Of Top Packer
Packer	4.00			4230.00	
Stubb	1.00			4231.00	
Recorder	0.00	8678	Inside	4231.00	
Recorder	0.00	8522	Outside	4231.00	
Perforations	8.00			4239.00	
Bullnose	3.00			4242.00	12.00 Bottom Packers & Anchor

Total Tool Length: 39.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Larson Engineering, Inc

Fagerquist-Steele Unit #1-22

562 W St Rd 4
Olmitz, KS 67564

22-18s-30w Lane, KS

Job Ticket: 54916

DST#: 1

ATTN: Vern Schrag

Test Start: 2014.06.06 @ 21:48:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 60.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.75 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 2000.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
200.00	Mud 100m (very thick at bottom)	1.676

Total Length: 200.00 ft Total Volume: 1.676 bbl

Num Fluid Samples: 0

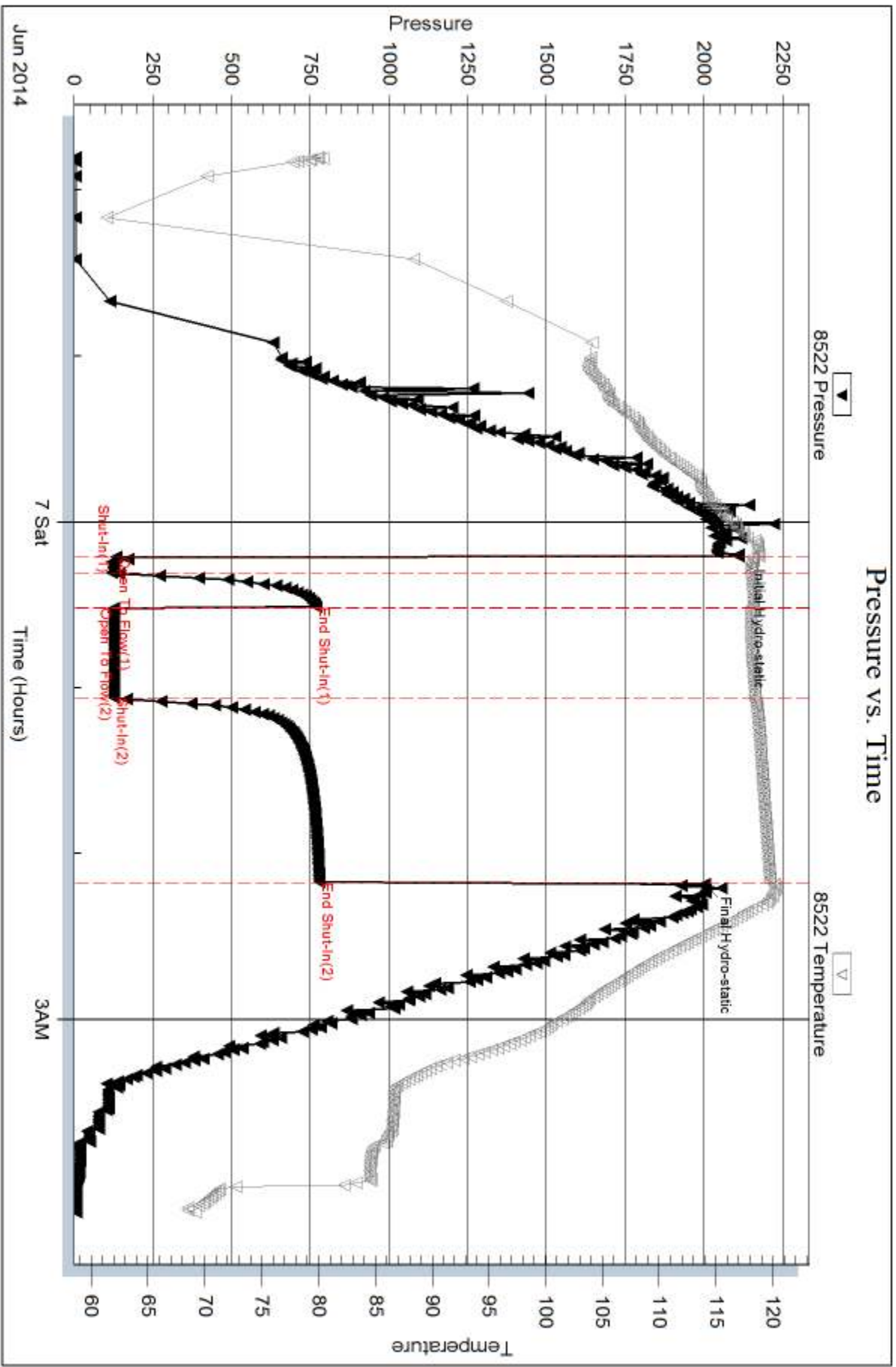
Num Gas Bombs: 0

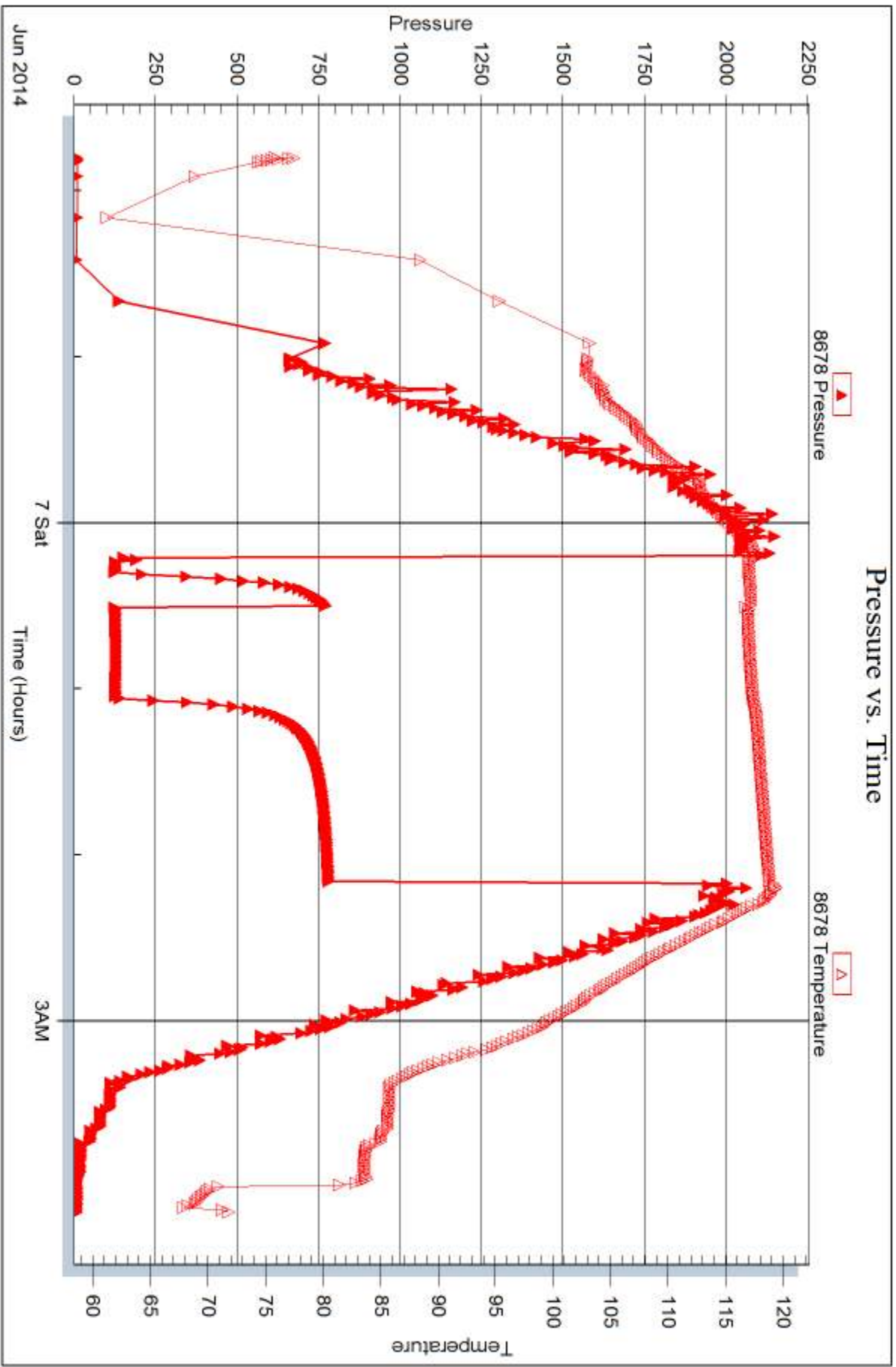
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:







DRILL STEM TEST REPORT

Prepared For: **Larson Engineering, Inc**

562 W St Rd 4
Olmitz, KS 67564

ATTN: Vern Schrag

22-18s-30w Lane,KS

Fagerquist-Steele Unit #1-22

Start Date: 2014.06.07 @ 17:44:00

End Date: 2014.06.07 @ 22:43:45

Job Ticket #: 56542 DST #: 2

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

Printed: 2014.06.11 @ 13:38:05



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Larson Engineering, Inc

562 W St Rd 4
Olmitz, KS 67564

ATTN: Vern Schrag

Fagerquist-Steele Unit #1-22

22-18s-30w Lane, KS

Job Ticket: 56542

DST#: 2

Test Start: 2014.06.07 @ 17:44:00

GENERAL INFORMATION:

Formation: **LKC 'L'**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 19:47:15

Time Test Ended: 22:43:45

Test Type: Conventional Bottom Hole (Reset)

Tester: Cornelio Landa III

Unit No: 69

Interval: 4267.00 ft (KB) To 4286.00 ft (KB) (TVD)

Reference Elevations: 2883.00 ft (KB)

Total Depth: 4286.00 ft (KB) (TVD)

2875.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 8.00 ft

Serial #: 8522 Outside

Press@RunDepth: 38.45 psig @ 4269.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.06.07

End Date:

2014.06.07

Last Calib.: 2014.06.07

Start Time: 17:44:05

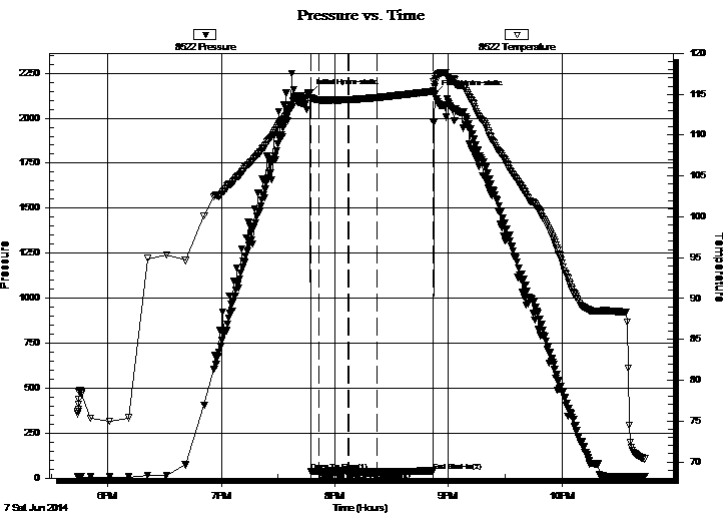
End Time:

22:43:44

Time On Btm: 2014.06.07 @ 19:46:45

Time Off Btm: 2014.06.07 @ 20:52:45

TEST COMMENT: IF: 1/2" Blow
IS: No Return
FF: No Blow
FS: No Return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2135.16	115.17	Initial Hydro-static
1	38.59	114.58	Open To Flow (1)
5	38.87	114.31	Shut-In(1)
21	42.39	114.34	End Shut-In(1)
21	37.80	114.34	Open To Flow (2)
36	38.45	114.61	Shut-In(2)
66	40.22	115.37	End Shut-In(2)
66	2133.90	115.94	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	Mud 100m	0.05

* Recovery from multiple tests

Gas Rates

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



DRILL STEM TEST REPORT

Larson Engineering, Inc

Fagerquist-Steele Unit #1-22

562 W St Rd 4
Olmitz, KS 67564

22-18s-30w Lane, KS

ATTN: Vern Schrag

Job Ticket: 56542 **DST#: 2**

Test Start: 2014.06.07 @ 17:44:00

GENERAL INFORMATION:

Formation: **LKC 'L'**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 19:47:15

Time Test Ended: 22:43:45

Test Type: Conventional Bottom Hole (Reset)

Tester: Cornelio Landa III

Unit No: 69

Interval: 4267.00 ft (KB) To 4286.00 ft (KB) (TVD)

Reference Elevations: 2883.00 ft (KB)

Total Depth: 4286.00 ft (KB) (TVD)

2875.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 8.00 ft

Serial #: 8678 Inside

Press@RunDepth: psig @ 4269.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.06.07

End Date: 2014.06.07

Last Calib.: 2014.06.07

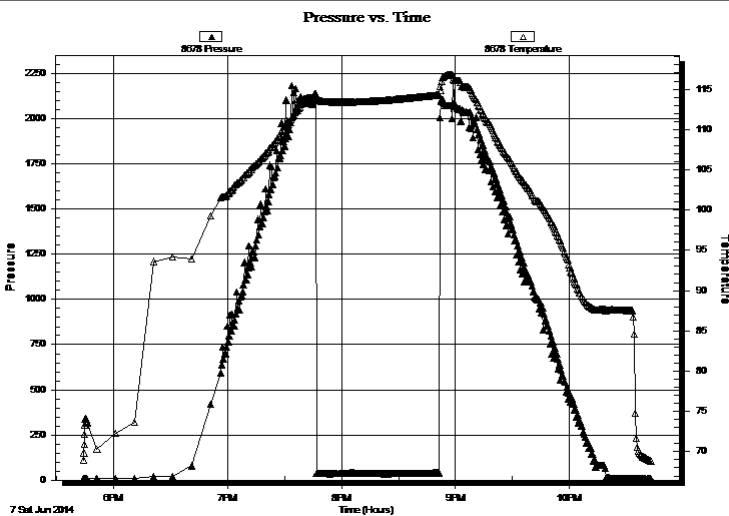
Start Time: 17:44:05

End Time: 22:42:44

Time On Btm:

Time Off Btm:

TEST COMMENT: IF: 1/2" Blow
IS: No Return
FF: No Blow
FS: No Return



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
10.00	Mud 100m	0.05

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Larson Engineering, Inc

Fagerquist-Steele Unit #1-22

562 W St Rd 4
Olmitz, KS 67564

22-18s-30w Lane, KS

Job Ticket: 56542

DST#: 2

ATTN: Vern Schrag

Test Start: 2014.06.07 @ 17:44:00

Tool Information

Drill Pipe:	Length: 4144.00 ft	Diameter: 3.80 inches	Volume: 58.13 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 32000.00 lb
Drill Collar:	Length: 124.00 ft	Diameter: 2.25 inches	Volume: 0.61 bbl	Weight to Pull Loose: 14000.00 lb
			<u>Total Volume: 58.74 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	28.00 ft			String Weight: Initial 62000.00 lb
Depth to Top Packer:	4267.00 ft			Final 62000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	19.00 ft			
Tool Length:	46.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

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

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4241.00	
Shut In Tool	5.00			4246.00	
Hydraulic tool	5.00			4251.00	
Jars	5.00			4256.00	
Safety Joint	2.00			4258.00	
Packer	5.00			4263.00	27.00 Bottom Of Top Packer
Packer	4.00			4267.00	
Perforations	1.00			4268.00	
Stubb	1.00			4269.00	
Recorder	0.00	8678	Inside	4269.00	
Recorder	0.00	8522	Outside	4269.00	
Perforations	14.00			4283.00	
Bullnose	3.00			4286.00	19.00 Bottom Packers & Anchor

Total Tool Length: 46.00



**TRILOBITE
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DRILL STEM TEST REPORT

FLUID SUMMARY

Larson Engineering, Inc

Fagerquist-Steele Unit #1-22

562 W St Rd 4
Olmitz, KS 67564

22-18s-30w Lane, KS

Job Ticket: 56542

DST#: 2

ATTN: Vern Schrag

Test Start: 2014.06.07 @ 17:44:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 60.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.15 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 3000.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	Mud 100m	0.049

Total Length: 10.00 ft Total Volume: 0.049 bbl

Num Fluid Samples: 0

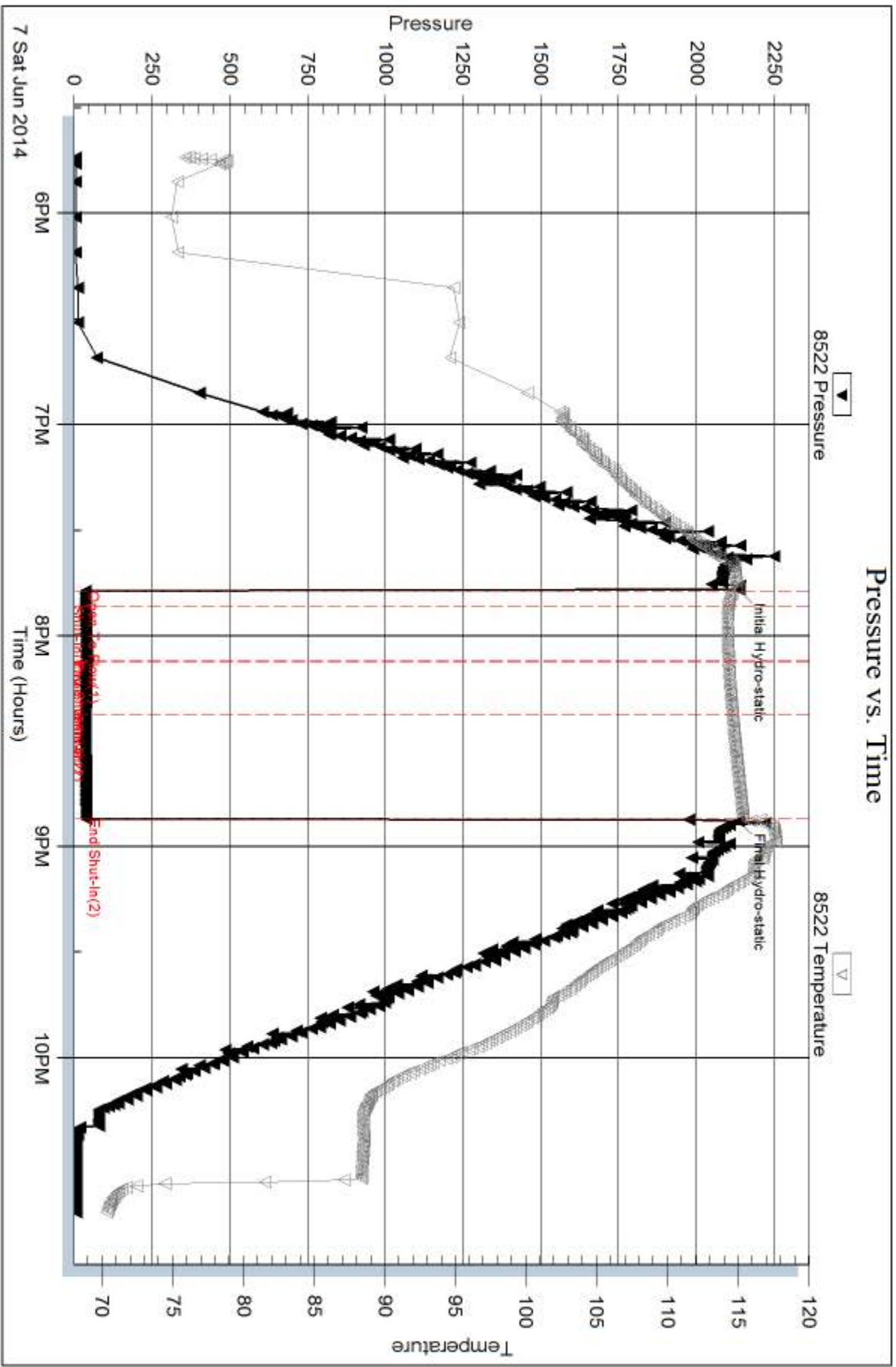
Num Gas Bombs: 0

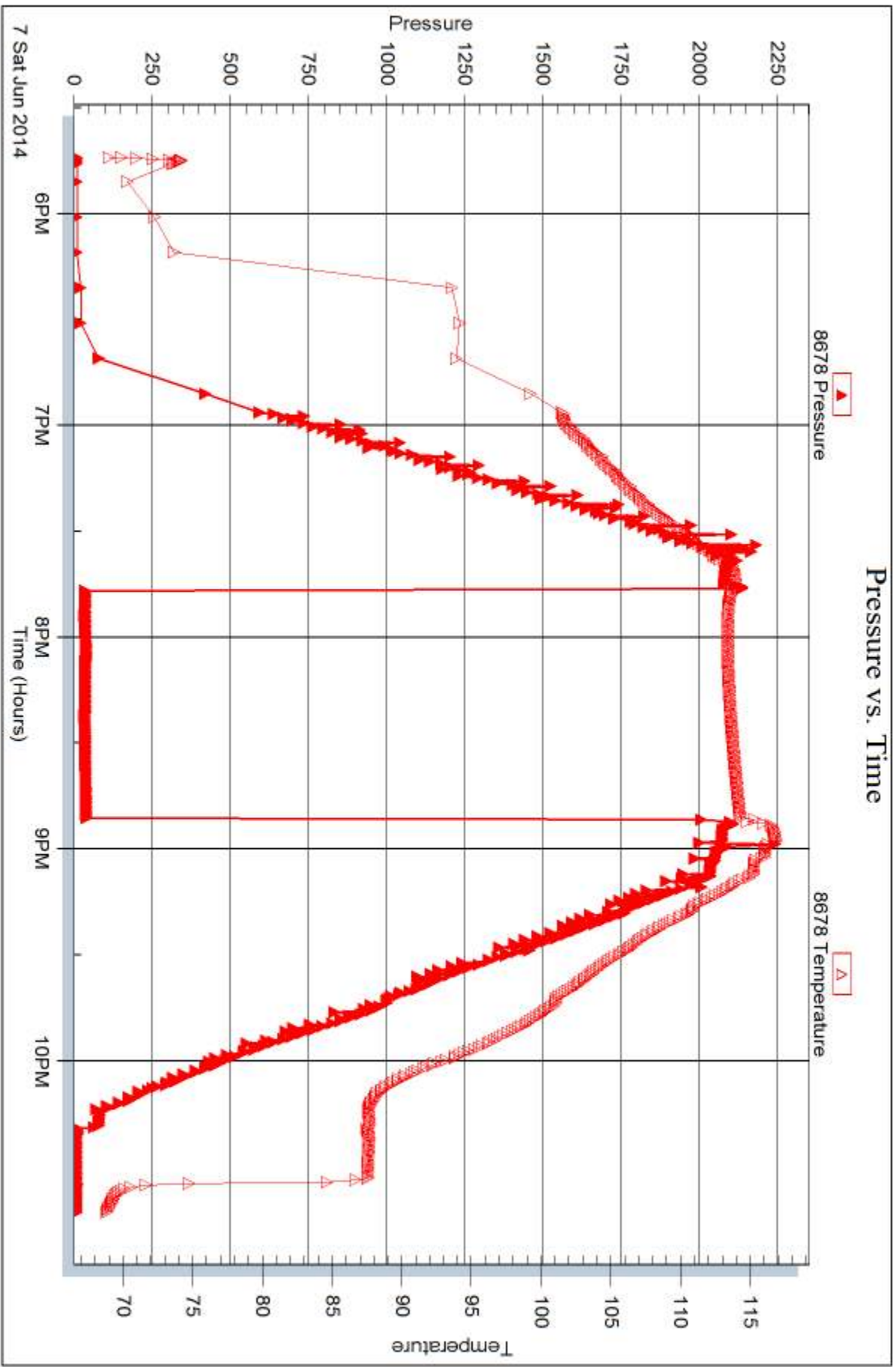
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:







DRILL STEM TEST REPORT

Prepared For: **Larson Engineering, Inc**

562 W St Rd 4
Olmitz, KS 67564

ATTN: Vern Schrag

22-18s-30w Lane,KS

Fagerquist-Steele Unit #1-22

Start Date: 2014.06.08 @ 16:05:00

End Date: 2014.06.08 @ 21:19:45

Job Ticket #: 56543 DST #: 3

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2014.06.11 @ 13:37:41



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Larson Engineering, Inc

562 W St Rd 4
Olmitz, KS 67564

ATTN: Vern Schrag

Fagerquist-Steele Unit #1-22

22-18s-30w Lane, KS

Job Ticket: 56543

DST#: 3

Test Start: 2014.06.08 @ 16:05:00

GENERAL INFORMATION:

Formation: **Marmaton**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 18:22:45

Time Test Ended: 21:19:45

Test Type: Conventional Bottom Hole (Reset)

Tester: Cornelio Landa III

Unit No: 69

Interval: 4302.00 ft (KB) To 4405.00 ft (KB) (TVD)

Reference Elevations: 2883.00 ft (KB)

Total Depth: 4405.00 ft (KB) (TVD)

2875.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 8.00 ft

Serial #: 8522 Outside

Press@RunDepth: 35.70 psig @ 4304.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.06.08

End Date:

2014.06.08

Last Calib.:

2014.06.08

Start Time: 16:05:05

End Time:

21:19:44

Time On Btm:

2014.06.08 @ 18:22:15

Time Off Btm:

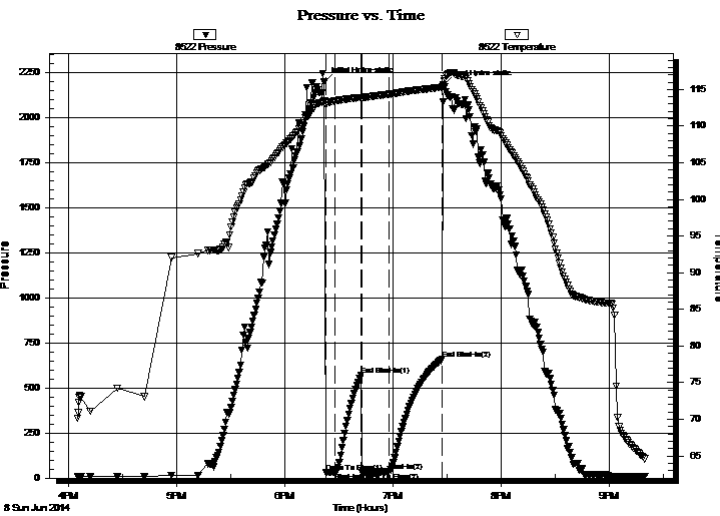
2014.06.08 @ 19:28:30

TEST COMMENT: IF: 1/2" Blow - Died in 1 min.

IS: No Return

FF: No Blow

FS: No Return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2198.60	113.45	Initial Hydro-static
1	29.68	112.90	Open To Flow (1)
6	30.58	113.42	Shut-In(1)
20	569.48	113.91	End Shut-In(1)
21	33.96	113.72	Open To Flow (2)
36	35.70	114.35	Shut-In(2)
66	659.88	115.32	End Shut-In(2)
67	2183.07	116.21	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	Mud 100m	0.02

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Larson Engineering, Inc

Fagerquist-Steele Unit #1-22

562 W St Rd 4
Olmitz, KS 67564

22-18s-30w Lane, KS

Job Ticket: 56543

DST#: 3

ATTN: Vern Schrag

Test Start: 2014.06.08 @ 16:05:00

Tool Information

Drill Pipe:	Length: 4173.00 ft	Diameter: 3.80 inches	Volume: 58.54 bbl	Tool Weight:	2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer:	26000.00 lb
Drill Collar:	Length: 124.00 ft	Diameter: 2.25 inches	Volume: 0.61 bbl	Weight to Pull Loose:	10000.00 lb
			<u>Total Volume: 59.15 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	22.00 ft			String Weight: Initial	58000.00 lb
Depth to Top Packer:	4302.00 ft			Final	58000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	103.00 ft				
Tool Length:	130.00 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			4276.00	
Shut In Tool	5.00			4281.00	
Hydraulic tool	5.00			4286.00	
Jars	5.00			4291.00	
Safety Joint	2.00			4293.00	
Packer	5.00			4298.00	27.00 Bottom Of Top Packer
Packer	4.00			4302.00	
Stubb	1.00			4303.00	
Change Over Sub	1.00			4304.00	
Recorder	0.00	8678	Inside	4304.00	
Recorder	0.00	8522	Outside	4304.00	
Drill Pipe	94.00			4398.00	
Change Over Sub	1.00			4399.00	
Perforations	3.00			4402.00	
Bullnose	3.00			4405.00	103.00 Bottom Packers & Anchor

Total Tool Length: 130.00



**TRILOBITE
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DRILL STEM TEST REPORT

FLUID SUMMARY

Larson Engineering, Inc

Fagerquist-Steele Unit #1-22

562 W St Rd 4
Olmitz, KS 67564

22-18s-30w Lane, KS

Job Ticket: 56543

DST#: 3

ATTN: Vern Schrag

Test Start: 2014.06.08 @ 16:05:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length: ft

Water Salinity: ppm

Viscosity: 54.00 sec/qt

Cushion Volume: bbl

Water Loss: 7.57 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure: psig

Salinity: 2400.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	Mud 100m	0.025

Total Length: 5.00 ft Total Volume: 0.025 bbl

Num Fluid Samples: 0

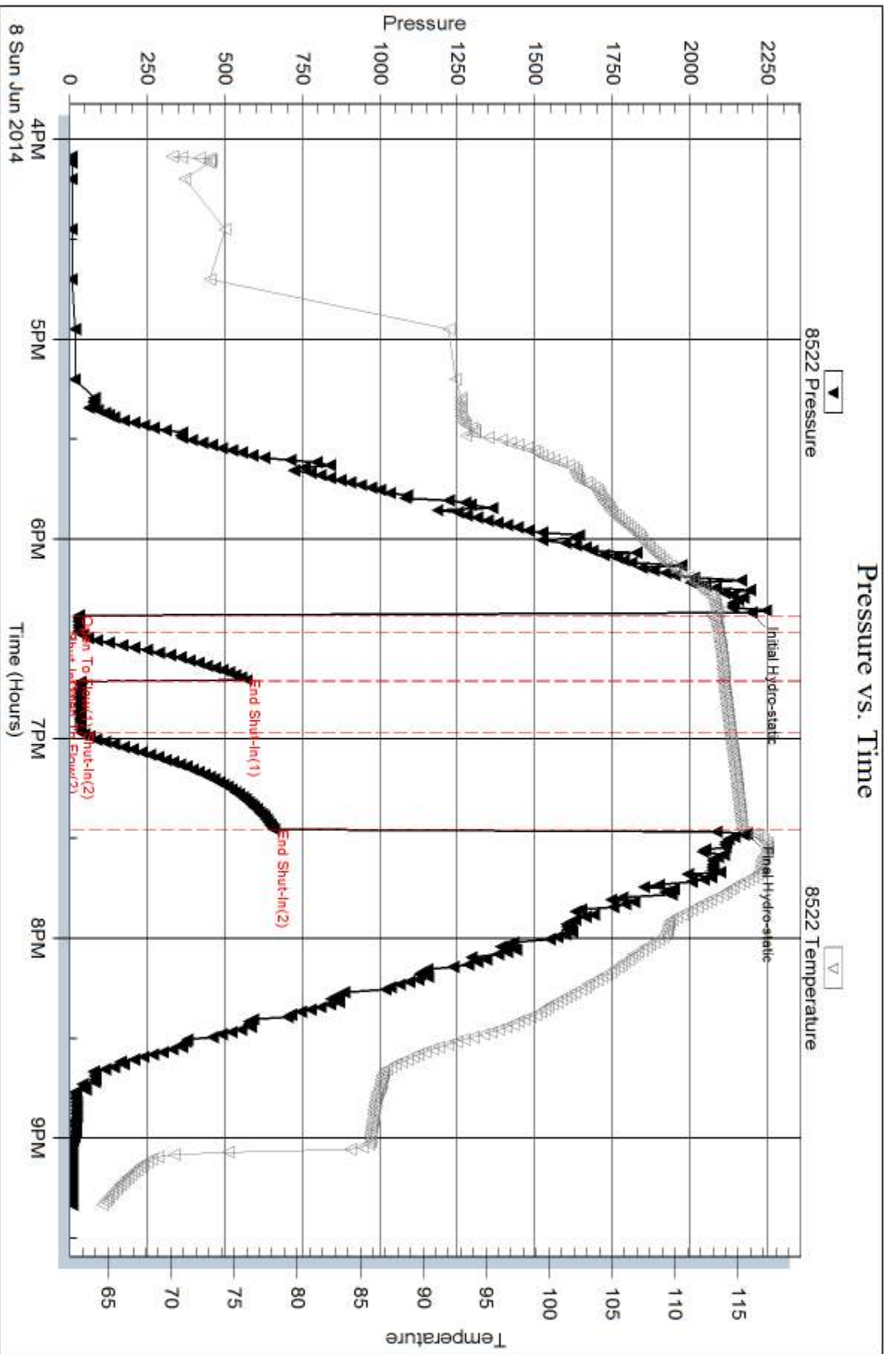
Num Gas Bombs: 0

Serial #:

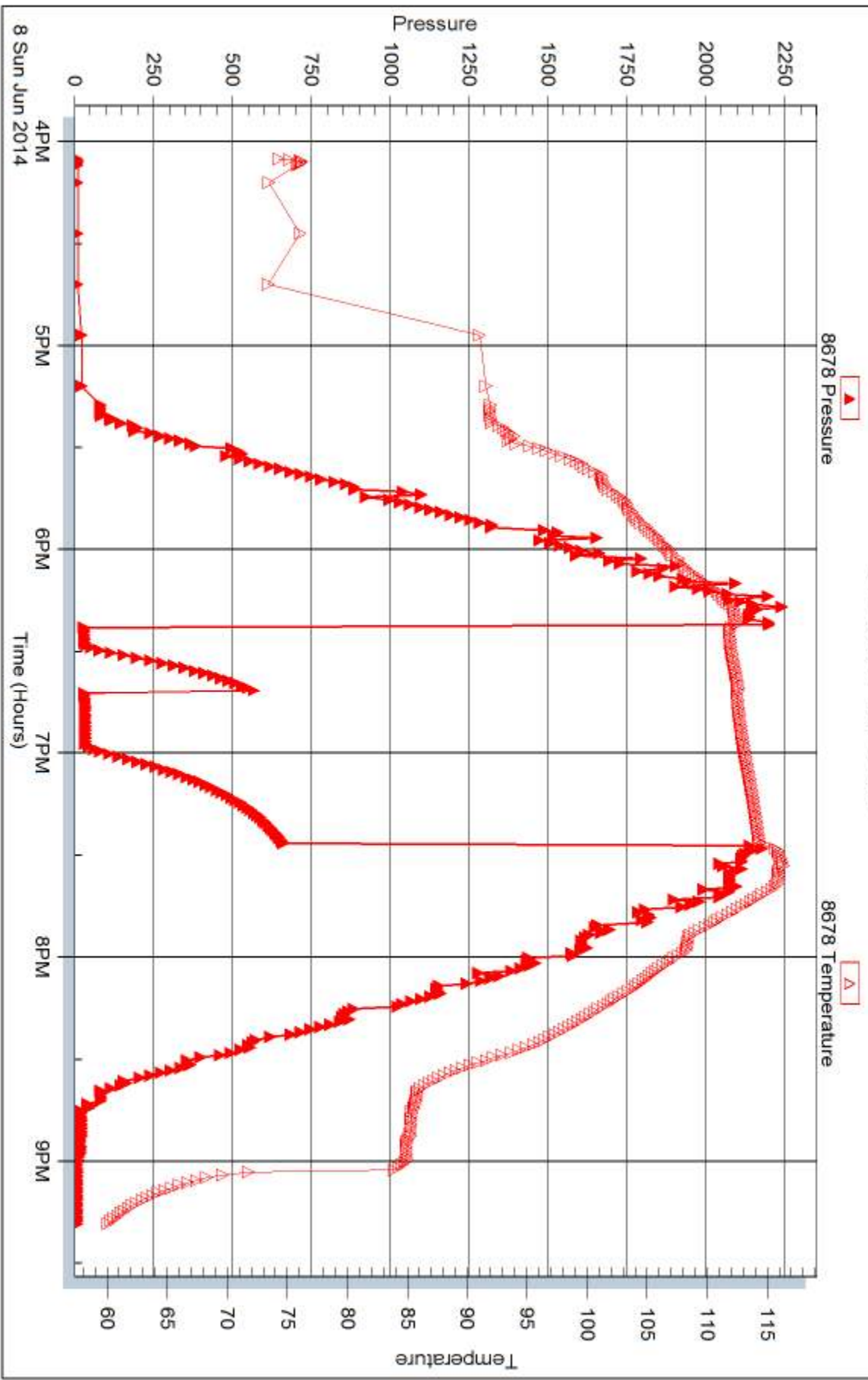
Laboratory Name:

Laboratory Location:

Recovery Comments:



Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **Larson Engineering, Inc**

562 W St Rd 4
Olmitz, KS 67564

ATTN: Vern Schrag

22-18s-30w Lane,KS

Fagerquist-Steele Unit #1-22

Start Date: 2014.06.09 @ 09:26:00

End Date: 2014.06.09 @ 14:48:30

Job Ticket #: 56544 DST #: 4

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2014.06.11 @ 13:37:17



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Larson Engineering, Inc

Fagerquist-Steele Unit #1-22

562 W St Rd 4
Olmitz, KS 67564

22-18s-30w Lane, KS

ATTN: Vern Schrag

Job Ticket: 56544

DST#: 4

Test Start: 2014.06.09 @ 09:26:00

GENERAL INFORMATION:

Formation: **Pawnee**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 11:14:30

Time Test Ended: 14:48:30

Test Type: Conventional Bottom Hole (Reset)

Tester: Cornelio Landa III

Unit No: 69

Interval: 4420.00 ft (KB) To 4470.00 ft (KB) (TVD)

Reference Elevations: 2883.00 ft (KB)

Total Depth: 4470.00 ft (KB) (TVD)

2875.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 8.00 ft

Serial #: 8522 Outside

Press@RunDepth: 68.84 psig @ 4423.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.06.09

End Date:

2014.06.09

Last Calib.:

2014.06.09

Start Time:

09:26:05

End Time:

14:48:29

Time On Btm:

2014.06.09 @ 11:14:15

Time Off Btm:

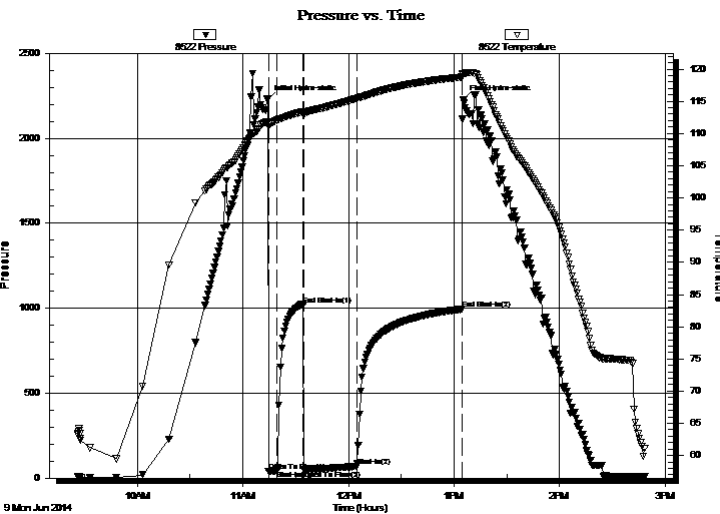
2014.06.09 @ 13:05:15

TEST COMMENT: IF: 1 1/4". Blow

IS: No Return

FF: Surface Blow -Built to 1/2". Blow

FS: No Return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2230.64	111.82	Initial Hydro-static
1	39.61	111.10	Open To Flow (1)
6	44.39	112.06	Shut-In(1)
20	1019.60	113.39	End Shut-In(1)
21	48.53	112.86	Open To Flow (2)
51	68.84	115.43	Shut-In(2)
111	994.99	118.77	End Shut-In(2)
111	2226.95	119.20	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
65.00	Mud 100m	0.32

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Larson Engineering, Inc

Fagerquist-Steele Unit #1-22

562 W St Rd 4
Olmitz, KS 67564

22-18s-30w Lane, KS

Job Ticket: 56544

DST#: 4

ATTN: Vern Schrag

Test Start: 2014.06.09 @ 09:26:00

Tool Information

Drill Pipe:	Length: 4299.00 ft	Diameter: 3.80 inches	Volume: 60.30 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 26000.00 lb
Drill Collar:	Length: 124.00 ft	Diameter: 2.25 inches	Volume: 0.61 bbl	Weight to Pull Loose: 13000.00 lb
			<u>Total Volume: 60.91 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	30.00 ft			String Weight: Initial 60000.00 lb
Depth to Top Packer:	4420.00 ft			Final 60000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	50.00 ft			
Tool Length:	77.00 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			4394.00	
Shut In Tool	5.00			4399.00	
Hydraulic tool	5.00			4404.00	
Jars	5.00			4409.00	
Safety Joint	2.00			4411.00	
Packer	5.00			4416.00	27.00 Bottom Of Top Packer
Packer	4.00			4420.00	
Stubb	1.00			4421.00	
Perforations	1.00			4422.00	
Change Over Sub	1.00			4423.00	
Recorder	0.00	8678	Inside	4423.00	
Recorder	0.00	8522	Outside	4423.00	
Drill Pipe	31.00			4454.00	
Change Over Sub	1.00			4455.00	
Perforations	12.00			4467.00	
Bullnose	3.00			4470.00	50.00 Bottom Packers & Anchor
Total Tool Length:	77.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Larson Engineering, Inc

Fagerquist-Steele Unit #1-22

562 W St Rd 4
Olmitz, KS 67564

22-18s-30w Lane, KS

Job Ticket: 56544

DST#: 4

ATTN: Vern Schrag

Test Start: 2014.06.09 @ 09:26:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 55.00 sec/qt

Cushion Volume:

bbf

Water Loss: 7.58 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 2400.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbf
65.00	Mud 100m	0.320

Total Length: 65.00 ft Total Volume: 0.320 bbf

Num Fluid Samples: 0

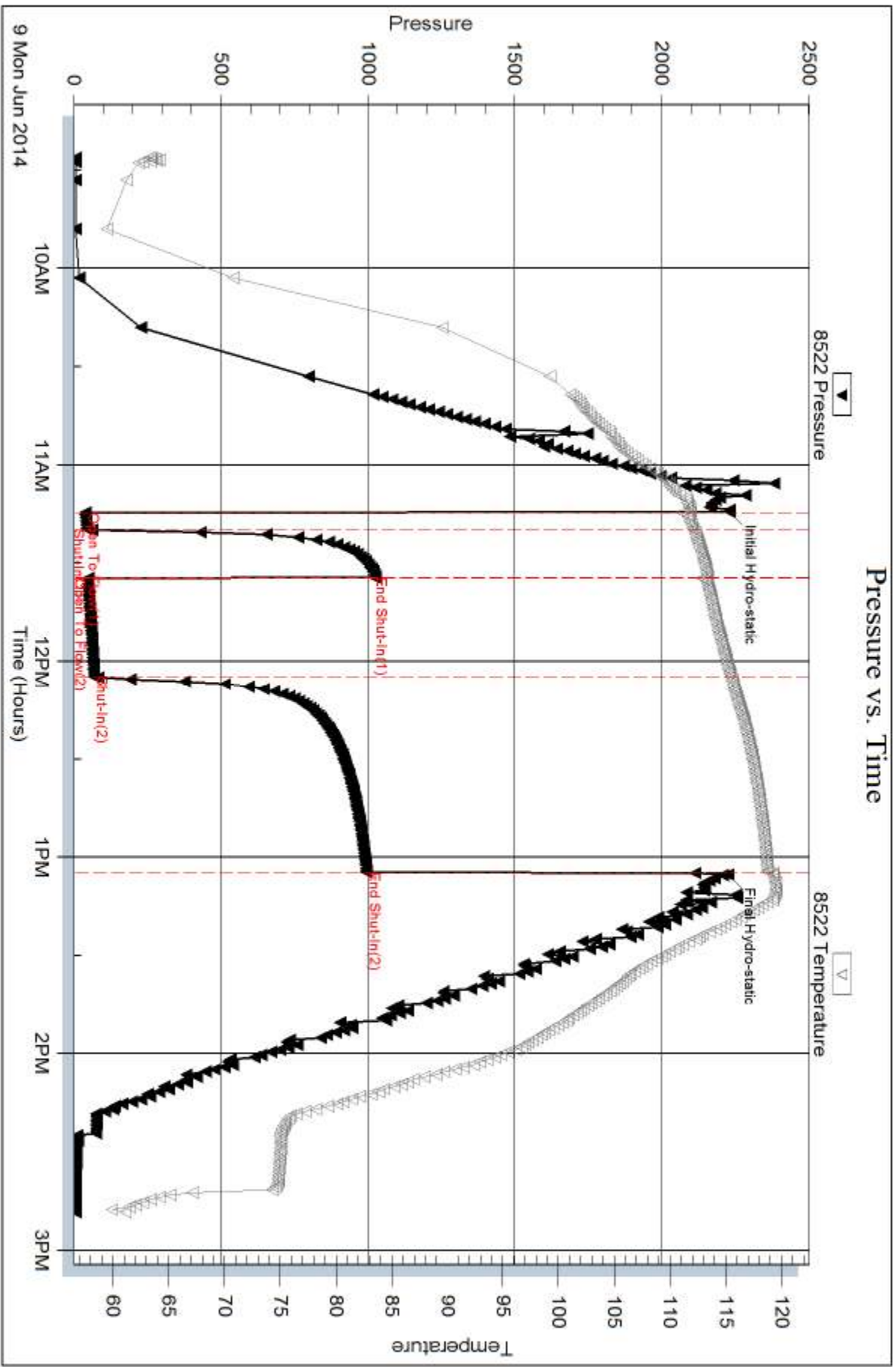
Num Gas Bombs: 0

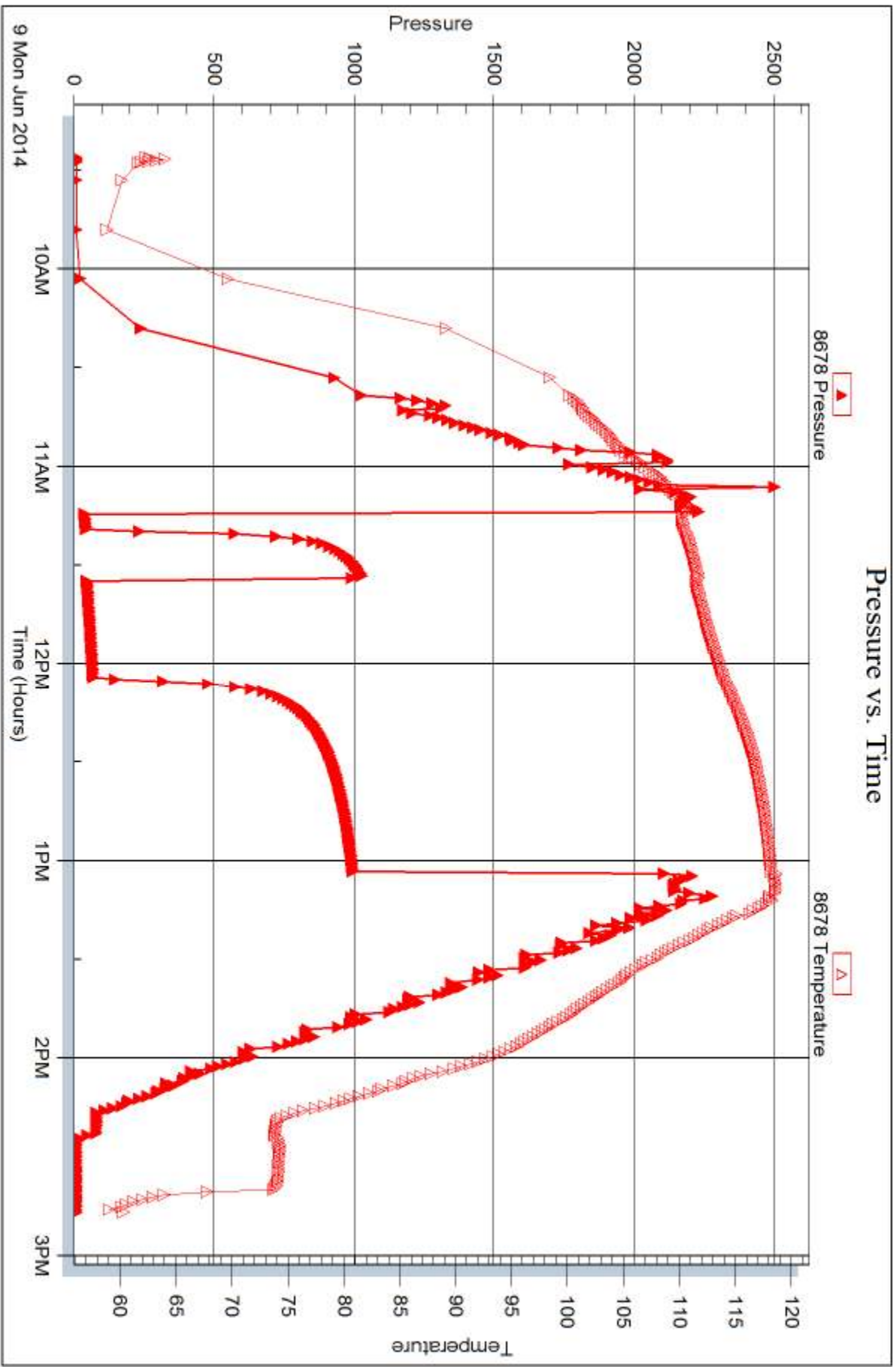
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:







DRILL STEM TEST REPORT

Prepared For: **Larson Engineering, Inc**

562 W St Rd 4
Olmitz, KS 67564

ATTN: Vern Schrag

22-18s-30w Lane,KS

Fagerquist-Steele Unit #1-22

Start Date: 2014.06.10 @ 04:47:00

End Date: 2014.06.10 @ 09:58:30

Job Ticket #: 56545 DST #: 5

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2014.06.11 @ 13:36:34



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Larson Engineering, Inc

562 W St Rd 4
Olmitz, KS 67564

ATTN: Vern Schrag

Fagerquist-Steele Unit #1-22

22-18s-30w Lane, KS

Job Ticket: 56545

DST#: 5

Test Start: 2014.06.10 @ 04:47:00

GENERAL INFORMATION:

Formation: **Cherokee**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 06:51:00

Time Test Ended: 09:58:30

Test Type: Conventional Bottom Hole (Reset)

Tester: Cornelio Landa III

Unit No: 69

Interval: 4468.00 ft (KB) To 4565.00 ft (KB) (TVD)

Reference Elevations: 2883.00 ft (KB)

Total Depth: 4565.00 ft (KB) (TVD)

2875.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 8.00 ft

Serial #: 8522 Outside

Press@RunDepth: 58.22 psig @ 4471.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.06.10

End Date: 2014.06.10

Last Calib.: 2014.06.10

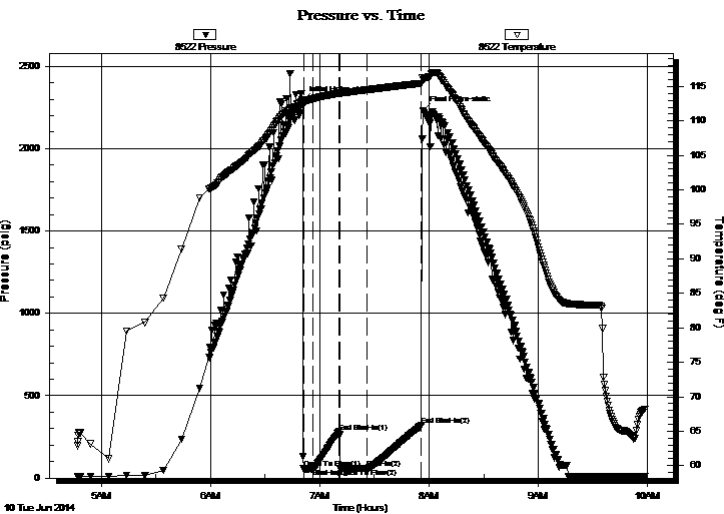
Start Time: 04:47:05

End Time: 09:58:29

Time On Btm: 2014.06.10 @ 06:50:30

Time Off Btm: 2014.06.10 @ 07:56:45

TEST COMMENT: IF: 2" Blow
IS: No Return
FF: Weak surface blow - Died in 3 min.
FS: No Return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2293.17	113.13	Initial Hydro-static
1	56.48	112.64	Open To Flow (1)
6	57.30	113.20	Shut-In(1)
20	281.11	114.01	End Shut-In(1)
21	57.28	113.98	Open To Flow (2)
36	58.22	114.52	Shut-In(2)
66	319.49	115.46	End Shut-In(2)
67	2228.70	115.93	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	Mud 100m	0.30

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Larson Engineering, Inc

Fagerquist-Steele Unit #1-22

562 W St Rd 4
Olmitz, KS 67564

22-18s-30w Lane, KS

Job Ticket: 56545

DST#: 5

ATTN: Vern Schrag

Test Start: 2014.06.10 @ 04:47:00

Tool Information

Drill Pipe:	Length: 4330.00 ft	Diameter: 3.80 inches	Volume: 60.74 bbl	Tool Weight:	2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer:	26000.00 lb
Drill Collar:	Length: 124.00 ft	Diameter: 2.25 inches	Volume: 0.61 bbl	Weight to Pull Loose:	10000.00 lb
			<u>Total Volume: 61.35 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	13.00 ft			String Weight: Initial	60000.00 lb
Depth to Top Packer:	4468.00 ft			Final	60000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	97.00 ft				
Tool Length:	124.00 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			4442.00	
Shut In Tool	5.00			4447.00	
Hydraulic tool	5.00			4452.00	
Jars	5.00			4457.00	
Safety Joint	2.00			4459.00	
Packer	5.00			4464.00	27.00 Bottom Of Top Packer
Packer	4.00			4468.00	
Stubb	1.00			4469.00	
Perforations	1.00			4470.00	
Change Over Sub	1.00			4471.00	
Recorder	0.00	8678	Inside	4471.00	
Recorder	0.00	8522	Outside	4471.00	
Drill Pipe	63.00			4534.00	
Change Over Sub	1.00			4535.00	
Perforations	27.00			4562.00	
Bullnose	3.00			4565.00	97.00 Bottom Packers & Anchor
Total Tool Length:	124.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Larson Engineering, Inc

Fagerquist-Steele Unit #1-22

562 W St Rd 4
Olmitz, KS 67564

22-18s-30w Lane, KS

Job Ticket: 56545

DST#: 5

ATTN: Vern Schrag

Test Start: 2014.06.10 @ 04:47:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length: ft

Water Salinity: ppm

Viscosity: 57.00 sec/qt

Cushion Volume: bbl

Water Loss: 7.97 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure: psig

Salinity: 3500.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	Mud 100m	0.295

Total Length: 60.00 ft Total Volume: 0.295 bbl

Num Fluid Samples: 0

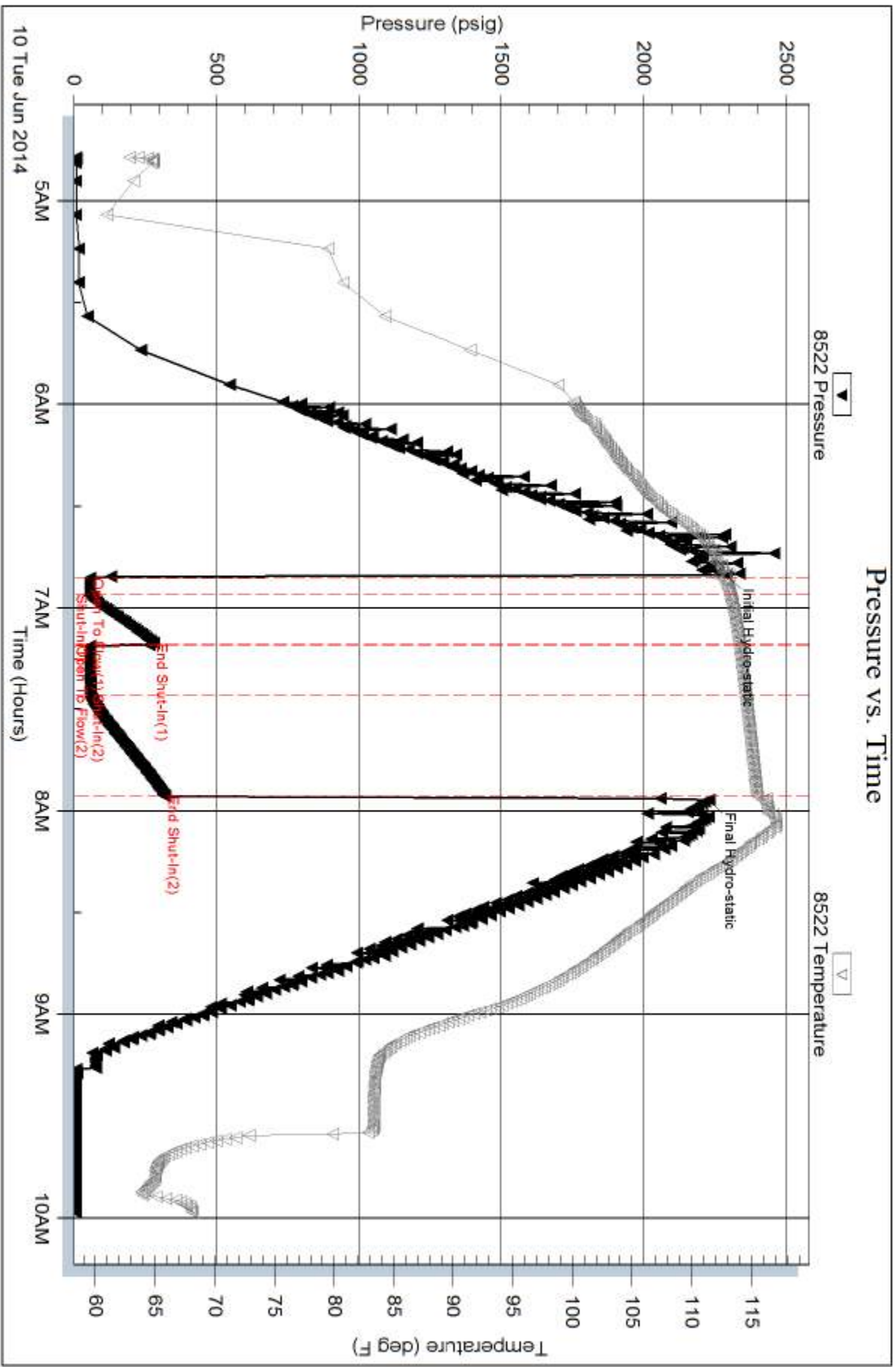
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. **54916**

Well Name & No. Fagerquist-Steele Unit 1-22 Test No. 1 Date 6/07/14
 Company Larsen Engineering, Inc. Elevation 2883 KB 2875 GL
 Address 562 W St Rd 4 Olmitz, KS 67564
 Co. Rep / Geo. Vera Schrag Rig 110 3
 Location: Sec. 22 Twp. 18S Rge. 30W Co. Lane State KS

Interval Tested 4230 4242 Zone Tested LKC "K"
 Anchor Length 12 Drill Pipe Run 4082 Mud Wt. 9.0
 Top Packer Depth 4225 Drill Collars Run 124 Vis 60
 Bottom Packer Depth 4230 Wt. Pipe Run 0 WL 6.8
 Total Depth 4242 Chlorides 2,000 ppm System LCM 1#
 Blow Description IF: 8" blow Took on some mod before packer set
ISI: No return
FF: No blow
FSI: No return

Rec	Feet of	%gas	%oil	%water	%mud
<u>200</u>	<u>Mod</u>			<u>100</u>	
	<u>very thick at bottom</u>				

Rec Total 200 BHT 120 Gravity ~ API RW - @ - °F Chlorides - ppm

(A) Initial Hydrostatic <u>2109</u>	<input checked="" type="checkbox"/> Test <u>1250</u>	T-On Location <u>0 2150</u>
(B) First Initial Flow <u>134</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>2145</u>
(C) First Final Flow <u>120</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>0008 6/7</u>
(D) Initial Shut-In <u>720</u>	<input checked="" type="checkbox"/> Circ Sub <u>N/C</u>	T-Pulled <u>0158</u>
(E) Second Initial Flow <u>127</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>0410</u>
(F) Second Final Flow <u>188</u>	<input checked="" type="checkbox"/> Mileage <u>37 AT 57.35</u>	Comments
(G) Final Shut-In <u>778</u>	<input type="checkbox"/> Sampler	
(H) Final Hydrostatic <u>2002</u>	<input type="checkbox"/> Straddle	
	<input type="checkbox"/> Shale Packer	<input type="checkbox"/> Ruined Shale Packer
	<input type="checkbox"/> Extra Packer	<input type="checkbox"/> Ruined Packer
	<input type="checkbox"/> Extra Recorder	<input type="checkbox"/> Extra Copies
Initial Open <u>5</u>	<input type="checkbox"/> Day Standby	Sub Total <u>0</u>
Initial Shut-In <u>15</u>	<input type="checkbox"/> Accessibility	Total <u>1632.35</u>
Final Flow <u>30</u>	Sub Total <u>1632.35</u>	MP/DST Disc
Final Shut-In <u>60</u>		

Approved By _____ Our Representative [Signature]

Trilobite Testing Inc. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 56542

Well Name & No. Fagerquist-Steel Unit #1-22 Test No. 2 Date 6-7-14
 Company Larsen Engineering Inc. Elevation 2853 KB 2875 GL
 Address 562 W. St. Rd #4 - Olmitz, KS 67564
 Co. Rep / Geo. Vern Schrag Rig HD #3
 Location: Sec. 22 Twp. 18-s Rge. 30-w Co. Lane State KS

Interval Tested 4267 - 4286 Zone Tested LKC "L"
 Anchor Length 19' Drill Pipe Run 4144' Mud Wt. 9.1
 Top Packer Depth 4263 Drill Collars Run 124 Vis 60
 Bottom Packer Depth 4267 Wt. Pipe Run 0 WL 7.2
 Total Depth 4286 Chlorides 3,000 ppm System LCM #1.5

Blow Description IF 1/2 in Blow

ISI: No Return

FF: No Blow

FJI: No Return

Rec	Feet of	%gas	%oil	%water	%mud
<u>10</u>	<u>mud</u>				<u>100</u>

Rec Total 10 BHT 116 Gravity _____ API RW _____ @ _____ ° F Chlorides _____ ppm

- (A) Initial Hydrostatic 2135
- (B) First Initial Flow 39
- (C) First Final Flow 39
- (D) Initial Shut-In 42
- (E) Second Initial Flow 38
- (F) Second Final Flow 38
- (G) Final Shut-In 40
- (H) Final Hydrostatic 2134

- Test 1250
- Jars 250
- Safety Joint 75
- Circ Sub n/c
- Hourly Standby
- Mileage 009 R-T 37 57.35
- Sampler
- Straddle
- Shale Packer
- Extra Packer
- Extra Recorder
- Day Standby
- Accessibility
- Sub Total 1632.35

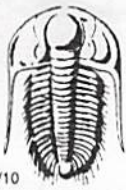
- T-On Location 17:30
- T-Started 17:44
- T-Open 19:47
- T-Pulled 20:52
- T-Out 22:43

- Comments _____
- Ruined Shale Packer
- Ruined Packer
- Extra Copies
- Sub Total 0
- Total 1632.35
- MP/DST Disc't _____

Initial Open 5
 Initial Shut-In 15
 Final Flow 15
 Final Shut-In 30

Approved By [Signature]

Our Representative [Signature]



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 56543

Well Name & No. Fagerquist #1-22 Test No. 3 Date 6-8-14
 Company Larson Engineering Inc. Elevation 2853 KB 2875 GL
 Address 562 W St. Rd #44 - DIMITZ, KS 67564
 Co. Rep / Geo. Vern Schrag Rig HD#3
 Location: Sec. 22 Twp. K8-5 Rge. 30-W Co. Lane State KS

Interval Tested 4302-4405 Zone Tested Marmaton
 Anchor Length 103' Drill Pipe Run 4173' Mud Wt. 9.1
 Top Packer Depth 4298 Drill Collars Run 124 Vis 54
 Bottom Packer Depth 4302 Wt. Pipe Run Ø WL 7.6
 Total Depth 4405 Chlorides 2400 ppm System LCM #1

Blow Description IF: 1/2 m Blow-Died in 1 min.
ISI: No Return
FF: No Blow
FSI: No Return

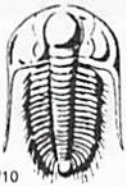
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec <u>5</u>	Feet of <u>Mud</u>	%gas	%oil	%water <u>100</u>	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 5 BHT 11p Gravity _____ API RW _____ @ _____ F Chlorides _____ ppm

(A) Initial Hydrostatic <u>2199</u>	<input checked="" type="checkbox"/> Test <u>1250</u>	T-On Location <u>15:45</u>
(B) First Initial Flow <u>30</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>16:05</u>
(C) First Final Flow <u>31</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>18:22</u>
(D) Initial Shut-In <u>569</u>	<input checked="" type="checkbox"/> Circ Sub <u>N/C</u>	T-Pulled <u>19:27</u>
(E) Second Initial Flow <u>34</u>	<input type="checkbox"/> Hourly Standby _____	T-Out <u>21:20</u>
(F) Second Final Flow <u>36</u>	<input checked="" type="checkbox"/> Mileage <u>37 RT 57.35</u>	Comments _____
(G) Final Shut-In <u>660</u>	<input type="checkbox"/> Sampler _____	<input type="checkbox"/> Ruined Shale Packer _____
(H) Final Hydrostatic <u>2183</u>	<input type="checkbox"/> Straddle _____	<input type="checkbox"/> Ruined Packer _____
Initial Open <u>5</u>	<input checked="" type="checkbox"/> Shale Packer <u>250</u>	<input type="checkbox"/> Extra Copies _____
Initial Shut-In <u>15</u>	<input type="checkbox"/> Extra Packer _____	Sub Total <u>0</u>
Final Flow <u>15</u>	<input type="checkbox"/> Extra Recorder _____	Total <u>1882.35</u>
Final Shut-In <u>30</u>	<input type="checkbox"/> Day Standby _____	MP/DST Disc't _____
	<input type="checkbox"/> Accessibility _____	
	Sub Total <u>1882.35</u>	

Approved By Vern Schrag Our Representative Callahan CLC

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TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 56544

4/10

Well Name & No. Fagerquist-Steels Unit #1-22 Test No. 4 Date 6-9-14
 Company Larson Engineering Elevation 2883 KB 2875 GL
 Address 562 W. State Rd #4 - Olinville, KS 67564
 Co. Rep / Geo. Vern Schrag Rig AD#3
 Location: Sec. 22 Twp. 18-S Rge. 30-W Co. Lane State KS

Interval Tested 4420-4470 Zone Tested ~~2883~~ Pawnee
 Anchor Length 50' Drill Pipe Run 4299 Mud Wt. 8.9
 Top Packer Depth 4416 Drill Collars Run 124 Vis 55
 Bottom Packer Depth 4420 Wt. Pipe Run 8 WL 7.6
 Total Depth 4470 Chlorides 2400 ppm System LCM #1

Blow Description IF: 1 1/4 in Blow
IST: No Return
FF: surface Blow - Built to 1/2 in. Blow
FST: No Return

Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec <u>65</u>	Feet of <u>mud</u>	%gas	%oil	%water <u>100</u>	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

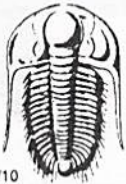
Rec Total 65 BHT 119 Gravity — API RW — @ — ° F Chlorides — ppm

(A) Initial Hydrostatic <u>2231</u>	<input checked="" type="checkbox"/> Test <u>1250</u>	T-On Location <u>07:40</u>
(B) First Initial Flow <u>40</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>09:26</u>
(C) First Final Flow <u>44</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>11:14</u>
(D) Initial Shut-In <u>1020</u>	<input checked="" type="checkbox"/> Circ Sub <u>N/C</u>	T-Pulled <u>13:04</u>
(E) Second Initial Flow <u>49</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>14:48</u>
(F) Second Final Flow <u>69</u>	<input checked="" type="checkbox"/> Mileage <u>37 R-T</u> 57.35	Comments <u>740 on loc waiting on</u>
(G) Final Shut-In <u>995</u>	<input type="checkbox"/> Sampler	<u>Cat!! Cat was here @ 9:20</u>
(H) Final Hydrostatic <u>2227</u>	<input type="checkbox"/> Straddle	<input type="checkbox"/> Ruined Shale Packer

Initial Open <u>5</u>	<input checked="" type="checkbox"/> Shale Packer <u>250</u>	<input type="checkbox"/> Ruined Packer
Initial Shut-In <u>15</u>	<input type="checkbox"/> Extra Packer	<input type="checkbox"/> Extra Copies
Final Flow <u>30</u>	<input type="checkbox"/> Extra Recorder	Sub Total <u>0</u>
Final Shut-In <u>60</u>	<input type="checkbox"/> Day Standby	Total <u>1882.35</u>
	<input type="checkbox"/> Accessibility	MP/DST Disc't
	Sub Total <u>1882.35</u>	

Approved By Vern Schrag Our Representative

TriLOBite Testing Inc. shall not be liable for damaged or 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. 56545

4/10

Well Name & No. Fagerquist-Steel Unit #1-22 Test No. 5 Date 6-10-14
 Company Lario Engineering Elevation 2883 KB 2875 GL
 Address 562 W. State Rd #4 - Omitz, KS 67564
 Co. Rep / Geo. Vern Schrag Rig HD #3
 Location: Sec. 22 Twp. 18-5 Rge. 30-W Co. Lane State KS

Interval Tested 4468-4565 Zone Tested Chero Kee
 Anchor Length 97' Drill Pipe Run 4330' Mud Wt. 9.1
 Top Packer Depth 4464 Drill Collars Run 124 Vis 57
 Bottom Packer Depth 4468 Wt. Pipe Run 16 WL 8.0
 Total Depth 4565 Chlorides 3500 ppm System LCM # 1

Blow Description IF: 2 in. Blow
ISF: No Return
FF: Weak surface Blow - Died in 3 min.
FSI: No Return

Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec <u>00</u>	Feet of <u>mud</u>	%gas	%oil	%water <u>100</u>	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 60 BHT 116 Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic <u>2293</u>	<input checked="" type="checkbox"/> Test <u>1250</u>	T-On Location <u>04:37</u>
(B) First Initial Flow <u>56</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>04:47</u>
(C) First Final Flow <u>57</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>06:51</u>
(D) Initial Shut-In <u>281</u>	<input checked="" type="checkbox"/> Circ Sub <u>N/C</u>	T-Pulled <u>07:56</u>
(E) Second Initial Flow <u>57</u>	<input type="checkbox"/> Hourly Standby _____	T-Out <u>09:58</u>
(F) Second Final Flow <u>58</u>	<input checked="" type="checkbox"/> Mileage <u>37 x 2 - RT</u>	Comments <u>loaded 6-10-14 @</u>
(G) Final Shut-In <u>319</u>	<input type="checkbox"/> Sampler _____	<u>18:00 on loc. 2</u>
(H) Final Hydrostatic <u>2229</u>	<input type="checkbox"/> Straddle _____	<u>17:50</u>

Initial Open <u>5</u>	<input checked="" type="checkbox"/> Shale Packer <u>250</u>	<input type="checkbox"/> Ruined Shale Packer _____
Initial Shut-In <u>15</u>	<input type="checkbox"/> Extra Packer _____	<input type="checkbox"/> Ruined Packer _____
Final Flow <u>15</u>	<input type="checkbox"/> Extra Recorder _____	Sub Total <u>0</u>
Final Shut-In <u>30</u>	<input type="checkbox"/> Day Standby _____	Total <u>1939.70</u>
	<input type="checkbox"/> Accessibility _____	MP/DST Disc't _____
	Sub Total <u>1939.70</u>	

Approved By Vern Schrag Our Representative C. Alan

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