

TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Abarta Oil & Gas Co.,Inc.**

1000 Gamma Drive
Suite 400
Pittsburg, PA 15238

KCC
SEP 09 2010
CONFIDENTIAL

ATTN: Jim Musgrove

13-15s13w Russell KS

Sellens #2

Start Date: 2010.06.20 @ 09:30:57
End Date: 2010.06.20 @ 13:11:57
Job Ticket #: 38648 DST #: 1

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

RECEIVED
SEP 09 2010
KCC WICHITA

Abarta Oil & Gas Co.,Inc. Sellens #2 13-15s13w Russell KS DST # 1 Lansing "A-B" 2010.06.20

DRILL STEM TEST REPORT

Abarta Oil & Gas Co.,Inc.

1000 Gamma Drive
Suite 400
Pittsburg, PA 15238
ATTN: Jim Musgrove

Sellens #2

13-15s13w Russell KS

Job Ticket: 38648 **DST#: 1**

Test Start: 2010.06.20 @ 09:30:57

GENERAL INFORMATION:

Formation: **Lansing "A-B"**
Deviated: No Whipstock: ft (KB)
Time Tool Opened:
Time Test Ended: 13:11:57

Test Type: Conventional Bottom Hole
Tester: Jason McLemore
Unit No: 32

Interval: 3080.00 ft (KB) To 3110.00 ft (KB) (TVD)
Total Depth: 3110.00 ft (KB) (TVD)
Hole Diameter: 7.80 inches Hole Condition: Good

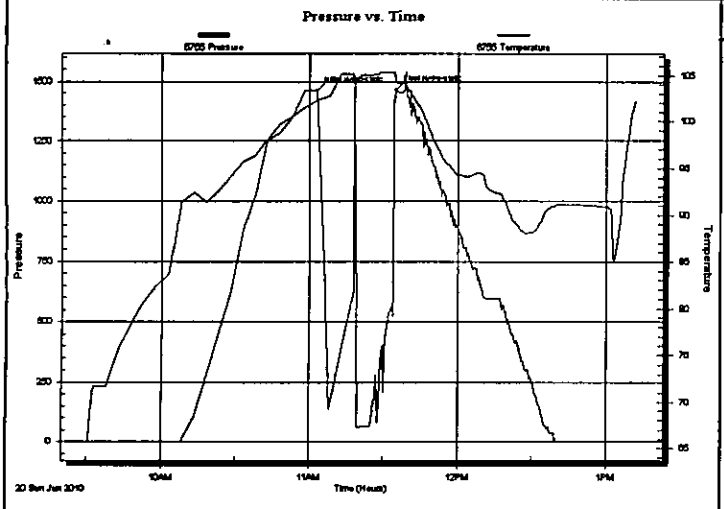
Reference Elevations: 1900.00 ft (KB)
1895.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 6755 **Inside**

Press@RunDepth: psig @ 3082.00 ft (KB)
Start Date: 2010.06.20 End Date: 2010.06.20
Start Time: 09:30:59 End Time: 13:11:57

Capacity: 8000.00 psig
Last Calib.: 2010.06.20
Time On Btm: 2010.06.20 @ 11:02:57
Time Off Btm: 2010.06.20 @ 11:34:57

TEST COMMENT: IFP-Slid Tool 18',Plugged Tool,Flush 2 times,Pull After 30 Min.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1463.62	102.33	Initial Hydro-static
32	1467.50	104.40	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
105.00	Drilling Mud	1.47

Gas Rates

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

TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

Abarta Oil & Gas Co.,Inc.

1000 Gamma Drive
Suite 400
Pittsburg, PA 15238
ATTN: Jim Musgrove

Sellens #2

13-15s13w Russell KS

Job Ticket: 38648 **DST#: 1**

Test Start: 2010.06.20 @ 09:30:57

Tool Information

Drill Pipe:	Length:	3062.00 ft	Diameter:	3.80 inches	Volume:	42.95 bbl	Tool Weight:		2000.00 lb
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	2.70 inches	Volume:	0.00 bbl	Weight set on Packer:		25000.00 lb
Drill Collar:	Length:	0.00 ft	Diameter:	2.25 inches	Volume:	0.00 bbl	Weight to Pull Loose:		60000.00 lb
					Total Volume:	42.95 bbl	Tool Chased		0.00 ft
Drill Pipe Above KB:		5.00 ft					String Weight:	Initial	35000.00 lb
Depth to Top Packer:		3080.00 ft						Final	35000.00 lb
Depth to Bottom Packer:		ft							
Interval between Packers:		30.00 ft							
Tool Length:		53.00 ft							
Number of Packers:		2	Diameter:	6.75 inches					

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Change Over Sub	1.00			3058.00		
Shut In Tool	5.00			3063.00		
Hydraulic tool	5.00			3068.00		
Safety Joint	2.00			3070.00		
Packer	5.00			3075.00	23.00	Bottom Of Top Packer
Packer	5.00			3080.00		
Stubb	1.00			3081.00		
Perforations	1.00			3082.00		
Recorder	0.00	6755	Inside	3082.00		
Recorder	0.00	8360	Outside	3082.00		
Perforations	25.00			3107.00		
Bullnose	3.00			3110.00	30.00	Bottom Packers & Anchor
Total Tool Length:	**53.00**					

TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Abarta Oil & Gas Co.,Inc.

1000 Gamma Drive
Suite 400
Pittsburg, PA 15238
ATTN: Jim Musgrove

Sellens #2

13-15s13w Russell KS

Job Ticket: 38648 **DST#: 1**

Test Start: 2010.06.20 @ 09:30:57

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:	44.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	8.28 in³	Gas Cushion Type:			
Resistivity:	ohm m	Gas Cushion Pressure:	psig		
Salinity:	4000.00 ppm				
Filter Cake:	inches				

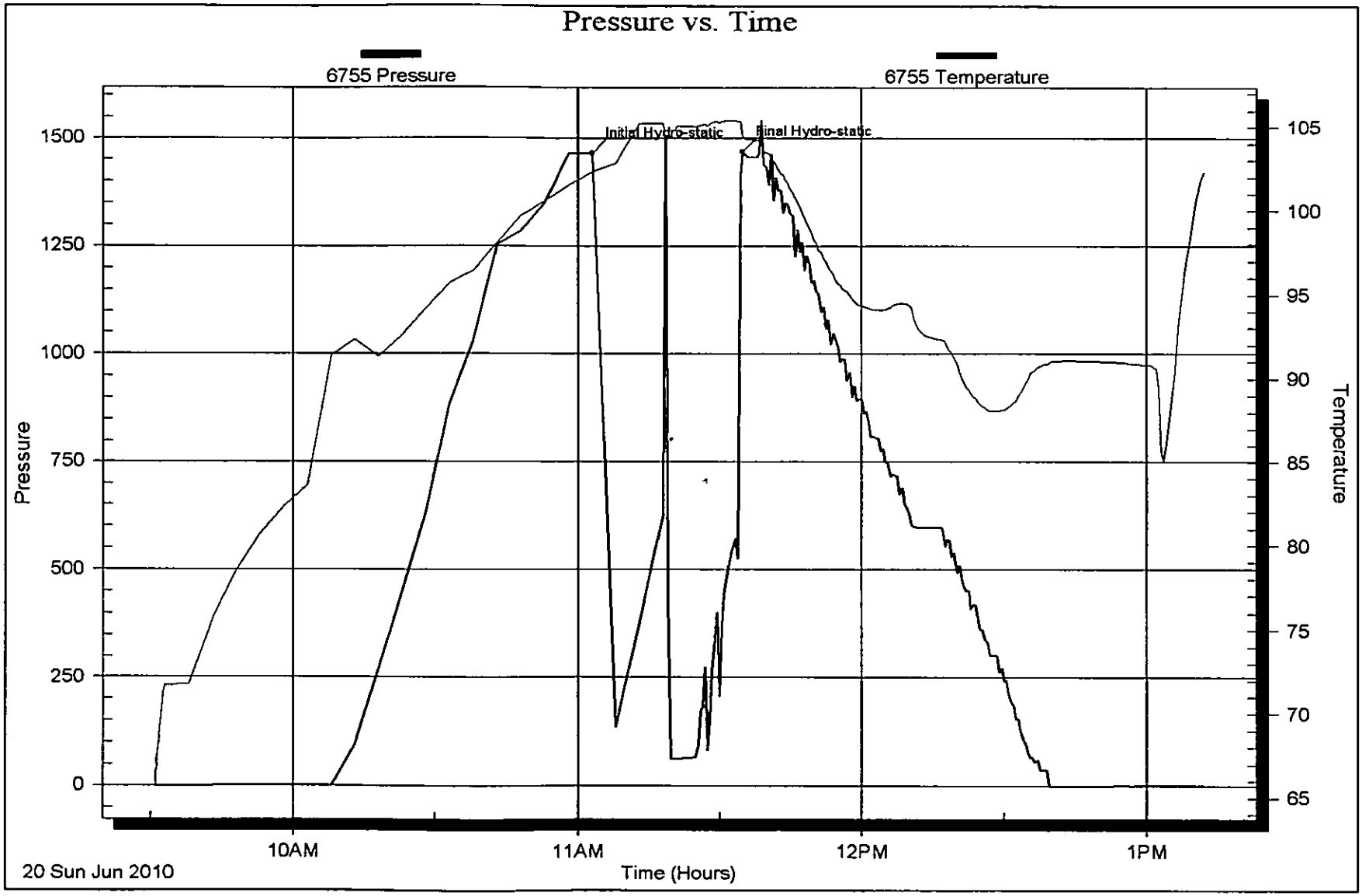
Recovery Information

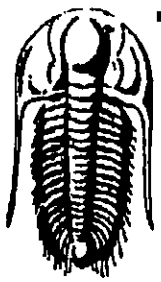
Recovery Table

Length ft	Description	Volume bbl
105.00	Drilling Mud	1.473

Total Length: 105.00 ft Total Volume: 1.473 bbl

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


Pressure vs. Time
6755 Pressure
6755 Temperature
Initial Hydro-static
Final Hydro-static
Pressure
Temperature
1500
1250
1000
750
500
250
0
105
100
95
90
85
80
75
70
65
10AM
11AM
12PM
1PM
Time (Hours)
20 Sun Jun 2010



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Abarta Oil & Gas Co.,Inc.**

1000 Gamma Drive
Suite 400
Pittsburg, PA 15238

ATTN: Jim Musgrove

13-15s13w Russell KS

Sellens #2

Start Date: 2010.06.20 @ 17:00:06
End Date: 2010.06.20 @ 22:48:06
Job Ticket #: 38649 DST #: 2

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

DRILL STEM TEST REPORT

Abarta Oil & Gas Co.,Inc.

1000 Gamma Drive
Suite 400
Pittsburg, PA 15238
ATTN: Jim Musgrove

Sellens #2

13-15s13w Russell KS

Job Ticket: 38649 **DST#: 2**

Test Start: 2010.06.20 @ 17:00:06

GENERAL INFORMATION:

Formation: **Lansing "A-B"**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 18:20:36
Time Test Ended: 22:48:06

Test Type: Conventional Bottom Hole
Tester: Jason McLemore
Unit No: 32

Interval: 3080.00 ft (KB) To 3110.00 ft (KB) (TVD)
Total Depth: 3110.00 ft (KB) (TVD)
Hole Diameter: 7.80 inches Hole Condition: Good

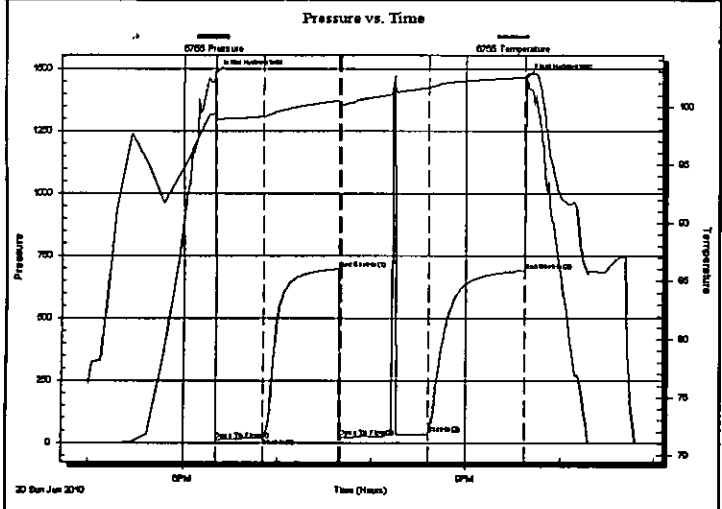
Reference Elevations: 1900.00 ft (KB)
1895.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 6755 **Inside**

Press@RunDepth: 35.76 psig @ 3082.00 ft (KB)
Start Date: 2010.06.20 End Date: 2010.06.20
Start Time: 17:00:08 End Time: 22:48:06

Capacity: 8000.00 psig
Last Calib.: 2010.06.20
Time On Btm: 2010.06.20 @ 18:20:06
Time Off Btm: 2010.06.20 @ 21:38:36

TEST COMMENT: IFP-Weak Blow ,Built to 1-3/4"
ISI-Dead
FFP-Dead,Flush Tool After 40 Min.,Surface Blow .
FSI-Dead



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1482.23	99.44	Initial Hydro-static
1	11.88	98.82	Open To Flow (1)
31	21.55	99.16	Shut-In(1)
79	696.40	100.48	End Shut-In(1)
80	24.60	100.16	Open To Flow (2)
136	35.76	101.68	Shut-In(2)
198	690.09	102.54	End Shut-In(2)
199	1466.79	102.81	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
55.00	Drilling Mud	0.77

Gas Rates

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

TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

Abarta Oil & Gas Co.,Inc.

1000 Gamma Drive
Suite 400
Pittsburg, PA 15238
ATTN: Jim Musgrove

Sellens #2

13-15s13w Russell KS

Job Ticket: 38649 **DST#: 2**

Test Start: 2010.06.20 @ 17:00:06

Tool Information

Drill Pipe:	Length:	3062.00 ft	Diameter:	3.80 inches	Volume:	42.95 bbl	Tool Weight:		2000.00 lb
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	2.70 inches	Volume:	0.00 bbl	Weight set on Packer:		25000.00 lb
Drill Collar:	Length:	0.00 ft	Diameter:	2.25 inches	Volume:	0.00 bbl	Weight to Pull Loose:		35000.00 lb
					Total Volume:	42.95 bbl	Tool Chased		0.00 ft
Drill Pipe Above KB:		5.00 ft					String Weight:	Initial	35000.00 lb
Depth to Top Packer:		3080.00 ft						Final	35000.00 lb
Depth to Bottom Packer:		ft							
Interval between Packers:		30.00 ft							
Tool Length:		53.00 ft							
Number of Packers:		2	Diameter:	6.75 inches					

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Change Over Sub	1.00			3058.00		
Shut In Tool	5.00			3063.00		
Hydraulic tool	5.00			3068.00		
Safety Joint	2.00			3070.00		
Packer	5.00			3075.00	23.00	Bottom Of Top Packer
Packer	5.00			3080.00		
Stubb	1.00			3081.00		
Perforations	1.00			3082.00		
Recorder	0.00	6755	Inside	3082.00		
Recorder	0.00	8360	Outside	3082.00		
Perforations	25.00			3107.00		
Bullnose	3.00			3110.00	30.00	Bottom Packers & Anchor
Total Tool Length:	**53.00**					

TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Abarta Oil & Gas Co.,Inc.

1000 Gamma Drive
Suite 400
Pittsburg, PA 15238
ATTN: Jim Musgrove

Sellens #2

13-15s13w Russell KS

Job Ticket: 38649 **DST#: 2**

Test Start: 2010.06.20 @ 17:00:06

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:	52.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	8.58 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	4000.00 ppm				
Filter Cake:	inches				

Recovery Information

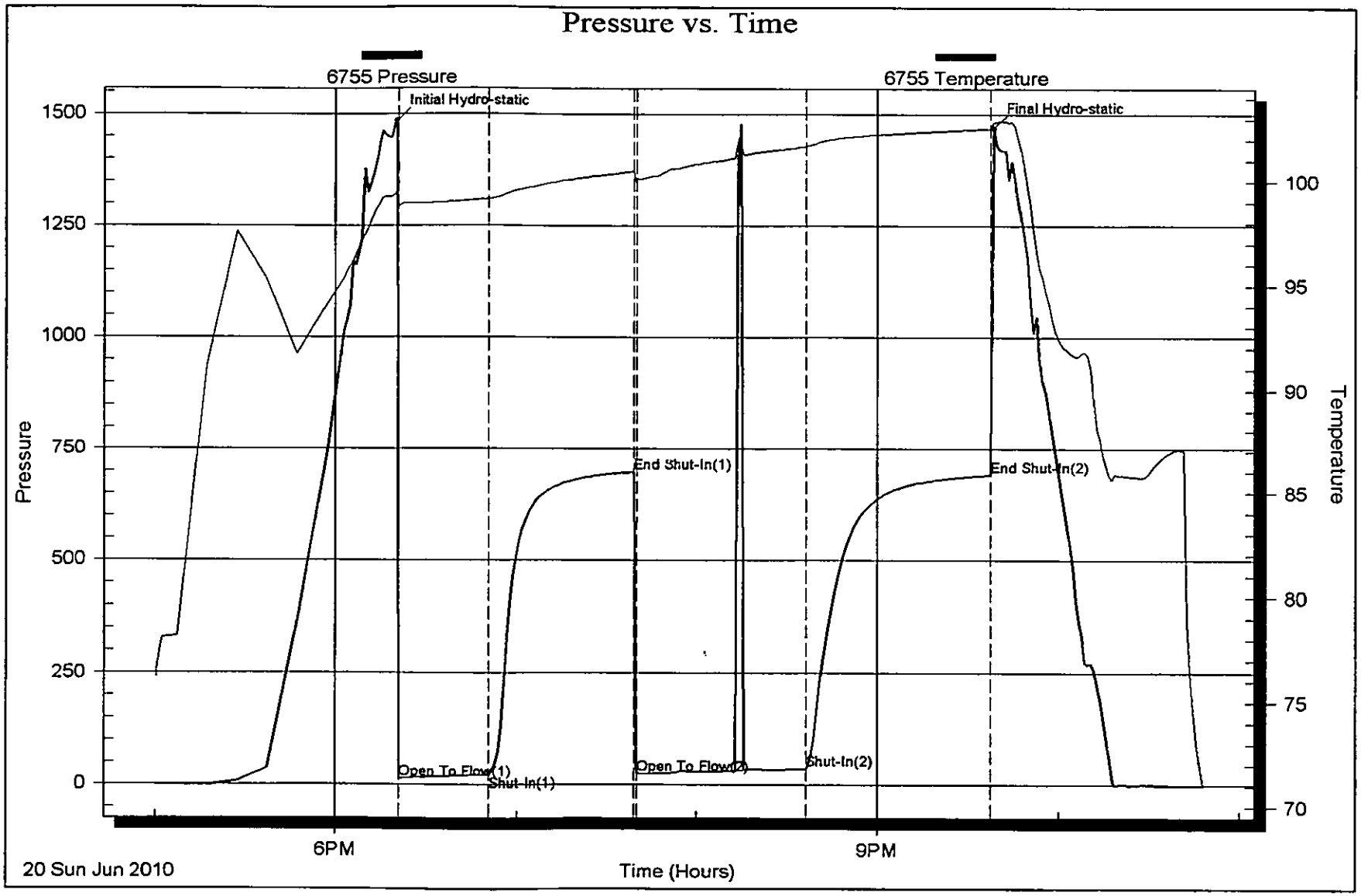
Recovery Table

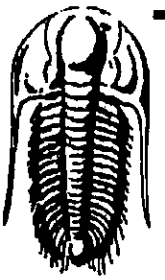
Length ft	Description	Volume bbl
55.00	Drilling Mud	0.772

Total Length: 55.00 ft Total Volume: 0.772 bbl

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

Serial #: 6755 Inside Abarta Oil & Gas Co.,Inc. 13-15s13w Russell KS DST Test Number: 2





TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Abarta Oil & Gas Co.,Inc.**

1000 Gamma Drive
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ATTN: Jim Musgrove

13-15s13w Russell KS

Sellens #2

Start Date: 2010.06.21 @ 17:56:57
End Date: 2010.06.22 @ 00:19:27
Job Ticket #: 38650 DST #: 3

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

DRILL STEM TEST REPORT

TRILOBITE TESTING, INC

Abarta Oil & Gas Co.,Inc.

1000 Gamma Drive
Suite 400
Pittsburg, PA 15238
ATTN: Jim Musgrove

Sellens #2

13-15s13w Russell KS

Job Ticket: 38650 **DST#: 3**

Test Start: 2010.06.21 @ 17:56:57

GENERAL INFORMATION:

Formation: **Arbuckle**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 19:15:27
Time Test Ended: 00:19:27

Test Type: Conventional Bottom Hole
Tester: Jason McLemore
Unit No: 32

Interval: 3314.00 ft (KB) To 3342.00 ft (KB) (TVD)
Total Depth: 3342.00 ft (KB) (TVD)
Hole Diameter: 7.80 inches Hole Condition: Good

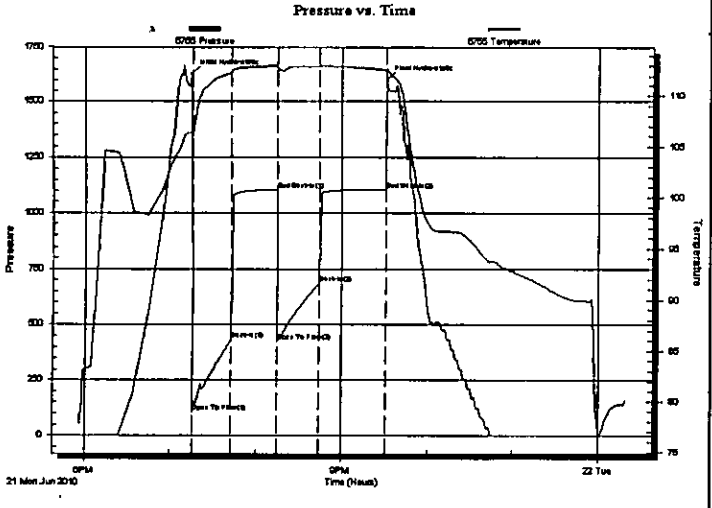
Reference Elevations: 1900.00 ft (KB)
1895.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 6755 **Inside**

Press@RunDepth: 684.36 psig @ 3318.00 ft (KB)
Start Date: 2010.06.21 End Date: 2010.06.22
Start Time: 17:56:59 End Time: 00:19:27

Capacity: 8000.00 psig
Last Calib.: 2010.06.21
Time On Btm: 2010.06.21 @ 19:14:27
Time Off Btm: 2010.06.21 @ 21:31:57

TEST COMMENT: IFP-Strong,BOB in 2 Min.
ISI-Dead
FFP-Strong,BOB in 2 Min.
FSI-Surface Blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1630.19	106.47	Initial Hydro-static
1	104.06	106.07	Open To Flow (1)
28	433.95	112.31	Shut-In(1)
60	1104.21	113.00	End Shut-In(1)
61	422.34	112.72	Open To Flow (2)
90	684.36	112.89	Shut-In(2)
137	1104.82	112.57	End Shut-In(2)
138	1604.07	112.61	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
140.00	GMWCO-20%G-50%O-25%W-5%M	1.96
1120.00	GHOCMW-35%G-35%O-25%W-5%M	15.71
300.00	Muddy Water-95%W-5%M	4.21

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

Abarta Oil & Gas Co.,Inc.

1000 Gamma Drive
Suite 400
Pittsburg, PA 15238
ATTN: Jim Musgrove

Sellens #2

13-15s13w Russell KS

Job Ticket: 38650 **DST#: 3**

Test Start: 2010.06.21 @ 17:56:57

Tool Information

Drill Pipe:	Length:	3311.00 ft	Diameter:	3.80 inches	Volume:	46.44 bbl	Tool Weight:	2000.00 lb
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	2.70 inches	Volume:	0.00 bbl	Weight set on Packer:	25000.00 lb
Drill Collar:	Length:	0.00 ft	Diameter:	2.25 inches	Volume:	0.00 bbl	Weight to Pull Loose:	50000.00 lb
					Total Volume:	46.44 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:		18.00 ft					String Weight: Initial	39000.00 lb
Depth to Top Packer:		3314.00 ft					Final	45000.00 lb
Depth to Bottom Packer:		ft						
Interval between Packers:		30.00 ft						
Tool Length:		51.00 ft						
Number of Packers:		2	Diameter:	6.75 inches				

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Change Over Sub	1.00			3294.00		
Shut In Tool	5.00			3299.00		
Hydraulic tool	5.00			3304.00		
Packer	5.00			3309.00	21.00	Bottom Of Top Packer
Packer	5.00			3314.00		
Stubb	3.00			3317.00		
Perforations	1.00			3318.00		
Recorder	0.00	6755	Inside	3318.00		
Recorder	0.00	8360	Outside	3318.00		
Perforations	23.00			3341.00		
Bullnose	3.00			3344.00	30.00	Bottom Packers & Anchor
Total Tool Length:	**51.00**					

DRILL STEM TEST REPORT

FLUID SUMMARY

Abarta Oil & Gas Co.,Inc.

1000 Gamma Drive
Suite 400
Pittsburg, PA 15238
ATTN: Jim Musgrove

Sellens #2

13-15s13w Russell KS

Job Ticket: 38650 **DST#: 3**

Test Start: 2010.06.21 @ 17:56:57

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:	29000 ppm
Viscosity:	48.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	8.78 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	5000.00 ppm				
Filter Cake:	inches				

Recovery Information

Recovery Table

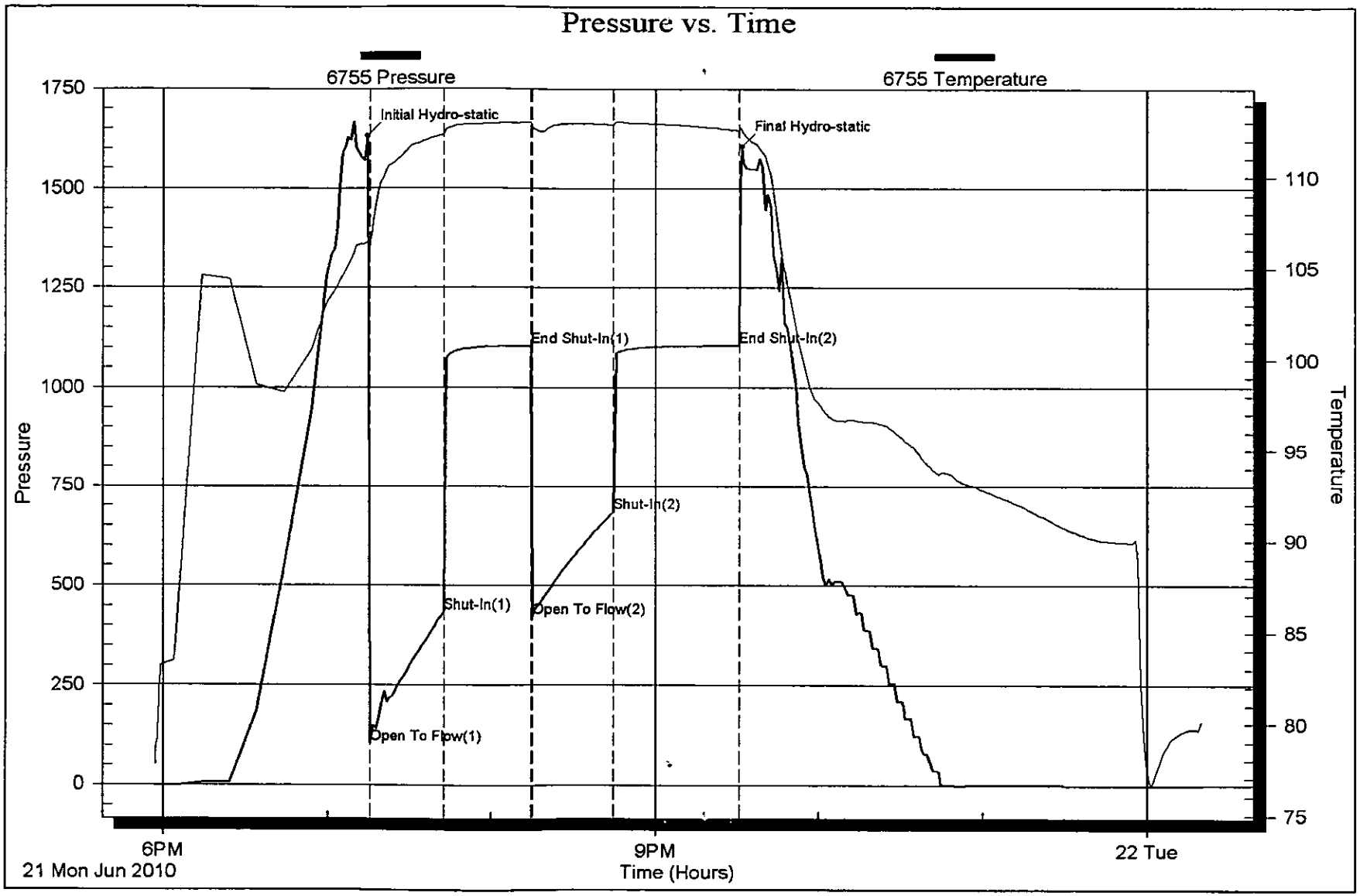
Length ft	Description	Volume bbl
140.00	GMWCO-20%G-50%O-25%W-5%M	1.964
1120.00	GHOCMW-35%G-35%O-25%W-5%M	15.711
300.00	Muddy Water-95%W-5%M	4.208

Total Length: 1560.00 ft Total Volume: 21.883 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments: RW .195 @ 82F = 29000 chlorides


Pressure vs. Time
6755 Pressure
6755 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
1750
1500
1250
1000
750
500
250
0
110
105
100
95
90
85
80
75
6PM
21 Mon Jun 2010
9PM
Time (Hours)
22 Tue