

TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Daystar Petroleum Inc**

PO Box 360
Valley Center KS 67147

ATTN: Brad Rine

23 31S 31W Seward KS

Barnhardt # A-4

Start Date: 2008.02.24 @ 12:06:01
End Date: 2008.02.24 @ 20:13:20
Job Ticket #: 26365 DST #: 1

CONFIDENTIAL
JUN 0 4 2008
KCC

RECEIVED
KANSAS CORPORATION COMMISSION
JUN 0 9 2008
CONSERVATION DIVISION
WICHITA, KS

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

DRILL STEM TEST REPORT

TRILOBITE TESTING, INC

Daystar Petroleum Inc

PO Box 360
Valley Center KS 67147

ATTN: Brad Rine

Barnhardt # A-4

23 31S 31W Seward KS

Job Ticket: 26365 **DST#:1**

Test Start: 2008.02.24 @ 12:06:01

GENERAL INFORMATION:

Formation: **Chase**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 13:53:50
Time Test Ended: 20:13:20

Test Type: Conventional Bottom Hole
Tester: Chris Hagman
Unit No: 34

Interval: 2655.00 ft (KB) To 2720.00 ft (KB) (TVD)
Total Depth: 2720.00 ft (KB) (TVD)
Hole Diameter: 7.78 inches Hole Condition: Good

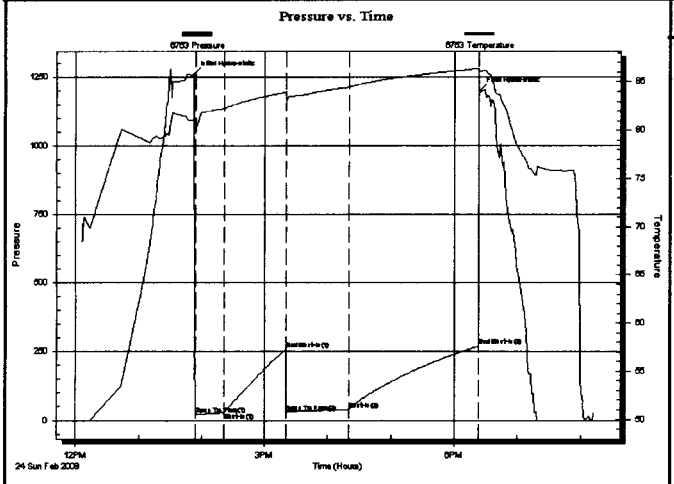
Reference Elevations: 2812.00 ft (KB)
2802.00 ft (CF)
KB to GR/CF: 10.00 ft

Serial #: 6753 **Inside**

Press@RunDepth: 37.70 psig @ 2659.00 ft (KB)
Start Date: 2008.02.24 End Date: 2008.02.24
Start Time: 12:06:01 End Time: 20:13:20

Capacity: 7000.00 psig
Last Calib.: 1899.12.30
Time On Btm: 2008.02.24 @ 13:52:30
Time Off Btm: 2008.02.24 @ 18:23:50

TEST COMMENT: IF 7 " in 30 min. fair building blow
ISI No blow back
FF BOB 16 min. strong steady blow
FSI No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1259.98	81.13	Initial Hydro-static
2	20.26	80.12	Open To Flow(1)
29	26.73	82.28	Shut-In(1)
88	259.65	83.96	End Shut-In(1)
88	28.67	83.13	Open To Flow(2)
148	37.70	84.46	Shut-In(2)
271	270.06	86.39	End Shut-In(2)
272	1199.59	86.06	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
15.00	100%M	0.07

Gas Rates

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

TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

Daystar Petroleum Inc

PO Box 360
Valley Center KS 67147

ATTN: Brad Rine

Barnhardt # A-4

23 31S 31W Seward KS

Job Ticket: 26365 **DST#:1**

Test Start: 2008.02.24 @ 12:06:01

Tool Information

Drill Pipe:	Length:	2076.00 ft	Diameter:	3.80	inches	Volume:	29.12 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:	579.00 ft	Diameter:	2.25	inches	Volume:	2.85 bbl	Weight to Pull Loose:	80000.00 lb
						Total Volume:	31.97 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:		28.00 ft						String Weight: Initial	65000.00 lb
Depth to Top Packer:		2655.00 ft						Final	65000.00 lb
Depth to Bottom Packer:		ft							
Interval between Packers:		65.00 ft							
Tool Length:		93.00 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			2628.00		
Shut In Tool	5.00			2633.00		
Hydraulic tool	5.00			2638.00		
Jars	5.00			2643.00		
Safety Joint	3.00			2646.00		
Packer	5.00			2651.00	28.00	Bottom Of Top Packer
Packer	4.00			2655.00		
Stubb	1.00			2656.00		
Perforations	3.00			2659.00		
Recorder	0.00	8322	Inside	2659.00		
Recorder	0.00	6753	Inside	2659.00		
Perforations	25.00			2684.00		
Change Over Sub	1.00			2685.00		
Drill Pipe	31.00			2716.00		
Change Over Sub	1.00			2717.00		
Bullnose	3.00			2720.00	65.00	Bottom Packers & Anchor
Total Tool Length:	**93.00**					

TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Daystar Petroleum Inc

PO Box 360
Valley Center KS 67147

ATTN: Brad Rine

Barnhardt # A-4

23 31S 31W Seward KS

Job Ticket: 26365 **DST#:1**

Test Start: 2008.02.24 @ 12:06:01

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:	3400 ppm
Viscosity:	36.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	100.00 ppm				
Filter Cake:	inches				

Recovery Information

Recovery Table

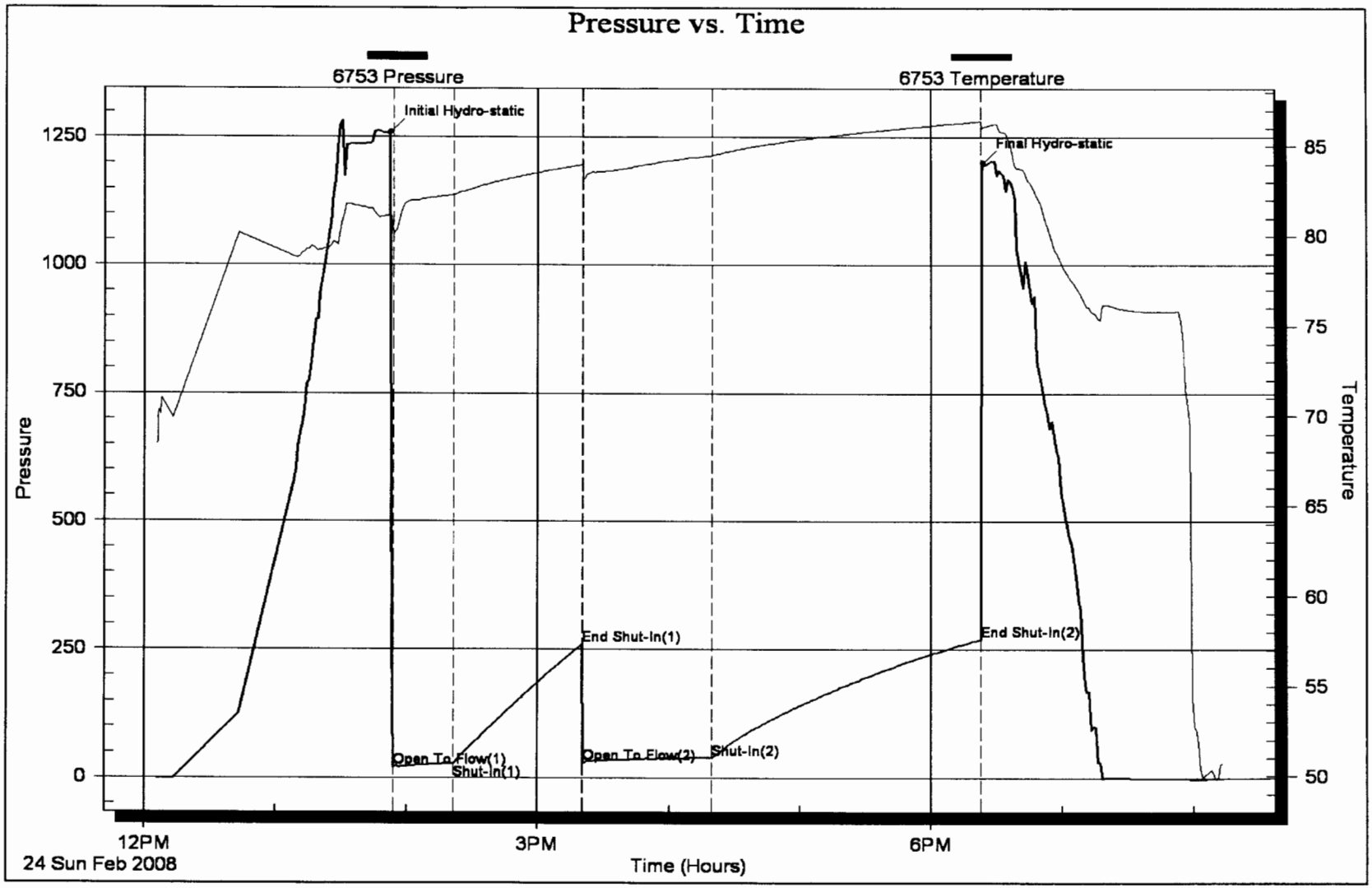
Length ft	Description	Volume bbl
15.00	100%M	0.074

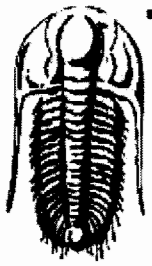
Total Length: 15.00 ft Total Volume: 0.074 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments: RW=1.728@67F=3400ppm


Pressure vs. Time
6753 Pressure
6753 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
1250
1000
750
500
250
0
85
80
75
70
65
60
55
50
12PM
3PM
6PM
24 Sun Feb 2008
Time (Hours)



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Daystar Petroleum Inc**

PO Box 360
Valley Center KS 67147

ATTN: Brad Rine

23 31S 31W Seward KS

Barnhardt # A-4

Start Date: 2008.02.26 @ 02:06:23
End Date: 2008.02.26 @ 10:12:22
Job Ticket #: 26366 DST #: 2

RECEIVED
KANSAS CORPORATION COMMISSION
JUN 09 2008
CONSERVATION DIVISION
WICHITA, KS

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

DRILL STEM TEST REPORT

TRILOBITE TESTING, INC

Daystar Petroleum Inc

PO Box 360
Valley Center KS 67147

ATTN: Brad Rine

Barnhardt # A-4

23 31S 31W Seward KS

Job Ticket: 26366 **DST#:2**

Test Start: 2008.02.26 @ 02:06:23

GENERAL INFORMATION:

Formation: **U. Penn.**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 04:40:02
Time Test Ended: 10:12:22

Test Type: Conventional Bottom Hole
Tester: Chris Hagman
Unit No: 34

Interval: 3375.00 ft (KB) To 3411.00 ft (KB) (TVD)
Total Depth: 3411.00 ft (KB) (TVD)
Hole Diameter: 7.78 inches Hole Condition: Good

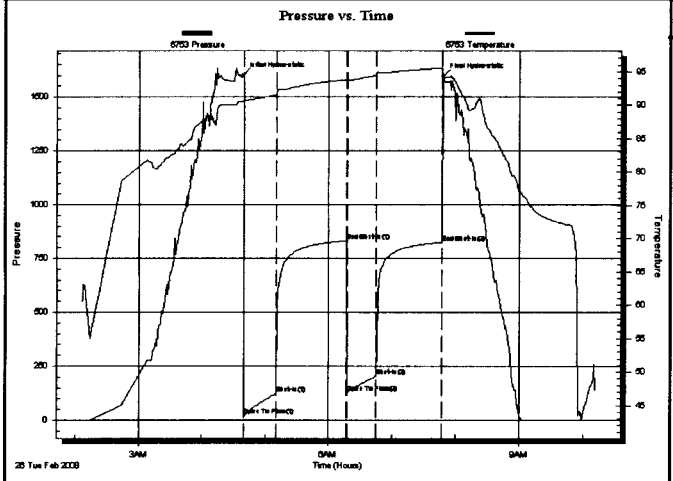
Reference Elevations: 2812.00 ft (KB)
2802.00 ft (CF)
KB to GR/CF: 10.00 ft

Serial #: 6753 **Inside**

Press@RunDepth: 202.13 psig @ 3378.00 ft (KB)
Start Date: 2008.02.26 End Date: 2008.02.26
Start Time: 02:06:23 End Time: 10:12:22

Capacity: 7000.00 psig
Last Calib.: 1899.12.30
Time On Btm: 2008.02.26 @ 04:39:02
Time Off Btm: 2008.02.26 @ 07:47:32

TEST COMMENT: IF 9 " in 30 min. strong building blow
ISI No blow back
FF 5 " in 30 min. weak building blow
FSI No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1600.37	90.60	Initial Hydro-static
1	18.67	90.74	Open To Flow(1)
32	123.58	91.65	Shut-In(1)
98	830.99	93.84	End Shut-In(1)
99	128.17	93.72	Open To Flow(2)
126	202.13	94.53	Shut-In(2)
188	824.17	95.56	End Shut-In(2)
189	1594.77	94.23	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
246.00	MW 95%W 5%M	1.21
124.00	MW 60%W 40%M	0.61
20.00	WM 5%W 95%M	0.10

Gas Rates

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

TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

Daystar Petroleum Inc

PO Box 360
Valley Center KS 67147

ATTN: Brad Rine

Barnhardt # A-4

23 31S 31W Seward KS

Job Ticket: 26366 **DST#:2**

Test Start: 2008.02.26 @ 02:06:23

Tool Information

Drill Pipe:	Length:	2793.00 ft	Diameter:	3.80	inches	Volume:	39.18 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:	579.00 ft	Diameter:	2.25	inches	Volume:	2.85 bbl	Weight to Pull Loose:	80000.00 lb
						Total Volume:	42.03 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:		25.00 ft						String Weight: Initial	60000.00 lb
Depth to Top Packer:		3375.00 ft						Final	62000.00 lb
Depth to Bottom Packer:		ft							
Interval between Packers:		36.00 ft							
Tool Length:		64.00 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			3348.00		
Shut In Tool	5.00			3353.00		
Hydraulic tool	5.00			3358.00		
Jars	5.00			3363.00		
Safety Joint	3.00			3366.00		
Packer	5.00			3371.00	28.00	Bottom Of Top Packer
Packer	4.00			3375.00		
Stubb	1.00			3376.00		
Perforations	2.00			3378.00		
Recorder	0.00	8322	Inside	3378.00		
Recorder	0.00	6753	Inside	3378.00		
Perforations	30.00			3408.00		
Bullnose	3.00			3411.00	36.00	Bottom Packers & Anchor
Total Tool Length:	**64.00**					

TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Daystar Petroleum Inc

PO Box 360
Valley Center KS 67147

ATTN: Brad Rine

Barnhardt # A-4

23 31S 31W Seward KS

Job Ticket: 26366 **DST#:2**

Test Start: 2008.02.26 @ 02:06:23

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:	58000 ppm
Viscosity:	38.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	18000.00 ppm				
Filter Cake:	inches				

Recovery Information

Recovery Table

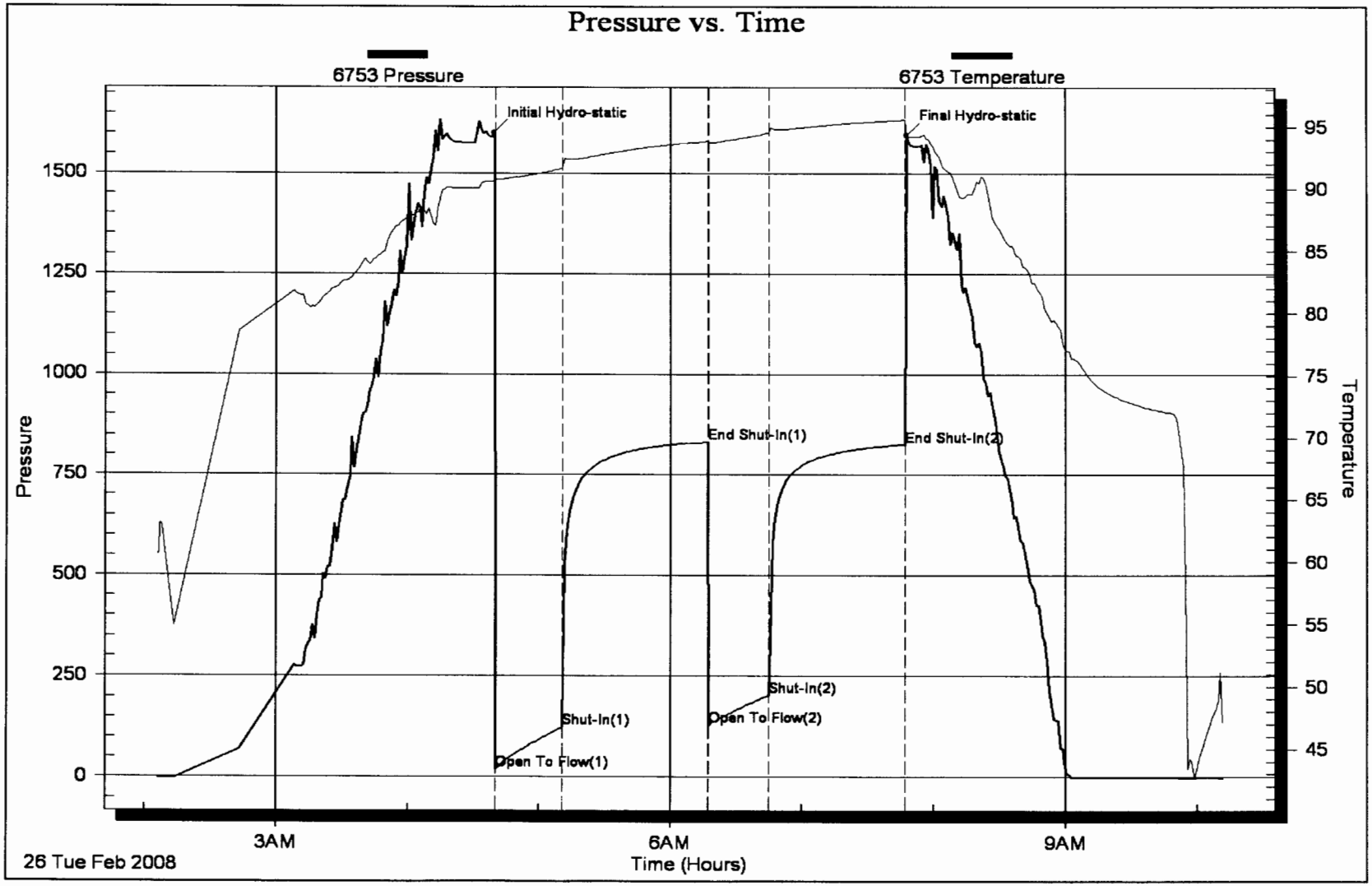
Length ft	Description	Volume bbl
246.00	MW 95%W 5%M	1.210
124.00	MW 60%W 40%M	0.610
20.00	WM 5%W 95%M	0.098

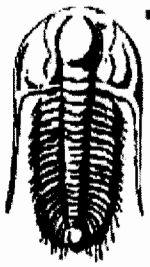
Total Length: 390.00 ft Total Volume: 1.918 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments: RW=.157@50F=58,000ppm


Pressure vs. Time
6753 Pressure
6753 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
95
90
85
80
75
70
65
60
55
50
45
3AM
6AM
9AM
Time (Hours)
26 Tue Feb 2008



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Daystar Petroleum Inc**

PO Box 360
Valley Center KS 67147

ATTN: Brad Rine

23 31S 31W Seward KS

Barnhardt # A-4

Start Date: 2008.02.29 @ 01:08:18
End Date: 2008.02.29 @ 10:44:27
Job Ticket #: 26367 DST #: 3

RECEIVED
KANSAS CORPORATION COMMISSION
JUN 09 2008
CONSERVATION DIVISION
WICHITA, KS

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

DRILL STEM TEST REPORT

Daystar Petroleum Inc

PO Box 360
Valley Center KS 67147

ATTN: Brad Rine

Barnhardt # A-4

23 31S 31W Seward KS

Job Ticket: 26367 **DST#:3**

Test Start: 2008.02.29 @ 01:08:18

GENERAL INFORMATION:

Formation: **Swope**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 04:35:47
Time Test Ended: 10:44:27

Test Type: Conventional Bottom Hole
Tester: Chris Hagman
Unit No: 34

Interval: 4778.00 ft (KB) To 4810.00 ft (KB) (TVD)
Total Depth: 4810.00 ft (KB) (TVD)
Hole Diameter: 7.78 inches Hole Condition: Good

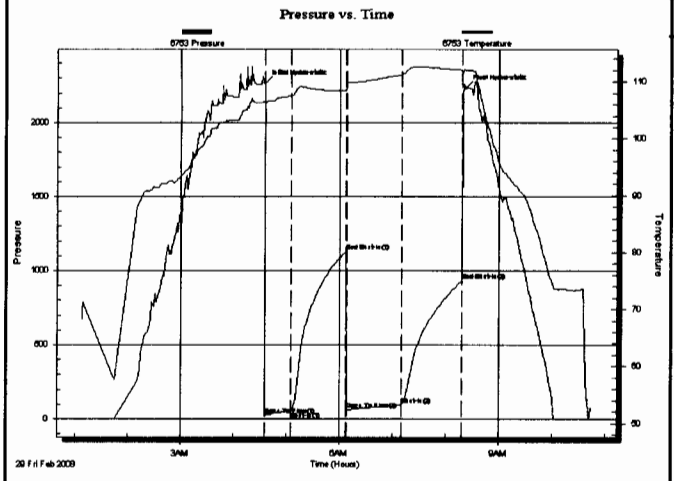
Reference Elevations: 2812.00 ft (KB)
2802.00 ft (CF)
KB to GR/CF: 10.00 ft

Serial #: 6753 **Inside**

Press@RunDepth: 52.57 psig @ 4780.00 ft (KB)
Start Date: 2008.02.29 End Date: 2008.02.29
Start Time: 01:08:18 End Time: 10:44:27

Capacity: 7000.00 psig
Last Calib.: 1899.12.30
Time On Btm: 2008.02.29 @ 04:35:17
Time Off Btm: 2008.02.29 @ 08:22:37

TEST COMMENT: IF 2 " in 30 min. weak surface blow
ISI No blow back
FF 1.5 " in 60 min. weak surface blow
FSI No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2265.90	106.35	Initial Hydro-static
1	22.63	106.05	Open To Flow(1)
30	52.57	107.50	Shut-In(1)
92	1129.10	108.45	End Shut-In(1)
93	64.45	109.02	Open To Flow(2)
155	93.34	111.20	Shut-In(2)
224	933.68	112.02	End Shut-In(2)
228	2231.80	112.01	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
62.00	MW 70%W 30%M	0.30
62.00	OM 5%O 95%M	0.30

Gas Rates

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

TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

Daystar Petroleum Inc

PO Box 360
Valley Center KS 67147

ATTN: Brad Rine

Barnhardt # A-4

23 31S 31W Seward KS

Job Ticket: 26367 **DST#:3**

Test Start: 2008.02.29 @ 01:08:18

Tool Information

Drill Pipe:	Length:	4508.00 ft	Diameter:	3.80	inches	Volume:	63.24	bbl	
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	0.00	inches	Volume:	0.00	bbl	
Drill Collar:	Length:	275.00 ft	Diameter:	2.25	inches	Volume:	1.35	bbl	
						Total Volume:	64.59	bbl	

Drill Pipe Above KB:	33.00 ft
Depth to Top Packer:	4778.00 ft
Depth to Bottom Packer:	ft
Interval between Packers:	32.00 ft
Tool Length:	60.00 ft
Number of Packers:	2
Diameter:	6.75 inches

Tool Weight:	2000.00 lb
Weight set on Packer:	20000.00 lb
Weight to Pull Loose:	60000.00 lb
Tool Chased	0.00 ft
String Weight: Initial	58000.00 lb
Final	58000.00 lb

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Change Over Sub	1.00			4751.00		
Shut In Tool	5.00			4756.00		
Hydraulic tool	5.00			4761.00		
Jars	5.00			4766.00		
Safety Joint	3.00			4769.00		
Packer	5.00			4774.00	28.00	Bottom Of Top Packer
Packer	4.00			4778.00		
Stubb	1.00			4779.00		
Perforations	1.00			4780.00		
Recorder	0.00	8322	Inside	4780.00		
Recorder	0.00	6753	Inside	4780.00		
Perforations	27.00			4807.00		
Bullnose	3.00			4810.00	32.00	Bottom Packers & Anchor
Total Tool Length:	**60.00**					

TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Daystar Petroleum Inc

PO Box 360
Valley Center KS 67147

ATTN: Brad Rine

Barnhardt # A-4

23 31S 31W Seward KS

Job Ticket: 26367 **DST#:3**

Test Start: 2008.02.29 @ 01:08:18

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:	40000 ppm
Viscosity:	41.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	9.54 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	4000.00 ppm				
Filter Cake:	inches				

Recovery Information

Recovery Table

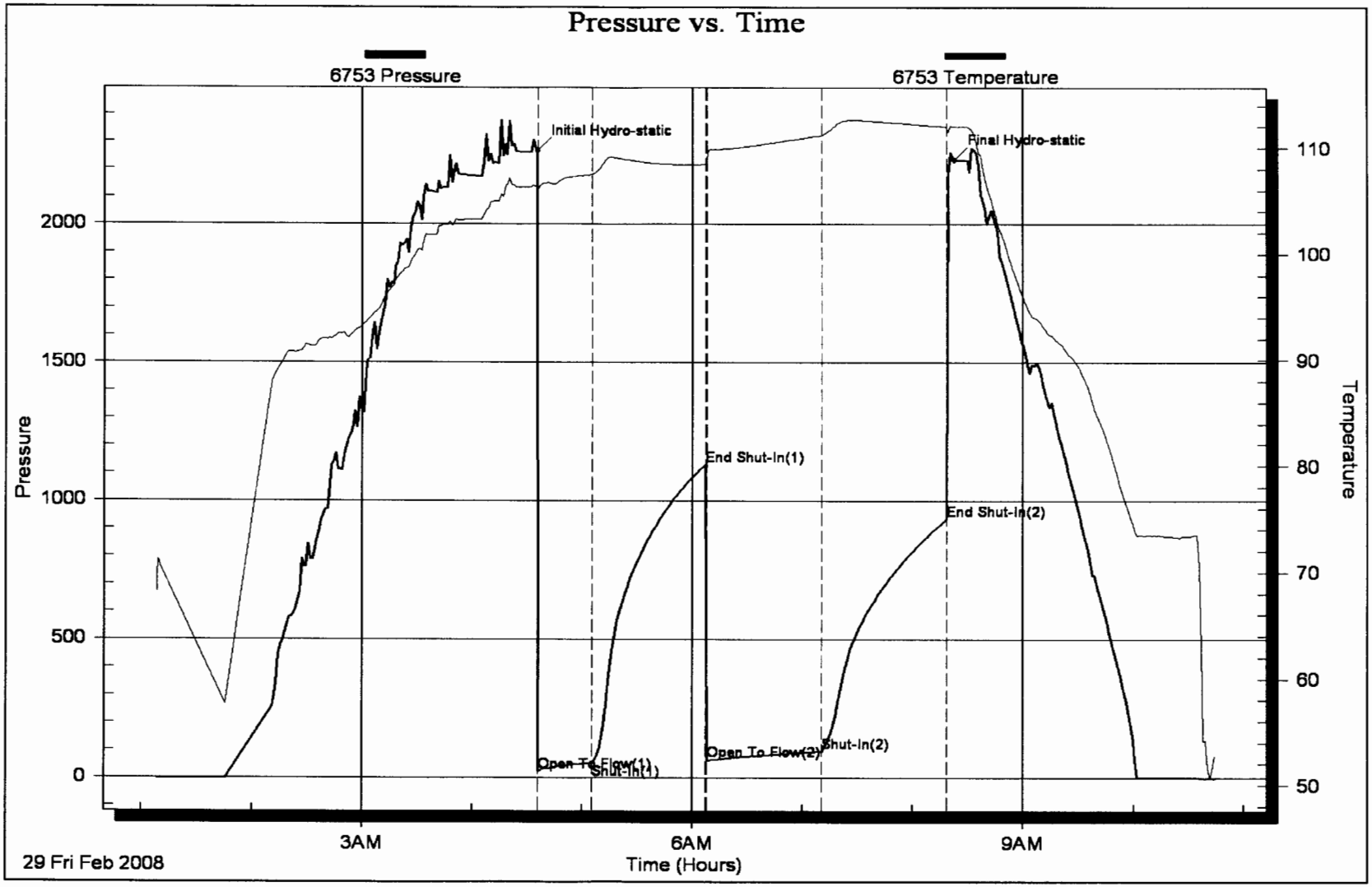
Length ft	Description	Volume bbl
62.00	MW 70%W 30%M	0.305
62.00	OM 5%O 95%M	0.305

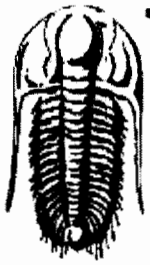
Total Length: 124.00 ft Total Volume: 0.610 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments: RW=.180@66F=40,000ppm


Pressure vs. Time
6753 Pressure
6753 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
2000
1500
1000
500
0
110
100
90
80
70
60
50
3AM
6AM
9AM
Time (Hours)
29 Fri Feb 2008



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Daystar Petroleum Inc**

PO Box 360
Valley Center KS 67147

ATTN: Brad Rine

23 31S 31W Seward KS

Barnhardt # A-4

Start Date: 2008.03.01 @ 02:48:21
End Date: 2008.03.01 @ 11:52:51
Job Ticket #: 26368 DST #: 4

RECEIVED
KANSAS CORPORATION COMMISSION
JUN 09 2008
CONSERVATION DIVISION
WICHITA, KS

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DRILL STEM TEST REPORT

TRILOBITE TESTING, INC

Daystar Petroleum Inc

PO Box 360
Valley Center KS 67147

ATTN: Brad Rine

Barnhardt # A-4

23 31S 31W Seward KS

Job Ticket: 26368 **DST#:4**

Test Start: 2008.03.01 @ 02:48:21

GENERAL INFORMATION:

Formation: **Marmaton**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 05:47:31
Time Test Ended: 11:52:51

Test Type: Conventional Bottom Hole
Tester: Chris Hagman
Unit No: 34

Interval: 4928.00 ft (KB) To 4990.00 ft (KB) (TVD)
Total Depth: 4990.00 ft (KB) (TVD)
Hole Diameter: 7.78 inches Hole Condition: Good

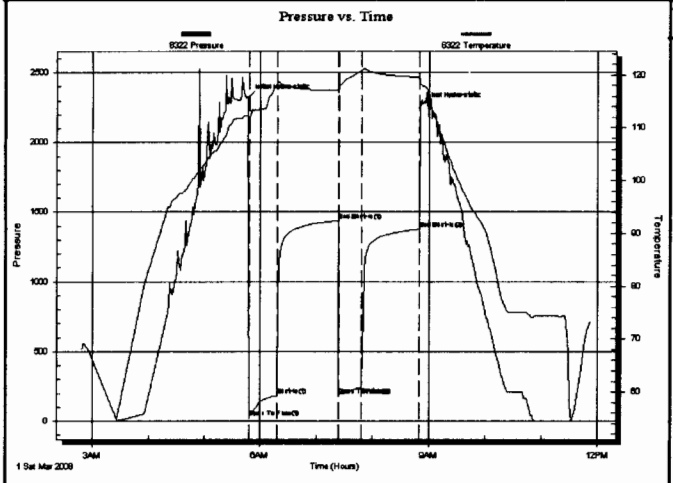
Reference Elevations: 2812.00 ft (KB)
2802.00 ft (CF)
KB to GR/CF: 10.00 ft

Serial #: 8322 **Inside**

Press@RunDepth: 244.37 psig @ 4930.00 ft (KB)
Start Date: 2008.03.01 End Date: 2008.03.01
Start Time: 02:48:22 End Time: 11:52:51

Capacity: 7000.00 psig
Last Calib.: 1899.12.30
Time On Btm: 2008.03.01 @ 05:46:51
Time Off Btm: 2008.03.01 @ 08:51:00

TEST COMMENT: IF BOB 30 min. strong building blow
ISI No blow back
FF 7 " in 30 min. fair building blow
ISI No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2321.74	112.34	Initial Hydro-static
1	27.14	111.93	Open To Flow(1)
31	181.87	118.36	Shut-In(1)
97	1438.85	117.21	End Shut-In(1)
97	187.07	116.96	Open To Flow(2)
122	244.37	120.90	Shut-In(2)
183	1377.15	119.63	End Shut-In(2)
185	2263.23	118.55	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
310.00	MW 95%W 5%M	1.84
124.00	WM 30%W 70%M	1.74

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

Daystar Petroleum Inc

PO Box 360
Valley Center KS 67147

ATTN: Brad Rine

Barnhardt # A-4

23 31S 31W Seward KS

Job Ticket: 26368 **DST#:4**

Test Start: 2008.03.01 @ 02:48:21

Tool Information

Drill Pipe:	Length:	4631.00 ft	Diameter:	3.80 inches	Volume:	64.96 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:		20000.00 lb
Drill Collar:	Length:	275.00 ft	Diameter:	2.25 inches	Volume:	1.35 bbl	Weight to Pull Loose:		65000.00 lb
					Total Volume:	66.31 bbl	Tool Chased		0.00 ft
Drill Pipe Above KB:		6.00 ft					String Weight:	Initial	62000.00 lb
Depth to Top Packer:		4928.00 ft						Final	62000.00 lb
Depth to Bottom Packer:		ft							
Interval between Packers:		62.00 ft							
Tool Length:		90.00 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			4901.00		
Shut In Tool	5.00			4906.00		
Hydraulic tool	5.00			4911.00		
Jars	5.00			4916.00		
Safety Joint	3.00			4919.00		
Packer	5.00			4924.00	28.00	Bottom Of Top Packer
Packer	4.00			4928.00		
Stubb	1.00			4929.00		
Perforations	1.00			4930.00		
Recorder	0.00	8322	Inside	4930.00		
Recorder	0.00	6753	Inside	4930.00		
Perforations	24.00			4954.00		
Change Over Sub	1.00			4955.00		
Drill Pipe	31.00			4986.00		
Change Over Sub	1.00			4987.00		
Bullnose	3.00			4990.00	62.00	Bottom Packers & Anchor
Total Tool Length:	**90.00**					

TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Daystar Petroleum Inc

PO Box 360
Valley Center KS 67147

ATTN: Brad Rine

Barnhardt # A-4

23 31S 31W Seward KS

Job Ticket: 26368 **DST#:4**

Test Start: 2008.03.01 @ 02:48:21

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:	98000 ppm
Viscosity:	50.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	7.95 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	2300.00 ppm				
Filter Cake:	inches				

Recovery Information

Recovery Table

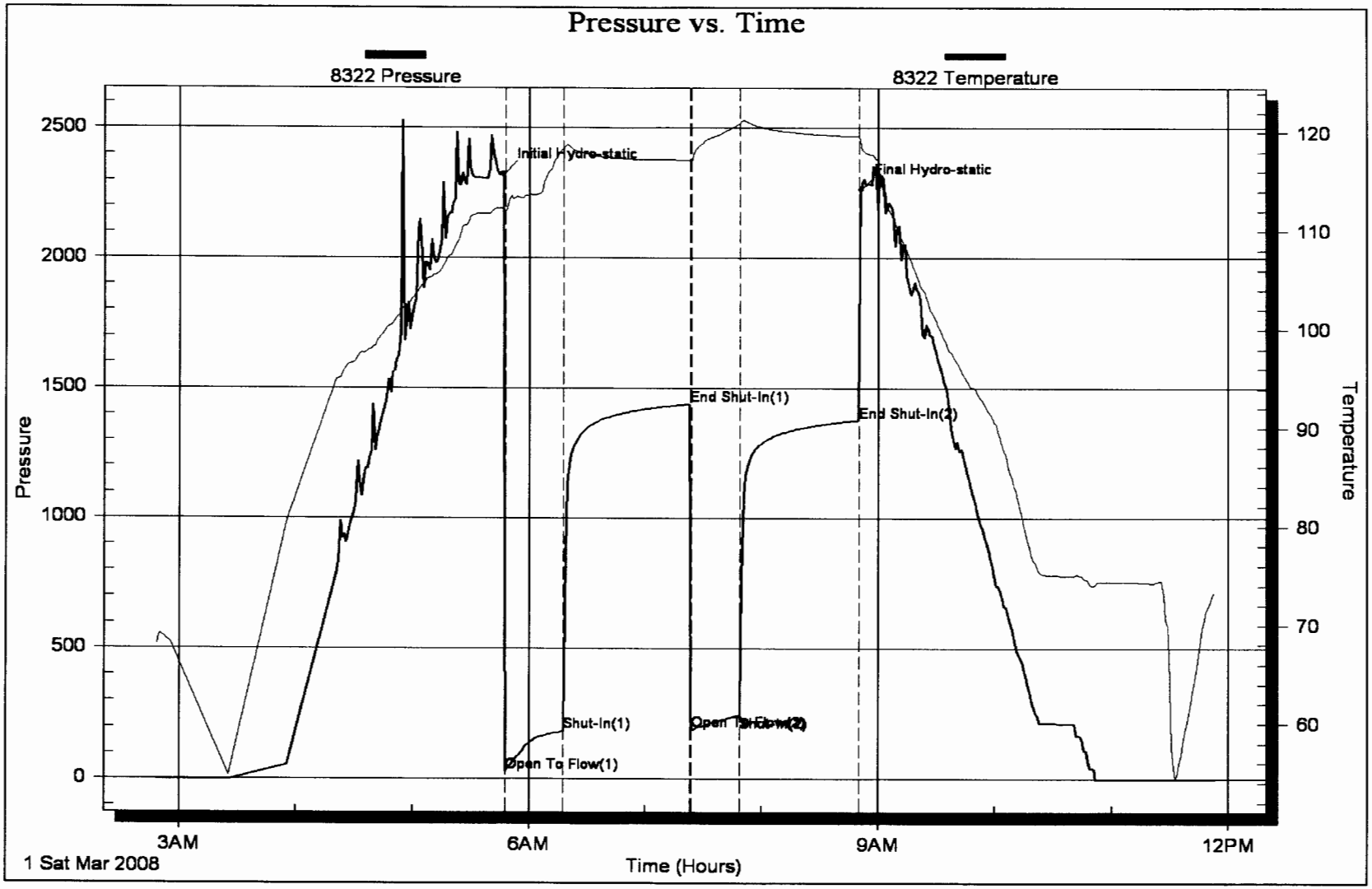
Length ft	Description	Volume bbl
310.00	MW 95%W 5%M	1.843
124.00	WM 30%W 70%M	1.739

Total Length: 434.00 ft Total Volume: 3.582 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments: RW=.074@76F=98,000ppm


Pressure vs. Time
8322 Pressure
8322 Temperature
Initial Hydro-static
Final Hydro-static
End Shut-In(1)
End Shut-In(2)
Shut-In(1)
Open To Flow(1)
Pressure
Temperature
2500
2000
1500
1000
500
0
120
110
100
90
80
70
60
3AM
6AM
9AM
12PM
1 Sat Mar 2008
Time (Hours)

TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Daystar Petroleum Inc**

PO Box 360
Valley Center KS 67147

ATTN: Brad Rine

23 31S 31W Seward KS

Barnhardt # A-4

Start Date: 2008.03.02 @ 04:15:06
End Date: 2008.03.02 @ 14:24:24
Job Ticket #: 26369 DST #: 5

RECEIVED
KANSAS CORPORATION COMMISSION
JUN 09 2008
CONSERVATION DIVISION
WICHITA, KS

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

DRILL STEM TEST REPORT

TRILOBITE TESTING, INC

Daystar Petroleum Inc

PO Box 360
Valley Center KS 67147

ATTN: Brad Rine

Barnhardt # A-4

23 31S 31W Seward KS

Job Ticket: 26369 **DST#:5**

Test Start: 2008.03.02 @ 04:15:06

GENERAL INFORMATION:

Formation: **Pawnee**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 06:41:15
Time Test Ended: 14:24:24

Test Type: Conventional Bottom Hole
Tester: Chris Hagman
Unit No: 34

Interval: 5058.00 ft (KB) To 5130.00 ft (KB) (TVD)
Total Depth: 5130.00 ft (KB) (TVD)
Hole Diameter: 7.78 inches Hole Condition: Good

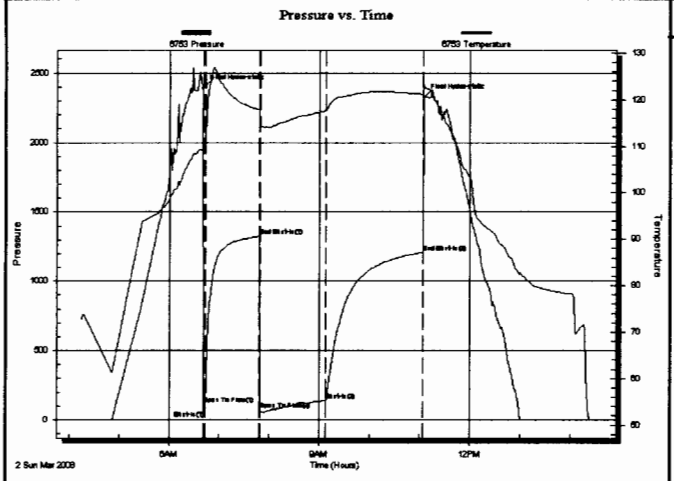
Reference Elevations: 2812.00 ft (KB)
2802.00 ft (CF)
KB to GR/CF: 10.00 ft

Serial #: 6753 **Inside**

Press@RunDepth: 141.68 psig @ 5062.00 ft (KB)
Start Date: 2008.03.02 End Date: 2008.03.02
Start Time: 04:15:06 End Time: 14:24:24

Capacity: 7000.00 psig
Last Calib.: 1899.12.30
Time On Btm: 2008.03.02 @ 06:39:55
Time Off Btm: 2008.03.02 @ 11:05:15

TEST COMMENT: IF BOB 10 sec. strong building blow
ISI No blow back
FF BOB ASAO GTS 3 min. strong dieing blow all gas TSTG
FSI Blow back in 4 min. weak surface blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2391.68	109.10	Initial Hydro-static
2	112.54	109.30	Open To Flow(1)
4	68.56	111.91	Shut-In(1)
68	1322.57	117.92	End Shut-In(1)
70	74.90	114.53	Open To Flow(2)
149	141.68	117.60	Shut-In(2)
265	1208.01	121.18	End Shut-In(2)
266	2326.93	122.90	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
124.00	MWGO 35%G 25%O 20%W 20%M	0.61
186.00	WOGM35%G 25%O 10%W 30%M	1.23
124.00	OGM 5%G 5%O 90%M	1.74

Gas Rates

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

TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

Daystar Petroleum Inc

PO Box 360
Valley Center KS 67147

ATTN: Brad Rine

Barnhardt # A-4

23 31S 31W Seward KS

Job Ticket: 26369 **DST#:5**

Test Start: 2008.03.02 @ 04:15:06

Tool Information

Drill Pipe:	Length:	4785.00 ft	Diameter:	3.80	inches	Volume:	67.12 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:	275.00 ft	Diameter:	2.25	inches	Volume:	1.35 bbl	Weight to Pull Loose:	68000.00 lb
						Total Volume:	68.47 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:		30.00 ft						String Weight: Initial	60000.00 lb
Depth to Top Packer:		5058.00 ft						Final	62000.00 lb
Depth to Bottom Packer:		ft							
Interval between Packers:		72.00 ft							
Tool Length:		100.00 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			5031.00		
Shut In Tool	5.00			5036.00		
Hydraulic tool	5.00			5041.00		
Jars	5.00			5046.00		
Safety Joint	3.00			5049.00		
Packer	5.00			5054.00	28.00	Bottom Of Top Packer
Packer	4.00			5058.00		
Stubb	1.00			5059.00		
Perforations	3.00			5062.00		
Recorder	0.00	8322	Inside	5062.00		
Recorder	0.00	6753	Inside	5062.00		
Change Over Sub	1.00			5063.00		
Drill Pipe	63.00			5126.00		
Change Over Sub	1.00			5127.00		
Bullnose	3.00			5130.00	72.00	Bottom Packers & Anchor
Total Tool Length:	**100.00**					

TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Daystar Petroleum Inc

PO Box 360
Valley Center KS 67147

ATTN: Brad Rine

Barnhardt # A-4

23 31S 31W Seward KS

Job Ticket: 26369 **DST#:5**

Test Start: 2008.03.02 @ 04:15:06

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:	68000 ppm
Viscosity:	47.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	7.96 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	2500.00 ppm				
Filter Cake:	inches				

Recovery Information

Recovery Table

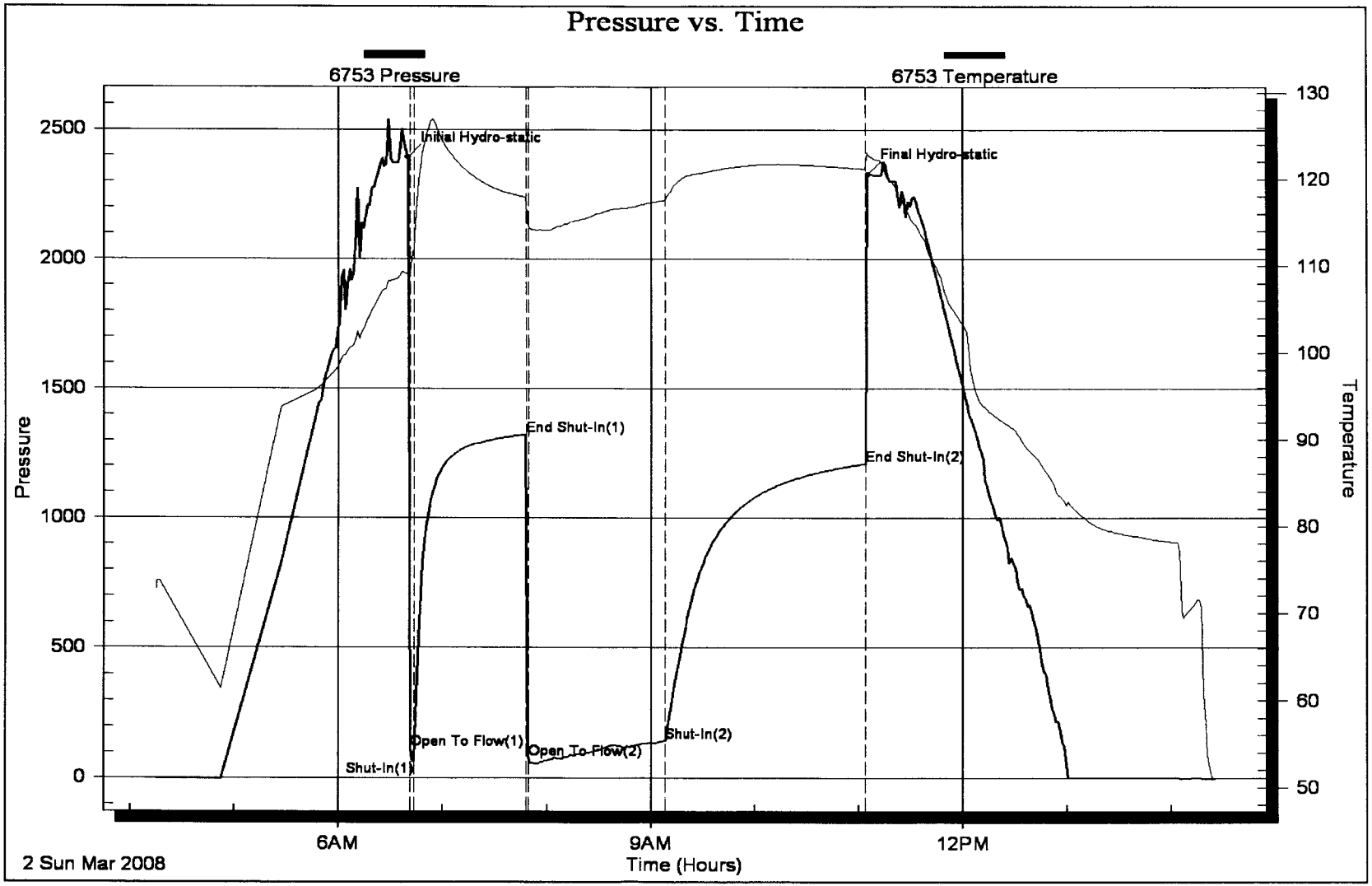
Length ft	Description	Volume bbl
124.00	MWGO 35%G 25%O 20%W 20%M	0.610
186.00	WOGM35%G 25%O 10%W 30%M	1.234
124.00	OGM 5%G 5%O 90%M	1.739

Total Length: 434.00 ft Total Volume: 3.583 bbl

Num Fluid Samples: 0 Num Gas Bombs: 1 Serial #:

Laboratory Name: Caraway Laboratory Location: Liberal, KS

Recovery Comments: RW=.122@66F=68,000ppm


Pressure vs. Time
6753 Pressure
6753 Temperature
Initial Hydro-static
Final Hydro-static
End Shut-In(1)
End Shut-In(2)
Open To Flow(1)
Open To Flow(2)
Shut-In(1)
Shut-In(2)
Pressure
Temperature
2500
2000
1500
1000
500
0
130
120
110
100
90
80
70
60
50
6AM
9AM
12PM
Time (Hours)
2 Sun Mar 2008



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Daystar Petroleum Inc**

PO Box 360
Valley Center KS 67147

ATTN: Brad Rine

23 31S 31W Seward KS

Barnhardt # A-4

Start Date: 2008.03.03 @ 19:11:57
End Date: 2008.03.04 @ 03:41:06
Job Ticket #: 26370 DST #: 6

RECEIVED
KANSAS CORPORATION COMMISSION

JUN 0 9 2008

CONSERVATION DIVISION
WICHITA, KS

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

DRILL STEM TEST REPORT

Daystar Petroleum Inc

PO Box 360
Valley Center KS 67147

ATTN: Brad Rine

Barnhardt # A-4

23 31S 31W Seward KS

Job Ticket: 26370 **DST#:6**

Test Start: 2008.03.03 @ 19:11:57

GENERAL INFORMATION:

Formation: **Cherokee**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 21:56:36
Time Test Ended: 03:41:06

Test Type: Conventional Bottom Hole
Tester: Chris Hagman
Unit No: 34

Interval: 5273.00 ft (KB) To 5400.00 ft (KB) (TVD)
Total Depth: 5400.00 ft (KB) (TVD)
Hole Diameter: 7.78 inches Hole Condition: Good

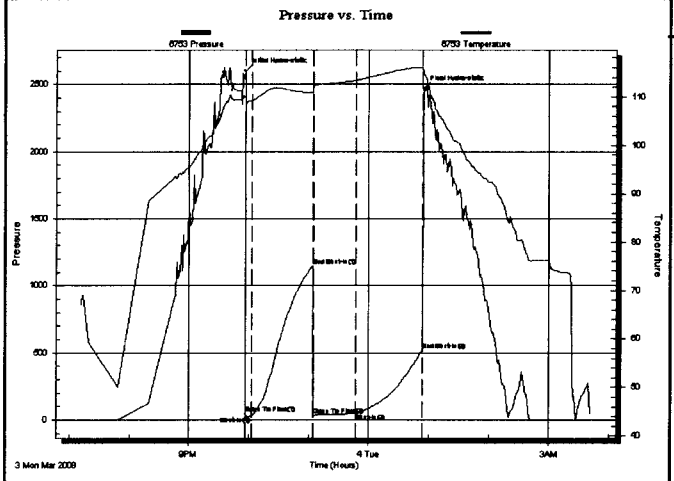
Reference Elevations: 2812.00 ft (KB)
2802.00 ft (CF)
KB to GR/CF: 10.00 ft

Serial #: 6753 **Inside**

Press@RunDepth: 45.73 psig @ 5275.00 ft (KB)
Start Date: 2008.03.03 End Date: 2008.03.04
Start Time: 19:11:57 End Time: 03:41:06

Capacity: 7000.00 psig
Last Calib.: 1899.12.30
Time On Btm: 2008.03.03 @ 21:56:06
Time Off Btm: 2008.03.04 @ 00:54:36

TEST COMMENT: IF Weak surface blow
ISI No blow back
FF Weak surface blow
FSI No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2600.19	110.23	Initial Hydro-static
1	46.77	108.02	Open To Flow(1)
7	30.89	109.30	Shut-In(1)
68	1148.26	110.84	End Shut-In(1)
69	33.38	112.02	Open To Flow(2)
111	45.73	113.37	Shut-In(2)
178	520.11	116.03	End Shut-In(2)
179	2471.02	114.80	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
15.00	100%M	0.07

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

Daystar Petroleum Inc

PO Box 360
Valley Center KS 67147

ATTN: Brad Rine

Barnhardt # A-4

23 31S 31W Seward KS

Job Ticket: 26370 **DST#:6**

Test Start: 2008.03.03 @ 19:11:57

Tool Information

Drill Pipe:	Length:	4976.00 ft	Diameter:	3.80	inches	Volume:	69.80 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:	275.00 ft	Diameter:	2.25	inches	Volume:	1.35 bbl	Weight to Pull Loose:	70000.00 lb
						Total Volume:	71.15 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:		6.00 ft						String Weight: Initial	62000.00 lb
Depth to Top Packer:		5273.00 ft						Final	62000.00 lb
Depth to Bottom Packer:		ft							
Interval between Packers:		127.00 ft							
Tool Length:		155.00 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			5246.00		
Shut In Tool	5.00			5251.00		
Hydraulic tool	5.00			5256.00		
Jars	5.00			5261.00		
Safety Joint	3.00			5264.00		
Packer	5.00			5269.00	28.00	Bottom Of Top Packer
Packer	4.00			5273.00		
Stubb	1.00			5274.00		
Perforations	1.00			5275.00		
Recorder	0.00	8322	Inside	5275.00		
Recorder	0.00	6753	Inside	5275.00		
Perforations	25.00			5300.00		
Change Over Sub	1.00			5301.00		
Drill Pipe	95.00			5396.00		
Change Over Sub	1.00			5397.00		
Bullnose	3.00			5400.00	127.00	Bottom Packers & Anchor
Total Tool Length:	**155.00**					

TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Daystar Petroleum Inc

PO Box 360
Valley Center KS 67147

ATTN: Brad Rine

Barnhardt # A-4

23 31S 31W Seward KS

Job Ticket: 26370 **DST#:6**

Test Start: 2008.03.03 @ 19:11:57

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:	4200 ppm
Viscosity:	49.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	7.96 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	3000.00 ppm				
Filter Cake:	inches				

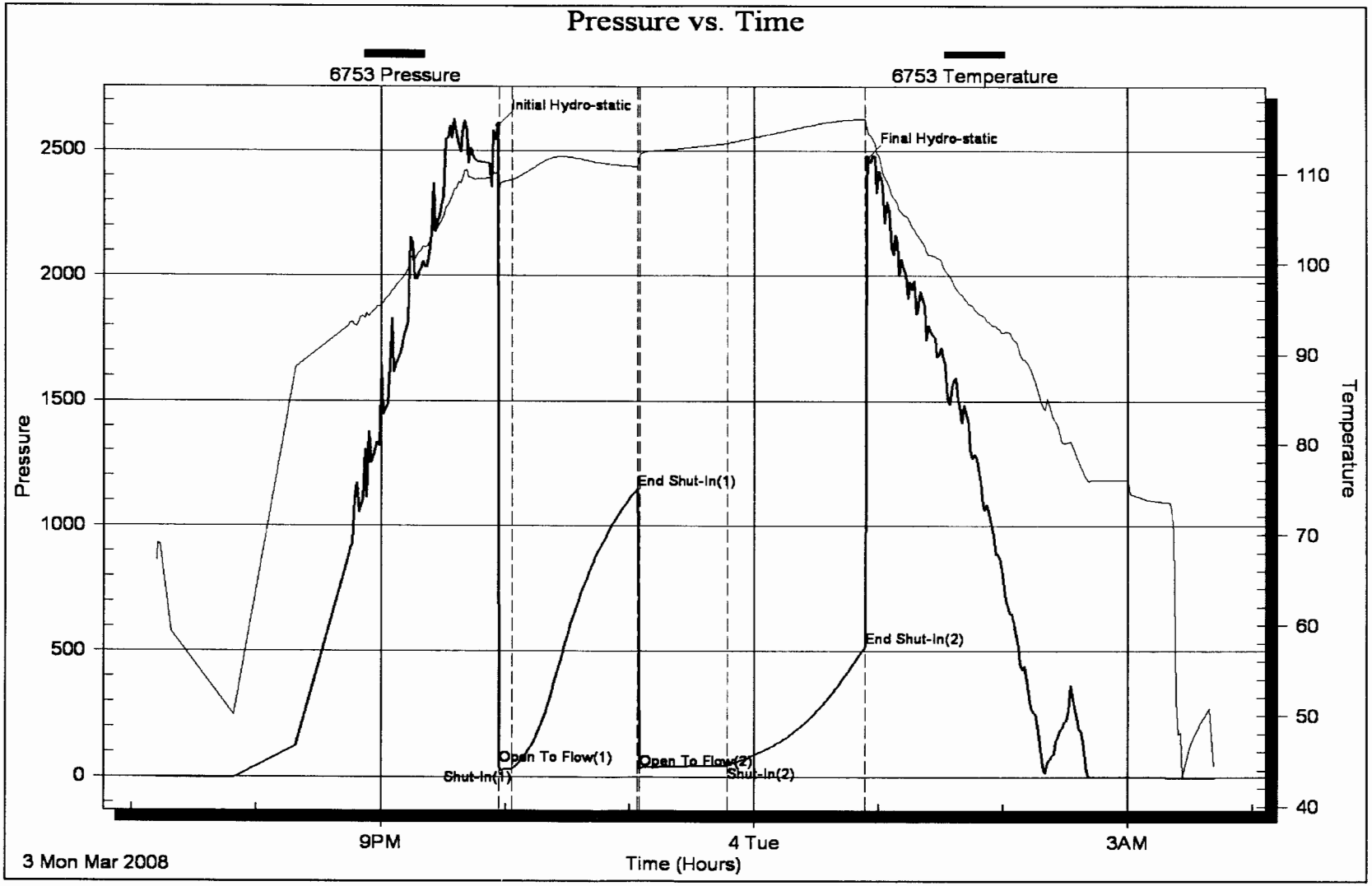
Recovery Information

Recovery Table

Length ft	Description	Volume bbl
15.00	100%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=1.527@65F=4200ppm


Pressure vs. Time
6753 Pressure
6753 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
2500
2000
1500
1000
500
0
110
100
90
80
70
60
50
40
9PM
4 Tue
3AM
3 Mon Mar 2008
Time (Hours)



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Daystar Petroleum Inc**

PO Box 360
Valley Center KS 67147

ATTN: Brad Rine

23 31S 31W Seward KS

Barnhardt # A-4

Start Date: 2008.03.04 @ 19:55:45
End Date: 2008.03.05 @ 12:03:44
Job Ticket #: 26371 DST #: 7

RECEIVED
KANSAS CORPORATION COMMISSION
JUN 09 2008
CONSERVATION DIVISION
WICHITA, KS

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

DRILL STEM TEST REPORT

TRILOBITE TESTING, INC

Daystar Petroleum Inc

PO Box 360
Valley Center KS 67147

ATTN: Brad Rine

Barnhardt # A-4

23 31S 31W Seward KS

Job Ticket: 26371 **DST#:7**

Test Start: 2008.03.04 @ 19:55:45

GENERAL INFORMATION:

Formation: **Morrow**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 23:11:24
Time Test Ended: 12:03:44

Test Type: Conventional Bottom Hole
Tester: Chris Hagman
Unit No: 34

Interval: 5430.00 ft (KB) To 5525.00 ft (KB) (TVD)
Total Depth: 5525.00 ft (KB) (TVD)
Hole Diameter: 7.78 inches Hole Condition: Good

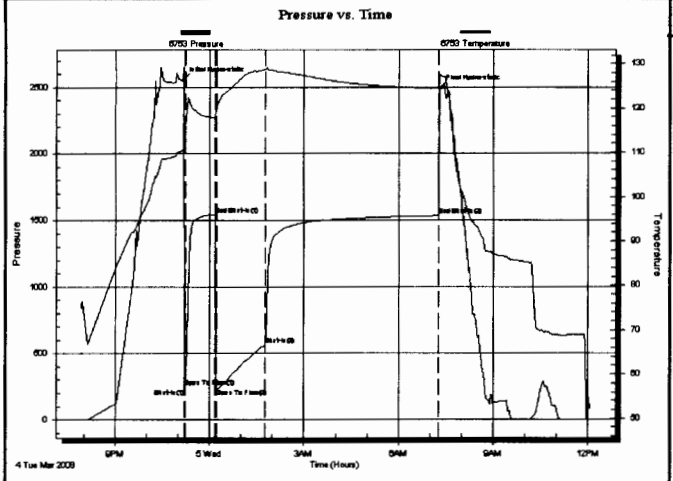
Reference Elevations: 2812.00 ft (KB)
2802.00 ft (CF)
KB to GR/CF: 10.00 ft

Serial #: 6753 **Inside**

Press@RunDepth: 567.94 psig @ 5433.00 ft (KB)
Start Date: 2008.03.04 End Date: 2008.03.05
Start Time: 19:55:45 End Time: 12:03:44

Capacity: 7000.00 psig
Last Calib.: 1899.12.30
Time On Btm: 2008.03.04 @ 23:07:54
Time Off Btm: 2008.03.05 @ 07:16:44

TEST COMMENT: IF BOB 1.5 min. strong building blow
ISI No blow back
FF BOB 15 sec. GTS 5 min. strong dieing blow
FSI Blow back immediately BOB 3 min.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2551.73	110.36	Initial Hydro-static
4	247.21	111.70	Open To Flow(1)
6	236.73	116.12	Shut-In(1)
62	1544.69	117.90	End Shut-In(1)
66	232.06	120.03	Open To Flow(2)
159	567.94	128.90	Shut-In(2)
488	1532.03	124.46	End Shut-In(2)
489	2493.80	126.38	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
1830.00	GO 40%G 60%O	23.16
30.00	OM 20%O 80%M	0.42

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.50	5.00	130.87
Last Gas Rate	0.13	5.00	7.26
Max. Gas Rate	0.13	6.00	7.64

TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

Daystar Petroleum Inc

PO Box 360
Valley Center KS 67147

ATTN: Brad Rine

Barnhardt # A-4

23 31S 31W Seward KS

Job Ticket: 26371 **DST#:7**

Test Start: 2008.03.04 @ 19:55:45

Tool Information

Drill Pipe:	Length:	5158.00 ft	Diameter:	3.80 inches	Volume:	72.35 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:	275.00 ft	Diameter:	2.25 inches	Volume:	1.35 bbl	Weight to Pull Loose:		90000.00 lb
					Total Volume:	73.70 bbl	Tool Chased		0.00 ft
Drill Pipe Above KB:		31.00 ft					String Weight:	Initial	64000.00 lb
Depth to Top Packer:		5430.00 ft						Final	74000.00 lb
Depth to Bottom Packer:		ft							
Interval between Packers:		95.00 ft							
Tool Length:		123.00 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			5403.00		
Shut In Tool	5.00			5408.00		
Hydraulic tool	5.00			5413.00		
Jars	5.00			5418.00		
Safety Joint	3.00			5421.00		
Packer	5.00			5426.00	28.00	Bottom Of Top Packer
Packer	4.00			5430.00		
Stubb	1.00			5431.00		
Perforations	2.00			5433.00		
Recorder	0.00	8322	Inside	5433.00		
Recorder	0.00	6753	Inside	5433.00		
Perforations	25.00			5458.00		
Change Over Sub	1.00			5459.00		
Drill Pipe	62.00			5521.00		
Change Over Sub	1.00			5522.00		
Bullnose	3.00			5525.00	95.00	Bottom Packers & Anchor
Total Tool Length:	**123.00**					

TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Daystar Petroleum Inc

PO Box 360
Valley Center KS 67147

ATTN: Brad Rine

Barnhardt # A-4

23 31S 31W Seward KS

Job Ticket: 26371 **DST#:7**

Test Start: 2008.03.04 @ 19:55:45

Mud and Cushion Information

Mud Type:	Gel Chem	Cushion Type:		Oil API:	27.5 deg API
Mud Weight:	9.00 lb/gal	Cushion Length:	ft	Water Salinity:	ppm
Viscosity:	52.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	7.58 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	2800.00 ppm				
Filter Cake:	inches				

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
1830.00	GO 40%G 60%O	23.165
30.00	OM 20%O 80%M	0.421

Total Length: 1860.00 ft Total Volume: 23.586 bbl

Num Fluid Samples: 0 Num Gas Bombs: 1 Serial #:

Laboratory Name: Caraway Laboratory Location: Liberal, KS

Recovery Comments: API=28@55F=27.5api

TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

GAS RATES

Daystar Petroleum Inc

PO Box 360
Valley Center KS 67147

ATTN: Brad Rine

Barnhardt # A-4

23 31S 31W Seward KS

Job Ticket: 26371 **DST#:7**

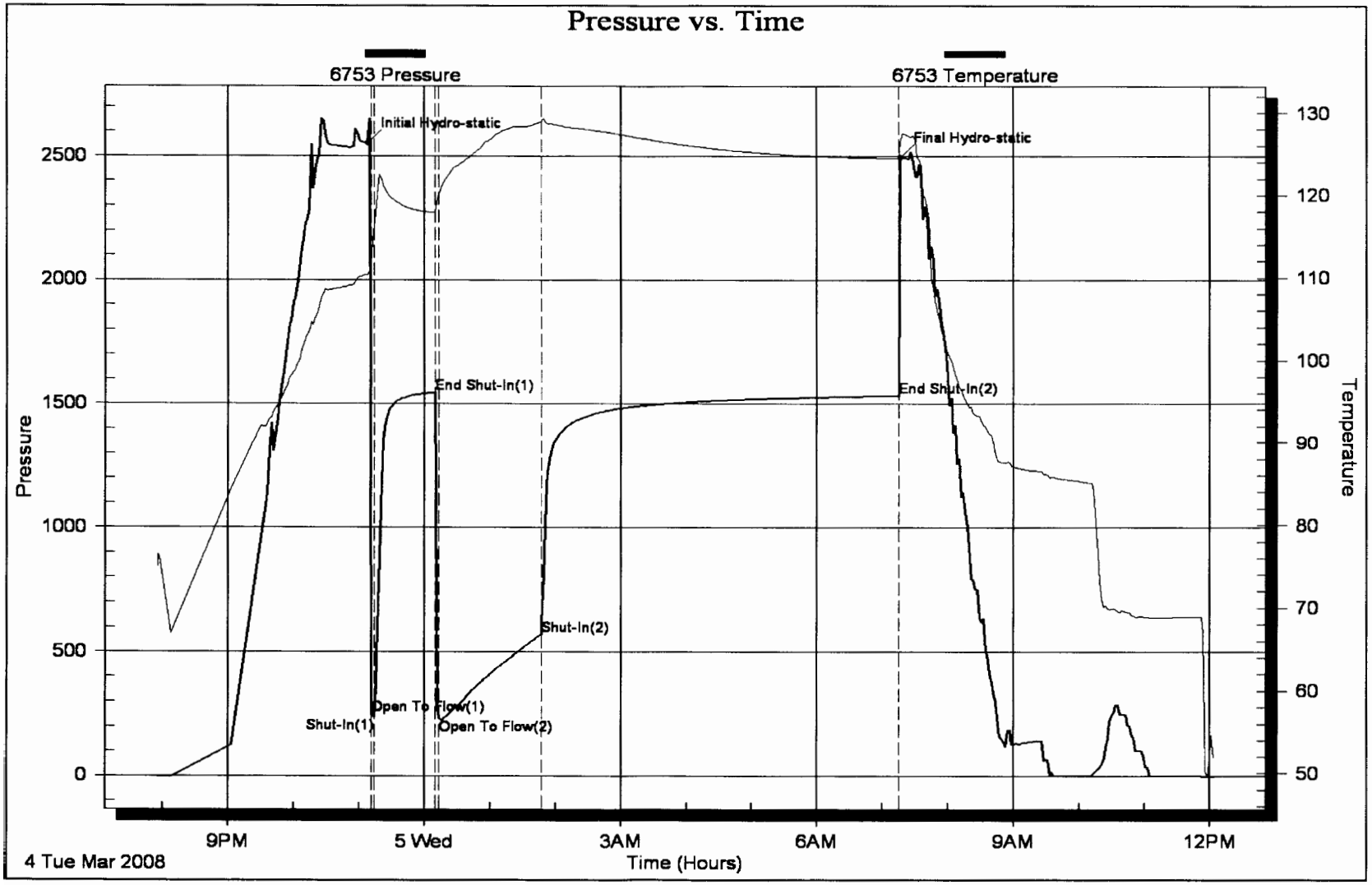
Test Start: 2008.03.04 @ 19:55:45

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	0.50	5.00	130.87
2	10	0.50	5.00	130.87
2	20	0.13	4.00	6.89
2	30	0.13	6.00	7.64
2	40	0.13	6.00	7.64
2	50	0.13	6.00	7.64
2	60	0.13	5.00	7.26
2	70	0.13	5.00	7.26
2	80	0.13	5.00	7.26


Pressure vs. Time
6753 Pressure
6753 Temperature
Initial Hydro-static
Final Hydro-static
End Shut-In(1)
End Shut-In(2)
Shut-In(2)
Shut-In(1)
Open To Flow(1)
Open To Flow(2)
Pressure
Temperature
2500
2000
1500
1000
500
0
130
120
110
100
90
80
70
60
50
9PM
5 Wed
3AM
6AM
9AM
12PM
4 Tue Mar 2008
Time (Hours)

TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Daystar Petroleum Inc**

PO Box 360
Valley Center KS 67147

ATTN: Brad Rine

23 31S 31W Seward KS

Barnhardt # A-4

Start Date: 2008.03.05 @ 23:54:48
End Date: 2008.03.06 @ 09:53:06
Job Ticket #: 26372 DST #: 8

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

RECEIVED
KANSAS CORPORATION COMMISSION
JUN 09 2008
CONSERVATION DIVISION
WICHITA, KS

DRILL STEM TEST REPORT

Daystar Petroleum Inc

PO Box 360
Valley Center KS 67147

ATTN: Brad Rine

Barnhardt # A-4

23 31S 31W Seward KS

Job Ticket: 26372 **DST#:8**

Test Start: 2008.03.05 @ 23:54:48

GENERAL INFORMATION:

Formation: **Chester**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 02:37:17
Time Test Ended: 09:53:06

Test Type: Conventional Bottom Hole
Tester: Chris Hagman
Unit No: 34

Interval: 5528.00 ft (KB) To 5564.00 ft (KB) (TVD)
Total Depth: 5564.00 ft (KB) (TVD)
Hole Diameter: 7.78 inches Hole Condition: Good

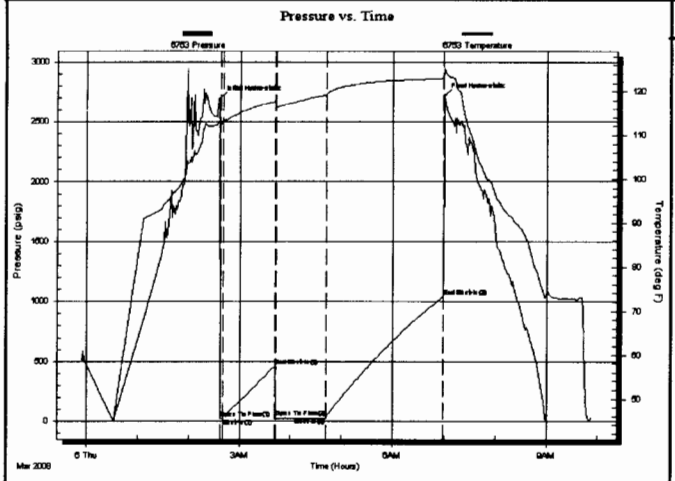
Reference Elevations: 2812.00 ft (KB)
2802.00 ft (CF)
KB to GR/CF: 10.00 ft

Serial #: 6753 **Inside**

Press@RunDepth: 32.27 psig @ 5530.00 ft (KB)
Start Date: 2008.03.05 End Date: 2008.03.06
Start Time: 23:54:48 End Time: 09:53:06

Capacity: 7000.00 psig
Last Calib.: 1899.12.30
Time On Btm: 2008.03.06 @ 02:35:37
Time Off Btm: 2008.03.06 @ 07:00:17

TEST COMMENT: IF 4 " in 2 min. weak building blow
ISI No blow back
FF BOB 2 min. strong steady blow
FSI No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2688.02	113.06	Initial Hydro-static
2	23.20	112.35	Open To Flow(1)
5	25.60	112.70	Shut-In(1)
66	461.79	117.69	End Shut-In(1)
67	32.77	116.16	Open To Flow(2)
127	32.27	119.31	Shut-In(2)
265	1044.47	123.08	End Shut-In(2)
265	2717.09	125.28	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
15.00	100%M	0.07

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

Daystar Petroleum Inc

PO Box 360
Valley Center KS 67147

ATTN: Brad Rine

Barnhardt # A-4

23 31S 31W Seward KS

Job Ticket: 26372 **DST#:8**

Test Start: 2008.03.05 @ 23:54:48

Tool Information

Drill Pipe:	Length:	5255.00 ft	Diameter:	3.80	inches	Volume:	73.71 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:	275.00 ft	Diameter:	2.25	inches	Volume:	1.35 bbl	Weight to Pull Loose:	80000.00 lb
						Total Volume:	75.06 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:		30.00 ft						String Weight: Initial	68000.00 lb
Depth to Top Packer:		5528.00 ft						Final	68000.00 lb
Depth to Bottom Packer:		ft							
Interval between Packers:		36.00 ft							
Tool Length:		64.00 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			5501.00		
Shut In Tool	5.00			5506.00		
Hydraulic tool	5.00			5511.00		
Jars	5.00			5516.00		
Safety Joint	3.00			5519.00		
Packer	5.00			5524.00	28.00	Bottom Of Top Packer
Packer	4.00			5528.00		
Stubb	1.00			5529.00		
Perforations	1.00			5530.00		
Recorder	0.00	8322	Inside	5530.00		
Recorder	0.00	6753	Inside	5530.00		
Perforations	31.00			5561.00		
Bullnose	3.00			5564.00	36.00	Bottom Packers & Anchor
Total Tool Length:	**64.00**					

TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Daystar Petroleum Inc

PO Box 360
Valley Center KS 67147

ATTN: Brad Rine

Barnhardt # A-4

23 31S 31W Seward KS

Job Ticket: 26372 **DST#:8**

Test Start: 2008.03.05 @ 23:54:48

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:	5250 ppm
Viscosity:	49.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	7.96 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	3000.00 ppm				
Filter Cake:	inches				

Recovery Information

Recovery Table

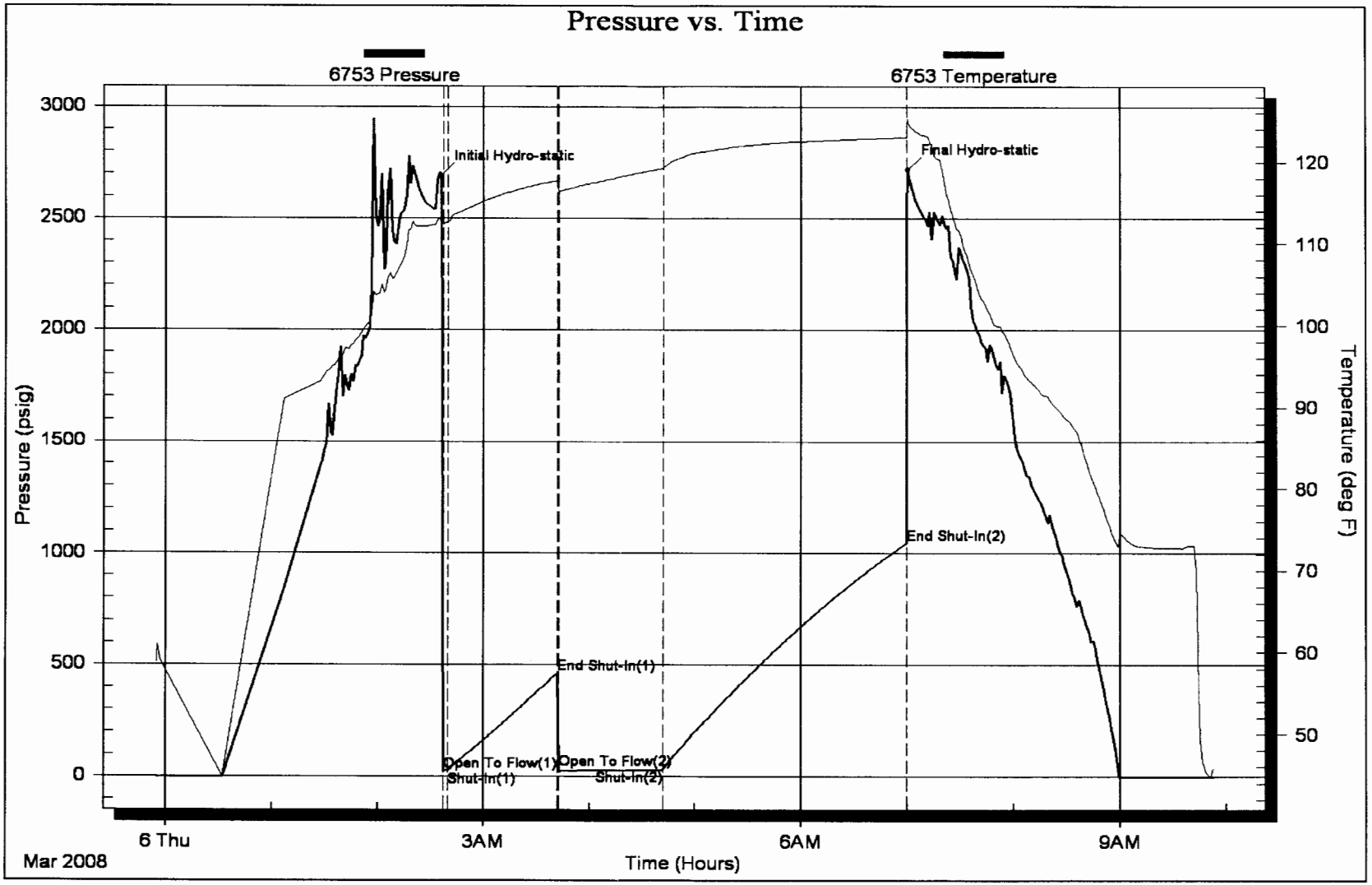
Length ft	Description	Volume bbl
15.00	100%M	0.074

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=1.299@63F=5250ppm


Pressure vs. Time
6753 Pressure
6753 Temperature
Initial Hydro-static
Final Hydro-static
End Shut-In(2)
End Shut-In(1)
Open To Flow(1)
Shut-In(1)
Open To Flow(2)
Shut-In(2)
Pressure (psig)
Temperature (deg F)
3000
2500
2000
1500
1000
500
0
120
110
100
90
80
70
60
50
6 Thu
3AM
6AM
9AM
Mar 2008
Time (Hours)