

TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Agricultural Energy Services**

1755 W Broadway St. Ste #6 Oviedo, FL
32765

ATTN: Tom Williams

15 33 33 Seward KS

Peters 3-15

Start Date: 2008.10.04 @ 19:49:07

End Date: 2008.10.05 @ 05:44:06

Job Ticket #: 31025

DST #: 1

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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



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DRILL STEM TEST REPORT

Agricultural Energy Services

Peters 3-15

1755 W Broadway St. Ste #6 Oviedo, FL 32765

15 33 33 Seward KS

ATTN: Tom Williams

Job Ticket: 31025

DST#: 1

Test Start: 2008.10.04 @ 19:49:07

GENERAL INFORMATION:

Formation: Toronto

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 22:40:56

Time Test Ended: 05:44:06

Test Type: Conventional Bottom Hole

Tester: Chris Hagman

Unit No: 34

Interval: 4270.00 ft (KB) To 4294.00 ft (KB) (TVD)

Total Depth: 4294.00 ft (KB) (TVD)

Hole Diameter: 7.78 inches Hole Condition: Good

Reference Elevations: 2837.00 ft (KB)

2827.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 6753

Inside

Press@RunDepth: 350.14 psig @ 4272.00 ft (KB)

Start Date: 2008.10.04

End Date:

2008.10.05

Capacity: 7000.00 psig

Last Calib.: 2008.10.05

Start Time: 19:49:07

End Time:

05:44:06

Time On Btmr: 2008.10.04 @ 22:40:36

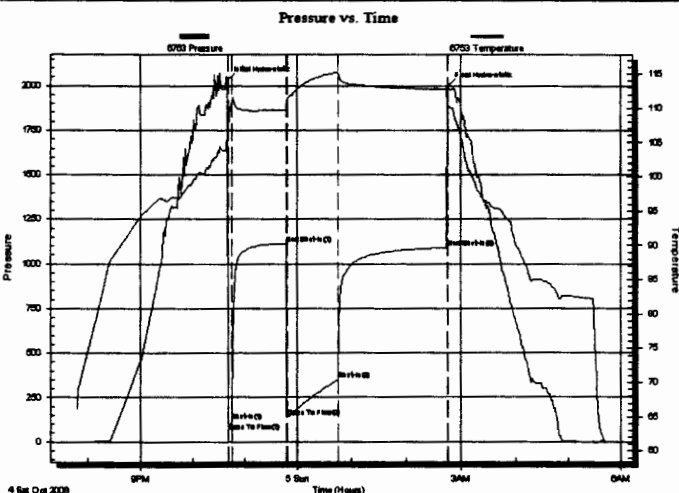
Time Off Btmr: 2008.10.05 @ 02:46:56

TEST COMMENT: IF: 10 inches in 5 min., strong building blow

IS: No blow back

FF: BOB 7 min., strong steady blow

FS: No blow back



PRESSURE SUMMARY

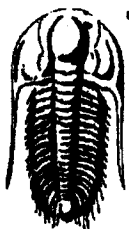
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2029.79	106.51	Initial Hydro-static
1	56.88	106.93	Open To Flow (1)
6	116.28	110.72	Shut-In(1)
68	1114.42	109.78	End Shut-In(1)
69	137.37	111.07	Open To Flow(2)
126	350.14	115.20	Shut-In(2)
246	1091.21	112.74	End Shut-In(2)
247	1996.66	110.40	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
620.00		6.47
62.00	water skim 0.80%W,20%M	0.87

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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TRILOBITE
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DRILL STEM TEST REPORT

TOOL DIAGRAM

Agricultural Energy Services

Peters 3-15

1755 W Broadway St. Ste #6 Oviedo, FL 32765

15 33 33 Seward KS

Job Ticket: 31025

DST#: 1

ATTN: Tom Williams

Test Start: 2008.10.04 @ 19:49:07

Tool Information

Drill Pipe:	Length: 4014.00 ft	Diameter: 3.80 inches	Volume: 56.31 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:	20000.00 lb
Drill Collar:	Length: 244.00 ft	Diameter: 2.25 inches	Volume: 1.20 bbl	Weight to Pull Loose:	90000.00 lb
		Total Volume:	57.51 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	16.00 ft			String Weight: Initial	80000.00 lb
Depth to Top Packer:	4270.00 ft			Final	80000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	24.00 ft				
Tool Length:	52.00 ft				
Number of Packers:	2	Diameter:	6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4243.00	
Shut In Tool	5.00			4248.00	
Hydraulic tool	5.00			4253.00	
Jars	5.00			4258.00	
Safety Joint	3.00			4261.00	
Packer	5.00			4266.00	28.00 Bottom Of Top Packer
Packer	4.00			4270.00	
Stubb	1.00			4271.00	
Perforations	1.00			4272.00	
Recorder	0.00	8322	Inside	4272.00	
Recorder	0.00	6753	Inside	4272.00	
Perforations	19.00			4291.00	
Bullnose	3.00			4294.00	24.00 Bottom Packers & Anchor

Total Tool Length: 52.00



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DRILL STEM TEST REPORT

FLUID SUMMARY

Agricultural Energy Services

Peters 3-15

1755 W Broadway St. Ste #6 Oviedo, FL 32765

15 33 33 Seward KS

Job Ticket: 31025

DST#: 1

ATTN: Tom Williams

Test Start: 2008.10.04 @ 19:49:07

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: 55000 ppm

Viscosity: 38.00 sec/qt

Cushion Volume:

bbl

Water Loss: 8.75 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2500.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
620.00	100%W	6.474
62.00	oily muddy water skim 0.80%W,20%M	0.870

Total Length: 682.00 ft

Total Volume: 7.344 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

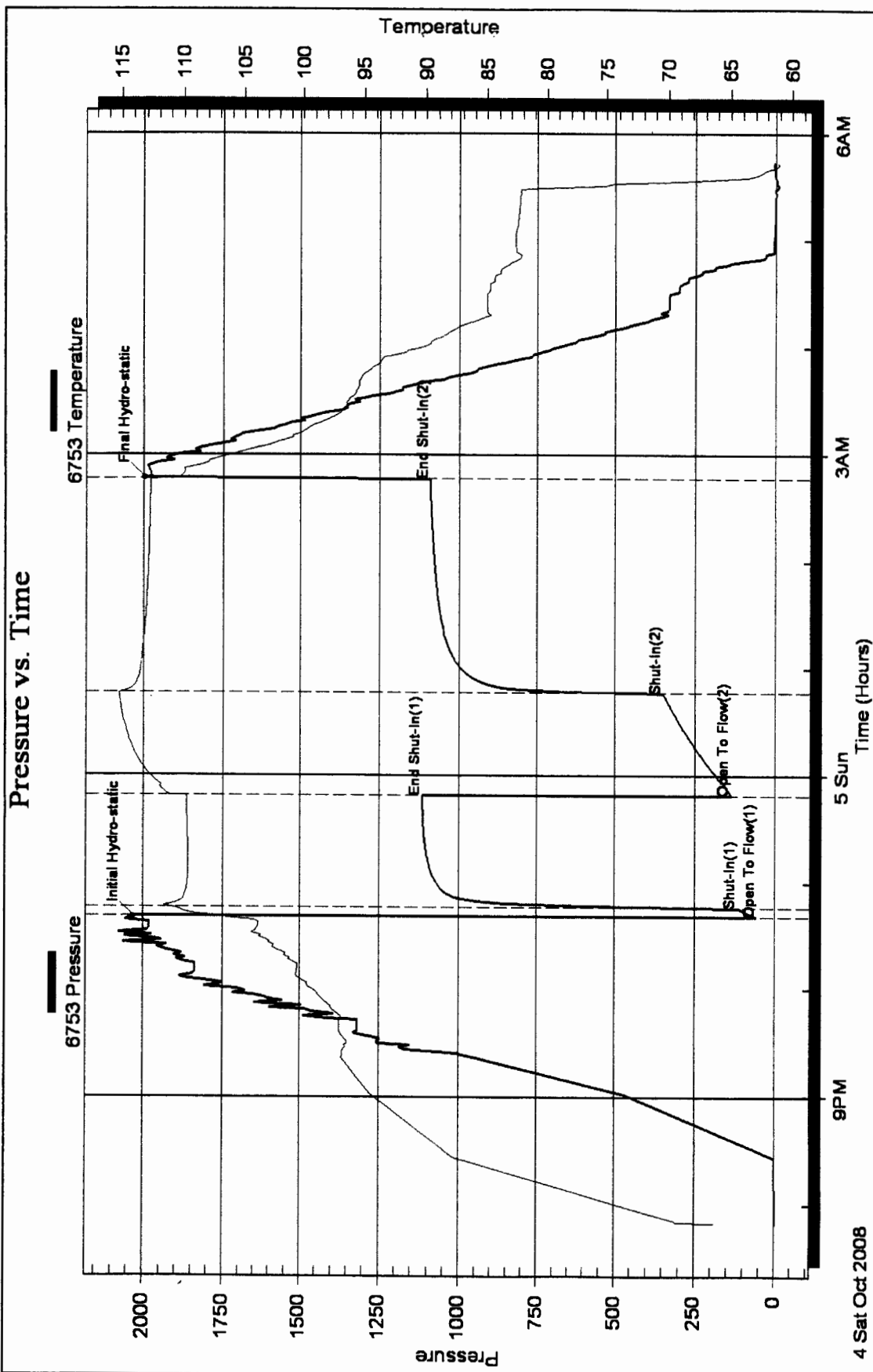
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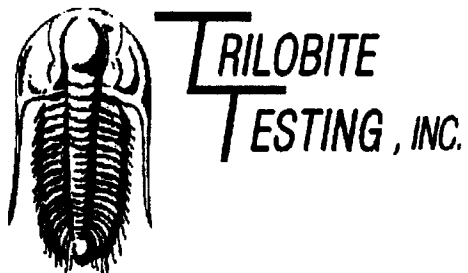
Laboratory Name:

Laboratory Location:

Recovery Comments: RW=127@74=55000ppm

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **Agricultural Energy Services**

1755 W Broadway St. Ste #6 Oviedo, FL
32765

ATTN: Tom Williams

15 33 33 Seward KS

Peters 3-15

Start Date: 2008.10.09 @ 01:14:13

End Date: 2008.10.09 @ 11:37:01

Job Ticket #: 31026 DST #: 2

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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



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DRILL STEM TEST REPORT

Agricultural Energy Services

Peters 3-15

1755 W Broadway St. Ste #6 Oviedo, FL 32765

15 33 33 Seward KS

ATTN: Tom Williams

Job Ticket: 31026

DST#: 2

Test Start: 2008.10.09 @ 01:14:13

GENERAL INFORMATION:

Formation: **Morrow**

Deviated: **No** Whipstock: **ft (KB)**

Time Tool Opened: 04:07:22

Time Test Ended: 11:37:01

Test Type: **Conventional Bottom Hole**

Tester: **Chris Hagman**

Unit No: **34**

Interval: **5610.00 ft (KB) To 5724.00 ft (KB) (TVD)**

Total Depth: **5724.00 ft (KB) (TVD)**

Hole Diameter: **7.78 inches** Hole Condition: **Good**

Reference Elevations: **2837.00 ft (KB)**

2827.00 ft (CF)

KB to GR/CF: **10.00 ft**

Serial #: 6753

Inside

Press@RunDepth: **368.78 psig @ 5612.00 ft (KB)**

Start Date: **2008.10.09**

End Date:

2008.10.09

Capacity: **7000.00 psig**

Last Calib.: **2008.10.09**

Start Time: **01:14:13**

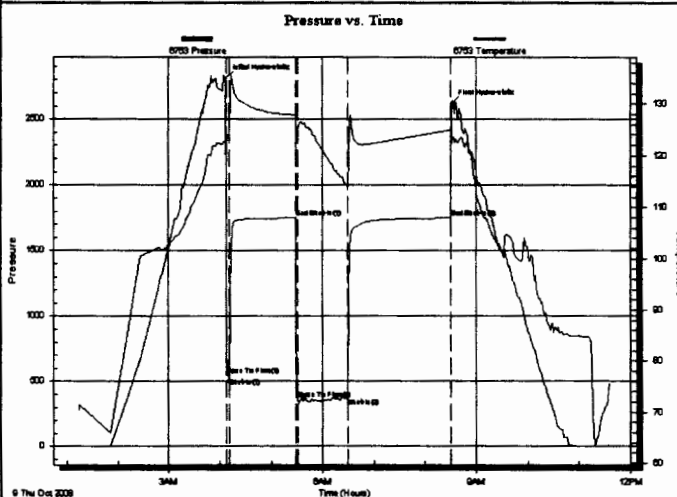
End Time:

11:37:01

Time On Btm: **2008.10.09 @ 04:07:02**

Time Off Btm: **2008.10.09 @ 08:31:32**

TEST COMMENT: IF: BOB ASAO, GTS 3 min., strong building blow
IS: No blow back
FF: BOB GTS ASAO, strong steady blow
FS: No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2808.20	122.50	Initial Hydro-static
1	544.73	122.03	Open To Flow (1)
4	458.75	124.13	Shut-in(1)
82	1750.51	127.88	End Shut-in(1)
85	361.47	125.21	Open To Flow (2)
142	368.78	114.15	Shut-in(2)
264	1750.23	124.98	End Shut-in(2)
265	2620.14	123.78	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
275.00	10%G,90%M	1.63

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	1.00	40.00	1563.94
Last Gas Rate	1.00	44.00	1678.93
Max. Gas Rate	1.00	44.00	1678.93



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DRILL STEM TEST REPORT

TOOL DIAGRAM

Agricultural Energy Services

Peters 3-15

1755 W Broadway St. Ste #6 Oviedo, FL 32765

15 33 33 Seward KS

Job Ticket: 31026

DST#: 2

ATTN: Tom Williams

Test Start: 2008.10.09 @ 01:14:13

Tool Information

Drill Pipe:	Length: 5343.00 ft	Diameter: 3.80 inches	Volume: 74.95 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: 20000.00 lb
Drill Collar:	Length: 244.00 ft	Diameter: 2.25 inches	Volume: 1.20 bbl	Weight to Pull Loose: 120000.0 lb
		Total Volume:	76.15 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	5.00 ft			String Weight: Initial 100000.0 lb
Depth to Top Packer:	5610.00 ft			Final 100000.0 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	114.00 ft			
Tool Length:	142.00 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			5583.00	
Shut In Tool	5.00			5588.00	
Hydraulic tool	5.00			5593.00	
Jars	5.00			5598.00	
Safety Joint	3.00			5601.00	
Packer	5.00			5606.00	28.00 Bottom Of Top Packer
Packer	4.00			5610.00	
Stubb	1.00			5611.00	
Perforations	1.00			5612.00	
Recorder	0.00	8322	Inside	5612.00	
Recorder	0.00	6753	Inside	5612.00	
Perforations	15.00			5627.00	
Change Over Sub	1.00			5628.00	
Drill Pipe	92.00			5720.00	
Change Over Sub	1.00			5721.00	
Bullnose	3.00			5724.00	114.00 Bottom Packers & Anchor
Total Tool Length:	142.00				



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FLUID SUMMARY

Agricultural Energy Services.

Peters 3-15

1755 W Broadway St. Ste #6 Oviedo, FL 32765

15 33 33 Seward KS

Job Ticket: 31026

DST#: 2

ATTN: Tom Williams

Test Start: 2008.10.09 @ 01:14:13

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:

3700 ppm

Viscosity: 48.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.17 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1600.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
275.00	10%G,90%M	1.635

Total Length: 275.00 ft Total Volume: 1.635 bbl

Num Fluid Samples: 0

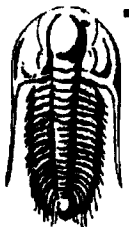
Num Gas Bombs: 1

Serial #:

Laboratory Name: Caraway

Laboratory Location: Liberal, KS

Recovery Comments: RW=1.345@84=3700ppm
5312' GIP



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DRILL STEM TEST REPORT

GAS RATES

Agricultural Energy Services

Peters 3-15

1755 W Broadway St. Ste #6 Oviedo, FL 32765

15 33 33 Seward KS

Job Ticket: 31026

DST#: 2

ATTN: Tom Williams

Test Start: 2008.10.09 @ 01:14:13

Gas Rates Information

Temperature: 59 deg C

Relative Density: 0.65

Z Factor: 0.8

Gas Rates Table

Flow Period	Elapsed Time	Choke (mm)	Pressure (kPaa)	Gas Rate (m ³ /d)
2	10	1.00	40.00	1563.94
2	10	1.00	40.00	1563.94
2	10	1.00	40.00	1563.94
2	20	1.00	40.00	1563.94
2	30	1.00	40.00	1563.94
2	40	1.00	42.00	1621.43
2	50	1.00	44.00	1678.93

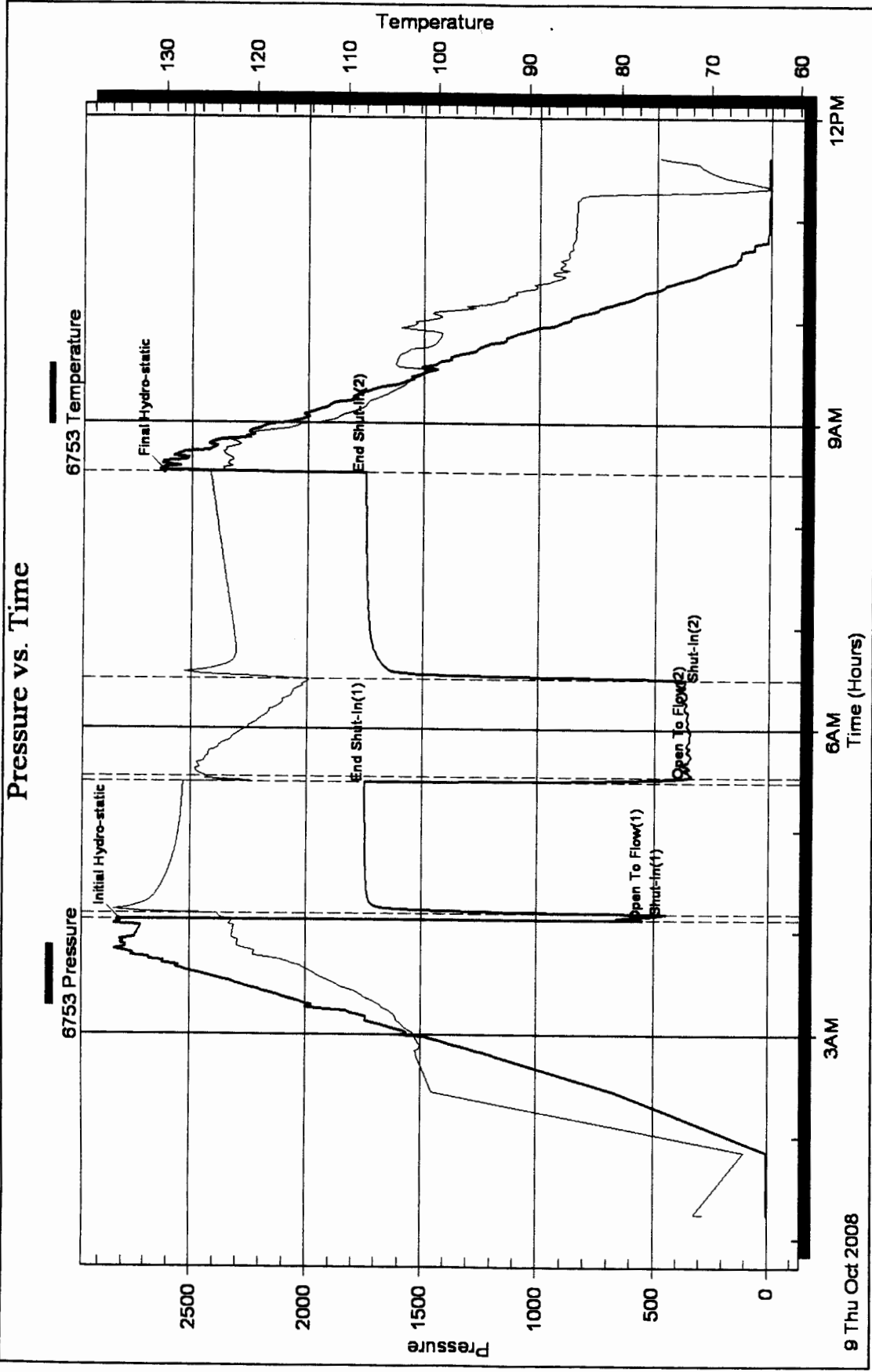
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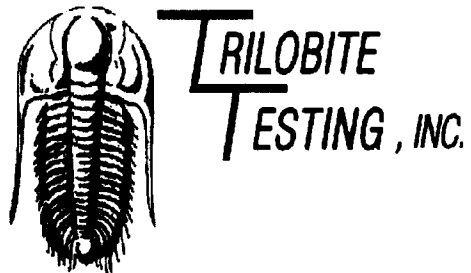
Inside

Agricultural Energy Services

15 33 33 Seward KS

DST Test Number: 2





DRILL STEM TEST REPORT

Prepared For: **Agricultural Energy Services**

1755 W Broadway St. Ste #6 Oviedo, FL
32765

ATTN: Tom Williams

15 33 33 Seward KS

Peters 3-15

Start Date: 2008.10.10 @ 15:57:19

End Date: 2008.10.11 @ 01:57:18

Job Ticket #: 31027 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

Agricultural Energy Services

Peters 3-15

1755 W Broadway St. Ste #6 Oviedo, FL 32765

15 33 33 Seward KS

ATTN: Tom Williams

Job Ticket: 31027

DST#: 3

Test Start: 2008.10.10 @ 15:57:19

GENERAL INFORMATION:

Formation: **Lower Morrow**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 18:48:28

Time Test Ended: 01:57:18

Test Type: Conventional Bottom Hole

Tester: Chris Hagman

Unit No: 34

Interval: **5795.00 ft (KB) To 5852.00 ft (KB) (TVD)**

Reference Elevations: 2837.00 ft (KB)

Total Depth: 5852.00 ft (KB) (TVD)

2827.00 ft (CF)

Hole Diameter: 7.78 inches Hole Condition: Good

KB to GR/CF: 10.00 ft

Serial #: 6753

Inside

Press@RunDepth: 61.44 psig @ 5797.00 ft (KB)

Capacity: 7000.00 psig

Start Date: 2008.10.10

End Date:

2008.10.11

Last Calib.: 2008.10.11

Start Time: 15:57:19

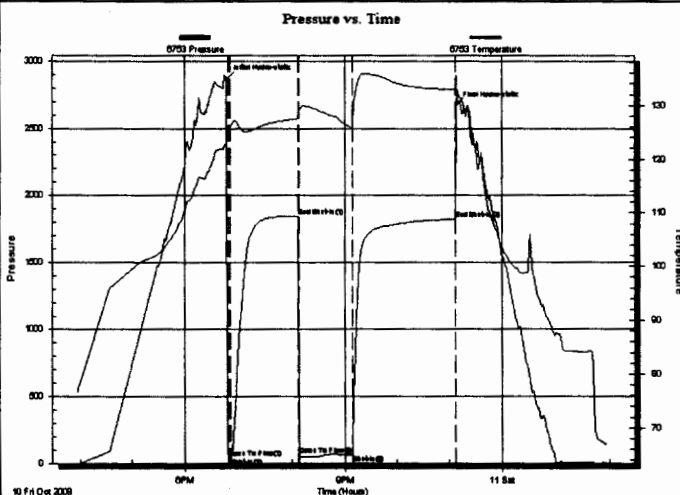
End Time:

01:57:18

Time On Btm: 2008.10.10 @ 18:47:18

Time Off Btm: 2008.10.10 @ 23:08:38

TEST COMMENT: IF: BOB 30 sec., strong steady blow
IS: No blow back
FF: BOB ASAO, GTS 10 min., strong steady blow
FS: No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2872.18	122.96	Initial Hydro-static
2	42.66	125.63	Open To Flow (1)
4	40.09	126.15	Shut-In (1)
81	1845.96	127.57	End Shut-In (1)
82	66.36	129.14	Open To Flow (2)
142	61.44	125.70	Shut-In (2)
261	1823.45	132.99	End Shut-In (2)
262	2672.98	135.48	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	5%G,95%M	0.30

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.25	8.00	35.54
Last Gas Rate	0.50	21.00	238.80
Max. Gas Rate	0.38	30.00	162.65



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Agricultural Energy Services

Peters 3-15

1755 W Broadway St. Ste #6 Oviedo, FL 32765

15 33 33 Seward KS

Job Ticket: 31027

DST#: 3

ATTN: Tom Williams

Test Start: 2008.10.10 @ 15:57:19

Tool Information

Drill Pipe:	Length: 5527.00 ft	Diameter: 3.80 inches	Volume: 77.53 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:	20000.00 lb
Drill Collar:	Length: 244.00 ft	Diameter: 2.25 inches	Volume: 1.20 bbl	Weight to Pull Loose:	140000.0 lb
		Total Volume:	78.73 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	4.00 ft			String Weight: Initial	102000.0 lb
Depth to Top Packer:	5795.00 ft			Final	102000.0 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	57.00 ft				
Tool Length:	85.00 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			5768.00	
Shut In Tool	5.00			5773.00	
Hydraulic tool	5.00			5778.00	
Jars	5.00			5783.00	
Safety Joint	3.00			5786.00	
Packer	5.00			5791.00	28.00 Bottom Of Top Packer
Packer	4.00			5795.00	
Stubb	1.00			5796.00	
Perforations	1.00			5797.00	
Recorder	0.00	8322	Inside	5797.00	
Recorder	0.00	6753	Inside	5797.00	
Perforations	19.00			5816.00	
Change Over Sub	1.00			5817.00	
Drill Pipe	31.00			5848.00	
Change Over Sub	1.00			5849.00	
Bullnose	3.00			5852.00	57.00 Bottom Packers & Anchor
Total Tool Length:		85.00			



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DRILL STEM TEST REPORT

FLUID SUMMARY

Agricultural Energy Services

Peters 3-15

1755 W Broadway St. Ste #6 Oviedo, FL 32765

15 33 33 Seward KS

Job Ticket: 31027

DST#: 3

ATTN: Tom Williams

Test Start: 2008.10.10 @ 15:57:19

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

3700 ppm

Viscosity: 51.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.18 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1100.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	5%G,95%M	0.295

Total Length: 60.00 ft Total Volume: 0.295 bbl

Num Fluid Samples: 0

Num Gas Bombs: 1

Serial #:

Laboratory Name: Caraway

Laboratory Location: Liberal, KS

Recovery Comments: RW=1.349@84=3700ppm

GIP=5711'



**TRILOBITE
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DRILL STEM TEST REPORT

GAS RATES

Agricultural Energy Services

Peters 3-15

1755 W Broadway St. Ste #6 Oviedo, FL 32765

15 33 33 Seward KS

Job Ticket: 31027

DST#: 3

ATTN: Tom Williams

Test Start: 2008.10.10 @ 15:57:19

Gas Rates Information

Temperature: 59 deg C

Relative Density: 0.65

Z Factor: 0.8

Gas Rates Table

Flow Period	Elapsed Time	Choke (mm)	Pressure (kPaa)	Gas Rate (m³/d)
2	20	0.25	8.00	35.54
2	20	0.25	8.00	35.54
2	20	0.25	22.00	57.75
2	40	0.38	30.00	162.65
2	50	0.50	22.00	245.54
2	60	0.50	21.00	238.80

DST Test Number: 3

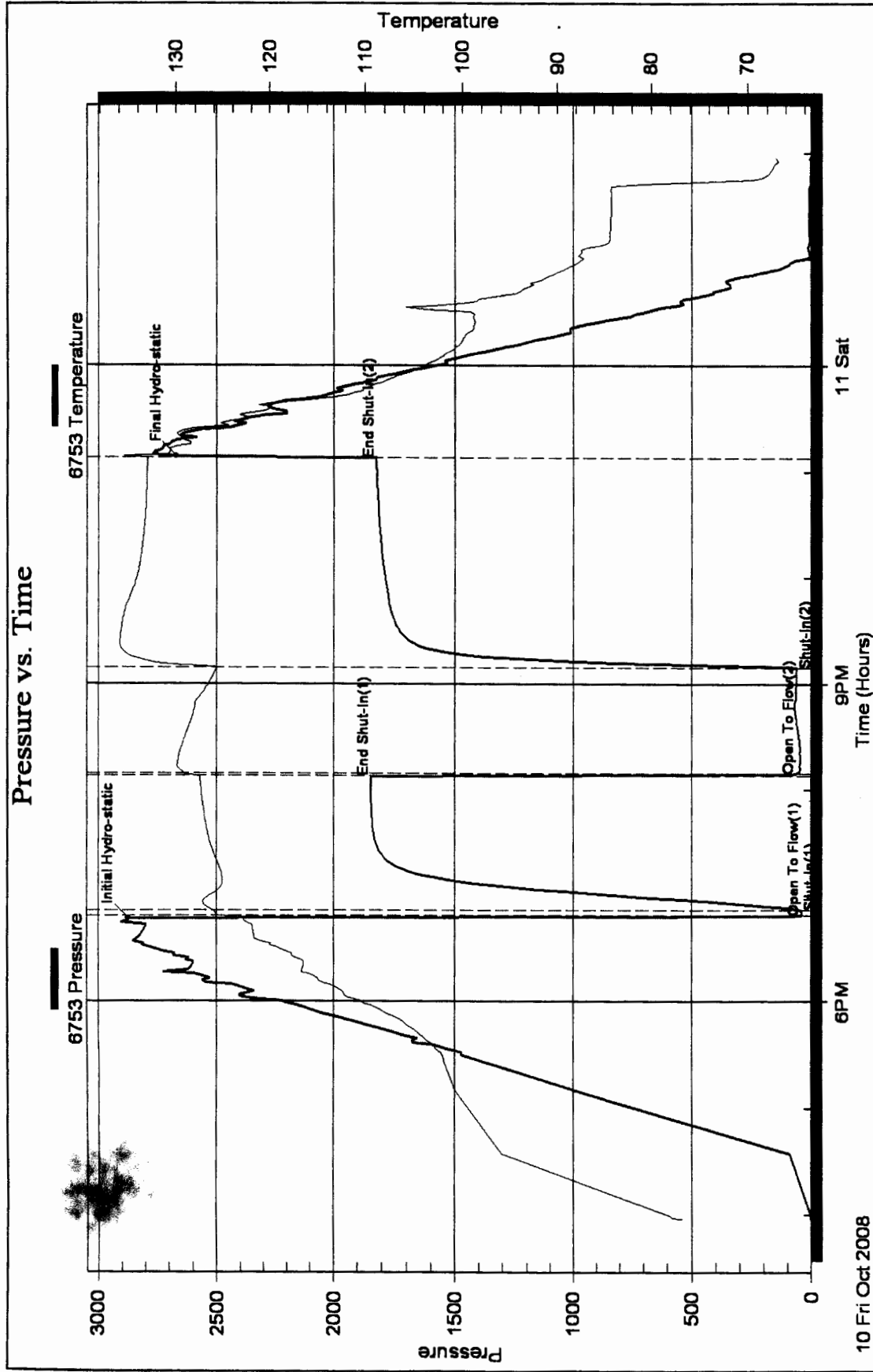
15 33 33 Sew and KS

Agricultural Energy Services

Inside

Serial #: 6753

Pressure vs. Time





TRILOBITE
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DRILL STEM TEST REPORT

Prepared For: **Agricultural Energy Services**

1755 W Broadway St. Ste #6 Oviedo, FL
32765

ATTN: Tom Williams

15 33 33 Seward KS

Peters 3-15

Start Date: 2008.10.11 @ 20:46:37

End Date: 2008.10.12 @ 07:03:36

Job Ticket #: 31028

DST #: 4

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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



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DRILL STEM TEST REPORT

Agricultural Energy Services

1755 W Broadway St. Ste #6 Oviedo, FL 32765

ATTN: Tom Williams

Peters 3-15

15 33 33 Seward KS

Job Ticket: 31028

DST#: 4

Test Start: 2008.10.11 @ 20:46:37

GENERAL INFORMATION:

Formation: **U. Chester**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 23:26:16

Time Test Ended: 07:03:36

Test Type: Conventional Bottom Hole

Tester: Chris Hagman

Unit No: 34

Interval: **5858.00 ft (KB) To 5950.00 ft (KB) (TVD)**

Total Depth: 5950.00 ft (KB) (TVD)

Hole Diameter: 7.78 inches Hole Condition: Good

Reference Elevations: 2837.00 ft (KB)

2827.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 6753

Inside

Press@RunDepth: 33.35 psig @ 5860.00 ft (KB)

Start Date: 2008.10.11

End Date:

2008.10.12

Start Time: 20:46:37

End Time:

07:03:36

Capacity: 7000.00 psig

Last Calib.: 2008.10.12

Time On Btm: 2008.10.11 @ 23:25:36

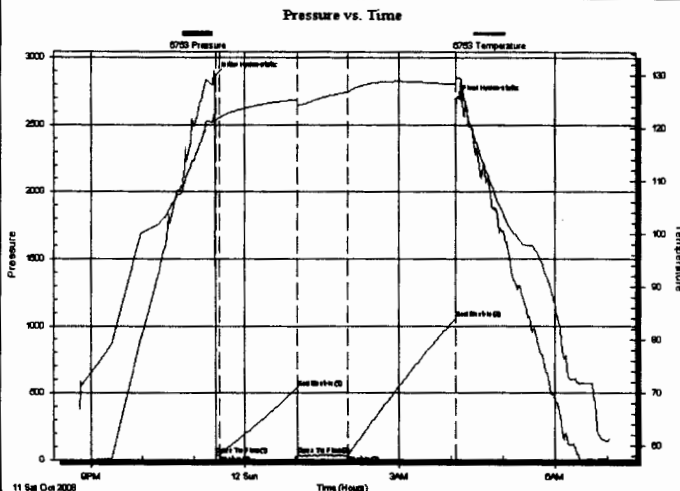
Time Off Btm: 2008.10.12 @ 04:05:26

TEST COMMENT: IF: 4 inches in 3 min., weak building blow

FF: No blow back

FF: BOB ASAO, strong steady blow

FSI: No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2862.04	121.93	Initial Hydro-static
1	35.99	120.86	Open To Flow (1)
6	36.68	121.89	Shut-In (1)
97	540.00	125.30	End Shut-In (1)
98	33.58	124.12	Open To Flow (2)
156	33.35	126.78	Shut-In (2)
280	1054.95	128.24	End Shut-In (2)
280	2692.19	130.91	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
15.00		0.07

Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

Agricultural Energy Services

Peters 3-15

1755 W Broadway St. Ste #6 Oviedo, FL 32765

15 33 33 Seward KS

Job Ticket: 31028

DST#: 4

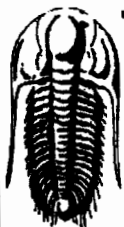
ATTN: Tom Williams

Test Start: 2008.10.11 @ 20:46:37

Tool Information

Drill Pipe:	Length: 5590.00 ft	Diameter: 3.80 inches	Volume: 78.41 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:	20000.00 lb
Drill Collar:	Length: 244.00 ft	Diameter: 2.25 inches	Volume: 1.20 bbl	Weight to Pull Loose:	120000.0 lb
		Total Volume:	79.61 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	4.00 ft			String Weight: Initial	104000.0 lb
Depth to Top Packer:	5858.00 ft			Final	104000.0 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	92.00 ft				
Tool Length:	120.00 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			5831.00	
Shut In Tool	5.00			5836.00	
Hydraulic tool	5.00			5841.00	
Jars	5.00			5846.00	
Safety Joint	3.00			5849.00	
Packer	5.00			5854.00	28.00 Bottom Of Top Packer
Packer	4.00			5858.00	
Stubb	1.00			5859.00	
Perforations	1.00			5860.00	
Recorder	0.00	8322	Inside	5860.00	
Recorder	0.00	6753	Inside	5860.00	
Perforations	23.00			5883.00	
Change Over Sub	1.00			5884.00	
Drill Pipe	62.00			5946.00	
Change Over Sub	1.00			5947.00	
Bullnose	3.00			5950.00	92.00 Bottom Packers & Anchor
Total Tool Length:	120.00				



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Agricultural Energy Services

Peters 3-15

1755 W Broadway St. Ste #6 Oviedo, FL 32765

15 33 33 Seward KS

Job Ticket: 31028

DST#: 4

ATTN: Tom Williams

Test Start: 2008.10.11 @ 20:46:37

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:

4000 ppm

Viscosity: 50.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.19 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1300.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
15.00	5%G,95%M	0.074

Total Length: 15.00 ft Total Volume: 0.074 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW=1.372@80F=4000ppm

Serial #: 6753

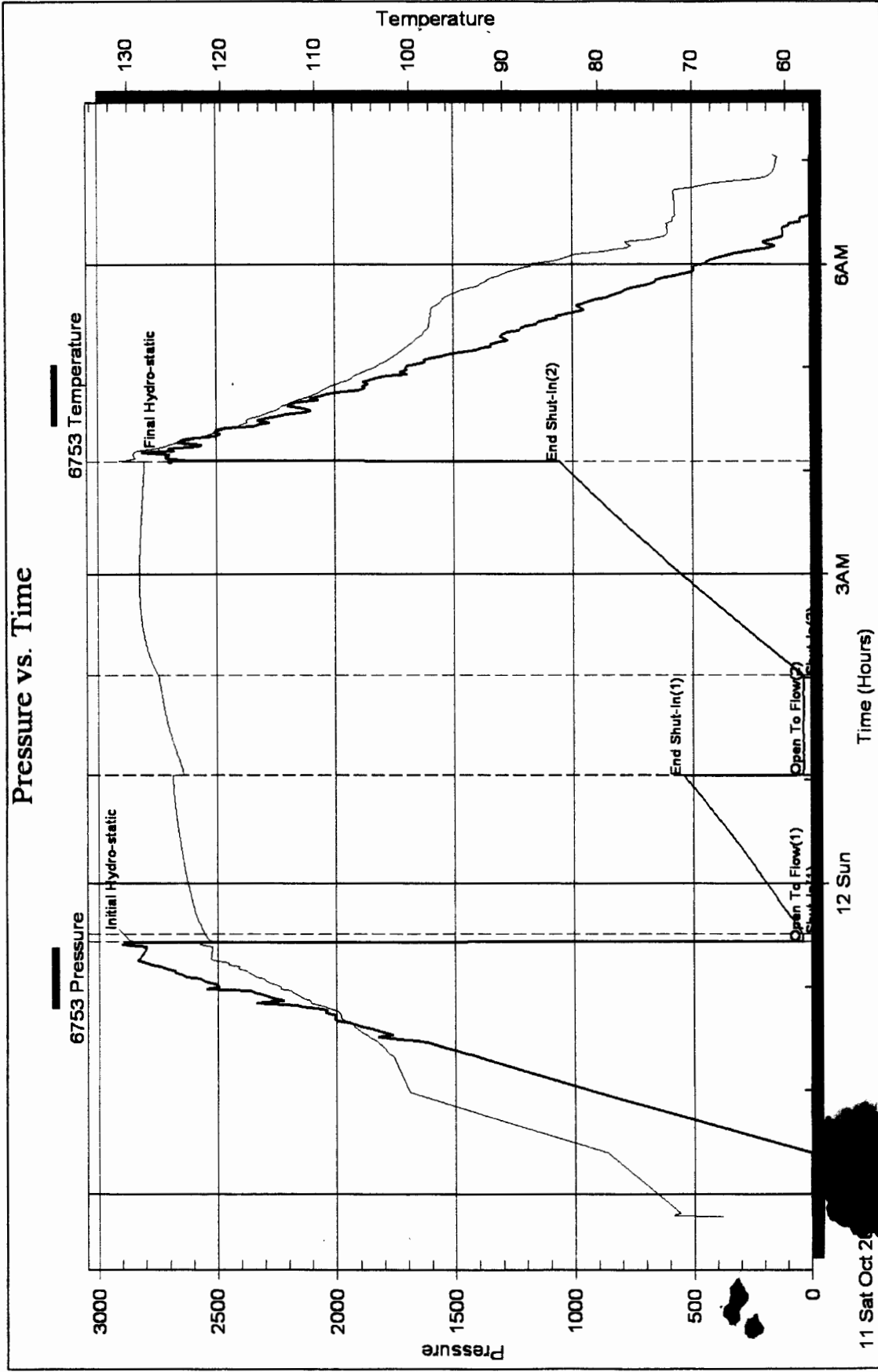
Inside

Agricultural Energy Services

15 33 33 Sew ard KS

DST Test Number: 4

Pressure vs. Time



Trilobite Testing, Inc

Ref. No: 31028

Printed: 2008.10.17 @ 10:12:42 Page 5