



DRILL STEM TEST REPORT

Prepared For: **Val Energy, Inc.**

125 Market St. Ste 1110
Wichita, KS 67202

ATTN: Tim Priest

GMK Kriss Unit #1-8

8-8s-35w Thomas,KS

Start Date: 2017.03.22 @ 03:11:00

End Date: 2017.03.22 @ 12:22:15

Job Ticket #: 63758 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2017.03.27 @ 14:53:55



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Val Energy, Inc.
 125 Market St. Ste 1110
 Wichita, KS 67202
 ATTN: Tim Priest

8-8s-35w Thomas,KS
GMK Kriss Unit #1-8
 Job Ticket: 63758 **DST#: 1**
 Test Start: 2017.03.22 @ 03:11:00

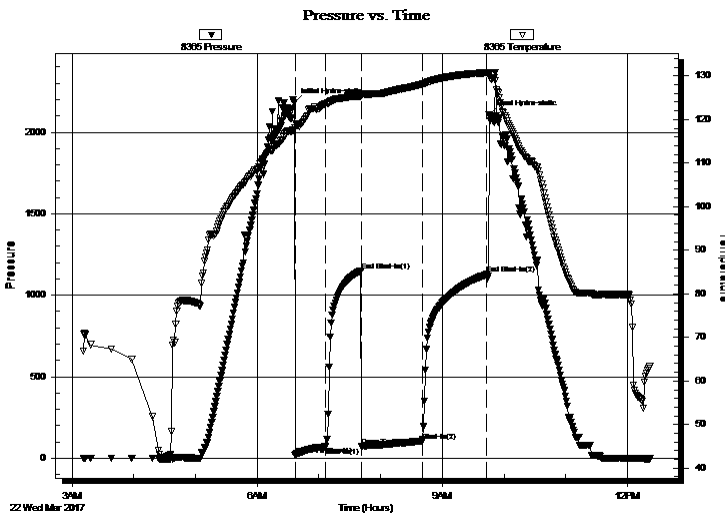
GENERAL INFORMATION:

Formation: **LKC H - J**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 06:36:45
 Time Test Ended: 12:22:15
 Interval: **4310.00 ft (KB) To 4390.00 ft (KB) (TVD)**
 Total Depth: 4390.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Bradley Walter
 Unit No: 78
 Reference Elevations: 3334.00 ft (KB)
 3329.00 ft (CF)
 KB to GR/CF: 5.00 ft

Serial #: 8365 **Inside**
 Press@RunDepth: 106.09 psig @ 4311.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2017.03.22 End Date: 2017.03.22 Last Calib.: 2017.03.22
 Start Time: 03:11:05 End Time: 12:22:15 Time On Btm: 2017.03.22 @ 06:35:45
 Time Off Btm: 2017.03.22 @ 09:45:30

TEST COMMENT: IF: 8 1/2" Blow.
 IS: Surface return.
 FF: BOB @ 29 min.
 FS: 1" return.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2179.50	117.65	Initial Hydro-static
1	19.66	118.20	Open To Flow (1)
31	69.49	123.60	Shut-In(1)
66	1150.42	125.40	End Shut-In(1)
66	75.18	125.66	Open To Flow (2)
125	106.09	128.10	Shut-In(2)
188	1128.47	130.73	End Shut-In(2)
190	2107.48	130.81	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
100.00	gocm 5g 20o 75m	0.49
150.00	gsmco 10g 5m 85o	1.92
0.00	240' GIP	0.00

Gas Rates

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



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Val Energy, Inc.
125 Market St. Ste 1110
Wichita, KS 67202
ATTN: Tim Priest

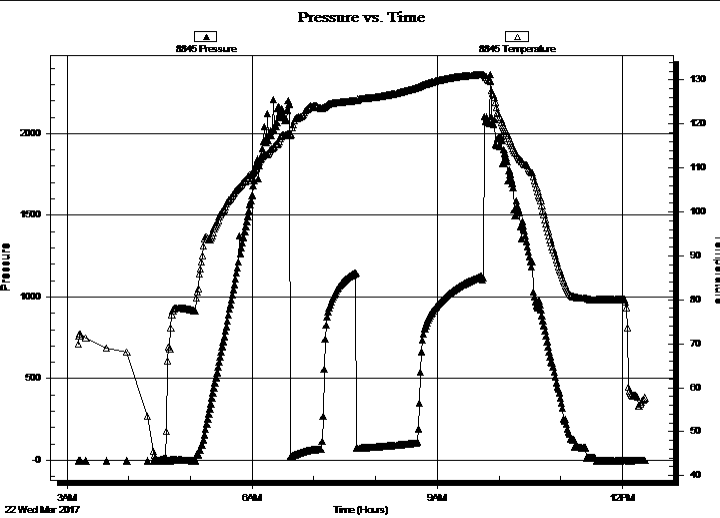
8-8s-35w Thomas, KS
GMK Kriss Unit #1-8
Job Ticket: 63758 DST#: 1
Test Start: 2017.03.22 @ 03:11:00

GENERAL INFORMATION:

Formation: LKC H - J	
Deviated: No Whipstock: ft (KB)	Test Type: Conventional Bottom Hole (Initial)
Time Tool Opened: 06:36:45	Tester: Bradley Walter
Time Test Ended: 12:22:15	Unit No: 78
Interval: 4310.00 ft (KB) To 4390.00 ft (KB) (TVD)	Reference Elevations: 3334.00 ft (KB)
Total Depth: 4390.00 ft (KB) (TVD)	3329.00 ft (CF)
Hole Diameter: 7.88 inches	Hole Condition: Good KB to GR/CF: 5.00 ft

Serial #: 8845	Outside	
Press@RunDepth: psig @ 4311.00 ft (KB)	Capacity: 8000.00 psig	
Start Date: 2017.03.22 End Date: 2017.03.22	Last Calib.: 2017.03.22	
Start Time: 03:11:05 End Time: 12:22:15	Time On Btm:	
	Time Off Btm:	

TEST COMMENT: IF: 8 1/2" Blow .
IS: Surface return.
FF: BOB @ 29 min.
FS: 1" return.



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

Recovery		
Length (ft)	Description	Volume (bbl)
100.00	gocm 5g 20o 75m	0.49
150.00	gsmco 10g 5m 85o	1.92
0.00	240' GIP	0.00

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Val Energy, Inc.

8-8s-35w Thomas,KS

125 Market St. Ste 1110
Wichita, KS 67202

GMK Kriss Unit #1-8

Job Ticket: 63758

DST#: 1

ATTN: Tim Priest

Test Start: 2017.03.22 @ 03:11:00

Tool Information

Drill Pipe:	Length: 4190.00 ft	Diameter: 3.80 inches	Volume: 58.77 bbl	Tool Weight: 2000.00 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: 69000.00 lb
			<u>Total Volume: 59.36 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	20.00 ft			String Weight: Initial 57000.00 lb
Depth to Top Packer:	4310.00 ft			Final 57000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	80.00 ft			
Tool Length:	100.00 ft			
Number of Packers:	2	Diameter: 6.65 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4291.00	
Shut In Tool	5.00			4296.00	
Hydraulic tool	5.00			4301.00	
Packer	5.00			4306.00	20.00 Bottom Of Top Packer
Packer	4.00			4310.00	
Stubb	1.00			4311.00	
Recorder	0.00	8365	Inside	4311.00	
Recorder	0.00	8845	Outside	4311.00	
Perforations	11.00			4322.00	
Change Over Sub	1.00			4323.00	
Drill Pipe	63.00			4386.00	
Change Over Sub	1.00			4387.00	
Bullnose	3.00			4390.00	80.00 Bottom Packers & Anchor

Total Tool Length: 100.00



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DRILL STEM TEST REPORT

FLUID SUMMARY

Val Energy, Inc.

8-8s-35w Thomas,KS

125 Market St. Ste 1110
Wichita, KS 67202

GMK Kriss Unit #1-8

Job Ticket: 63758

DST#: 1

ATTN: Tim Priest

Test Start: 2017.03.22 @ 03:11:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

21 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 56.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.99 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 5000.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
100.00	gocm 5g 20o 75m	0.492
150.00	gsmco 10g 5m 85o	1.922
0.00	240' GIP	0.000

Total Length: 250.00 ft Total Volume: 2.414 bbl

Num Fluid Samples: 0

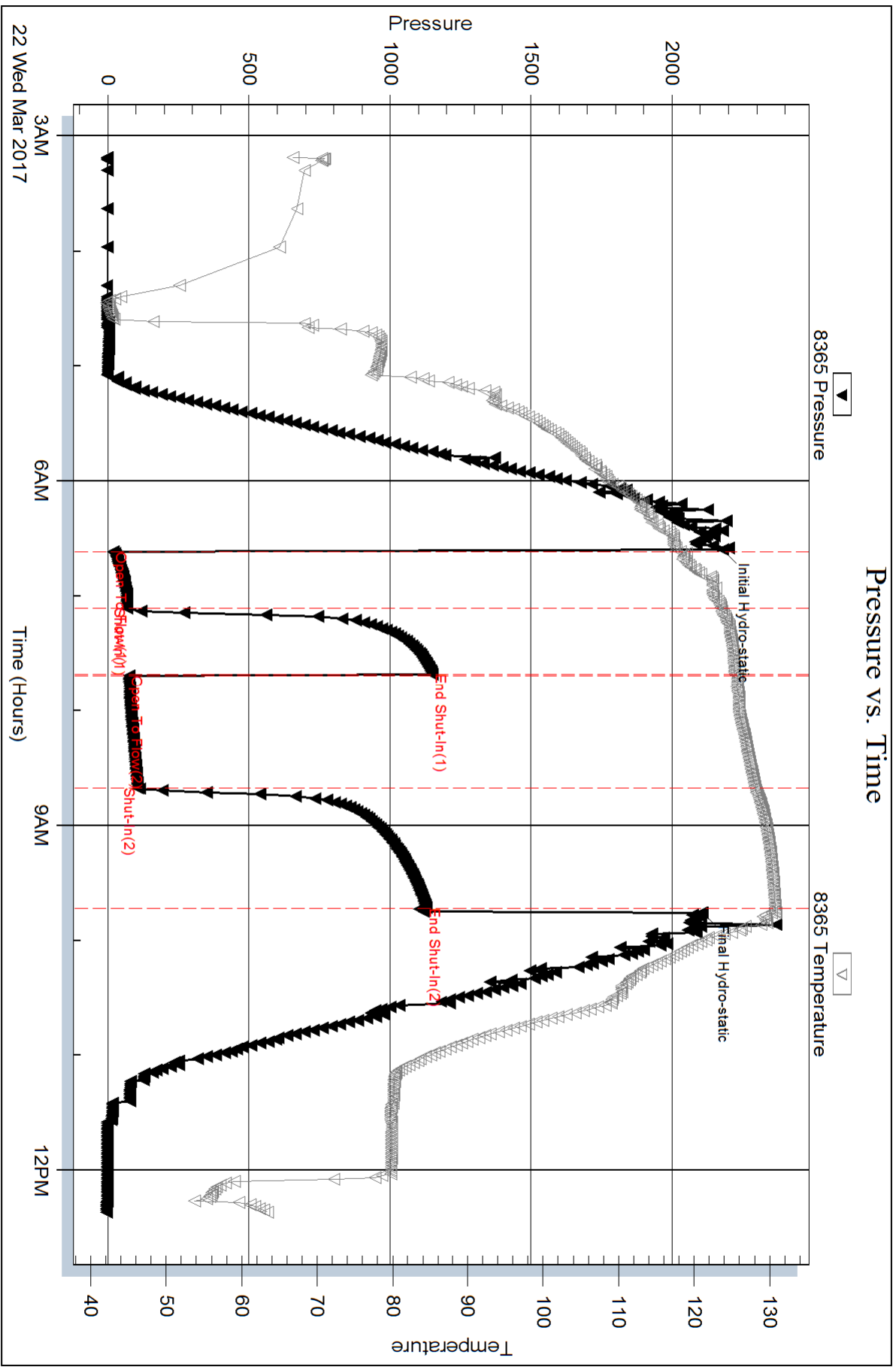
Num Gas Bombs: 0

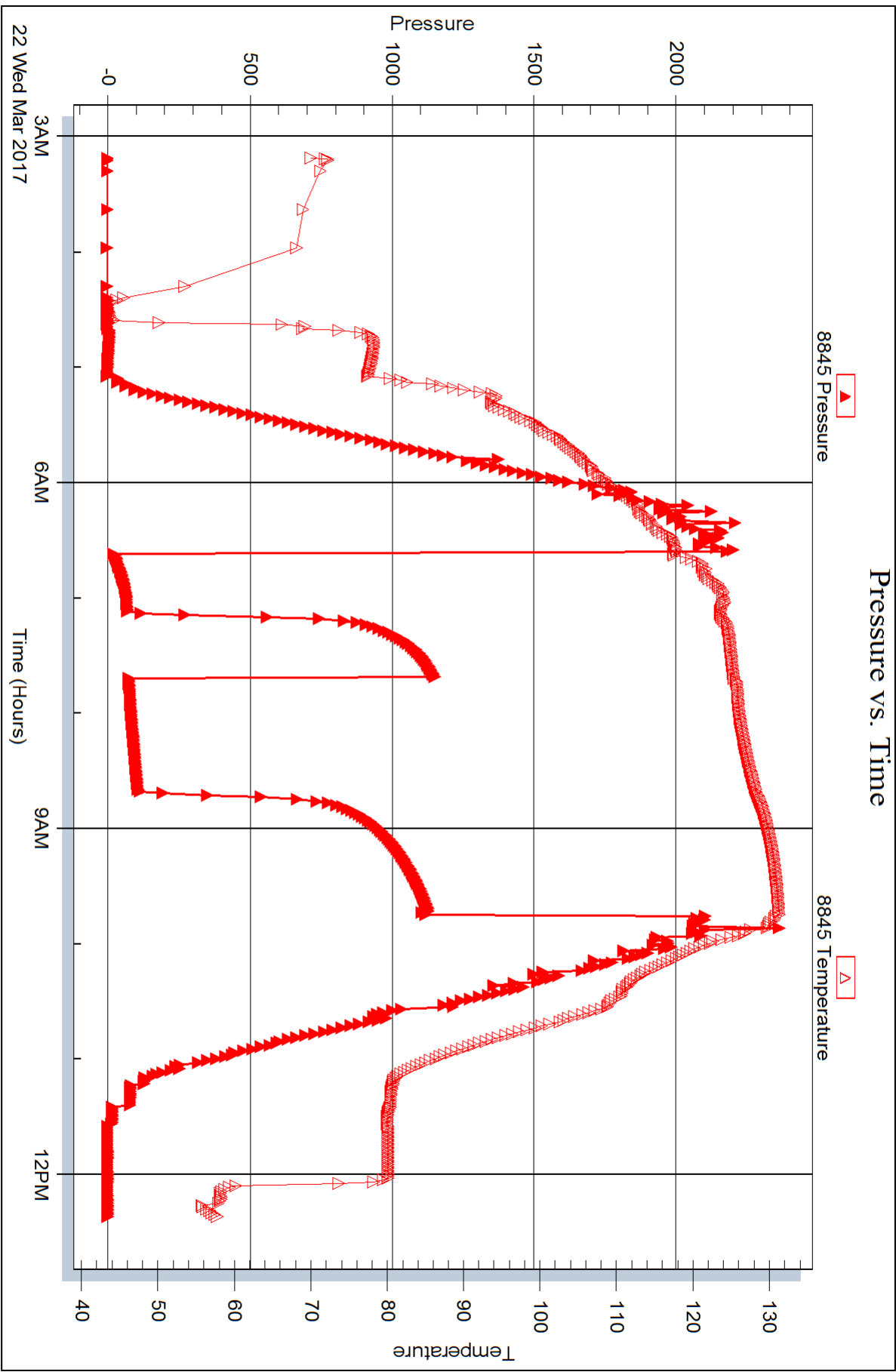
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:







DRILL STEM TEST REPORT

Prepared For: **Val Energy, Inc.**

125 Market St. Ste 1110
Wichita, KS 67202

ATTN: Tim Priest

GMK Kriss Unit #1-8

8-8s-35w Thomas,KS

Start Date: 2017.03.22 @ 18:30:00

End Date: 2017.03.23 @ 01:08:00

Job Ticket #: 63759 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

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**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Val Energy, Inc.
125 Market St. Ste 1110
Wichita, KS 67202
ATTN: Tim Priest

8-8s-35w Thomas,KS
GMK Kriss Unit #1-8
Job Ticket: 63759 **DST#: 2**
Test Start: 2017.03.22 @ 18:30:00

GENERAL INFORMATION:

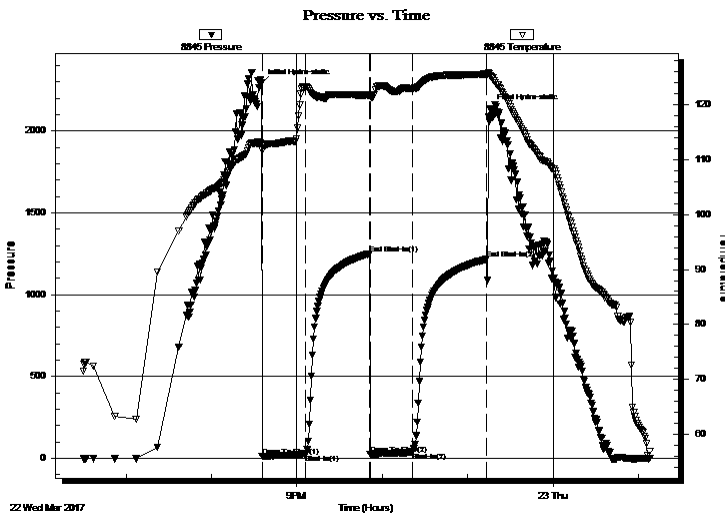
Formation: **LKC K**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 20:35:30
Time Test Ended: 01:08:00
Interval: **4386.00 ft (KB) To 4410.00 ft (KB) (TVD)**
Total Depth: 4410.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good
Test Type: Conventional Bottom Hole (Reset)
Tester: Bradley Walter
Unit No: 78
Reference Elevations: 3334.00 ft (KB)
3329.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 8845 Outside

Press@RunDepth: 36.33 psig @ 4387.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2017.03.22 End Date: 2017.03.23 Last Calib.: 2017.03.23
Start Time: 18:30:05 End Time: 01:07:59 Time On Btm: 2017.03.22 @ 20:35:15
Time Off Btm: 2017.03.22 @ 23:16:00

TEST COMMENT: IF: 2" Blow.
IS: No return.
FF: 1" Blow.
FS: Surface return.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2291.11	112.94	Initial Hydro-static
1	13.14	111.71	Open To Flow (1)
31	24.09	123.32	Shut-In(1)
76	1251.34	121.72	End Shut-In(1)
77	26.92	121.49	Open To Flow (2)
106	36.33	122.95	Shut-In(2)
158	1217.27	125.56	End Shut-In(2)
161	2137.19	125.29	Final Hydro-static

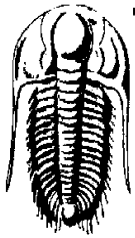
Recovery

Length (ft)	Description	Volume (bbl)
60.00	gsocm 5g 2o 93m	0.30

* Recovery from multiple tests

Gas Rates

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



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Val Energy, Inc.
125 Market St. Ste 1110
Wichita, KS 67202
ATTN: Tim Priest

8-8s-35w Thomas,KS
GMK Kriss Unit #1-8
Job Ticket: 63759 **DST#: 2**
Test Start: 2017.03.22 @ 18:30:00

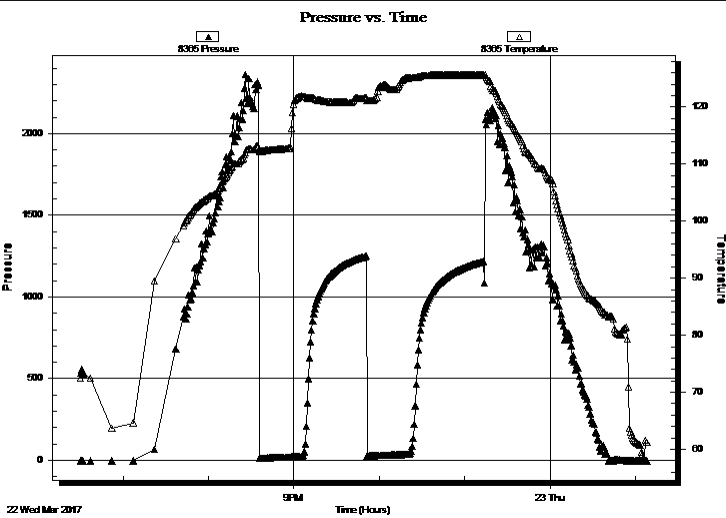
GENERAL INFORMATION:

Formation: **LKC K**
 Deviated: No Whipstock: ft (KB) Test Type: Conventional Bottom Hole (Reset)
 Time Tool Opened: 20:35:30 Tester: Bradley Walter
 Time Test Ended: 01:08:00 Unit No: 78

Interval: 4386.00 ft (KB) To 4410.00 ft (KB) (TVD) Reference Elevations: 3334.00 ft (KB)
 Total Depth: 4410.00 ft (KB) (TVD) 3329.00 ft (CF)
 Hole Diameter: 7.88 inchesHole Condition: Good KB to GR/CF: 5.00 ft

Serial #: 8365 Inside
 Press@RunDepth: psig @ 4387.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2017.03.22 End Date: 2017.03.23 Last Calib.: 1899.12.30
 Start Time: 18:30:05 End Time: 01:07:59 Time On Btm:
 Time Off Btm:

TEST COMMENT: IF: 2" Blow.
IS: No return.
FF: 1" Blow.
FS: Surface return.



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
60.00	gsocm 5g 2o 93m	0.30

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Val Energy, Inc.

8-8s-35w Thomas,KS

125 Market St. Ste 1110
Wichita, KS 67202

GMK Kriss Unit #1-8

Job Ticket: 63759

DST#: 2

ATTN: Tim Priest

Test Start: 2017.03.22 @ 18:30:00

Tool Information

Drill Pipe:	Length: 4250.00 ft	Diameter: 3.80 inches	Volume: 59.62 bbl	Tool Weight: 2000.00 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: 75000.00 lb
			<u>Total Volume: 60.21 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	4.00 ft			String Weight: Initial 58000.00 lb
Depth to Top Packer:	4386.00 ft			Final 58000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	24.00 ft			
Tool Length:	44.00 ft			
Number of Packers:	2	Diameter: 6.65 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Change Over Sub	1.00			4367.00	
Shut In Tool	5.00			4372.00	
Hydraulic tool	5.00			4377.00	
Packer	5.00			4382.00	20.00 Bottom Of Top Packer
Packer	4.00			4386.00	
Stubb	1.00			4387.00	
Recorder	0.00	8365	Inside	4387.00	
Recorder	0.00	8845	Outside	4387.00	
Perforations	20.00			4407.00	
Bullnose	3.00			4410.00	24.00 Bottom Packers & Anchor
Total Tool Length:	44.00				



**TRILOBITE
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DRILL STEM TEST REPORT

FLUID SUMMARY

Val Energy, Inc.

8-8s-35w Thomas,KS

125 Market St. Ste 1110
Wichita, KS 67202

GMK Kriss Unit #1-8

Job Ticket: 63759

DST#: 2

ATTN: Tim Priest

Test Start: 2017.03.22 @ 18:30:00

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: 48.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.99 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 6000.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	gsocm 5g 2o 93m	0.295

Total Length: 60.00 ft Total Volume: 0.295 bbl

Num Fluid Samples: 0

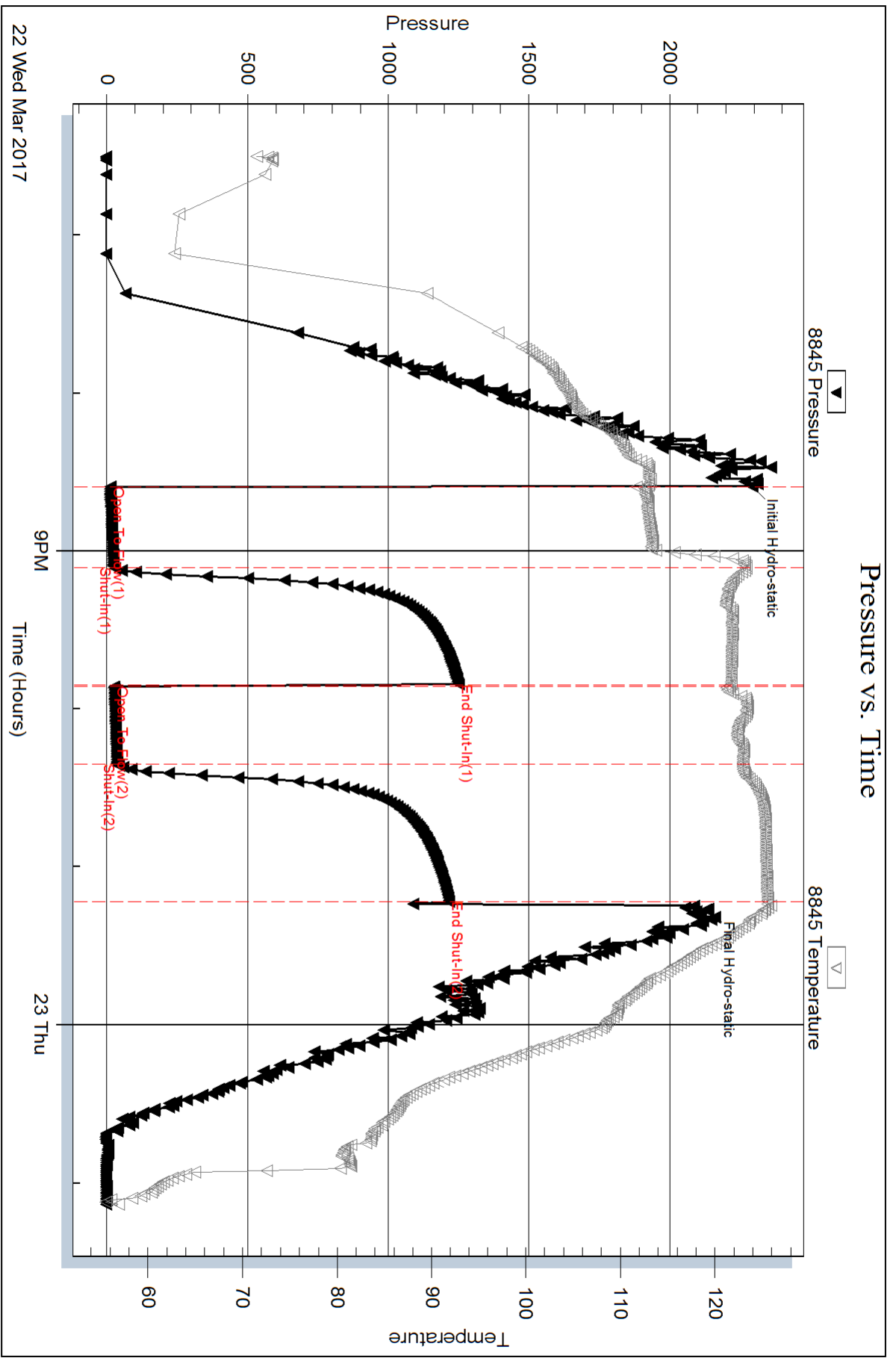
Num Gas Bombs: 0

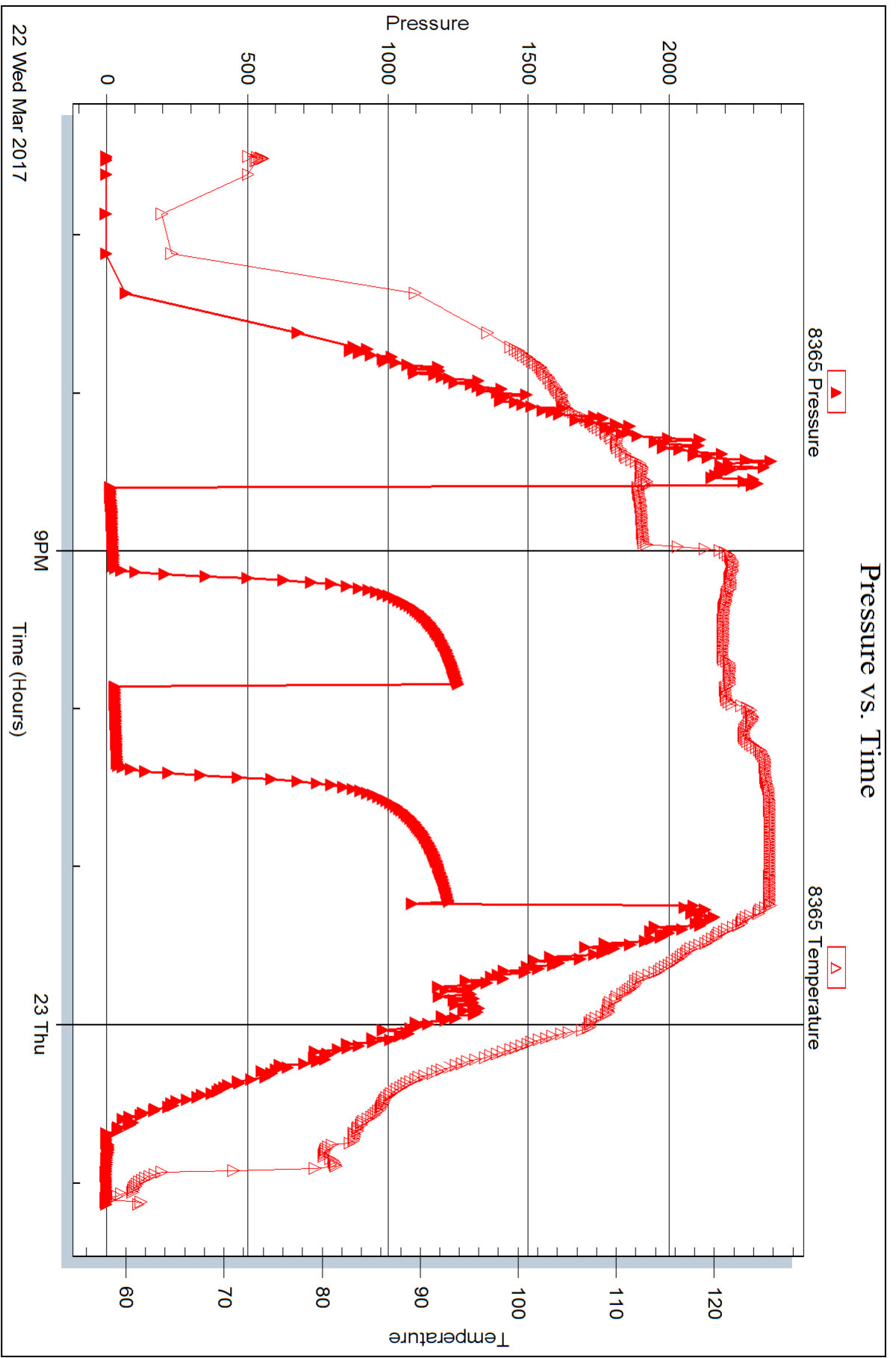
Serial #:

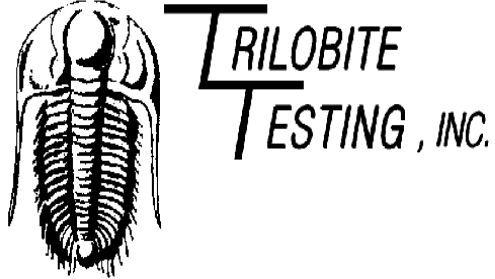
Laboratory Name:

Laboratory Location:

Recovery Comments:







DRILL STEM TEST REPORT

Prepared For: **Val Energy, Inc.**

125 Market St. Ste 1110
Wichita, KS 67202

ATTN: Tim Priest

GMK Kriss Unit #1-8

8-8s-35w Thomas,KS

Start Date: 2017.03.23 @ 16:58:00

End Date: 2017.03.24 @ 04:30:30

Job Ticket #: 63760 DST #: 3

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

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TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Val Energy, Inc.
 125 Market St. Ste 1110
 Wichita, KS 67202
 ATTN: Tim Priest

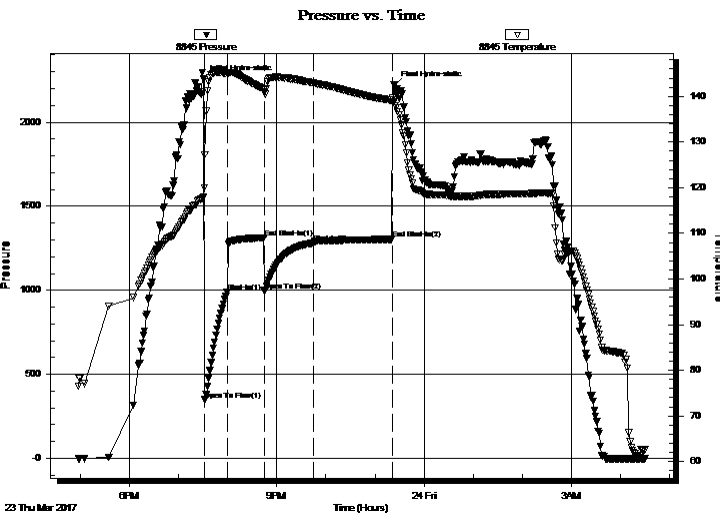
8-8s-35w Thomas,KS
GMK Kriss Unit #1-8
 Job Ticket: 63760 **DST#: 3**
 Test Start: 2017.03.23 @ 16:58:00

GENERAL INFORMATION:

Formation: **Marmaton**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 19:31:30
 Time Test Ended: 04:30:30
 Interval: **4482.00 ft (KB) To 4540.00 ft (KB) (TVD)**
 Total Depth: 4540.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Bradley Walter
 Unit No: 78
 Reference Elevations: 3334.00 ft (KB)
 3329.00 ft (CF)
 KB to GR/CF: 5.00 ft

Serial #: 8845 Outside
 Press@RunDepth: 1281.76 psig @ 4483.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2017.03.23 End Date: 2017.03.24 Last Calib.: 2017.03.24
 Start Time: 16:58:05 End Time: 04:30:30 Time On Btm: 2017.03.23 @ 19:30:45
 Time Off Btm: 2017.03.23 @ 23:23:15

TEST COMMENT: IF: BOB @ 30 sec.
 IS: BOB @ 4 min. Gas to surface.
 FF: BOB @ open.
 FSI 1" return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2256.71	117.86	Initial Hydro-static
1	348.62	119.99	Open To Flow (1)
29	989.92	144.97	Shut-In(1)
74	1312.71	141.58	End Shut-In(1)
75	996.53	141.46	Open To Flow (2)
135	1281.76	142.86	Shut-In(2)
230	1303.80	139.12	End Shut-In(2)
233	2221.03	138.92	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
150.00	gocm 20g 30o 50m	1.01
3300.00	go 30g 70o	46.29
0.00	GTS	0.00

* Recovery from multiple tests

Gas Rates

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



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Val Energy, Inc.
 125 Market St. Ste 1110
 Wichita, KS 67202
 ATTN: Tim Priest

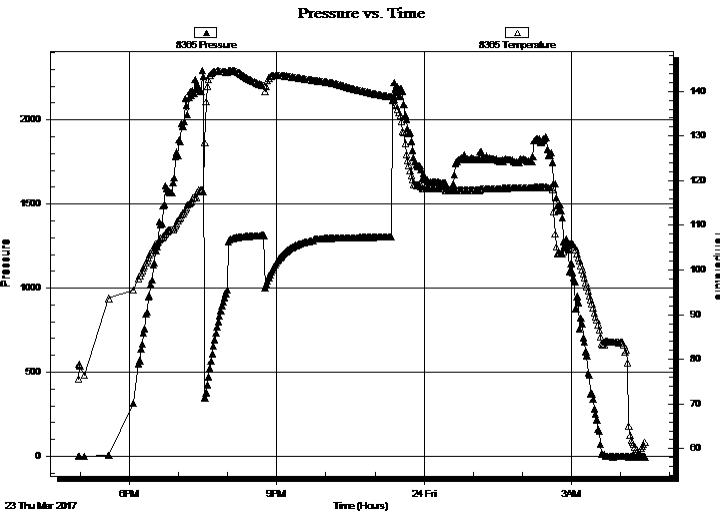
8-8s-35w Thomas,KS
GMK Kriss Unit #1-8
 Job Ticket: 63760 **DST#: 3**
 Test Start: 2017.03.23 @ 16:58:00

GENERAL INFORMATION:

Formation: **Marmaton**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Reset)
 Time Tool Opened: 19:31:30
 Tester: Bradley Walter
 Time Test Ended: 04:30:30
 Unit No: 78
Interval: 4482.00 ft (KB) To 4540.00 ft (KB) (TVD)
 Reference Elevations: 3334.00 ft (KB)
 Total Depth: 4540.00 ft (KB) (TVD) 3329.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Good
 KB to GR/CF: 5.00 ft

Serial #: 8365 Inside
 Press@RunDepth: psig @ 4483.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2017.03.23 End Date: 2017.03.24 Last Calib.: 2017.03.24
 Start Time: 16:58:05 End Time: 04:30:30 Time On Btm:
 Time Off Btm:

TEST COMMENT: IF: BOB @ 30 sec.
 IS: BOB @ 4 min. Gas to surface.
 FF: BOB @ open.
 FSI 1" return.



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

Recovery		
Length (ft)	Description	Volume (bbl)
150.00	gocm 20g 30o 50m	1.01
3300.00	go 30g 70o	46.29
0.00	GTS	0.00

* Recovery from multiple tests

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Val Energy, Inc.

8-8s-35w Thomas,KS

125 Market St. Ste 1110
Wichita, KS 67202

GMK Kriss Unit #1-8

Job Ticket: 63760

DST#: 3

ATTN: Tim Priest

Test Start: 2017.03.23 @ 16:58:00

Tool Information

Drill Pipe:	Length: 4346.00 ft	Diameter: 3.80 inches	Volume: 60.96 bbl	Tool Weight: 2000.00 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: 90000.00 lb
			<u>Total Volume: 61.55 bbl</u>	Tool Chased 2.00 ft
Drill Pipe Above KB:	4.00 ft			String Weight: Initial 60000.00 lb
Depth to Top Packer:	4482.00 ft			Final 67000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	58.00 ft			
Tool Length:	78.00 ft			
Number of Packers:	2	Diameter: 6.65 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4463.00	
Shut In Tool	5.00			4468.00	
Hydraulic tool	5.00			4473.00	
Packer	5.00			4478.00	20.00 Bottom Of Top Packer
Packer	4.00			4482.00	
Stubb	1.00			4483.00	
Recorder	0.00	8365	Inside	4483.00	
Recorder	0.00	8845	Outside	4483.00	
Perforations	21.00			4504.00	
Change Over Sub	1.00			4505.00	
Drill Pipe	31.00			4536.00	
Change Over Sub	1.00			4537.00	
Bullnose	3.00			4540.00	58.00 Bottom Packers & Anchor

Total Tool Length: 78.00



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TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Val Energy, Inc.

8-8s-35w Thomas,KS

125 Market St. Ste 1110
Wichita, KS 67202

GMK Kriss Unit #1-8

Job Ticket: 63760

DST#: 3

ATTN: Tim Priest

Test Start: 2017.03.23 @ 16:58:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

39 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 52.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.98 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 5000.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
150.00	gocm 20g 30o 50m	1.011
3300.00	go 30g 70o	46.290
0.00	GTS	0.000

Total Length: 3450.00 ft

Total Volume: 47.301 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

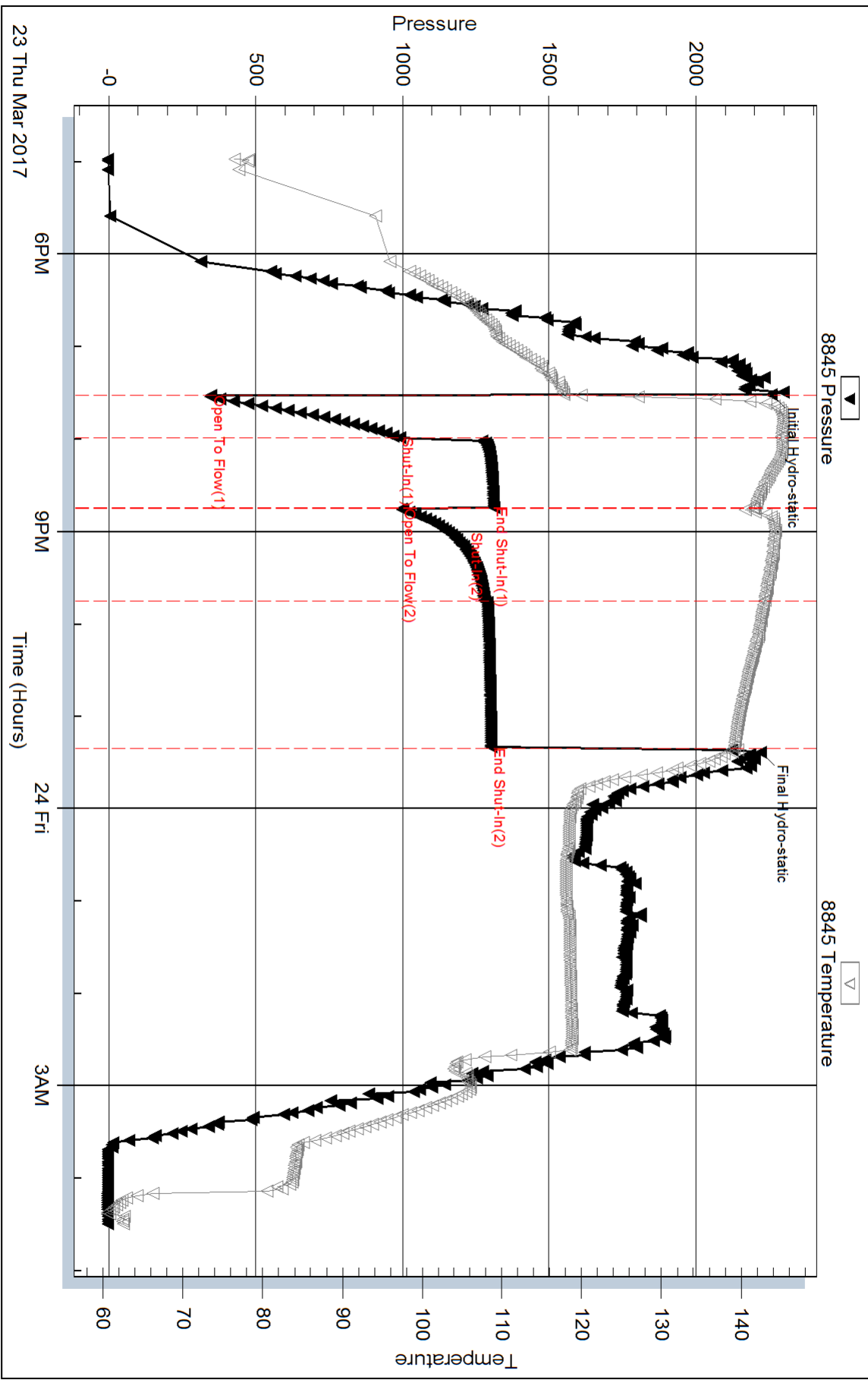
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time



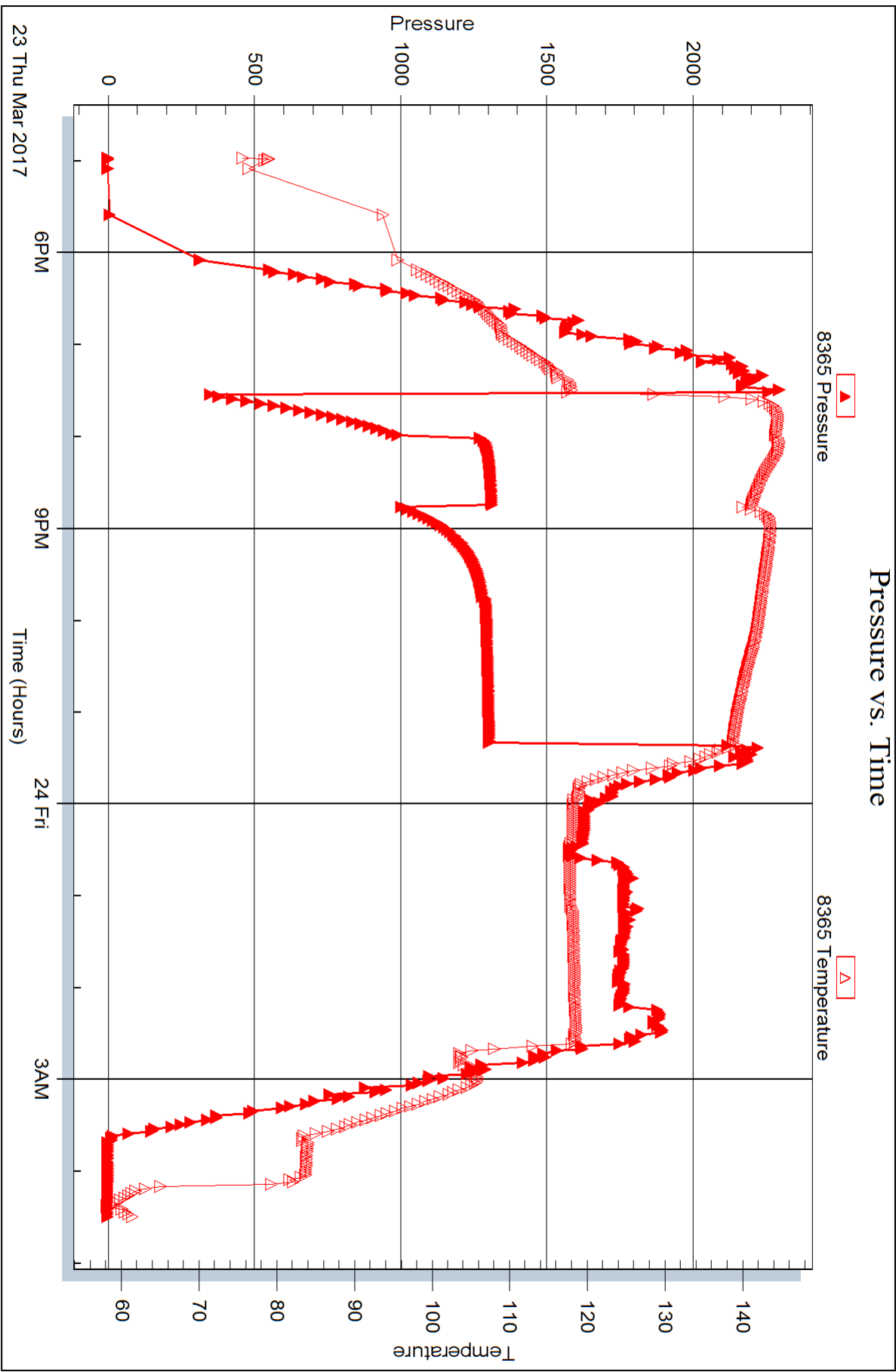
Serial #: 8365

Inside

Val Energy, Inc.

GMK Kriss Unit #1-8

DST Test Number: 3





DRILL STEM TEST REPORT

Prepared For: **Val Energy, Inc.**

125 Market St. Ste 1110
Wichita, KS 67202

ATTN: Tim Priest

GMK Kriss Unit #1-8

8-8s-35w Thomas,KS

Start Date: 2017.03.24 @ 12:09:00

End Date: 2017.03.24 @ 22:07:00

Job Ticket #: 63761 DST #: 4

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2017.03.27 @ 14:50:34



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Val Energy, Inc.
125 Market St. Ste 1110
Wichita, KS 67202
ATTN: Tim Priest

8-8s-35w Thomas,KS
GMK Kriss Unit #1-8
Job Ticket: 63761 **DST#: 4**
Test Start: 2017.03.24 @ 12:09:00

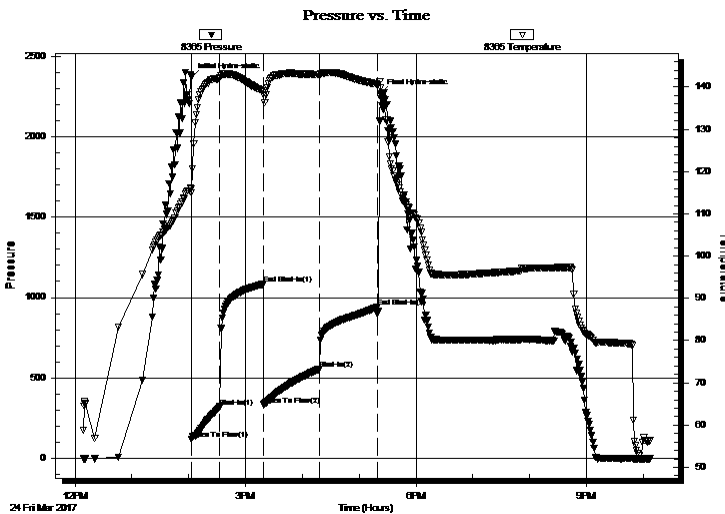
GENERAL INFORMATION:

Formation: **Pawnee**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 14:03:00
Time Test Ended: 22:07:00
Interval: **4532.00 ft (KB) To 4590.00 ft (KB) (TVD)**
Total Depth: 4590.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good
Test Type: Conventional Bottom Hole (Reset)
Tester: Bradley Walter
Unit No: 78
Reference Elevations: 3334.00 ft (KB)
3329.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 8365 **Inside**
Press@RunDepth: 553.87 psig @ 4533.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2017.03.24 End Date: 2017.03.24 Last Calib.: 2017.03.24
Start Time: 12:09:05 End Time: 22:07:00 Time On Btm: 2017.03.24 @ 14:02:45
Time Off Btm: 2017.03.24 @ 17:22:15

TEST COMMENT: IF: BOB @ 2 min.
IS: BOB @ 7 min. Gas to surface.
FF: BOB @ open.
FSI: 7" return.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2369.07	115.95	Initial Hydro-static
1	118.37	115.02	Open To Flow (1)
31	319.96	142.22	Shut-In(1)
76	1082.46	139.04	End Shut-In(1)
77	332.94	138.22	Open To Flow (2)
136	553.87	142.99	Shut-In(2)
197	941.33	140.65	End Shut-In(2)
200	2265.02	139.77	Final Hydro-static

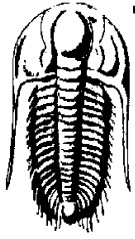
Recovery

Length (ft)	Description	Volume (bbl)
180.00	gmco 15g 30m 55o	1.43
1670.00	go 35g 65o	23.43
0.00	GTS	0.00

* Recovery from multiple tests

Gas Rates

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



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Val Energy, Inc.

8-8s-35w Thomas,KS

125 Market St. Ste 1110
Wichita, KS 67202

GMK Kriss Unit #1-8

Job Ticket: 63761 **DST#: 4**

ATTN: Tim Priest

Test Start: 2017.03.24 @ 12:09:00

GENERAL INFORMATION:

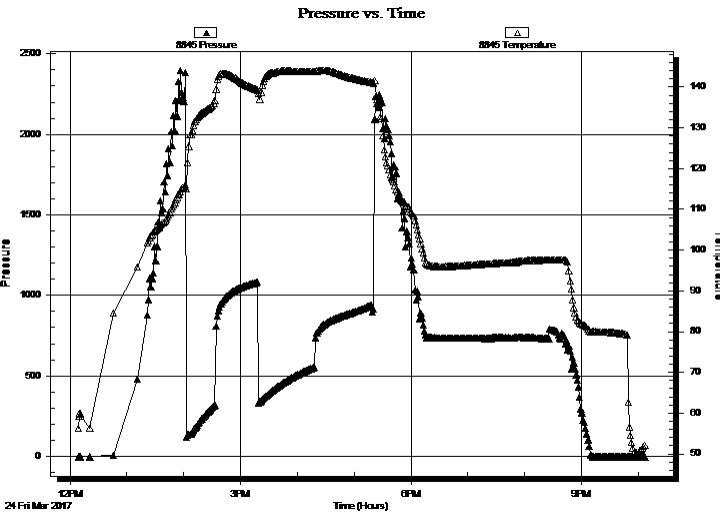
Formation:	Pawnee			Test Type:	Conventional Bottom Hole (Reset)
Deviated:	No Whipstock:	ft (KB)		Tester:	Bradley Walter
Time Tool Opened:	14:03:00			Unit No:	78
Time Test Ended:	22:07:00				
Interval:	4532.00 ft (KB) To 4590.00 ft (KB) (TVD)			Reference Elevations:	3334.00 ft (KB)
Total Depth:	4590.00 ft (KB) (TVD)				3329.00 ft (CF)
Hole Diameter:	7.88 inches	Hole Condition:	Good	KB to GR/CF:	5.00 ft

Serial #: 8845

Outside

Press@RunDepth:	psig @	4533.00 ft (KB)	Capacity:	8000.00 psig	
Start Date:	2017.03.24	End Date:	2017.03.24	Last Calib.:	1899.12.30
Start Time:	12:09:05	End Time:	22:07:00	Time On Btm:	
				Time Off Btm:	

TEST COMMENT: IF: BOB @ 2 min.
 IS: BOB @ 7 min. Gas to surface.
 FF: BOB @ open.
 FS: 7" return.



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
180.00	gmco 15g 30m 55o	1.43
1670.00	go 35g 65o	23.43
0.00	GTS	0.00

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Val Energy, Inc.

8-8s-35w Thomas,KS

125 Market St. Ste 1110
Wichita, KS 67202

GMK Kriss Unit #1-8

Job Ticket: 63761

DST#: 4

ATTN: Tim Priest

Test Start: 2017.03.24 @ 12:09:00

Tool Information

Drill Pipe:	Length: 4410.00 ft	Diameter: 3.80 inches	Volume: 61.86 bbl	Tool Weight: 2000.00 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: 75000.00 lb
			<u>Total Volume: 62.45 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	18.00 ft			String Weight: Initial 60000.00 lb
Depth to Top Packer:	4532.00 ft			Final 64000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	58.00 ft			
Tool Length:	78.00 ft			
Number of Packers:	2	Diameter: 6.65 inches		
Tool Comments:				

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4513.00	
Shut In Tool	5.00			4518.00	
Hydraulic tool	5.00			4523.00	
Packer	5.00			4528.00	20.00 Bottom Of Top Packer
Packer	4.00			4532.00	
Stubb	1.00			4533.00	
Recorder	0.00	8365	Inside	4533.00	
Recorder	0.00	8845	Outside	4533.00	
Perforations	21.00			4554.00	
Change Over Sub	1.00			4555.00	
Drill Pipe	31.00			4586.00	
Change Over Sub	1.00			4587.00	
Bullnose	3.00			4590.00	58.00 Bottom Packers & Anchor

Total Tool Length: 78.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Val Energy, Inc.

8-8s-35w Thomas,KS

125 Market St. Ste 1110
Wichita, KS 67202

GMK Kriss Unit #1-8

Job Ticket: 63761

DST#: 4

ATTN: Tim Priest

Test Start: 2017.03.24 @ 12:09:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

40 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 59.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.59 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 8000.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
180.00	gmco 15g 30m 55o	1.432
1670.00	go 35g 65o	23.426
0.00	GTS	0.000

Total Length: 1850.00 ft Total Volume: 24.858 bbl

Num Fluid Samples: 0

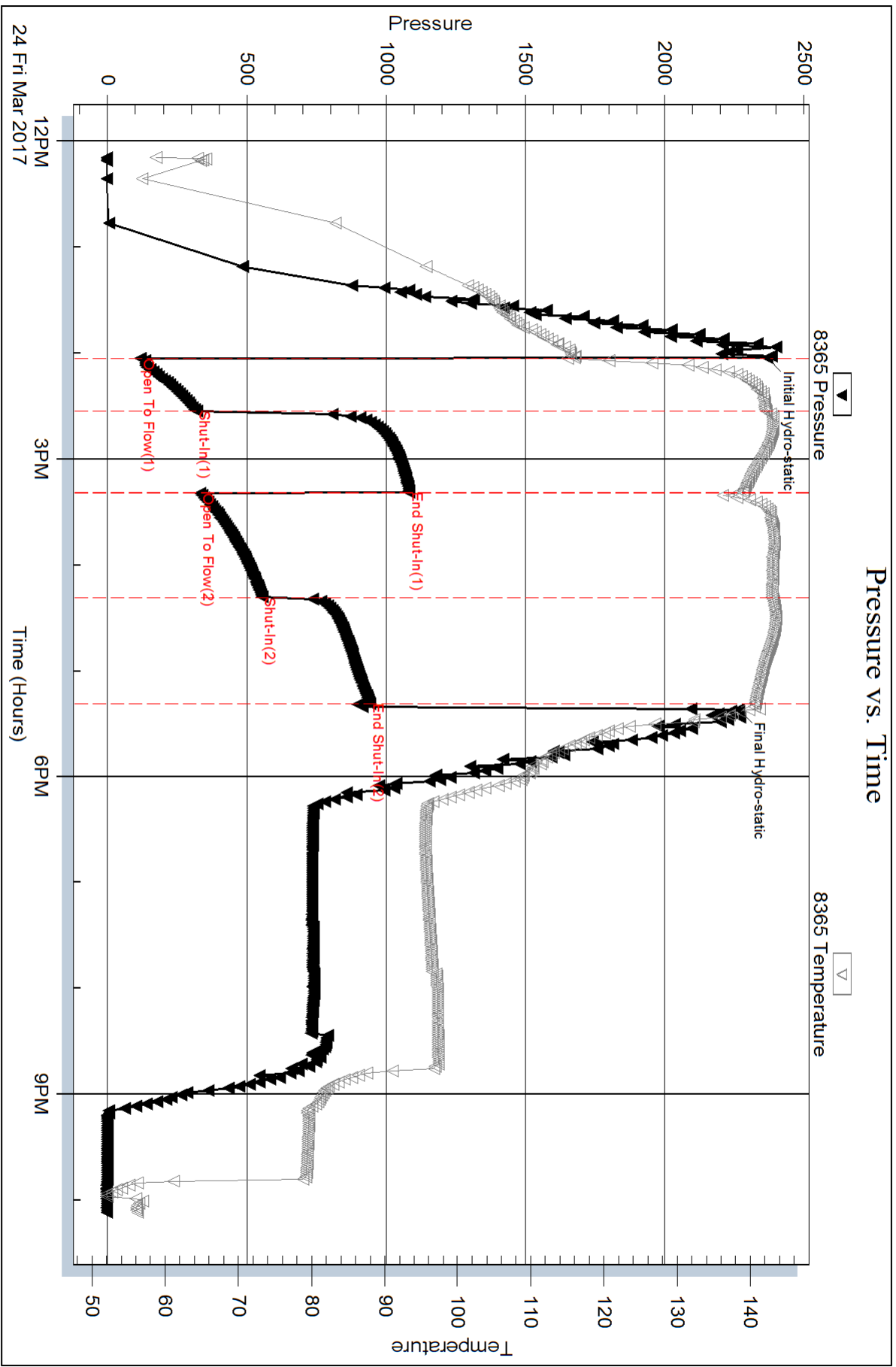
Num Gas Bombs: 0

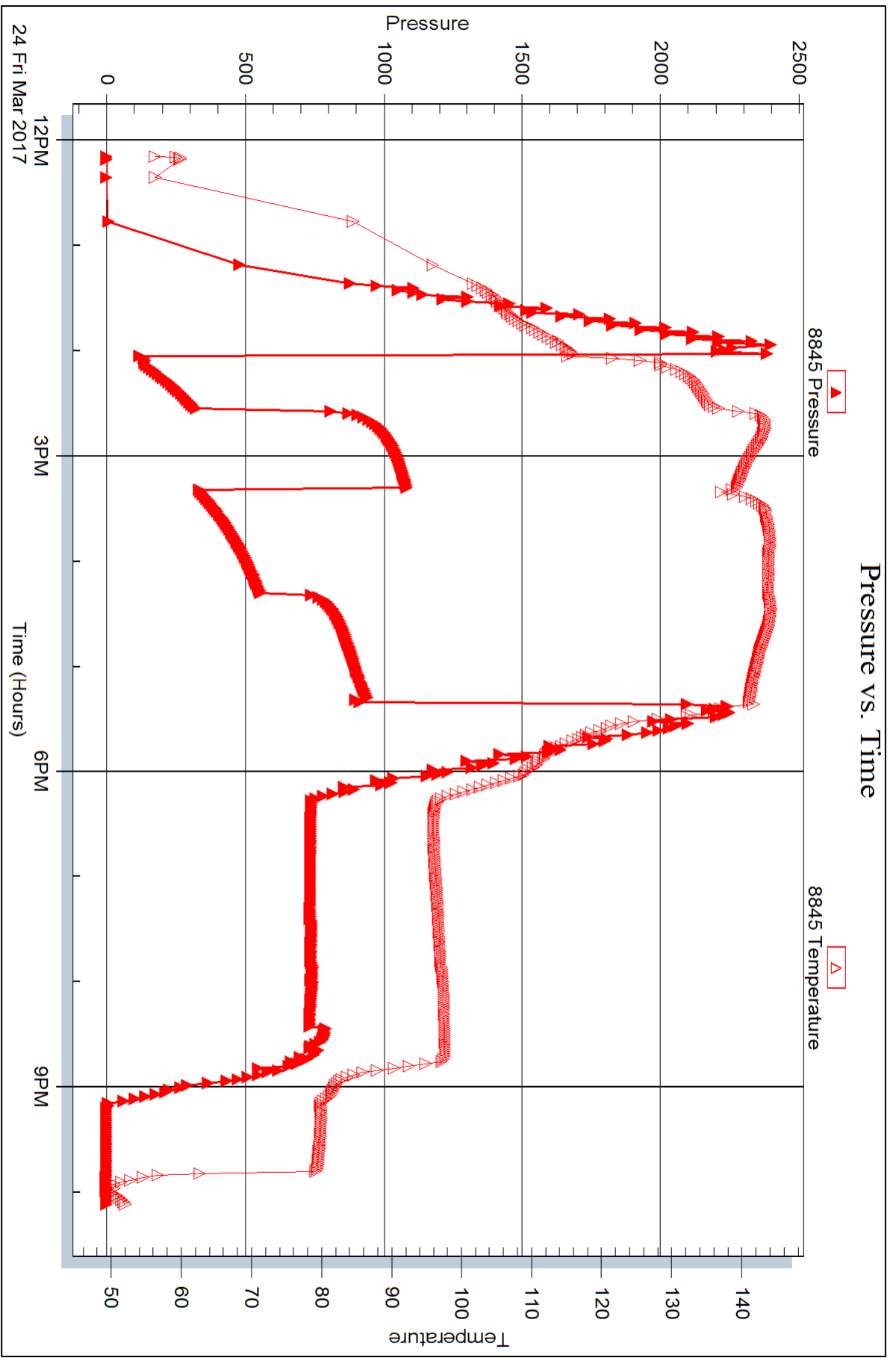
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:







DRILL STEM TEST REPORT

Prepared For: **Val Energy, Inc.**

125 Market St. Ste 1110
Wichita, KS 67202

ATTN: Tim Priest

GMK Kriss Unit #1-8

8-8s-35w Thomas,KS

Start Date: 2017.03.24 @ 22:57:00

End Date: 2017.03.25 @ 08:10:45

Job Ticket #: 63762 DST #: 5

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

Printed: 2017.03.27 @ 14:50:03



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Val Energy, Inc.
 125 Market St. Ste 1110
 Wichita, KS 67202
 ATTN: Tim Priest

8-8s-35w Thomas,KS
GMK Kriss Unit #1-8
 Job Ticket: 63762 **DST#: 5**
 Test Start: 2017.03.24 @ 22:57:00

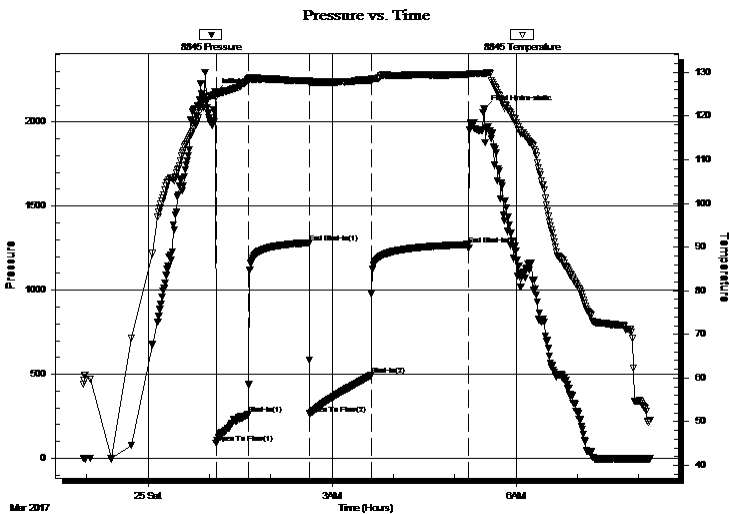
GENERAL INFORMATION:

Formation: **Upper LKC**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Reset)
 Time Tool Opened: 01:06:45 Tester: Bradley Walter
 Time Test Ended: 08:10:45 Unit No: 78
 Interval: **4106.00 ft (KB) To 4226.00 ft (KB) (TVD)** Reference Elevations: 3334.00 ft (KB)
 Total Depth: 4226.00 ft (KB) (TVD) 3329.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Good KB to GR/CF: 5.00 ft

Serial #: 8845 Inside
 Press@RunDepth: 493.73 psig @ 4107.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2017.03.24 End Date: 2017.03.25 Last Calib.: 2017.03.25
 Start Time: 22:57:05 End Time: 08:10:45 Time On Btm: 2017.03.25 @ 01:06:00
 Time Off Btm: 2017.03.25 @ 05:28:45

TEST COMMENT: IF: BOB @ 10 min.
 IS: No return.
 FF: BOB @ 11 min.
 FS: No return.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2175.81	124.98	Initial Hydro-static
1	87.53	124.46	Open To Flow (1)
33	262.06	128.41	Shut-In(1)
92	1282.49	128.11	End Shut-In(1)
92	264.89	127.76	Open To Flow (2)
153	493.73	128.23	Shut-In(2)
248	1272.13	129.52	End Shut-In(2)
263	2076.68	129.78	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
180.00	smcw 2m 98w	1.43
650.00	somcw 2o 40m 58w	9.12

* Recovery from multiple tests

Gas Rates

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



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Val Energy, Inc.
 125 Market St. Ste 1110
 Wichita, KS 67202
 ATTN: Tim Priest

8-8s-35w Thomas, KS
GMK Kriss Unit #1-8
 Job Ticket: 63762 **DST#: 5**
 Test Start: 2017.03.24 @ 22:57:00

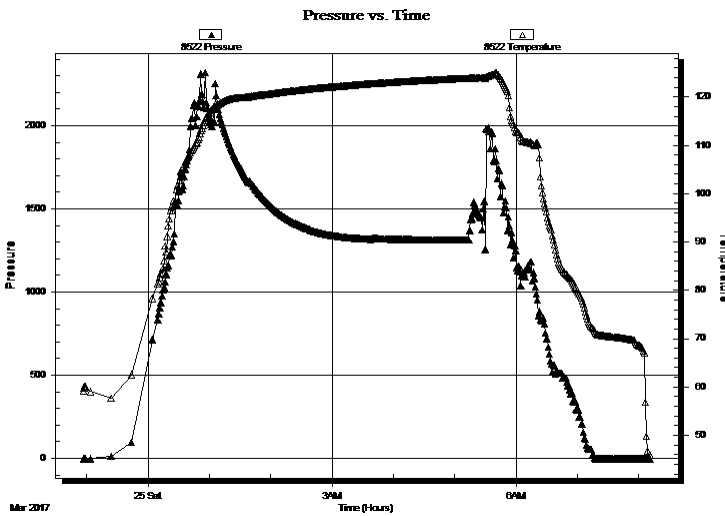
GENERAL INFORMATION:

Formation: **Upper LKC**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Reset)
 Time Tool Opened: 01:06:45 Tester: Bradley Walter
 Time Test Ended: 08:10:45 Unit No: 78
 Interval: **4106.00 ft (KB) To 4226.00 ft (KB) (TVD)** Reference Elevations: 3334.00 ft (KB)
 Total Depth: 4226.00 ft (KB) (TVD) 3329.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Good KB to GR/CF: 5.00 ft

Serial #: 8522 Below (Straddle)
 Press@RunDepth: psig @ 4238.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2017.03.24 End Date: 2017.03.25 Last Calib.: 2017.03.25
 Start Time: 22:57:05 End Time: 08:10:45 Time On Btm:
 Time Off Btm:

TEST COMMENT: IF: BOB @ 10 min.
 IS: No return.
 FF: BOB @ 11 min.
 FS: No return.

PRESSURE SUMMARY



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

Recovery

Length (ft)	Description	Volume (bbl)
180.00	smcw 2m 98w	1.43
650.00	somcw 2o 40m 58w	9.12

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Val Energy, Inc.
125 Market St. Ste 1110
Wichita, KS 67202
ATTN: Tim Priest

8-8s-35w Thomas, KS

GMK Kriss Unit #1-8

Job Ticket: 63762

DST#: 5

Test Start: 2017.03.24 @ 22:57:00

GENERAL INFORMATION:

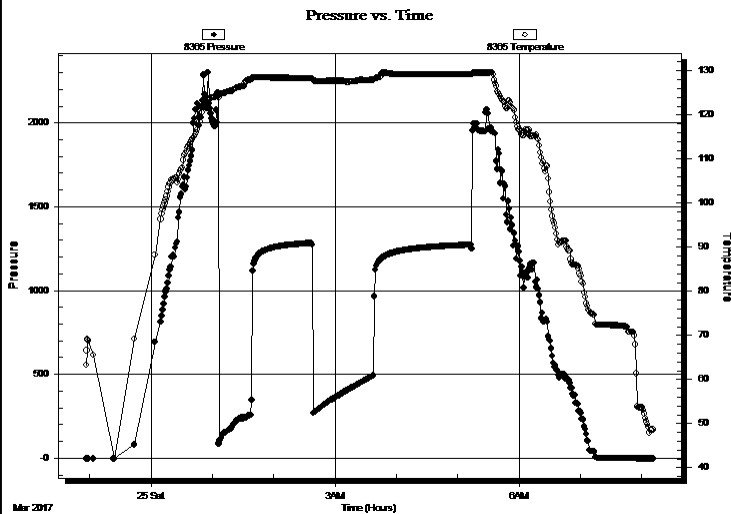
Formation: Upper LKC			
Deviated: No Whipstock:	ft (KB)	Test Type: Conventional Bottom Hole (Reset)	
Time Tool Opened: 01:06:45		Tester: Bradley Walter	
Time Test Ended: 08:10:45		Unit No: 78	
Interval: 4106.00 ft (KB) To 4226.00 ft (KB) (TVD)		Reference Elevations: 3334.00 ft (KB)	
Total Depth: 4226.00 ft (KB) (TVD)		3329.00 ft (CF)	
Hole Diameter: 7.88 inches	Hole Condition: Good	KB to GR/CF: 5.00 ft	

Serial #: 8365

Outside

Press@RunDepth: psig @ 4107.00 ft (KB)	Capacity: 8000.00 psig
Start Date: 2017.03.24	End Date: 2017.03.25
Start Time: 22:57:05	End Time: 08:10:45
	Last Calib.: 2017.03.25
	Time On Btm:
	Time Off Btm:

TEST COMMENT: IF: BOB @ 10 min.
IS: No return.
FF: BOB @ 11 min.
FS: No return.



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
180.00	smcw 2m 98w	1.43
650.00	somcw 2o 40m 58w	9.12

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Val Energy, Inc.

8-8s-35w Thomas,KS

125 Market St. Ste 1110
Wichita, KS 67202

GMK Kriss Unit #1-8

Job Ticket: 63762

DST#: 5

ATTN: Tim Priest

Test Start: 2017.03.24 @ 22:57:00

Tool Information

Drill Pipe:	Length: 3997.00 ft	Diameter: 3.80 inches	Volume: 56.07 bbl	Tool Weight: 2000.00 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: 95000.00 lb
			<u>Total Volume: 56.66 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	31.00 ft			String Weight: Initial 60000.00 lb
Depth to Top Packer:	4106.00 ft			Final 62000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	484.00 ft			
Tool Length:	504.00 ft			
Number of Packers:	2	Diameter: 6.65 inches		
Tool Comments:				

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4087.00	
Shut In Tool	5.00			4092.00	
Hydraulic tool	5.00			4097.00	
Packer	5.00			4102.00	20.00 Bottom Of Top Packer
Packer	4.00			4106.00	
Stubb	1.00			4107.00	
Recorder	0.00	8845	Inside	4107.00	
Recorder	0.00	8365	Outside	4107.00	
Perforations	2.00			4109.00	
Change Over Sub	1.00			4110.00	
Drill Pipe	95.00			4205.00	
Change Over Sub	1.00			4206.00	
Perforations	16.00			4222.00	
Blank Off Sub	1.00			4223.00	484.00 Tool Interval
Packer	3.00			4226.00	
Blank Spacing	1.00			4227.00	
Perforations	10.00			4237.00	
Change Over Sub	1.00			4238.00	
Recorder	0.00	8522	Below	4238.00	
Drill Pipe	348.00			4586.00	
Change Over Sub	1.00			4587.00	
Bullnose	3.00			4590.00	1000503.00 Bottom Packers & Anchor

Total Tool Length: 504.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Val Energy, Inc.

8-8s-35w Thomas,KS

125 Market St. Ste 1110
Wichita, KS 67202

GMK Kriss Unit #1-8

Job Ticket: 63762

DST#: 5

ATTN: Tim Priest

Test Start: 2017.03.24 @ 22:57:00

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:

41000 ppm

Viscosity: 56.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.99 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 5000.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
180.00	smcw 2m 98w	1.432
650.00	somcw 2o 40m 58w	9.118

Total Length: 830.00 ft Total Volume: 10.550 bbl

Num Fluid Samples: 0

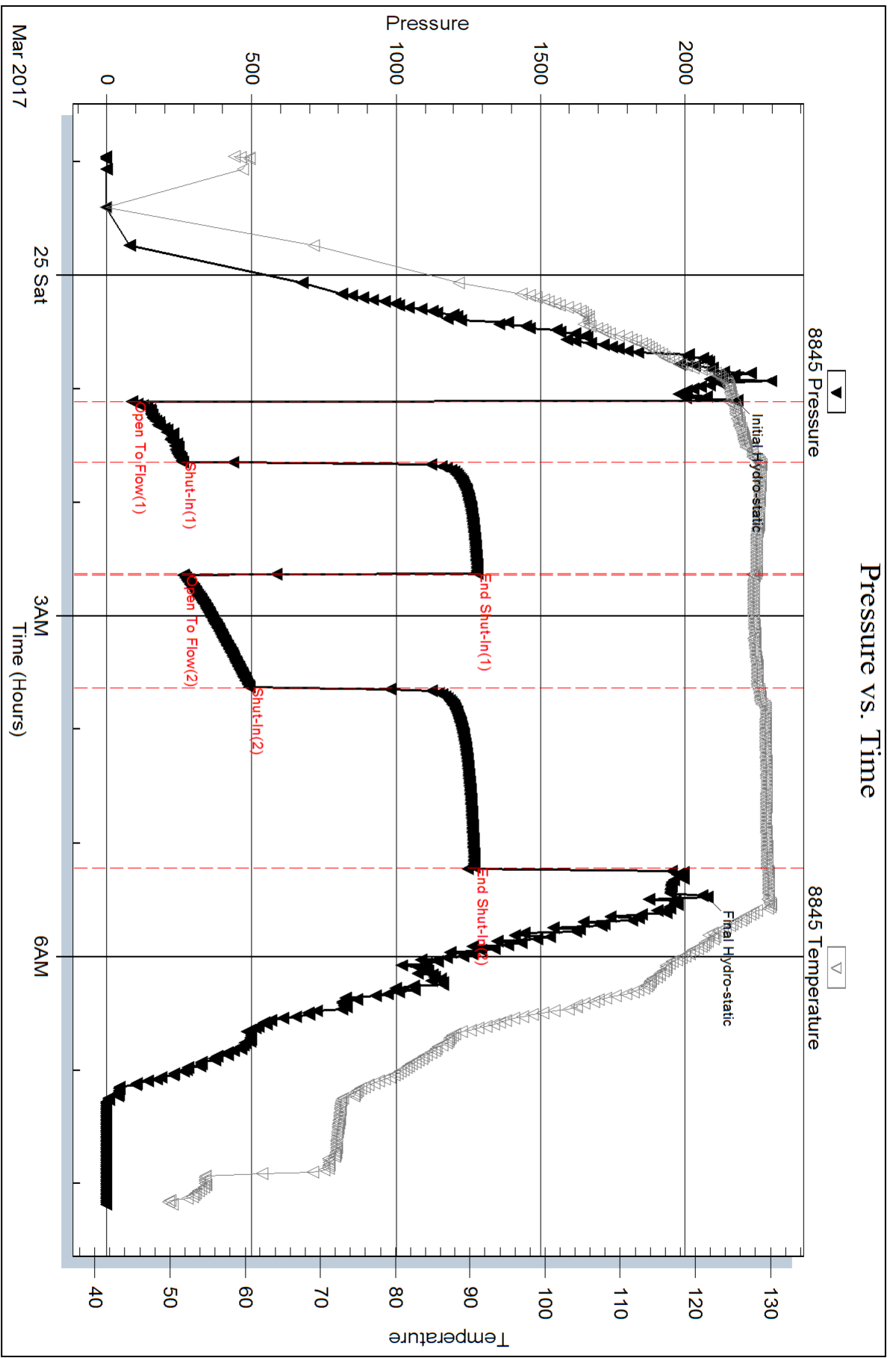
Num Gas Bombs: 0

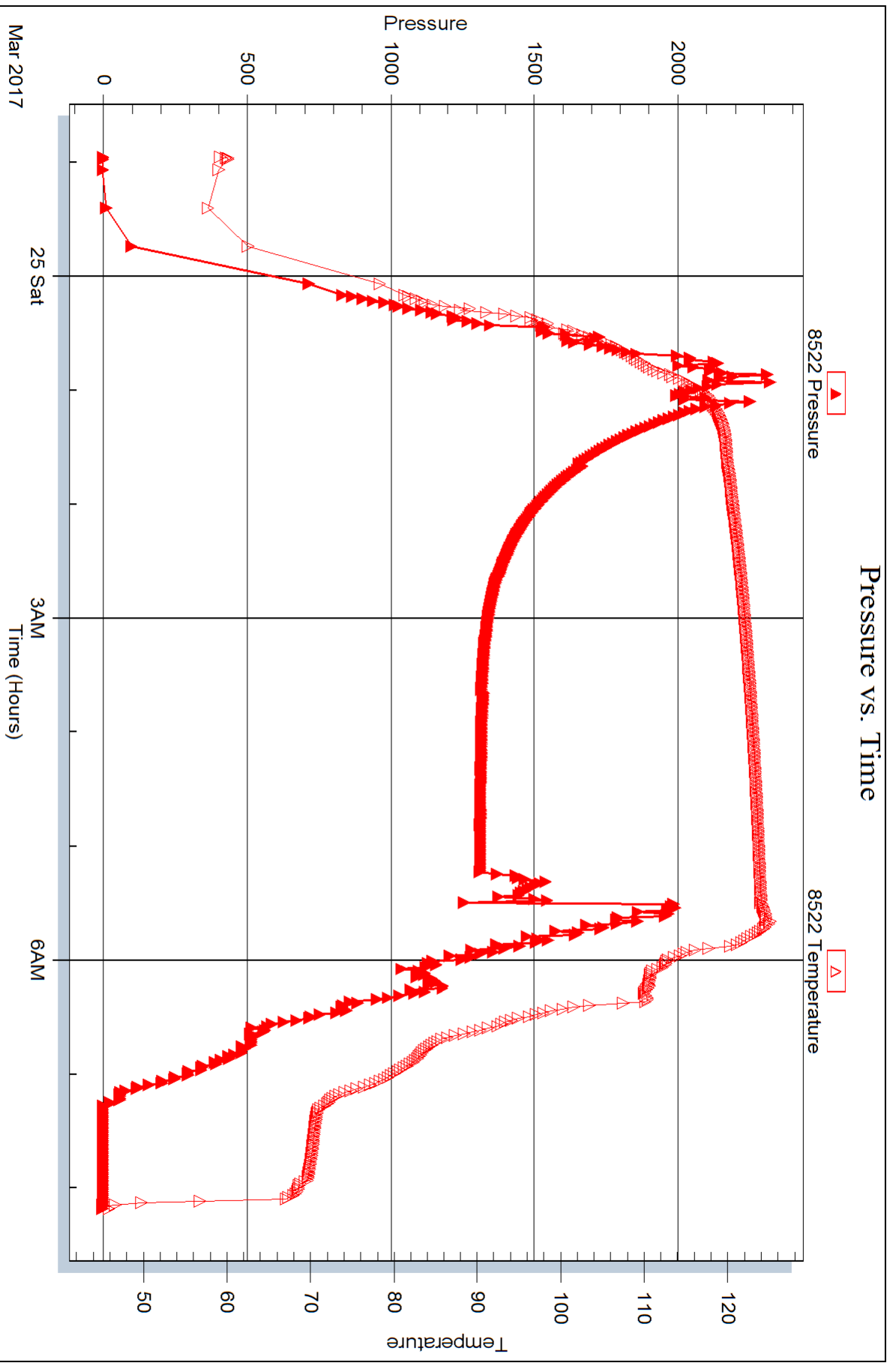
Serial #:

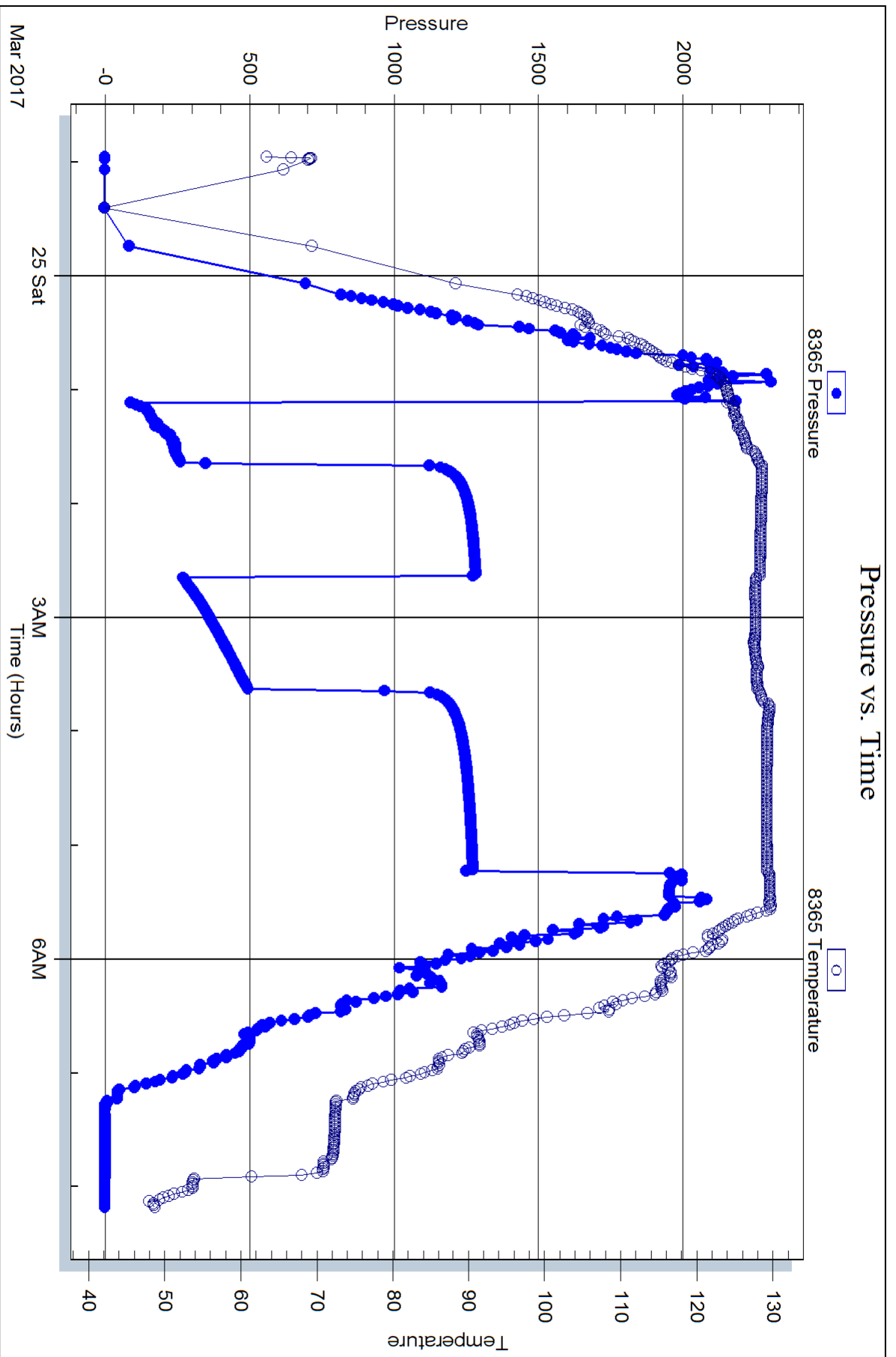
Laboratory Name:

Laboratory Location:

Recovery Comments: rw is .295 @ 41f = 41000ppm









DRILL STEM TEST REPORT

Prepared For: **Val Energy, Inc.**

125 Market St. Ste 1110
Wichita, KS 67202

ATTN: Tim Priest

GMK Kriss Unit #1-8

8-8s-35w Thomas,KS

Start Date: 2017.03.25 @ 20:59:00

End Date: 2017.03.26 @ 05:34:15

Job Ticket #: 63763 DST #: 6

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2017.03.27 @ 14:48:06



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Val Energy, Inc.
 125 Market St. Ste 1110
 Wichita, KS 67202
 ATTN: Tim Priest

8-8s-35w Thomas, KS
GMK Kriss Unit #1-8
 Job Ticket: 63763 **DST#: 6**
 Test Start: 2017.03.25 @ 20:59:00

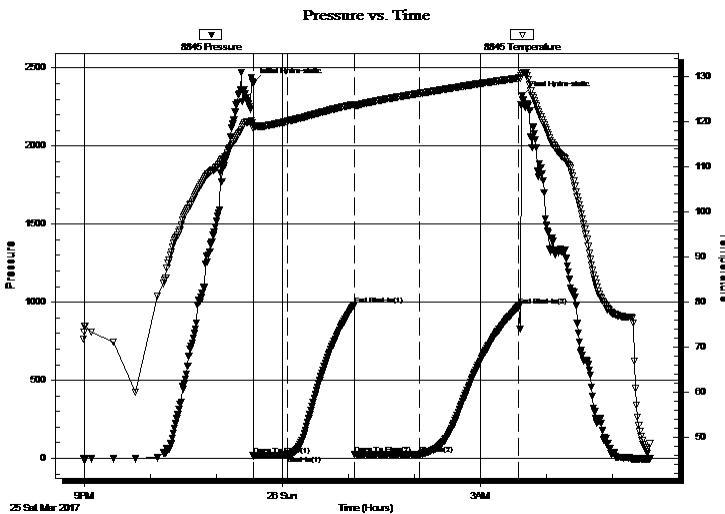
GENERAL INFORMATION:

Formation: **Myric Station - Cher**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 23:33:15
 Time Test Ended: 05:34:15
 Interval: **4589.00 ft (KB) To 4690.00 ft (KB) (TVD)**
 Total Depth: 4690.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Bradley Walter
 Unit No: 78
 Reference Elevations: 3334.00 ft (KB)
 3329.00 ft (CF)
 KB to GR/CF: 5.00 ft

Serial #: 8845 Outside
 Press@RunDepth: 27.82 psig @ 4590.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2017.03.25 End Date: 2017.03.26 Last Calib.: 2017.03.26
 Start Time: 20:59:05 End Time: 05:34:15 Time On Btm: 2017.03.25 @ 23:33:00
 Time Off Btm: 2017.03.26 @ 03:38:00

TEST COMMENT: IF: 1" blow .
 IS: No return.
 FF: 1/4" blow .
 FS: No return.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2404.07	119.86	Initial Hydro-static
1	16.49	118.57	Open To Flow (1)
32	20.07	120.14	Shut-In(1)
92	983.21	123.89	End Shut-In(1)
93	23.09	123.52	Open To Flow (2)
152	27.82	126.33	Shut-In(2)
242	972.98	129.69	End Shut-In(2)
245	2322.68	130.78	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
55.00	mud (oil spots)	0.27

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Val Energy, Inc.

8-8s-35w Thomas,KS

125 Market St. Ste 1110
Wichita, KS 67202

GMK Kriss Unit #1-8

Job Ticket: 63763

DST#: 6

ATTN: Tim Priest

Test Start: 2017.03.25 @ 20:59:00

Tool Information

Drill Pipe:	Length: 4474.00 ft	Diameter: 3.80 inches	Volume: 62.76 bbl	Tool Weight: 2000.00 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: 80000.00 lb
			<u>Total Volume: 63.35 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	25.00 ft			String Weight: Initial 60000.00 lb
Depth to Top Packer:	4589.00 ft			Final 60000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	101.00 ft			
Tool Length:	121.00 ft			
Number of Packers:	2	Diameter: 6.65 inches		
Tool Comments:				

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
------------------	-------------	------------	----------	------------	----------------

Change Over Sub	1.00			4570.00	
Shut In Tool	5.00			4575.00	
Hydraulic tool	5.00			4580.00	
Packer	5.00			4585.00	20.00 Bottom Of Top Packer
Packer	4.00			4589.00	
Stubb	1.00			4590.00	
Recorder	0.00	8365	Inside	4590.00	
Recorder	0.00	8845	Outside	4590.00	
Perforations	32.00			4622.00	
Change Over Sub	1.00			4623.00	
Drill Pipe	63.00			4686.00	
Change Over Sub	1.00			4687.00	
Bullnose	3.00			4690.00	101.00 Bottom Packers & Anchor

Total Tool Length: 121.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Val Energy, Inc.

8-8s-35w Thomas,KS

125 Market St. Ste 1110
Wichita, KS 67202

GMK Kriss Unit #1-8

Job Ticket: 63763

DST#: 6

ATTN: Tim Priest

Test Start: 2017.03.25 @ 20:59:00

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: 57.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.19 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 6000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
55.00	mud (oil spots)	0.270

Total Length: 55.00 ft Total Volume: 0.270 bbl

Num Fluid Samples: 0

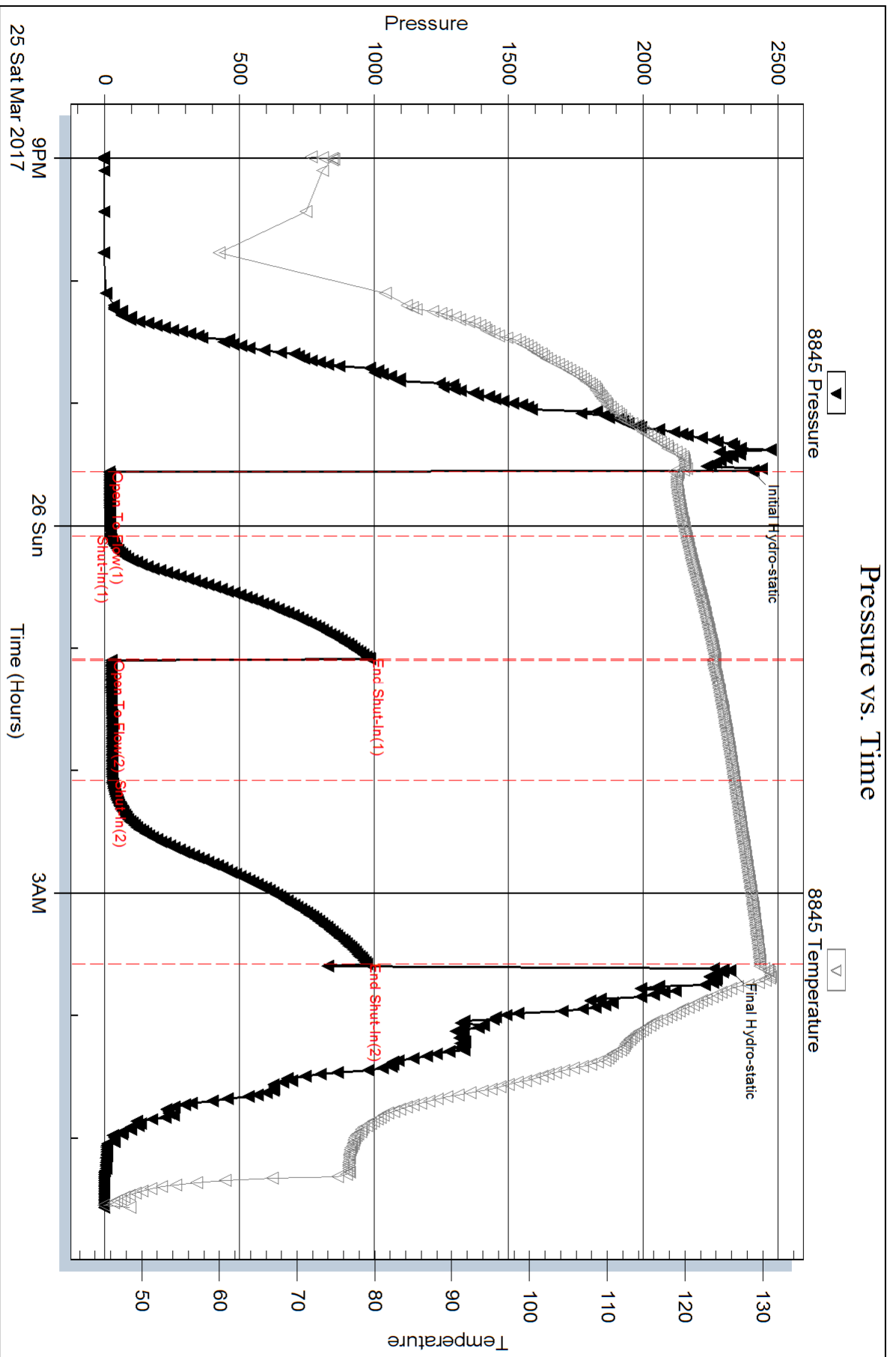
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



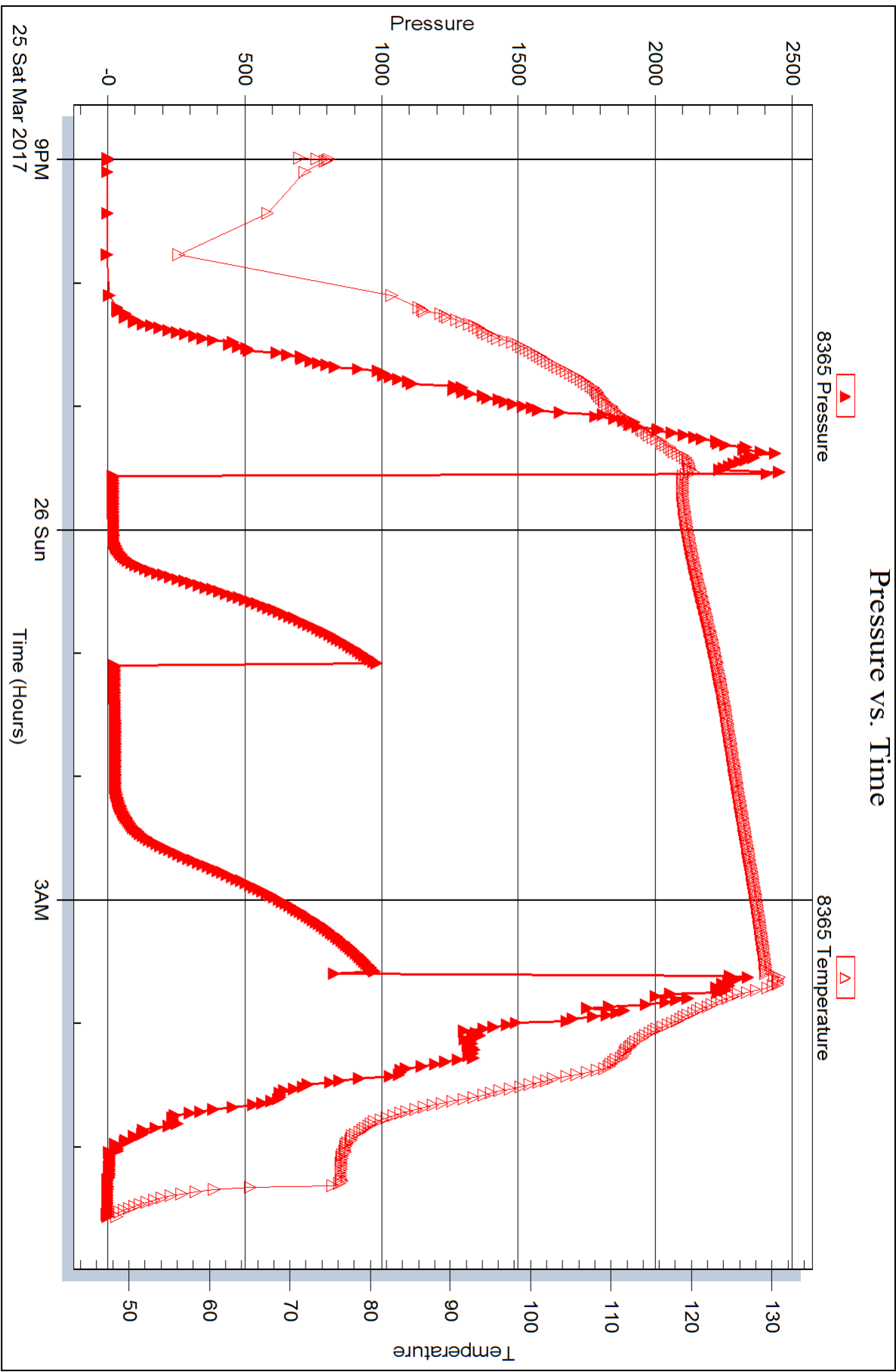
Serial #: 8365

Inside

Val Energy, Inc.

GMK Kriss Unit #1-8

DST Test Number: 6





DRILL STEM TEST REPORT

Prepared For: **Val Energy, Inc.**

125 Market St. Ste 1110
Wichita, KS 67202

ATTN: Tim Priest

GMK Kriss Unit #1-8

8-8s-35w Thomas,KS

Start Date: 2017.03.26 @ 14:10:00

End Date: 2017.03.26 @ 18:23:45

Job Ticket #: 64764 DST #: 7

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

Printed: 2017.03.27 @ 14:47:22



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Val Energy, Inc.
 125 Market St. Ste 1110
 Wichita, KS 67202
 ATTN: Tim Priest

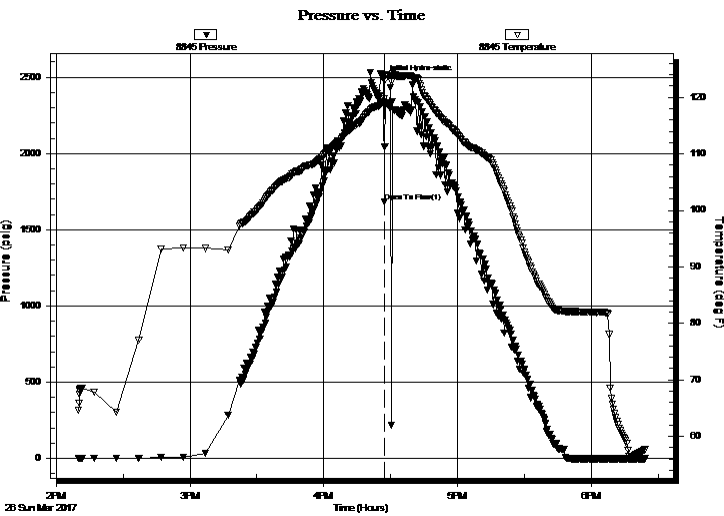
8-8s-35w Thomas,KS
GMK Kriss Unit #1-8
 Job Ticket: 64764 **DST#: 7**
 Test Start: 2017.03.26 @ 14:10:00

GENERAL INFORMATION:

Formation: **Johnson**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 16:27:00
 Time Test Ended: 18:23:45
 Interval: **4693.00 ft (KB) To 4740.00 ft (KB) (TVD)**
 Total Depth: 4740.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Bradley Walter
 Unit No: 78
 Reference Elevations: 3334.00 ft (KB)
 3329.00 ft (CF)
 KB to GR/CF: 5.00 ft

Serial #: 8845 **Outside**
 Press@RunDepth: psig @ 4694.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2017.03.26 End Date: 2017.03.26 Last Calib.: 2017.03.26
 Start Time: 14:10:05 End Time: 18:23:45 Time On Btm: 2017.03.26 @ 16:26:45
 Time Off Btm:

TEST COMMENT: Misrun - Packer did not seat



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2487.66	119.13	Initial Hydro-static
1	1682.79	119.72	Open To Flow (1)

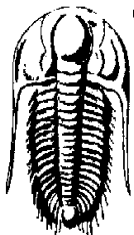
Recovery

Length (ft)	Description	Volume (bbl)
300.00	Mud 100m - Misrun	3.12

* Recovery from multiple tests

Gas Rates

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



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Val Energy, Inc.
125 Market St. Ste 1110
Wichita, KS 67202
ATTN: Tim Priest

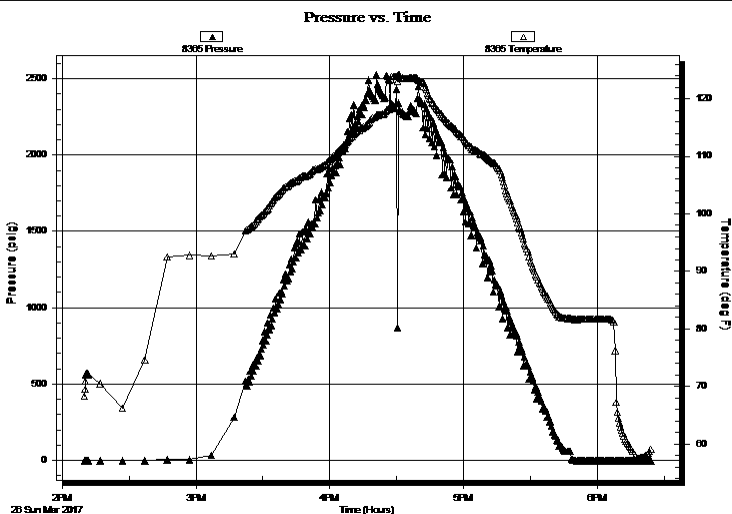
8-8s-35w Thomas,KS
GMK Kriss Unit #1-8
Job Ticket: 64764 **DST#: 7**
Test Start: 2017.03.26 @ 14:10:00

GENERAL INFORMATION:

Formation: **Johnson**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 16:27:00
Time Test Ended: 18:23:45
Interval: **4693.00 ft (KB) To 4740.00 ft (KB) (TVD)**
Total Depth: 4740.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good
Test Type: Conventional Bottom Hole (Reset)
Tester: Bradley Walter
Unit No: 78
Reference Elevations: 3334.00 ft (KB)
3329.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 8365 **Inside**
Press@RunDepth: psig @ 4694.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2017.03.26 End Date: 2017.03.26 Last Calib.: 2017.03.26
Start Time: 14:10:05 End Time: 18:23:45 Time On Btm:
Time Off Btm:

TEST COMMENT: Misrun - Packer did not seat



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
300.00	Mud 100m - Misrun	3.12

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Val Energy, Inc.

8-8s-35w Thomas,KS

125 Market St. Ste 1110
Wichita, KS 67202

GMK Kriss Unit #1-8

Job Ticket: 64764

DST#: 7

ATTN: Tim Priest

Test Start: 2017.03.26 @ 14:10:00

Tool Information

Drill Pipe:	Length: 4568.00 ft	Diameter: 3.80 inches	Volume: 64.08 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 30000.00 lb
Drill Collar:	Length: 120.00 ft	Diameter: 2.25 inches	Volume: 0.59 bbl	Weight to Pull Loose: 75000.00 lb
			<u>Total Volume: 64.67 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	15.00 ft			String Weight: Initial 60000.00 lb
Depth to Top Packer:	4693.00 ft			Final 63000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	47.00 ft			
Tool Length:	67.00 ft			
Number of Packers:	2	Diameter: 6.65 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
------------------	-------------	------------	----------	------------	----------------

Change Over Sub	1.00			4674.00	
Shut In Tool	5.00			4679.00	
Hydraulic tool	5.00			4684.00	
Packer	5.00			4689.00	20.00 Bottom Of Top Packer
Packer	4.00			4693.00	
Stubb	1.00			4694.00	
Recorder	0.00	8365	Inside	4694.00	
Recorder	0.00	8845	Outside	4694.00	
Perforations	10.00			4704.00	
Change Over Sub	1.00			4705.00	
Drill Pipe	31.00			4736.00	
Change Over Sub	1.00			4737.00	
Bullnose	3.00			4740.00	47.00 Bottom Packers & Anchor

Total Tool Length: 67.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Val Energy, Inc.

8-8s-35w Thomas,KS

125 Market St. Ste 1110
Wichita, KS 67202

GMK Kriss Unit #1-8

Job Ticket: 64764

DST#: 7

ATTN: Tim Priest

Test Start: 2017.03.26 @ 14:10:00

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: 56.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.98 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 5000.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
300.00	Mud 100m - Misrun	3.115

Total Length: 300.00 ft Total Volume: 3.115 bbl

Num Fluid Samples: 0

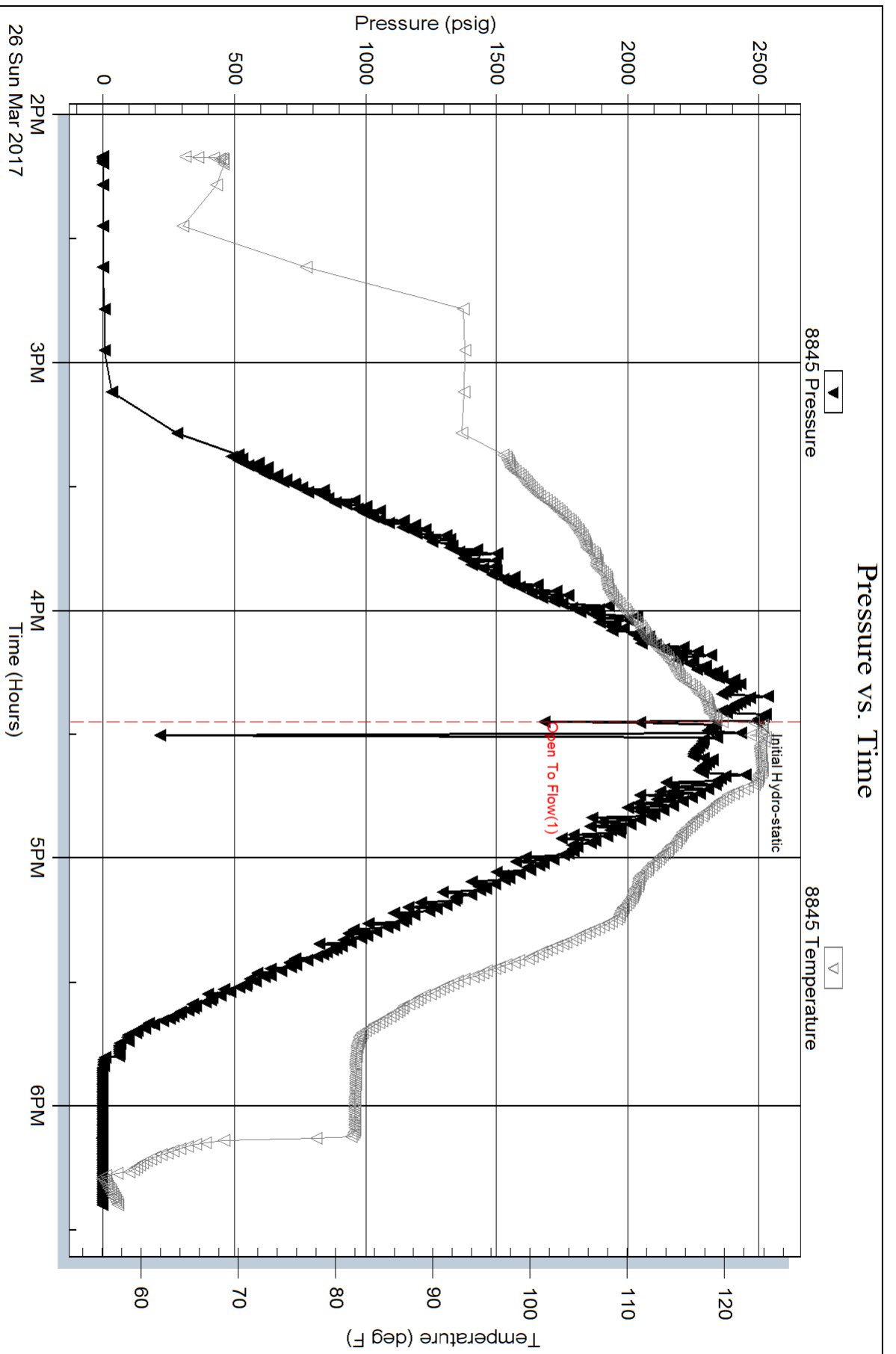
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



26 Sun Mar 2017

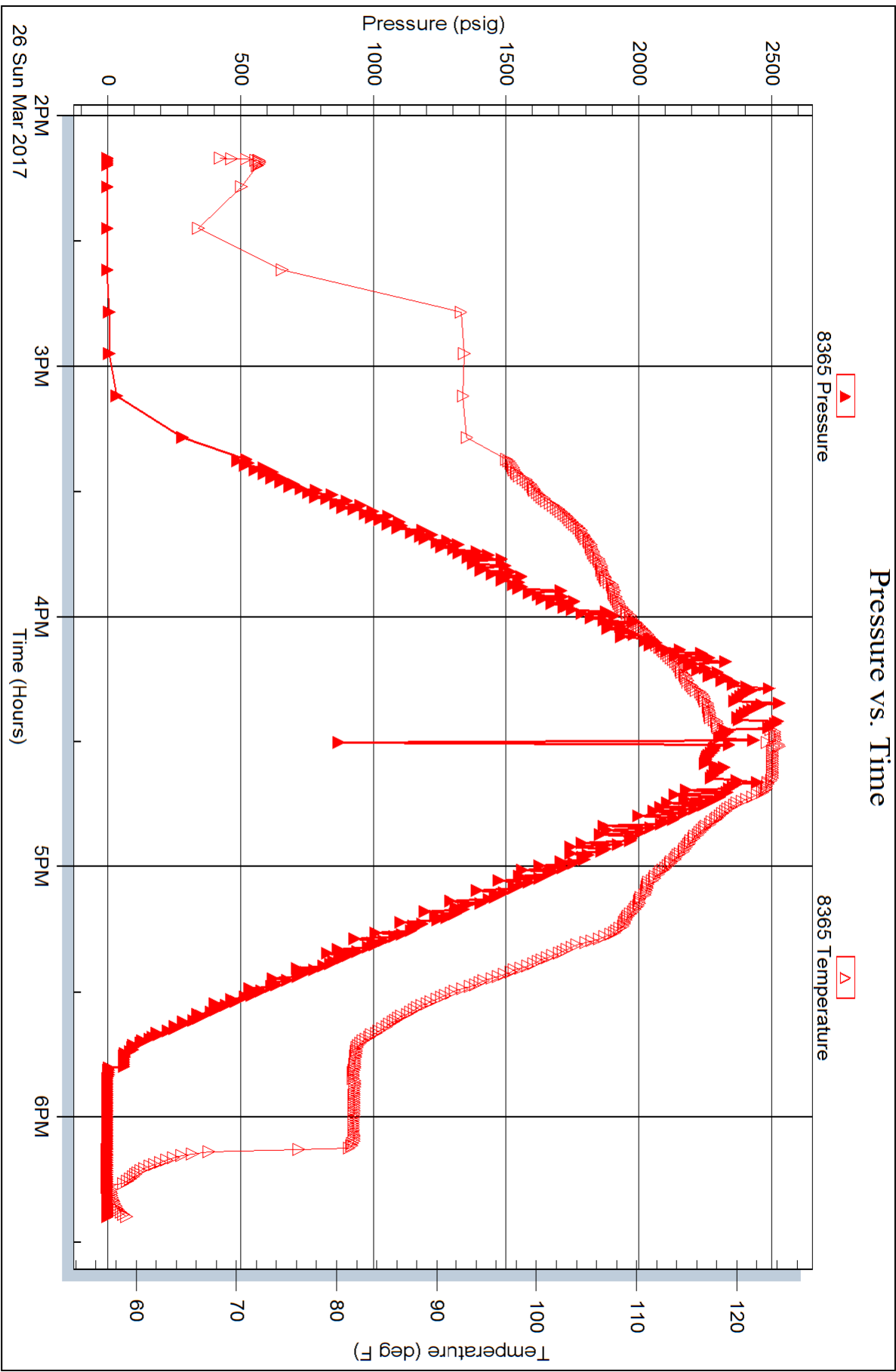
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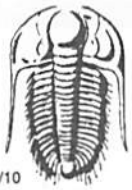
Inside

Val Energy, Inc.

GMK Kriss Unit #1-8

DST Test Number: 7





TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. **63758**

Well Name & No. GMK Kniss Unit #1-8 Test No. 1 Date 3/22/2017
 Company Val Energy, Inc Elevation 8334 KB 3329 GL
 Address 125 Market St. Ste 1110 Wichita, Ks 67202
 Co. Rep / Geo. Tim Priest Rig _____
 Location: Sec. 8 Twp. 8 Rge. 35 w Co. Thomas State Ks

Interval Tested 4310 - 4390 Zone Tested Lkc H, I & J
 Anchor Length 80 Drill Pipe Run 4190 Mud Wt. 8.9
 Top Packer Depth 4305 Drill Collars Run 120 Vis 56
 Bottom Packer Depth 4310 Wt. Pipe Run 0 WL 8.0
 Total Depth 4390 Chlorides 5,000 ppm System LCM 1#

Blow Description IF 8 1/2" blow.
IST Surface return.
FF BOB @ 28 min.
FSI 1" return.

Rec	Feet of	%gas	%oil	%water	%mud
<u>150</u>	<u>65000</u>	<u>10</u>	<u>85</u>	<u>5</u>	<u>0</u>
<u>100</u>	<u>6000</u>	<u>5</u>	<u>20</u>	<u>75</u>	<u>0</u>
	<u>240' GIP</u>				

Rec Total 250 BHT 130 Gravity 21 API RW — @ — °F Chlorides — ppm

(A) Initial Hydrostatic 2180 Test 1150 T-On Location 0206
 (B) First Initial Flow 20 Jars _____ T-Started 0311
 (C) First Final Flow 69 Safety Joint _____ T-Open 0626
 (D) Initial Shut-In 1150 Circ Sub NC T-Pulled 0941
 (E) Second Initial Flow 75 Hourly Standby _____ T-Out 1222
 (F) Second Final Flow 106 Mileage 163 Rt 122.25
 (G) Final Shut-In 1128 Sampler _____
 (H) Final Hydrostatic 2107 Straddle _____
 Shale Packer 250 Ruined Shale Packer _____
 Extra Packer _____ Ruined Packer _____
 Extra Recorder _____ Extra Copies _____
 Initial Open 36 Day Standby _____ Sub Total 0
 Initial Shut-In 45 Accessibility _____ Total 1522.25
 Final Flow 60 Sub Total 1522.25 MP/DST Disc't _____
 Final Shut-In 60 Sub Total 1522.25

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. **63759**

Well Name & No. G.M.K. Kriss Unit #1-8 Test No. 2 Date 3/23/2017
 Company Kal Energy, Inc Elevation 8334 KB 3329 GL
 Address 125 Market St Ste 1110 Wichita, Ks 67202
 Co. Rep / Geo. Tin Priest Rig WW #2
 Location: Sec. 8 Twp. 8 Rge. 35W Co. Thomas State Ks

Interval Tested 4386-4410 Zone Tested LKC - K
 Anchor Length 24 Drill Pipe Run 4250 Mud Wt. 9.4
 Top Packer Depth 4381 Drill Collars Run 120 Vis 48
 Bottom Packer Depth 4386 Wt. Pipe Run Ø WL 8.0
 Total Depth 4410 Chlorides 6,000 ppm System LCM Tr

Blow Description IF: 2" blow
ISI: No return.
FF: 1" blow
FSI: surface return.

Rec	Feet of	%gas	%oil	%water	%mud
<u>60</u>	<u>650 cm</u>	<u>5</u>	<u>2</u>	<u>93</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 60 BHT 126 Gravity — API RW @ F Chlorides — ppm
 (A) Initial Hydrostatic 2291 Test 1150 T-On Location 1815 3/22
 (B) First Initial Flow 13 Jars _____ T-Started 1830
 (C) First Final Flow 24 Safety Joint _____ T-Open 2036
 (D) Initial Shut-In 1251 Circ Sub KC T-Pulled 2306
 (E) Second Initial Flow 27 Hourly Standby _____ T-Out 0108 3/23
 (F) Second Final Flow 36 Mileage 163 RT 122.25 Comments _____
 (G) Final Shut-In 1217 Sampler _____
 (H) Final Hydrostatic 2137 Straddle _____
 Shale Packer 250 Ruined Shale Packer _____
 Extra Packer _____ Ruined Packer _____
 Extra Recorder _____ Extra Copies _____
 Initial Open 30 Day Standby _____ Sub Total 0
 Initial Shut-In 45 Accessibility _____ Total 1522.25
 Final Flow 30 Sub Total 1522.25 MP/DST Disc't _____
 Final Shut-In 45

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. **63760**

Well Name & No. GMK Kriss Unit #1-8 Test No. 3 Date 3/24/2017
 Company Val Energy, Inc Elevation 3334 KB 3329 GL
 Address 125 Market St Ste 110 Wichita, Ks 67202
 Co. Rep / Geo. Tim Forest Rig WW #2
 Location: Sec. 8 Twp. 8s Rge. 35w Co. Thomas State KS

Interval Tested 4482 4540 Zone Tested Marmaton
 Anchor Length 56 Drill Pipe Run 4348 Mud Wt. 9.4
 Top Packer Depth 4477 Drill Collars Run 120 Vis 52
 Bottom Packer Depth 4482 Wt. Pipe Run Ø WL 8.0
 Total Depth 4540 Chlorides 7,000 ppm System LCM Tr

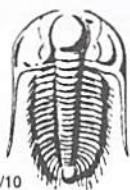
Blow Description IF: BOB @ 30 sec
FSI: BOB @ 4 min Gas to surface
FF: BOB @ open
FSI: 1" return.

Rec	Feet of	%gas	%oil	%water	%mud
<u>3300</u>	<u>60</u>	<u>30</u>	<u>70</u>		
<u>150</u>	<u>60cm</u>	<u>20</u>	<u>30</u>		<u>50</u>
	<u>Gas to surface</u>				

Rec Total 3450 BHT 139 Gravity 39 API RW — @ — °F Chlorides — ppm

(A) Initial Hydrostatic <u>2257</u>	<input checked="" type="checkbox"/> Test <u>1150</u>	T-On Location <u>1600</u>
(B) First Initial Flow <u>349</u>	<input type="checkbox"/> Jars	T-Started <u>1715</u>
(C) First Final Flow <u>990</u>	<input type="checkbox"/> Safety Joint	T-Open <u>1926</u>
(D) Initial Shut-In <u>1313</u>	<input checked="" type="checkbox"/> Circ Sub <u>used</u>	T-Pulled <u>2310</u>
(E) Second Initial Flow <u>997</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>0431</u>
(F) Second Final Flow <u>1282</u>	<input checked="" type="checkbox"/> Mileage <u>163RT</u> 122.25	Comments
(G) Final Shut-In <u>1304</u>	<input type="checkbox"/> Sampler	
(H) Final Hydrostatic <u>2221</u>	<input type="checkbox"/> Straddle	
	<input checked="" type="checkbox"/> Shale Packer <u>250</u>	<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
	<input type="checkbox"/> Day Standby	Sub Total <u>0</u>
	<input type="checkbox"/> Accessibility	Total <u>1522.25</u>
Sub Total <u>1522.25</u>		MP/DST Disc't

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. **63761**

Well Name & No. GMK Kriss #1-8 Test No. 4 Date 3/24/2017
 Company Val Energy, Inc Elevation 3334 KB 3329 GL
 Address 125 Market St Ste 1110 Wichita, KS 67202
 Co. Rep / Geo. Tim Priest Rig WW#2
 Location: Sec. 8 Twp. 8 S Rge. 35 W Co. Thomas State KS

Interval Tested 4532-4590 Zone Tested Pawnee
 Anchor Length 58' Drill Pipe Run 4410 Mud Wt. 9.1
 Top Packer Depth 4527 Drill Collars Run 120 Vis 59
 Bottom Packer Depth 4532 Wt. Pipe Run Ø WL 9.6
 Total Depth 4590 Chlorides 8,000 ppm System LCM 1#

Blow Description IF BOB @ 2 min.
ISI BOB @ 7 min. Gas to surface
FF BOB @ open.
FST 7" return.

Rec	Feet of	%gas	%oil	%water	%mud
<u>1670</u>	<u>60</u>	<u>35</u>	<u>65</u>		
<u>180</u>	<u>GMCO</u>	<u>15</u>	<u>55</u>		<u>30</u>
	<u>Gas to surface</u>				

Rec Total 1850 BHT 140 Gravity 40 API RW — @ — °F Chlorides — ppm

(A) Initial Hydrostatic <u>2369</u>	<input checked="" type="checkbox"/> Test <u>1150</u>	T-On Location <u>1130</u>
(B) First Initial Flow <u>118</u>	<input type="checkbox"/> Jars <u>—</u>	T-Started <u>1209</u>
(C) First Final Flow <u>320</u>	<input type="checkbox"/> Safety Joint <u>—</u>	T-Open <u>1403</u>
(D) Initial Shut-In <u>1082</u>	<input checked="" type="checkbox"/> Circ Sub <u>used</u> <u>50</u>	T-Pulled <u>1718</u>
(E) Second Initial Flow <u>333</u>	<input type="checkbox"/> Hourly Standby <u>—</u>	T-Out <u>2207</u>
(F) Second Final Flow <u>554</u>	<input checked="" type="checkbox"/> Mileage <u>103 RT</u> <u>122.25</u>	Comments <u>—</u>
(G) Final Shut-In <u>941</u>	<input type="checkbox"/> Sampler <u>—</u>	
(H) Final Hydrostatic <u>2265</u>	<input type="checkbox"/> Straddle <u>—</u>	
	<input checked="" type="checkbox"/> Shale Packer <u>250</u>	<input type="checkbox"/> Ruined Shale Packer <u>—</u>
Initial Open <u>30</u>	<input type="checkbox"/> Extra Packer <u>—</u>	<input type="checkbox"/> Ruined Packer <u>—</u>
Initial Shut-In <u>45</u>	<input type="checkbox"/> Extra Recorder <u>—</u>	<input type="checkbox"/> Extra Copies <u>—</u>
Final Flow <u>60</u>	<input type="checkbox"/> Day Standby <u>—</u>	Sub Total <u>0</u>
Final Shut-In <u>60</u>	<input type="checkbox"/> Accessibility <u>—</u>	Total <u>1572.25</u>
	Sub Total <u>1572.25</u>	MP/DST Disc't <u>—</u>

Approved By _____ Our Representative

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TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. **63762**

Well Name & No. GMK Kriss #1-8 Test No. 5 Date 3/25/2017
 Company Val Energy, Inc Elevation 3334 KB 3329 GL
 Address 125 Market St Ste 110 Wichita, Ks 67202
 Co. Rep / Geo. Tim Priest Rig WW #2
 Location: Sec. 8 Twp. 8S Rge. 35W Co. Thomas State Ks

Interval Tested 4106 4226 Zone Tested Upper LKC
 Anchor Length 120' / 364 Tail Drill Pipe Run 3999 Mud Wt. 9.2
 Top Packer Depth 4101 - 4106 Drill Collars Run 120 Vis 58
 Bottom Packer Depth 4226 Wt. Pipe Run 0 WL 10.4
 Total Depth 4590 Chlorides 9500 ppm System LCM 1#

Blow Description IF: BOB @ 10 min
ISI: No return
PF: BOB @ 11 min
PSI: No return

Rec	Feet of	%gas	%oil	%water	%mud
<u>650</u>	<u>50 MCW</u>	<u>2</u>	<u>58</u>	<u>40</u>	
<u>180</u>	<u>5 MCW</u>		<u>98</u>	<u>2</u>	

Rec Total 830 BHT 130 Gravity — API RW 1295 @ 41 °F Chlorides 41000 ppm
 (A) Initial Hydrostatic 2175 Test 1150 T-On Location 2210
 (B) First Initial Flow 68 Jars _____ T-Started 2257
 (C) First Final Flow 262 Safety Joint _____ T-Open 0109
 (D) Initial Shut-In 1282 Circ Sub 4C T-Pulled 0509
 (E) Second Initial Flow 265 Hourly Standby _____ T-Out 0811
 (F) Second Final Flow 494 Mileage 163 Rt 122.25
 (G) Final Shut-In 1272 Sampler _____
 (H) Final Hydrostatic 2077 Straddle 600 Ruined Shale Packer _____
 Shale Packer 250 Ruined Packer _____
 Extra Packer _____ Extra Copies _____
 Initial Open 30 Extra Recorder _____ Sub Total 0
 Initial Shut-In 60 Day Standby _____ Total 2122.25
 Final Flow 60 Accessibility _____ MP/DST Disc't _____
 Final Shut-In 90 Sub Total 2122.25

Approved By _____ Our Representative [Signature]

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TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. **63763**

Well Name & No. GMK Kniss #1-8 Test No. 6 Date 3/26/2017
 Company Val Energy Inc Elevation 3334 KB 3329 GL
 Address 125 Marled St Ste 110 Wichita, KS 67202
 Co. Rep / Geo. Tom Priest Rig WW #2
 Location: Sec. 9 Twp. 8s Rge. 35W Co. Thomas State KS

Interval Tested 4589 4690 Zone Tested Myric Station, Ft Scott, Cherokee
 Anchor Length 101 Drill Pipe Run 4474 Mud Wt. 9.5
 Top Packer Depth 4584 Drill Collars Run 120 Vis 57
 Bottom Packer Depth 4589 Wt. Pipe Run 0 WL 7.2
 Total Depth 4690 Chlorides 6000 ppm System LCM 1.5 #
 Blow Description IF 1" blow
ISI No return
FF 1/4" blow
FSI No return

Rec	Feet of	%gas	%oil	%water	%mud
<u>SS</u>	<u>MUD</u>			<u>100</u>	
	<u>OIL SANDS</u>				

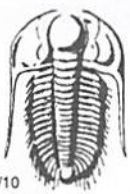
Rec Total 55 BHT 130 Gravity — API RW — @ — °F Chlorides — ppm

(A) Initial Hydrostatic 2404 Test 1150 T-On Location 2038 3/25
 (B) First Initial Flow 16 Jars _____ T-Started 2059
 (C) First Final Flow 20 Safety Joint _____ T-Open 2334
 (D) Initial Shut-In 983 Circ Sub 4/c T-Pulled 0334 3/24
 (E) Second Initial Flow 23 Hourly Standby _____ T-Out 0534
 (F) Second Final Flow 28 Mileage 163 Rr 122.25 Comments _____
 (G) Final Shut-In 973 Sampler _____
 (H) Final Hydrostatic 2323 Straddle _____ Ruined Shale Packer 320
 Ruined Packer _____
 Extra Packer _____
 Extra Recorder _____ Sub Total 320
 Day Standby _____ Total 1842.25
 Accessibility _____ MP/DST Disc't _____
 Sub Total 1522.25

Approved By _____

Our Representative 

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. **63764**

Well Name & No. GMK Kniss # 1-8 Test No. 7 Date 3/27/2017
 Company Val Energy, Inc Elevation 3384 KB 3529 GL
 Address 125 Market St Ste 1110 Wichita, Ks 67202
 Co. Rep / Geo. Tim Priest Rig WW #2
 Location: Sec. 8 Twp. 8s Rge. 35 w Co. Thomas State Ks

Interval Tested 4693 - 4740 Zone Tested Johnson
 Anchor Length 47' Drill Pipe Run 4524 Mud Wt. 9.5
 Top Packer Depth 4688 Drill Collars Run 120 Vis 57
 Bottom Packer Depth 4693 Wt. Pipe Run 0 WL 7.2
 Total Depth 4740 Chlorides 6,000 ppm System LCM 1.5

Blow Description FE
ISI
F
MIS RUN
Packer did not seat

Rec	Feet of	%gas	%oil	%water	%mud

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

(A) Initial Hydrostatic _____ Test 950 T-On Location 12 15
 (B) First Initial Flow MIS RUN Jars _____ T-Started 14 10
 (C) First Final Flow _____ Safety Joint _____ T-Open 16 37
 (D) Initial Shut-In _____ Circ Sub 1/2 T-Pulled 16 45
 (E) Second Initial Flow _____ Hourly Standby _____ T-Out 18 27
 (F) Second Final Flow _____ Mileage 163 Rt 122.25 Comments _____
 (G) Final Shut-In _____ Sampler _____
 (H) Final Hydrostatic _____ Straddle _____
 Shale Packer 250 Ruined Shale Packer _____
 Extra Packer _____ Ruined Packer _____
 Extra Recorder _____ Sub Total 0
 Day Standby _____ Total 1322.25
 Accessibility _____ MP/DST Disc't _____
 Sub Total 1322.25

Approved By _____ Our Representative

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