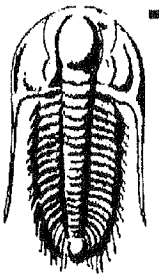
RECEIVED
KANSAS CORPORATION COMMISSION
AUG 1 1 2008
CONSERVATION DIVISION
WICHITA, KS

15-065-23401

9-8s-21w



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Venture Resources**

PO Box 101234
Denver CO 80250

ATTN: Ron Mackey

9 8S 21W Graham KS

Billips-Rice Unit #1

Start Date: 2008.03.28 @ 22:05:39
End Date: 2008.03.29 @ 05:14:33
Job Ticket #: 30461 DST #: 1

Trilobite Testing, Inc
PO Box 1733 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Venture Resources
Billips-Rice Unit #1
9 8S 21W Graham KS
DST # 1
Topeka
2008.03.28

TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Venture Resources

PO Box 101234
Denver CO 80250

ATTN: Ron Mackey

Billips-Rice Unit #1

9 8S 21W Graham KS

Job Ticket: 30461 **DST#: 1**

Test Start: 2008.03.28 @ 22:05:39

GENERAL INFORMATION:

Formation: **Topeka**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 00:06:04
Time Test Ended: 05:14:33

Test Type: Conventional Bottom Hole
Tester: Ray Schwager
Unit No: 42

Interval: 3116.00 ft (KB) To 3144.00 ft (KB) (TVD)
Total Depth: 3144.00 ft (KB) (TVD)
Hole Diameter: 7.85 inches Hole Condition: Fair

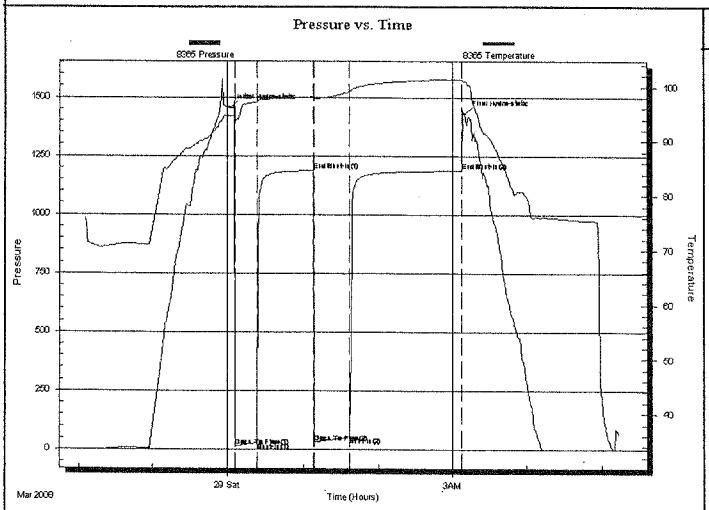
Reference Elevations: 2018.00 ft (KB)
2011.00 ft (CF)
KB to GR/CF: 7.00 ft

Serial #: 8365 **Inside**

Press@RunDepth: 53.14 psig @ 3117.01 ft (KB)
Start Date: 2008.03.28 End Date: 2008.03.29
Start Time: 22:05:39 End Time: 05:14:33

Capacity: 7000.00 psig
Last Calib.: 2008.03.29
Time On Btm: 2008.03.29 @ 00:02:04
Time Off Btm: 2008.03.29 @ 03:10:03

TEST COMMENT: IFP Wk bl 1/2 " to 3 1/2 " bl Sampler 195 PSI
FFP Wk bl 1/4 " to 2 1/2 " bl 1000 ML M
2500ML W w/scum of Oil



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1454.05	94.60	Initial Hydro-static
4	12.02	93.54	Open To Flow (1)
21	28.93	97.14	Shut-In(1)
66	1186.65	98.11	End Shut-In(1)
67	30.55	97.79	Open To Flow (2)
95	53.14	99.03	Shut-In(2)
185	1186.06	101.39	End Shut-In(2)
188	1427.20	100.94	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
1.00	CO	0.02
70.00	20%M 80%W w/show of Oil	1.21

Gas Rates

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

TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

Venture Resources

PO Box 101234
Denver CO 80250

ATTN: Ron Mackey

Billips-Rice Unit #1

9 8S 21W Graham KS

Job Ticket: 30461 **DST#: 1**

Test Start: 2008.03.28 @ 22:05:39

Tool Information

Drill Pipe:	Length:	3102.00 ft	Diameter:	4.21 inches	Volume:	53.41 bbl	Tool Weight:	2200.00 lb
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	0.00 inches	Volume:	0.00 bbl	Weight set on Packer:	25000.00 lb
Drill Collar:	Length:	0.00 ft	Diameter:	0.00 inches	Volume:	0.00 bbl	Weight to Pull Loose:	60000.00 lb
					Total Volume:	53.41 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:		18.00 ft					String Weight: Initial	35000.00 lb
Depth to Top Packer:		3116.00 ft					Final	37000.00 lb
Depth to Bottom Packer:		ft						
Interval between Packers:		28.02 ft						
Tool Length:		60.02 ft						
Number of Packers:		2	Diameter:	6.75 inches				

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Change Over Sub	1.00			3085.00		
Shut In Tool	5.00			3090.00		
Sampler	3.00			3093.00		
Hydraulic tool	5.00			3098.00		
Jars	5.00			3103.00		
Safety Joint	3.00			3106.00		
Packer	5.00			3111.00	32.00	Bottom Of Top Packer
Packer	5.00			3116.00		
Stubb	1.00			3117.00		
Recorder	0.01	8365	Inside	3117.01		
Recorder	0.01	6625	Outside	3117.02		
Perforations	24.00			3141.02		
Bullnose	3.00			3144.02	28.02	Bottom Packers & Anchor
Total Tool Length:	**60.02**					

TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Venture Resources

PO Box 101234
Denver CO 80250

ATTN: Ron Mackey

Billips-Rice Unit #1

9 8S 21W Graham KS

Job Ticket: 30461 **DST#: 1**

Test Start: 2008.03.28 @ 22:05:39

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:	30000 ppm
Viscosity:	57.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	2500.00 ppm				
Filter Cake:	1.00 inches				

Recovery Information

Recovery Table

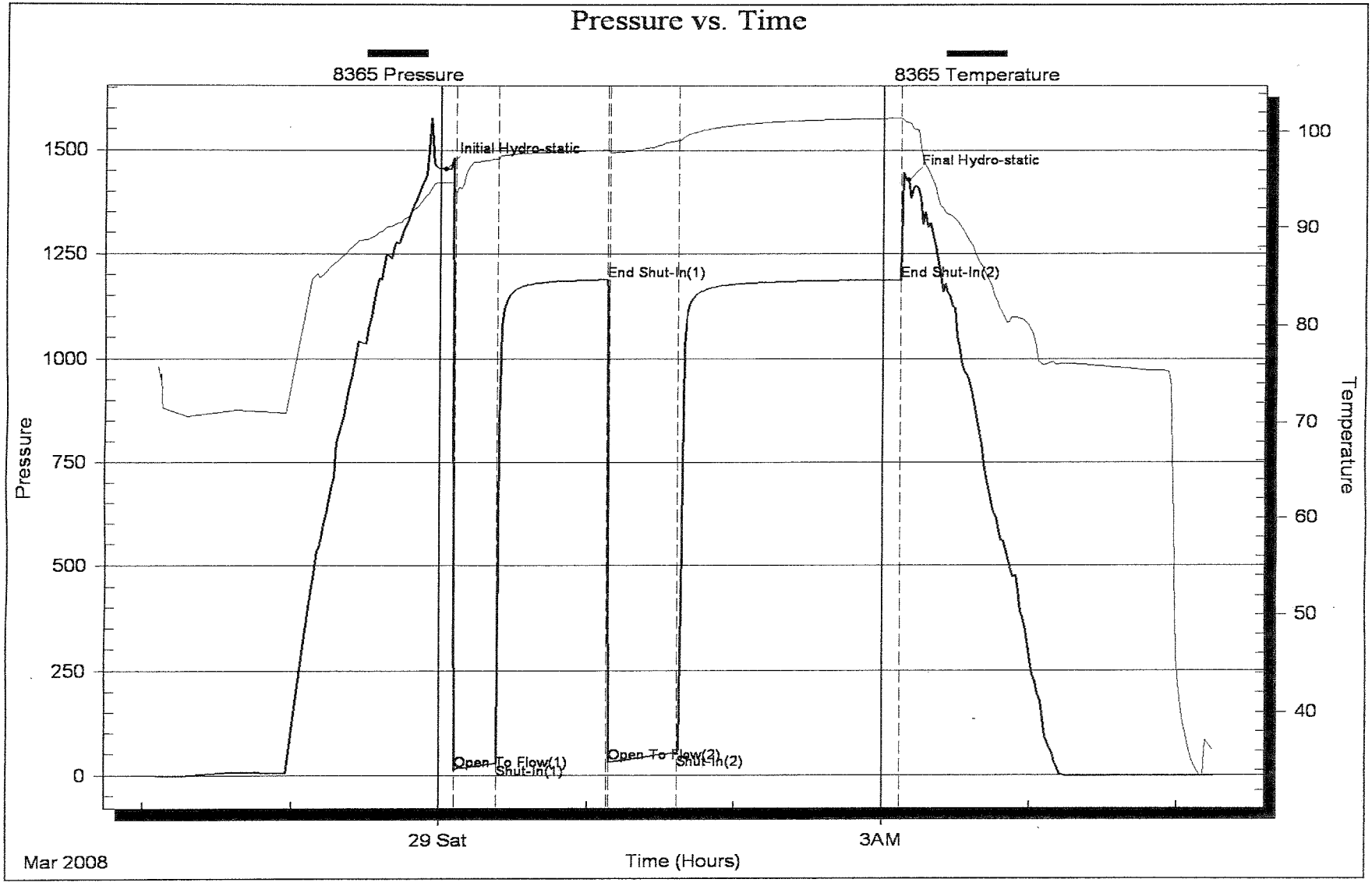
Length ft	Description	Volume bbl
1.00	CO	0.017
70.00	20%M 80%W w/show of Oil	1.205

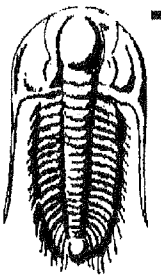
Total Length: 71.00 ft Total Volume: 1.222 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments: RW .3 @ 59F


Pressure vs. Time
8365 Pressure
8365 Temperature
Initial Hydro-static
Final Hydro-static
End Shut-In(1)
End Shut-In(2)
Open To Flow(1)
Shut-In(1)
Open To Flow(2)
Shut-In(2)
1500
1250
1000
750
500
250
0
Pressure
100
90
80
70
60
50
40
Temperature
29 Sat
3AM
Mar 2008
Time (Hours)



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Venture Resources**

PO Box 101234
Denver CO 80250

ATTN: Ron Mackey

9 8S 21W Graham KS

Billips-Rice Unit #1

Start Date: 2008.03.29 @ 17:57:09
End Date: 2008.03.30 @ 01:01:03
Job Ticket #: 30462 DST #: 2

Trilobite Testing, Inc
PO Box 1733 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Venture Resources

PO Box 101234
Denver CO 80250

ATTN: Ron Mackey

Billips-Rice Unit #1

9 8S 21W Graham KS

Job Ticket: 30462 **DST#: 2**

Test Start: 2008.03.29 @ 17:57:09

GENERAL INFORMATION:

Formation: **LKC B-F**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 19:37:34
Time Test Ended: 01:01:03

Test Type: Conventional Bottom Hole
Tester: Ray Schwager
Unit No: 42

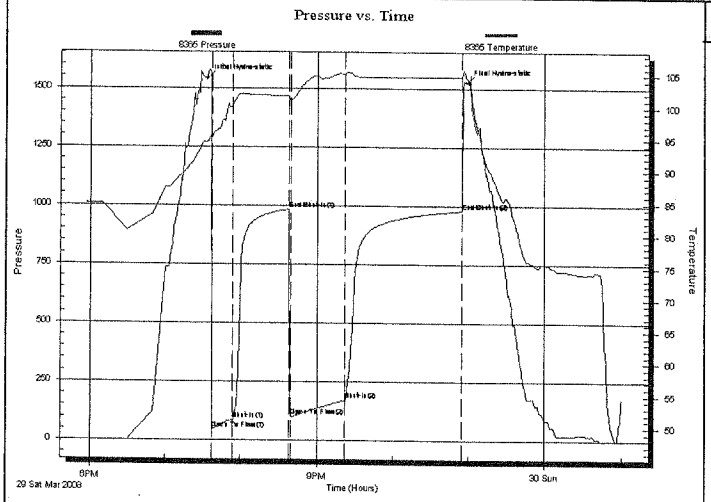
Interval: 3222.00 ft (KB) To 3283.00 ft (KB) (TVD)
Total Depth: 3283.00 ft (KB) (TVD)
Hole Diameter: 7.85 inches Hole Condition: Fair

Reference Elevations: 2018.00 ft (KB)
2011.00 ft (CF)
KB to GR/CF: 7.00 ft

Serial #: 8365 **Inside**
Press@RunDepth: 170.37 psig @ 3256.01 ft (KB)
Start Date: 2008.03.29 End Date: 2008.03.30
Start Time: 17:57:09 End Time: 01:01:03

Capacity: 7000.00 psig
Last Calib.: 2008.03.30
Time On Btm: 2008.03.29 @ 19:33:34
Time Off Btm: 2008.03.29 @ 22:58:03

TEST COMMENT: IFP Wk to strg in 9 min
FFP Wk to strg in 7 min



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1538.65	94.64	Initial Hydro-static
4	43.09	95.35	Open To Flow (1)
21	85.01	100.39	Shut-In(1)
65	983.23	101.74	End Shut-In(1)
66	101.55	101.00	Open To Flow (2)
109	170.37	105.29	Shut-In(2)
201	977.10	104.76	End Shut-In(2)
205	1523.66	104.86	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
135.00	CO	2.32
90.00	MGO 20%G 50%O 30%M	1.55
120.00	MGO 20%G 40%O 40%M	2.07
0.00	195 ' GIP	0.00

Gas Rates

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

TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

Venture Resources

PO Box 101234
Denver CO 80250

ATTN: Ron Mackey

Billips-Rice Unit #1

9 8S 21W Graham KS

Job Ticket: 30462 **DST#: 2**

Test Start: 2008.03.29 @ 17:57:09

Tool Information

Drill Pipe:	Length:	3197.00 ft	Diameter:	4.21 inches	Volume:	55.04 bbl	
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	0.00 inches	Volume:	0.00 bbl	
Drill Collar:	Length:	0.00 ft	Diameter:	0.00 inches	Volume:	0.00 bbl	
					Total Volume:	55.04 bbl	

Drill Pipe Above KB:	7.00 ft
Depth to Top Packer:	3222.00 ft
Depth to Bottom Packer:	ft
Interval between Packers:	61.02 ft
Tool Length:	93.02 ft
Number of Packers:	2 Diameter: 6.75 inches

Tool Weight:	2200.00 lb
Weight set on Packer:	25000.00 lb
Weight to Pull Loose:	60000.00 lb
Tool Chased	0.00 ft
String Weight: Initial	39000.00 lb
Final	44000.00 lb

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Change Over Sub	1.00			3191.00		
Shut In Tool	5.00			3196.00		
Sampler	3.00			3199.00		
Hydraulic tool	5.00			3204.00		
Jars	5.00			3209.00		
Safety Joint	3.00			3212.00		
Packer	5.00			3217.00	32.00	Bottom Of Top Packer
Packer	5.00			3222.00		
Stubb	1.00			3223.00		
Blank Spacing	33.00			3256.00		
Recorder	0.01	8365	Inside	3256.01		
Recorder	0.01	6625	Outside	3256.02		
Perforations	24.00			3280.02		
Bullnose	3.00			3283.02	61.02	Bottom Packers & Anchor
Total Tool Length:	**93.02**					

TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Venture Resources

PO Box 101234
Denver CO 80250

ATTN: Ron Mackey

Billips-Rice Unit #1

9 8S 21W Graham KS

Job Ticket: 30462 **DST#: 2**

Test Start: 2008.03.29 @ 17:57:09

Mud and Cushion Information

Mud Type:	Gel Chem	Cushion Type:		Oil API:	31 deg API
Mud Weight:	9.00 lb/gal	Cushion Length:	ft	Water Salinity:	ppm
Viscosity:	54.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	11.50 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	1200.00 ppm				
Filter Cake:	2.00 inches				

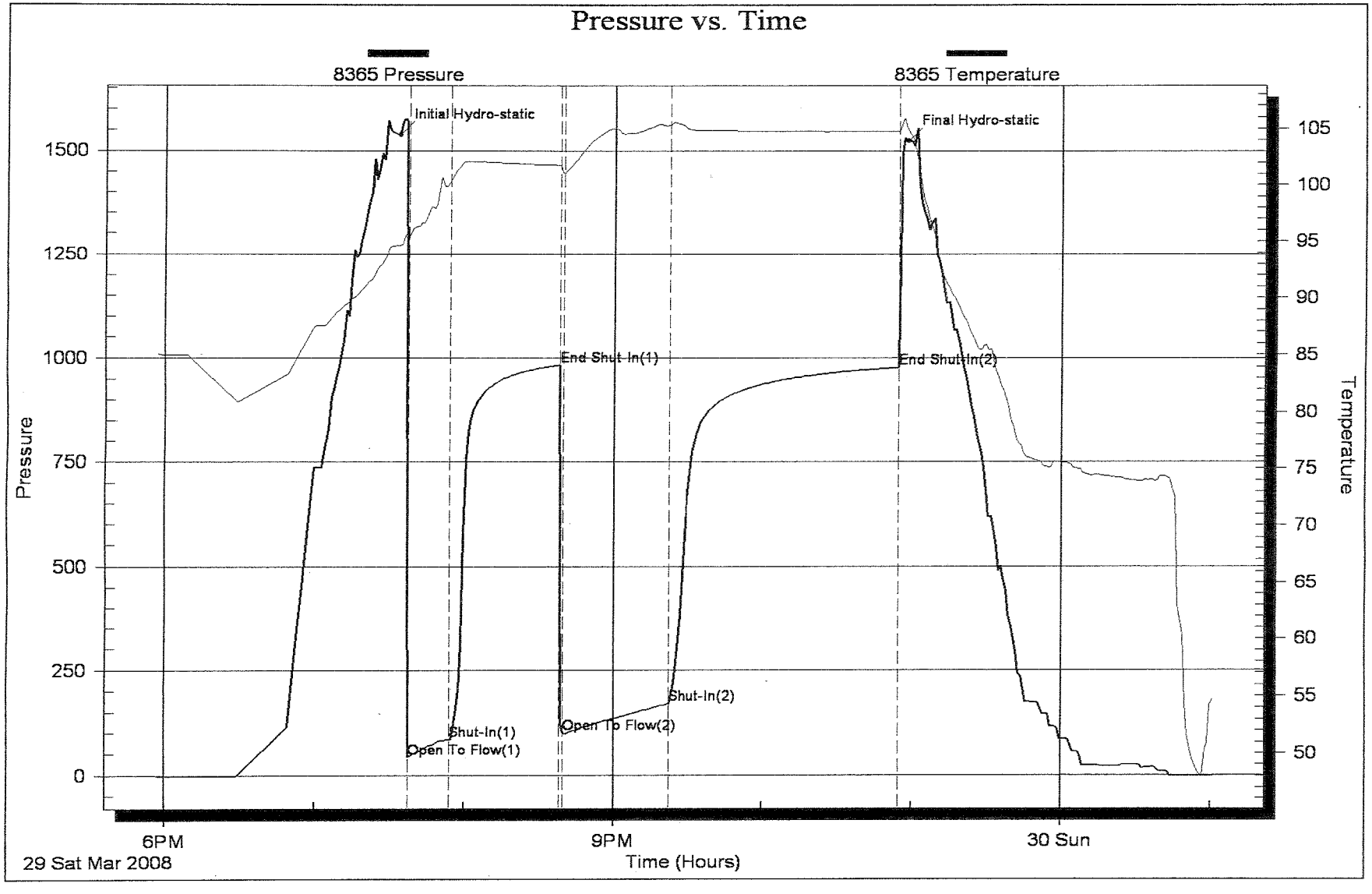
Recovery Information

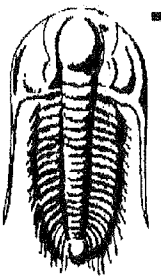
Recovery Table

Length ft	Description	Volume bbl
135.00	CO	2.324
90.00	MGO 20%G 50%O 30%M	1.550
120.00	MGO 20%G 40%O 40%M	2.066
0.00	195 ' GIP	0.000

Total Length: 345.00 ft Total Volume: 5.940 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:


Pressure vs. Time
8365 Pressure
8365 Temperature
Initial Hydro-static
Final Hydro-static
End Shut-In(1)
End Shut-In(2)
Shut-In(1)
Open To Flow(1)
Open To Flow(2)
Shut-In(2)
Pressure
Temperature
1500
1250
1000
750
500
250
0
105
100
95
90
85
80
75
70
65
60
55
50
6PM
29 Sat Mar 2008
9PM
30 Sun
Time (Hours)



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Venture Resources**

PO Box 101234
Denver CO 80250

ATTN: Ron Mackey

9 8S 21W Graham KS

Billips-Rice Unit #1

Start Date: 2008.03.30 @ 10:43:51
End Date: 2008.03.30 @ 18:43:45
Job Ticket #: 30463 DST #: 3

Trilobite Testing, Inc
PO Box 1733 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Venture Resources

PO Box 101234
Denver CO 80250

ATTN: Ron Mackey

Billips-Rice Unit #1

9 8S 21W Graham KS

Job Ticket: 30463 **DST#: 3**

Test Start: 2008.03.30 @ 10:43:51

GENERAL INFORMATION:

Formation: **LKC F-H**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 12:39:16
Time Test Ended: 18:43:45

Test Type: Conventional Bottom Hole
Tester: Ray Schwager
Unit No: 42

Interval: 3278.00 ft (KB) To 3342.00 ft (KB) (TVD)
Total Depth: 3342.00 ft (KB) (TVD)
Hole Diameter: 7.85 inches Hole Condition: Fair

Reference Elevations: 2018.00 ft (KB)
2011.00 ft (CF)
KB to GR/CF: 7.00 ft

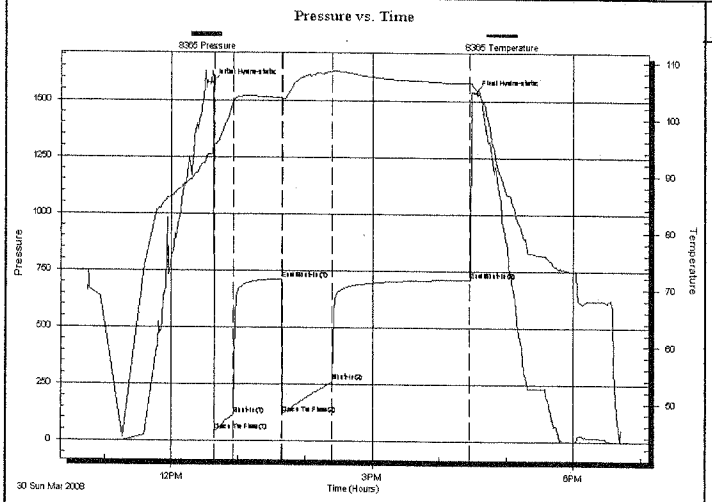
Serial #: 8365 **Inside**

Press@RunDepth: 261.68 psig @ 3312.01 ft (KB)
Start Date: 2008.03.30 End Date: 2008.03.30
Start Time: 10:43:51 End Time: 18:43:45

Capacity: 7000.00 psig
Last Calib.: 2008.03.30
Time On Btm: 2008.03.30 @ 12:36:16
Time Off Btm: 2008.03.30 @ 16:30:45

TEST COMMENT: IFP Wk to strg in 8 min
FFP Wk to strg in 9 min
No bl on shut-in

Sampler 80 PSI
750ML M
3250ML W
R



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1572.99	93.70	Initial Hydro-static
3	42.64	95.36	Open To Flow (1)
20	115.60	103.00	Shut-In(1)
63	713.50	103.68	End Shut-In(1)
64	117.47	103.46	Open To Flow (2)
108	261.68	108.20	Shut-In(2)
231	712.79	106.32	End Shut-In(2)
235	1534.61	105.61	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
225.00	MWw/show of Oil 15%M 85%W	3.16
300.00	Water	4.21

Gas Rates

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

TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

Venture Resources

PO Box 101234
Denver CO 80250

ATTN: Ron Mackey

Billips-Rice Unit #1

9 8S 21W Graham KS

Job Ticket: 30463 **DST#: 3**

Test Start: 2008.03.30 @ 10:43:51

Tool Information

Drill Pipe:	Length:	3260.00 ft	Diameter:	3.80 inches	Volume:	45.73 bbl	Tool Weight:	2200.00 lb
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	0.00 inches	Volume:	0.00 bbl	Weight set on Packer:	25000.00 lb
Drill Collar:	Length:	0.00 ft	Diameter:	0.00 inches	Volume:	0.00 bbl	Weight to Pull Loose:	60000.00 lb
					Total Volume:	45.73 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:		14.00 ft					String Weight: Initial	39000.00 lb
Depth to Top Packer:		3278.00 ft					Final	44000.00 lb
Depth to Bottom Packer:		ft						
Interval betw een Packers:		64.02 ft						
Tool Length:		96.02 ft						
Number of Packers:		2	Diameter:	6.75 inches				

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Change Over Sub	1.00			3247.00		
Shut In Tool	5.00			3252.00		
Sampler	3.00			3255.00		
Hydraulic tool	5.00			3260.00		
Jars	5.00			3265.00		
Safety Joint	3.00			3268.00		
Packer	5.00			3273.00	32.00	Bottom Of Top Packer
Packer	5.00			3278.00		
Stubb	1.00			3279.00		
Blank Spacing	33.00			3312.00		
Recorder	0.01	8365	Inside	3312.01		
Recorder	0.01	6625	Outside	3312.02		
Perforations	27.00			3339.02		
Bullnose	3.00			3342.02	64.02	Bottom Packers & Anchor
Total Tool Length:	**96.02**					

TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Venture Resources

PO Box 101234
Denver CO 80250

ATTN: Ron Mackey

Billips-Rice Unit #1

9 8S 21W Graham KS

Job Ticket: 30463 **DST#: 3**

Test Start: 2008.03.30 @ 10:43:51

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:	35000 ppm
Viscosity:	55.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	7.20 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	1200.00 ppm				
Filter Cake:	2.00 inches				

Recovery Information

Recovery Table

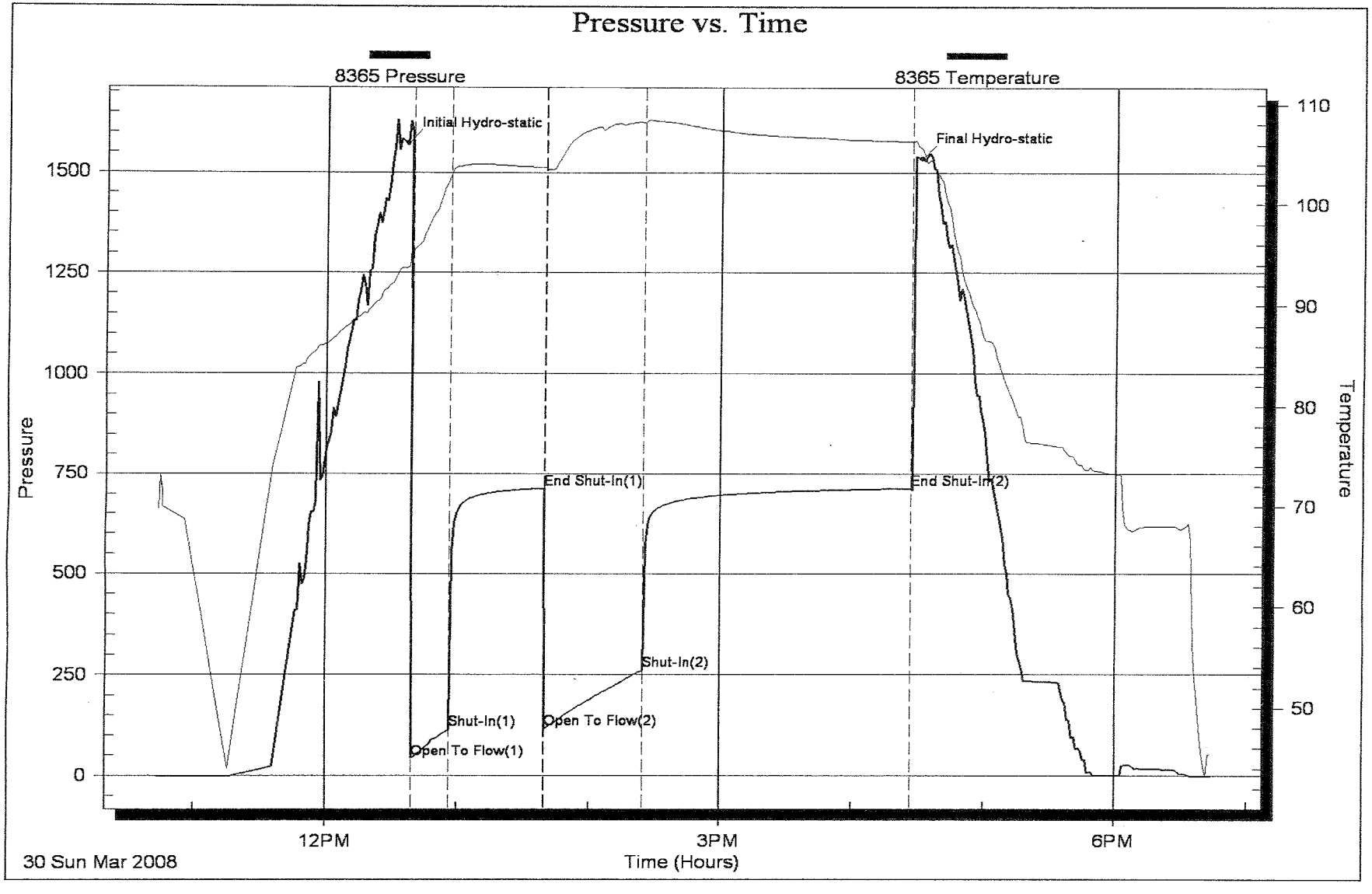
Length ft	Description	Volume bbl
225.00	MWw/show of Oil 15%M 85%W	3.156
300.00	Water	4.208

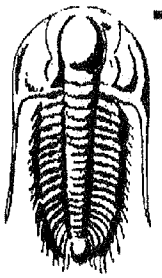
Total Length: 525.00 ft Total Volume: 9.039 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments: RW .28@55F


Pressure vs. Time
8365 Pressure
8365 Temperature
Initial Hydro-static
Final Hydro-static
End Shut-In(1)
End Shut-In(2)
Shut-In(1)
Shut-In(2)
Open To Flow(1)
Open To Flow(2)
Pressure
Temperature
1500
1250
1000
750
500
250
0
110
100
90
80
70
60
50
12PM
3PM
6PM
30 Sun Mar 2008
Time (Hours)



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Venture Resources**

PO Box 101234
Denver CO 80250

ATTN: Ron Mackey

9 8S 21W Graham KS

Billips-Rice Unit #1

Start Date: 2008.03.31 @ 06:06:39
End Date: 2008.03.31 @ 13:37:33
Job Ticket #: 30464 DST #: 4

Trilobite Testing, Inc
PO Box 1733 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Venture Resources

PO Box 101234
Denver CO 80250

ATTN: Ron Mackey

Billips-Rice Unit #1

9 8S 21W Graham KS

Job Ticket: 30464 **DST#: 4**

Test Start: 2008.03.31 @ 06:06:39

GENERAL INFORMATION:

Formation: **LKC K-L**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 07:45:04
Time Test Ended: 13:37:33

Test Type: Conventional Bottom Hole
Tester: Ray Schwager
Unit No: 42

Interval: 3370.00 ft (KB) To 3407.00 ft (KB) (TVD)
Total Depth: 3407.00 ft (KB) (TVD)
Hole Diameter: 7.85 inches Hole Condition: Fair

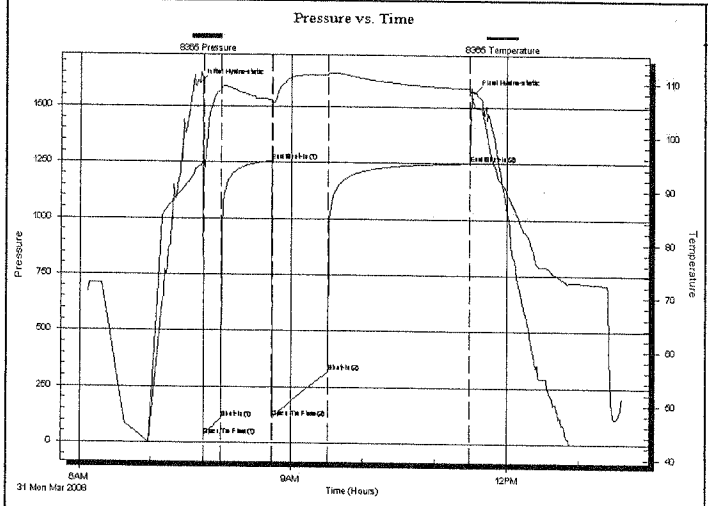
Reference Elevations: 2018.00 ft (KB)
2011.00 ft (CF)
KB to GR/CF: 7.00 ft

Serial #: 8365 **Inside**

Press@RunDepth: 315.95 psig @ 3377.01 ft (KB)
Start Date: 2008.03.31 End Date: 2008.03.31
Start Time: 06:06:39 End Time: 13:37:33

Capacity: 7000.00 psig
Last Calib.: 2008.03.31
Time On Btm: 2008.03.31 @ 07:42:04
Time Off Btm: 2008.03.31 @ 11:32:33

TEST COMMENT: IFP Wk to strg in 7 min Sampler 360 PSI
FFP Wk to strg in 6 min 500ML M
Surface bl bk 3500ML W
RW.23@56F c



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1603.78	94.44	Initial Hydro-static
3	30.89	94.75	Open To Flow (1)
18	108.30	108.63	Shut-In(1)
62	1256.38	106.76	End Shut-In(1)
62	110.21	106.20	Open To Flow (2)
109	315.95	111.56	Shut-In(2)
227	1250.91	109.07	End Shut-In(2)
231	1565.52	105.88	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
225.00	MW 10%M 90%W	3.87
360.00	Water	6.20

Gas Rates

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

TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

Venture Resources

PO Box 101234
Denver CO 80250

ATTN: Ron Mackey

Billips-Rice Unit #1

9 8S 21W Graham KS

Job Ticket: 30464 **DST#: 4**

Test Start: 2008.03.31 @ 06:06:39

Tool Information

Drill Pipe:	Length:	3349.00 ft	Diameter:	4.21 inches	Volume:	57.66 bbl	Tool Weight:	2200.00 lb
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	0.00 inches	Volume:	0.00 bbl	Weight set on Packer:	25000.00 lb
Drill Collar:	Length:	0.00 ft	Diameter:	0.00 inches	Volume:	0.00 bbl	Weight to Pull Loose:	60000.00 lb
					Total Volume:	57.66 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:		11.00 ft					String Weight: Initial	40000.00 lb
Depth to Top Packer:		3370.00 ft					Final	46000.00 lb
Depth to Bottom Packer:		ft						
Interval betw een Packers:		37.02 ft						
Tool Length:		69.02 ft						
Number of Packers:		2	Diameter:	6.75 inches				

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Change Over Sub	1.00			3339.00		
Shut In Tool	5.00			3344.00		
Sampler	3.00			3347.00		
Hydraulic tool	5.00			3352.00		
Jars	5.00			3357.00		
Safety Joint	3.00			3360.00		
Packer	5.00			3365.00	32.00	Bottom Of Top Packer
Packer	5.00			3370.00		
Stubb	1.00			3371.00		
Perforations	6.00			3377.00		
Recorder	0.01	8365	Inside	3377.01		
Recorder	0.01	6625	Outside	3377.02		
Perforations	27.00			3404.02		
Bullnose	3.00			3407.02	37.02	Bottom Packers & Anchor
Total Tool Length:	**69.02**					

TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Venture Resources

PO Box 101234
Denver CO 80250

ATTN: Ron Mackey

Billips-Rice Unit #1

9 8S 21W Graham KS

Job Ticket: 30464 **DST#: 4**

Test Start: 2008.03.31 @ 06:06:39

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:	39000 ppm
Viscosity:	57.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	7.20 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	1200.00 ppm				
Filter Cake:	1.00 inches				

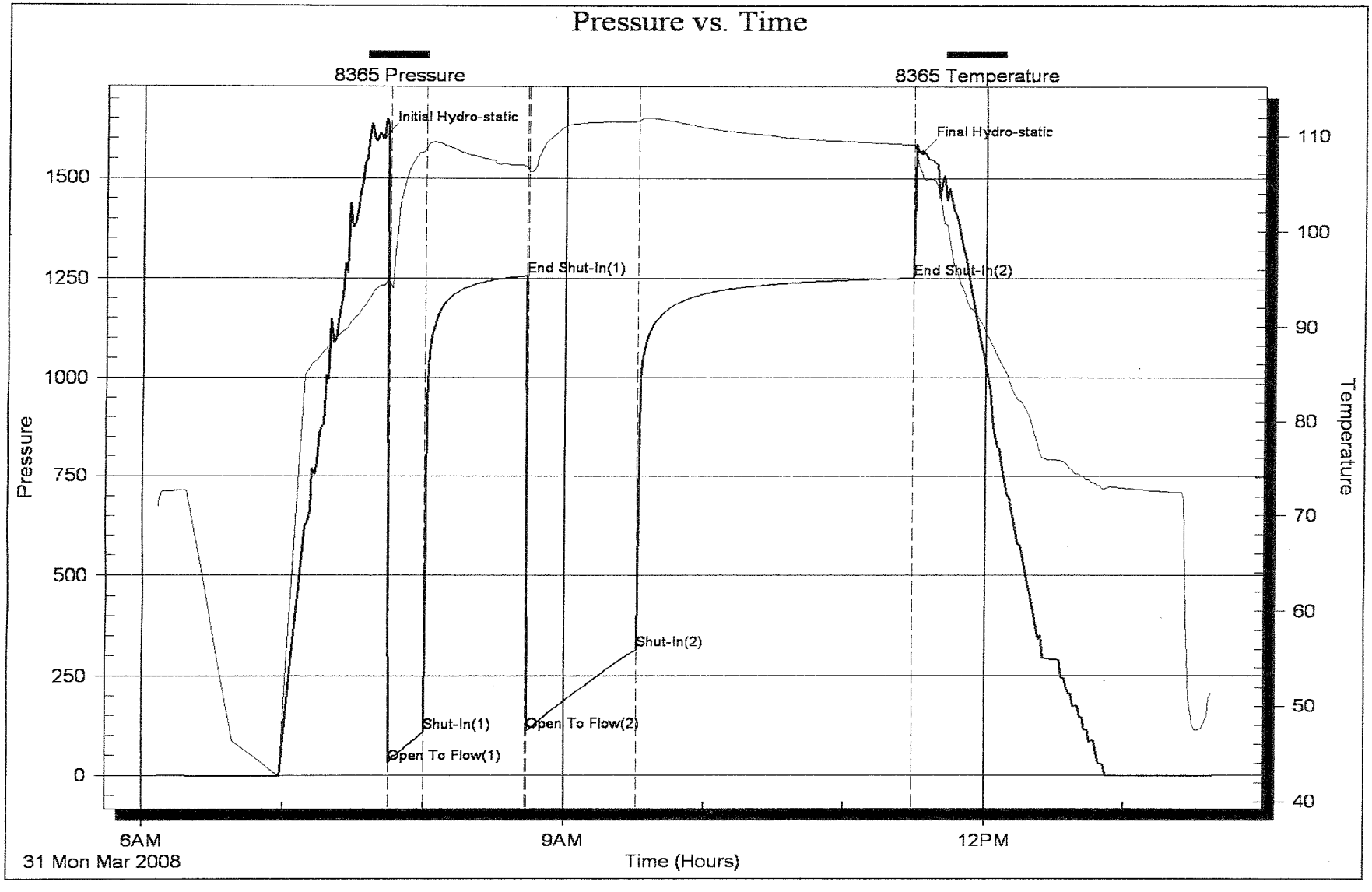
Recovery Information

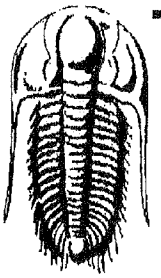
Recovery Table

Length ft	Description	Volume bbl
225.00	MW 10%M 90%W	3.874
360.00	Water	6.198

Total Length: 585.00 ft Total Volume: 10.072 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments: RW .23 @ 56F


Pressure vs. Time
8365 Pressure
8365 Temperature
Initial Hydro-static
Final Hydro-static
End Shut-In(1)
End Shut-In(2)
Shut-In(1)
Shut-In(2)
Open To Flow(1)
Open To Flow(2)
Pressure
Temperature
1500
1250
1000
750
500
250
0
110
100
90
80
70
60
50
40
6AM
9AM
12PM
31 Mon Mar 2008
Time (Hours)



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Venture Resources**

PO Box 101234
Denver CO 80250

ATTN: Ron Mackey

9 8S 21W Graham KS

Billips-Rice Unit #1

Start Date: 2008.04.01 @ 07:48:30
End Date: 2008.04.01 @ 13:04:54
Job Ticket #: 30465 DST #: 5

Trilobite Testing, Inc
PO Box 1733 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

DRILL STEM TEST REPORT

TRILOBITE TESTING, INC.

Venture Resources

PO Box 101234
Denver CO 80250

ATTN: Ron Mackey

Billips-Rice Unit #1

9 8S 21W Graham KS

Job Ticket: 30465 **DST#: 5**

Test Start: 2008.04.01 @ 07:48:30

GENERAL INFORMATION:

Formation: **Arbuckle**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 09:42:55
Time Test Ended: 13:04:54

Test Type: Conventional Bottom Hole
Tester: Ray Schwager
Unit No: 42

Interval: 3482.00 ft (KB) To 3540.00 ft (KB) (TVD)
Total Depth: 3540.00 ft (KB) (TVD)
Hole Diameter: 7.85 inches Hole Condition: Fair

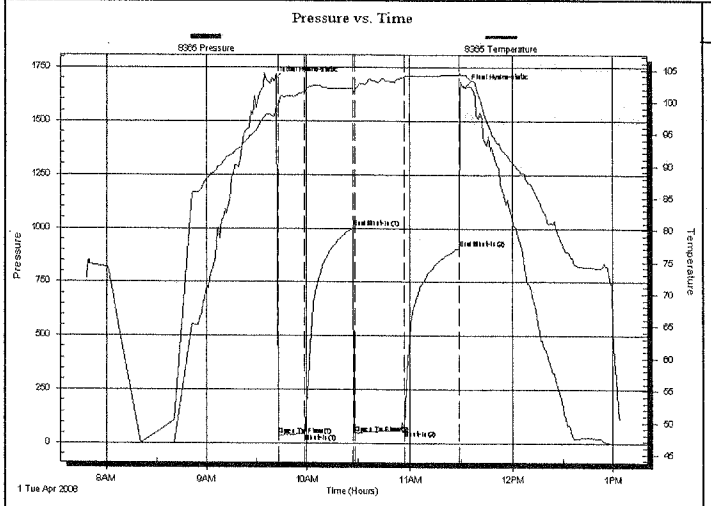
Reference Elevations: 2018.00 ft (KB)
2011.00 ft (CF)
KB to GR/CF: 7.00 ft

Serial #: 8365 **Inside**

Press@RunDepth: 64.47 psig @ 3515.01 ft (KB)
Start Date: 2008.04.01 End Date: 2008.04.01
Start Time: 07:48:30 End Time: 13:04:54

Capacity: 7000.00 psig
Last Calib.: 2008.04.01
Time On Btm: 2008.04.01 @ 09:40:25
Time Off Btm: 2008.04.01 @ 11:31:55

TEST COMMENT: IFP Surface bl died in 5 min
FFP Surface bl
Times 15 30 30 30



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1687.70	97.79	Initial Hydro-static
3	35.88	99.44	Open To Flow (1)
18	45.73	101.49	Shut-In(1)
47	1000.95	102.05	End Shut-In(1)
48	47.48	101.91	Open To Flow (2)
77	64.47	103.88	Shut-In(2)
108	907.83	104.20	End Shut-In(2)
112	1656.88	104.25	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
50.00	M	0.86

Gas Rates

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

TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

Venture Resources

PO Box 101234
Denver CO 80250

ATTN: Ron Mackey

Billips-Rice Unit #1

9 8S 21W Graham KS

Job Ticket: 30465 **DST#: 5**

Test Start: 2008.04.01 @ 07:48:30

Tool Information

Drill Pipe:	Length:	3472.00 ft	Diameter:	4.21	inches	Volume:	59.78	bbl	
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	0.00	inches	Volume:	0.00	bbl	
Drill Collar:	Length:	0.00 ft	Diameter:	0.00	inches	Volume:	0.00	bbl	
						Total Volume:	59.78	bbl	

Drill Pipe Above KB:	22.00 ft
Depth to Top Packer:	3482.00 ft
Depth to Bottom Packer:	ft
Interval betw een Packers:	58.02 ft
Tool Length:	90.02 ft
Number of Packers:	2 Diameter: 6.75 inches

Tool Weight:	2200.00 lb
Weight set on Packer:	25000.00 lb
Weight to Pull Loose:	50000.00 lb
Tool Chased	0.00 ft
String Weight: Initial	42000.00 lb
Final	42000.00 lb

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Change Over Sub	1.00			3451.00		
Shut In Tool	5.00			3456.00		
Sampler	3.00			3459.00		
Hydraulic tool	5.00			3464.00		
Jars	5.00			3469.00		
Safety Joint	3.00			3472.00		
Packer	5.00			3477.00	32.00	Bottom Of Top Packer
Packer	5.00			3482.00		
Stubb	1.00			3483.00		
Blank Spacing	32.00			3515.00		
Recorder	0.01	8365	Inside	3515.01		
Recorder	0.01	6625	Outside	3515.02		
Perforations	22.00			3537.02		
Bullnose	3.00			3540.02	58.02	Bottom Packers & Anchor
Total Tool Length:	**90.02**					

TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Venture Resources

PO Box 101234
Denver CO 80250

ATTN: Ron Mackey

Billips-Rice Unit #1

9 8S 21W Graham KS

Job Ticket: 30465 **DST#: 5**

Test Start: 2008.04.01 @ 07:48:30

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:	bbl		
Water Loss:	7.60 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	1200.00 ppm				
Filter Cake:	2.00 inches				

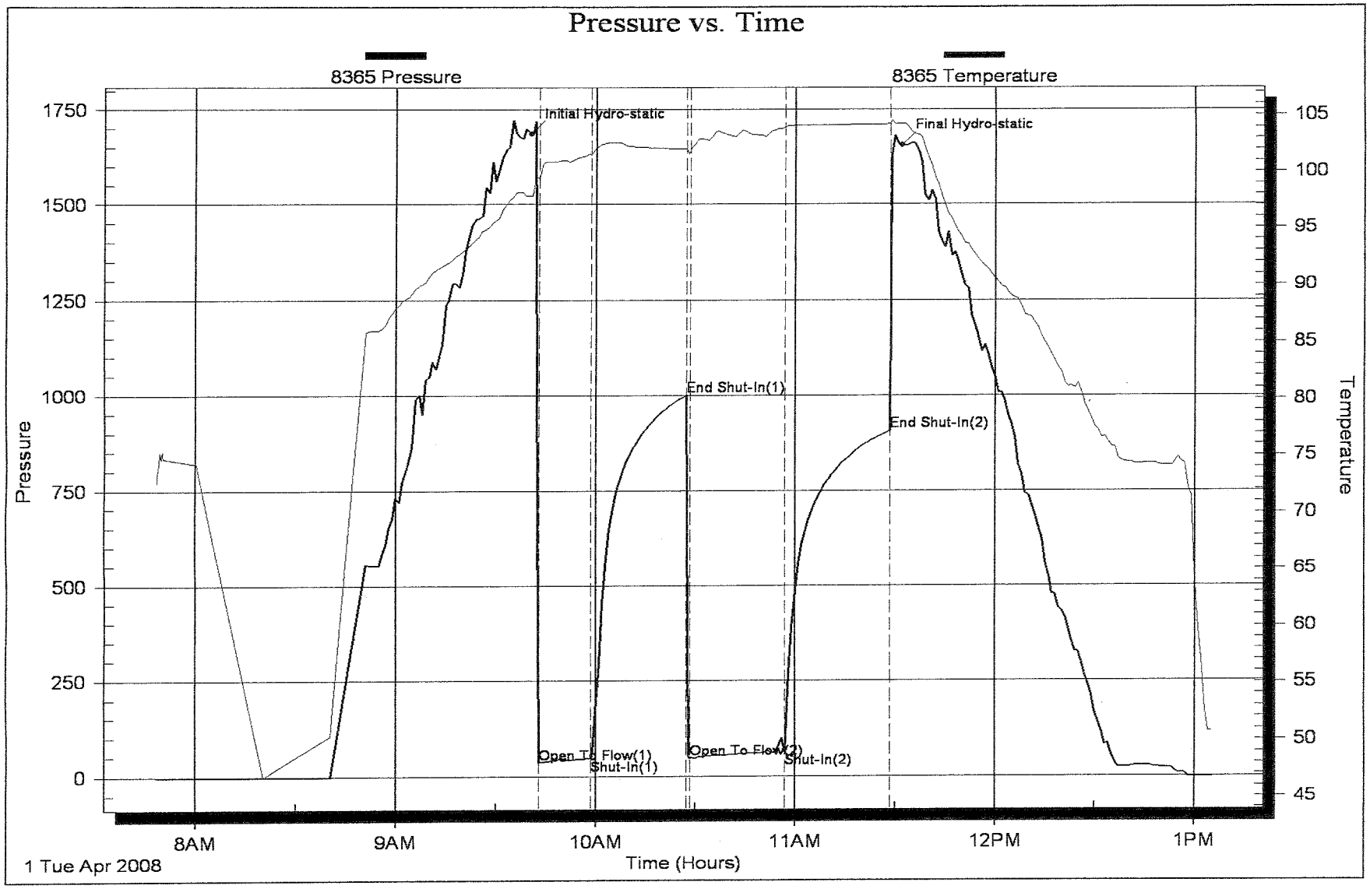
Recovery Information

Recovery Table

Length ft	Description	Volume bbl
50.00	M	0.861

Total Length: 50.00 ft Total Volume: 0.861 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:


Pressure vs. Time
8365 Pressure
8365 Temperature
Initial Hydro-static
Final Hydro-static
End Shut-In(1)
End Shut-In(2)
Open To Flow(1)
Shut-In(1)
Open To Flow(2)
Shut-In(2)
Pressure
Temperature
Time (Hours)
1 Tue Apr 2008
8AM
9AM
10AM
11AM
12PM
1PM
1750
1500
1250
1000
750
500
250
0
105
100
95
90
85
80
75
70
65
60
55
50
45