

TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Daystar Petroleum Inc**

PO Box 360
Valley Center KS 67147

ATTN: Brad Rine 15-175-22197-00-00

24 31 31 Seward KS

Unruh B #5-24

Start Date: 2008.02.08 @ 00:30:00
End Date: 2008.02.08 @ 12:04:30
Job Ticket #: 30830 DST #: 1

RECEIVED
KANSAS CORPORATION COMMISSION
JUN 10 2008
CONSERVATION DIVISION
WICHITA, KS

Trilobite Testing, Inc
PO Box 362 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

Unruh B #5-24

24 31 31 Seward KS

Job Ticket: 30830 **DST#: 1**

Test Start: 2008.02.08 @ 00:30:00

GENERAL INFORMATION:

Formation: **Swope**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 03:47:00
Time Test Ended: 12:04:30

Test Type: Conventional Bottom Hole
Tester: Harley Davidson
Unit No: 33

Interval: 4780.00 ft (KB) To 4800.00 ft (KB) (TVD)
Total Depth: 4800.00 ft (KB) (TVD)
Hole Diameter: 778.00 inches Hole Condition: Fair

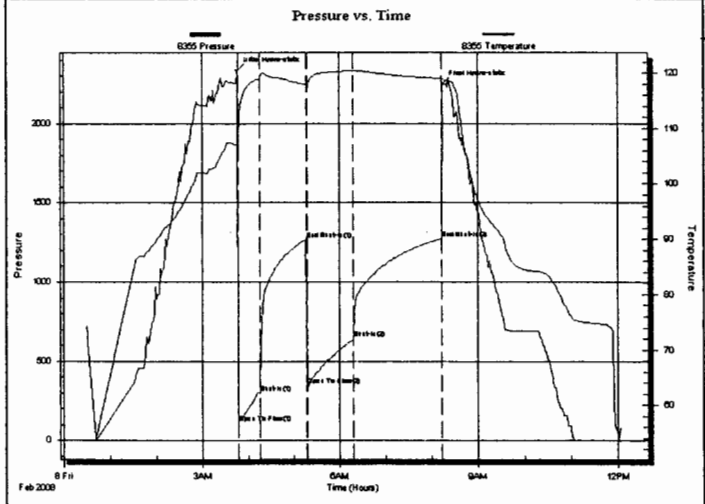
Reference Elevations: 2800.00 ft (KB)
2789.00 ft (CF)
KB to GR/CF: 11.00 ft

Serial #: 8355 **Inside**

Press@RunDepth: 642.50 psig @ 4787.00 ft (KB)
Start Date: 2008.02.08 End Date: 2008.02.08
Start Time: 00:30:01 End Time: 12:04:30

Capacity: 7000.00 psig
Last Calib.: 1899.12.30
Time On Btm: 2008.02.08 @ 03:45:45
Time Off Btm: 2008.02.08 @ 08:14:45

TEST COMMENT: IF Strong blow BOB 1 min GTS 13 min. TSTM
ISI BOB blow back
FF BOB GTS ASAO
FSI BOB blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2331.97	107.02	Initial Hydro-static
2	114.01	107.10	Open To Flow (1)
30	299.39	118.94	Shut-In(1)
91	1267.72	117.90	End Shut-In(1)
92	345.60	116.48	Open To Flow (2)
152	642.50	120.33	Shut-In(2)
267	1271.74	119.00	End Shut-In(2)
269	2248.81	118.93	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
1120.00	50%O 50%G	12.94
430.00	100%W	6.03

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.13	10.00	9.13
Last Gas Rate	0.13	16.00	11.38
Max. Gas Rate	0.13	16.00	11.38

TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

Daystar Petroleum Inc

PO Box 360
Valley Center KS 67147

ATTN: Brad Rine

Unruh B #5-24

24 31 31 Seward KS

Job Ticket: 30830 **DST#: 1**

Test Start: 2008.02.08 @ 00:30:00

Tool Information

Drill Pipe:	Length:	4473.00 ft	Diameter:	3.80 inches	Volume:	62.74 bbl	
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	0.00 inches	Volume:	0.00 bbl	
Drill Collar:	Length:	304.00 ft	Diameter:	2.25 inches	Volume:	1.50 bbl	
					Total Volume:	64.24 bbl	

Drill Pipe Above KB:	25.00 ft
Depth to Top Packer:	4780.00 ft
Depth to Bottom Packer:	ft
Interval betw een Packers:	20.00 ft
Tool Length:	48.00 ft
Number of Packers:	2
Diameter:	6.75 inches

Tool Weight:	2000.00 lb
Weight set on Packer:	25000.00 lb
Weight to Pull Loose:	62000.00 lb
Tool Chased	0.00 ft
String Weight: Initial	55000.00 lb
Final	60000.00 lb

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Change Over Sub	1.00			4753.00		
Shut In Tool	5.00			4758.00		
Hydraulic tool	5.00			4763.00		
Jars	5.00			4768.00		
Safety Joint	3.00			4771.00		
Packer	5.00			4776.00	28.00	Bottom Of Top Packer
Packer	4.00			4780.00		
Stubb	1.00			4781.00		
Perforations	6.00			4787.00		
Recorder	0.00	6751	Inside	4787.00		
Recorder	0.00	8355	Inside	4787.00		
Perforations	9.00			4796.00		
Bullnose	4.00			4800.00	20.00	Bottom Packers & Anchor
Total Tool Length:	**48.00**					

TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Daystar Petroleum Inc

PO Box 360
Valley Center KS 67147

ATTN: Brad Rine

Unruh B #5-24

24 31 31 Seward KS

Job Ticket: 30830 **DST#: 1**

Test Start: 2008.02.08 @ 00:30:00

Mud and Cushion Information

Mud Type:	Gel Chem	Cushion Type:		Oil API:	36 deg API
Mud Weight:	9.00 lb/gal	Cushion Length:	ft	Water Salinity:	90000 ppm
Viscosity:	42.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	7.93 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
1120.00	50%O 50%G	12.941
430.00	100%W	6.032

Total Length: 1550.00 ft Total Volume: 18.973 bbl

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

Laboratory Name: Caraway Laboratory Location: Liberal, KS

Recovery Comments:

Daystar Petroleum Inc

PO Box 360
Valley Center KS 67147

ATTN: Brad Rine

Unruh B #5-24

24 31 31 Seward KS

Job Ticket: 30830 **DST#: 1**

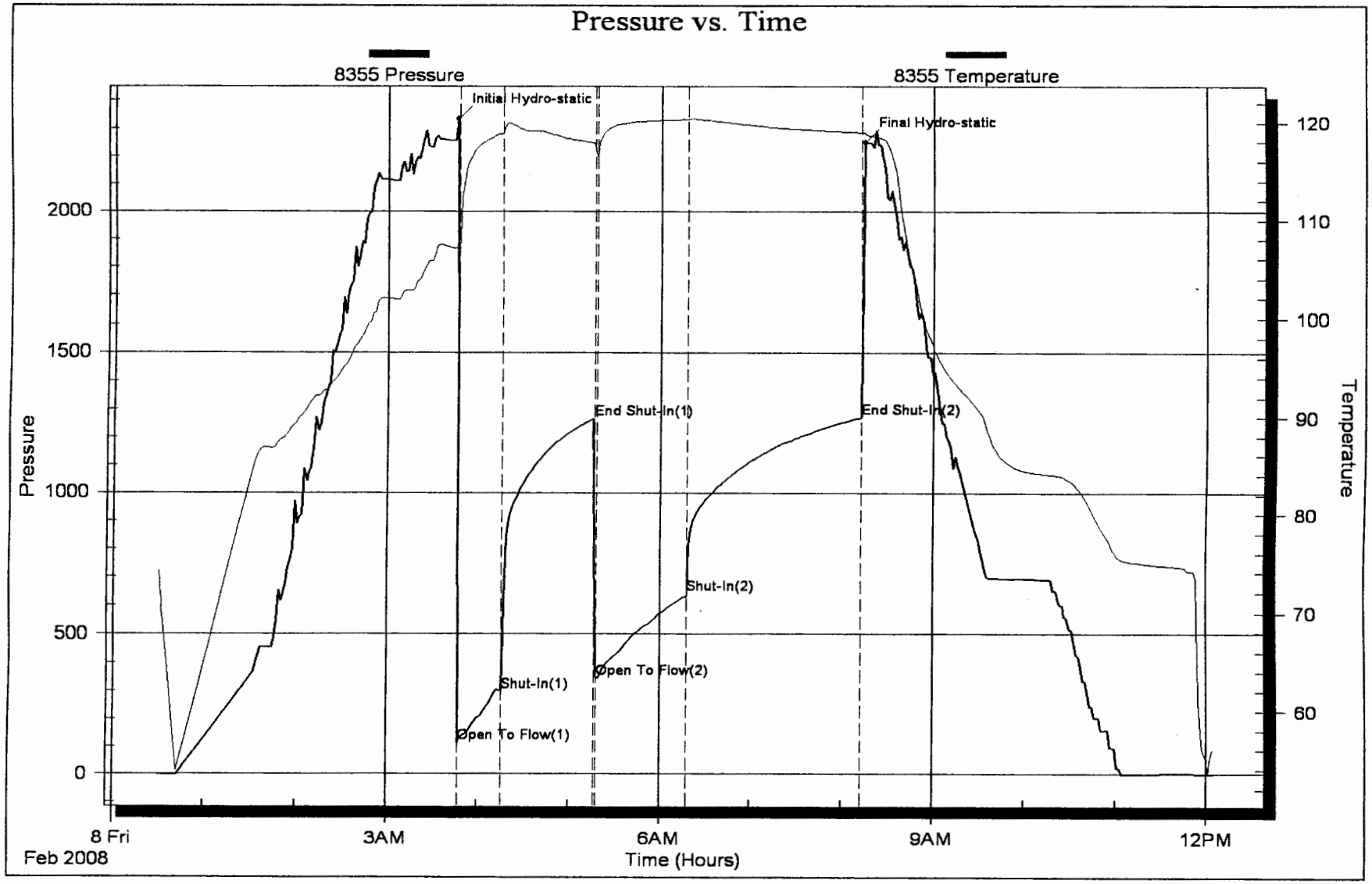
Test Start: 2008.02.08 @ 00:30:00

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	30	0.13	10.00	9.13
2	30	0.13	10.00	9.13
2	40	0.13	14.00	10.63
2	50	0.13	16.00	11.38


Pressure vs. Time
8355 Pressure
8355 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
2000
1500
1000
500
0
120
110
100
90
80
70
60
8 Fri
Feb 2008
3AM
6AM
9AM
12PM
Time (Hours)



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DRILL STEM TEST REPORT

Prepared For: **Daystar Petroleum Inc**

PO Box 360
Valley Center KS 67147

ATTN: Brad Rine

24 31 31 Seward KS

Unruh B #5-24

Start Date: 2008.02.10 @ 10:45:00
End Date: 2008.02.10 @ 20:35:30
Job Ticket #: 30831 DST #: 2

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

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DRILL STEM TEST REPORT

Daystar Petroleum Inc

PO Box 360
Valley Center KS 67147

ATTN: Brad Rine

Unruh B #5-24

24 31 31 Seward KS

Job Ticket: 30831 **DST#: 2**

Test Start: 2008.02.10 @ 10:45:00

GENERAL INFORMATION:

Formation: **Marmaton**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 13:43:30
Time Test Ended: 20:35:30

Test Type: Conventional Bottom Hole
Tester: Harley Davidson
Unit No: 33

Interval: 4920.00 ft (KB) To 5006.00 ft (KB) (TVD)
Total Depth: 5006.00 ft (KB) (TVD)
Hole Diameter: 778.00 inches Hole Condition: Fair

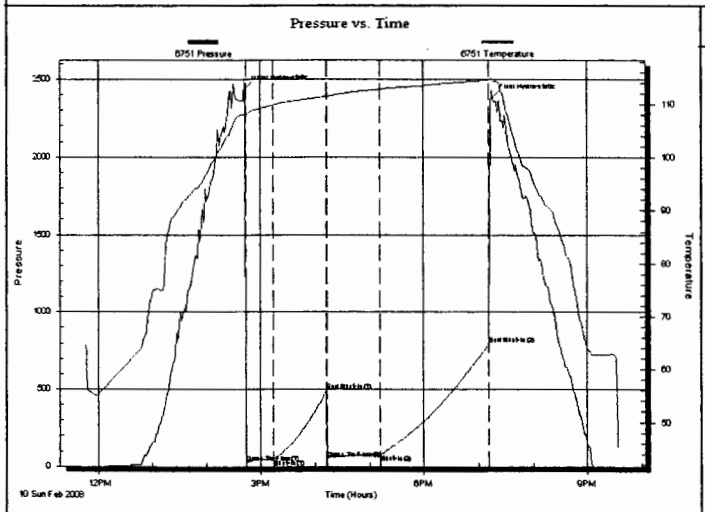
Reference Elevations: 2800.00 ft (KB)
2789.00 ft (CF)
KB to GR/CF: 11.00 ft

Serial #: 6751 **Inside**

Press@RunDepth: 81.26 psig @ 4992.00 ft (KB)
Start Date: 2008.02.10 End Date: 2008.02.10
Start Time: 11:45:00 End Time: 21:35:29

Capacity: 7000.00 psig
Last Calib.: 1899.12.30
Time On Btm: 2008.02.10 @ 14:43:14
Time Off Btm: 2008.02.10 @ 19:15:44

TEST COMMENT: IF Weak building blow 4 " in bucket
ISI No blow back
FF Good blow BOB 7 min NO GTS
FSI No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2440.76	108.35	Initial Hydro-static
1	23.00	107.77	Open To Flow (1)
31	48.09	109.87	Shut-In(1)
89	485.72	111.48	End Shut-In(1)
91	47.33	111.34	Open To Flow (2)
149	81.26	112.85	Shut-In(2)
269	790.80	114.59	End Shut-In(2)
273	2380.44	114.52	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	500 ' GIP	0.00
120.00	5%G 95%M	0.59

Gas Rates

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

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DRILL STEM TEST REPORT

TOOL DIAGRAM

Daystar Petroleum Inc

PO Box 360
Valley Center KS 67147

ATTN: Brad Rine

Unruh B #5-24

24 31 31 Seward KS

Job Ticket: 30831 **DST#: 2**

Test Start: 2008.02.10 @ 10:45:00

Tool Information

Drill Pipe:	Length:	4598.00 ft	Diameter:	3.80 inches	Volume:	64.50 bbl	Tool Weight:	52000.00 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:	304.00 ft	Diameter:	2.25 inches	Volume:	1.50 bbl	Weight to Pull Loose:	52000.00 lb
					Total Volume:	66.00 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:		10.00 ft					String Weight: Initial	52000.00 lb
Depth to Top Packer:		4920.00 ft					Final	52000.00 lb
Depth to Bottom Packer:		ft						
Interval between Packers:		86.00 ft						
Tool Length:		114.00 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			4893.00		
Shut In Tool	5.00			4898.00		
Hydraulic tool	5.00			4903.00		
Jars	5.00			4908.00		
Safety Joint	3.00			4911.00		
Packer	5.00			4916.00	28.00	Bottom Of Top Packer
Packer	4.00			4920.00		
Stubb	1.00			4921.00		
Perforations	6.00			4927.00		
Change Over Sub	1.00			4928.00		
Drill Pipe	63.00			4991.00		
Change Over Sub	1.00			4992.00		
Recorder	0.00	6751	Inside	4992.00		
Recorder	0.00	8355	Inside	4992.00		
Perforations	10.00			5002.00		
Bullnose	4.00			5006.00	86.00	Bottom Packers & Anchor
Total Tool Length:	**114.00**					

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FLUID SUMMARY

Daystar Petroleum Inc

PO Box 360
Valley Center KS 67147

ATTN: Brad Rine

Unruh B #5-24

24 31 31 Seward KS

Job Ticket: 30831 **DST#: 2**

Test Start: 2008.02.10 @ 10:45:00

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:	53.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	8.74 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	3000.00 ppm				
Filter Cake:	inches				

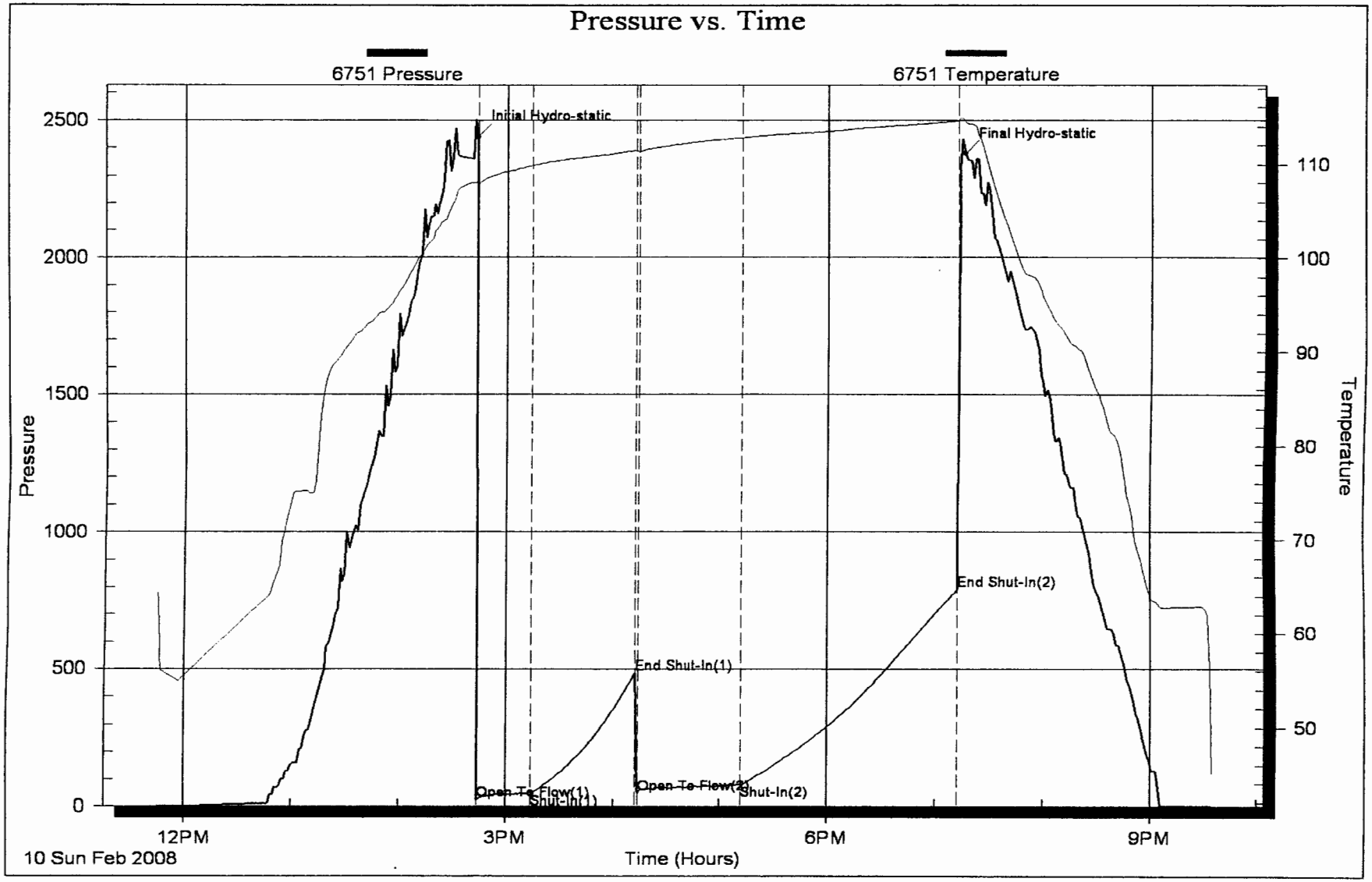
Recovery Information

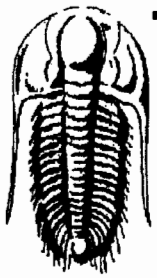
Recovery Table

Length ft	Description	Volume bbl
0.00	500 ' GIP	0.000
120.00	5%G 95%M	0.590

Total Length: 120.00 ft Total Volume: 0.590 bbl

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


Pressure vs. Time
6751 Pressure
6751 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
Temperature
Time (Hours)
10 Sun Feb 2008
12PM
3PM
6PM
9PM
0
500
1000
1500
2000
2500
50
60
70
80
90
100
110



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Daystar Petroleum Inc**

PO Box 360
Valley Center KS 67147

ATTN: Brad Rine

24 31 31 Seward KS

Unruh B #5-24

Start Date: 2008.02.11 @ 11:45:00
End Date: 2008.02.11 @ 21:05:30
Job Ticket #: 30832 DST #: 3

RECEIVED
KANSAS CORPORATION COMMISSION
JUN 10 2008
CONSERVATION DIVISION
WICHITA, KS

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

TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Daystar Petroleum Inc

PO Box 360
Valley Center KS 67147

ATTN: Brad Rine

Unruh B #5-24

24 31 31 Seward KS

Job Ticket: 30832 **DST#: 3**

Test Start: 2008.02.11 @ 11:45:00

GENERAL INFORMATION:

Formation: **Pawnee**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 13:55:45
Time Test Ended: 21:05:30

Test Type: Conventional Bottom Hole
Tester: Harley Davidson
Unit No: 33

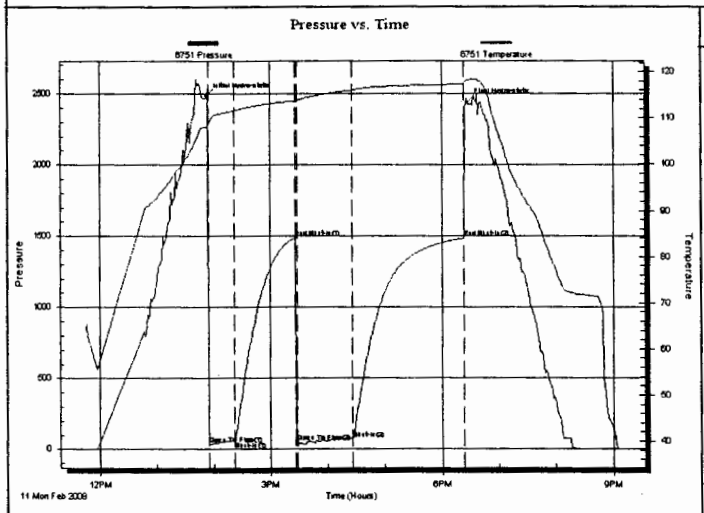
Interval: 5061.00 ft (KB) To 5120.00 ft (KB) (TVD)
Total Depth: 5120.00 ft (KB) (TVD)
Hole Diameter: 778.00 inches Hole Condition: Fair

Reference Elevations: 2800.00 ft (KB)
2789.00 ft (CF)
KB to GR/CF: 11.00 ft

Serial #: 6751 **Inside**
Press@RunDepth: 69.94 psig @ 5101.00 ft (KB)
Start Date: 2008.02.11 End Date: 2008.02.11
Start Time: 11:45:01 End Time: 21:05:30

Capacity: 7000.00 psig
Last Calib.: 1899.12.30
Time On Btm: 2008.02.11 @ 13:53:15
Time Off Btm: 2008.02.11 @ 18:27:00

TEST COMMENT: IF Strong blow BOB 1 min GTS 10 min. TSTM
ISI No blow back
FF Strong blow BOB GTS ASAO TSTM
FSI No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2483.29	108.03	Initial Hydro-static
3	38.40	108.61	Open To Flow (1)
29	59.96	111.57	Shut-In(1)
93	1485.72	113.66	End Shut-In(1)
95	51.99	113.69	Open To Flow (2)
154	69.94	116.01	Shut-In(2)
270	1486.77	117.30	End Shut-In(2)
274	2436.91	118.19	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
150.00	5%G 95%M	0.74

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

Unruh B #5-24

24 31 31 Seward KS

Job Ticket: 30832 **DST#: 3**

Test Start: 2008.02.11 @ 11:45:00

Tool Information

Drill Pipe:	Length:	4754.00 ft	Diameter:	3.80 inches	Volume:	66.69 bbl	Tool Weight:	2000.00 lb
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	0.00 inches	Volume:	0.00 bbl	Weight set on Packer:	25000.00 lb
Drill Collar:	Length:	304.00 ft	Diameter:	2.25 inches	Volume:	1.50 bbl	Weight to Pull Loose:	60000.00 lb
					Total Volume:	68.19 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:		25.00 ft					String Weight: Initial	52000.00 lb
Depth to Top Packer:		5061.00 ft					Final	52000.00 lb
Depth to Bottom Packer:		ft						
Interval between Packers:		59.00 ft						
Tool Length:		87.00 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			5034.00		
Shut In Tool	5.00			5039.00		
Hydraulic tool	5.00			5044.00		
Jars	5.00			5049.00		
Safety Joint	3.00			5052.00		
Packer	5.00			5057.00	28.00	Bottom Of Top Packer
Packer	4.00			5061.00		
Stubb	1.00			5062.00		
Perforations	6.00			5068.00		
Change Over Sub	1.00			5069.00		
Drill Pipe	31.00			5100.00		
Change Over Sub	1.00			5101.00		
Recorder	0.00	6751	Inside	5101.00		
Recorder	0.00	8355	Inside	5101.00		
Perforations	15.00			5116.00		
Bullnose	4.00			5120.00	59.00	Bottom Packers & Anchor
Total Tool Length:	**87.00**					

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FLUID SUMMARY

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Valley Center KS 67147

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Unruh B #5-24

24 31 31 Seward KS

Job Ticket: 30832 **DST#: 3**

Test Start: 2008.02.11 @ 11:45:00

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:	53.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	8.75 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	3000.00 ppm				
Filter Cake:	inches				

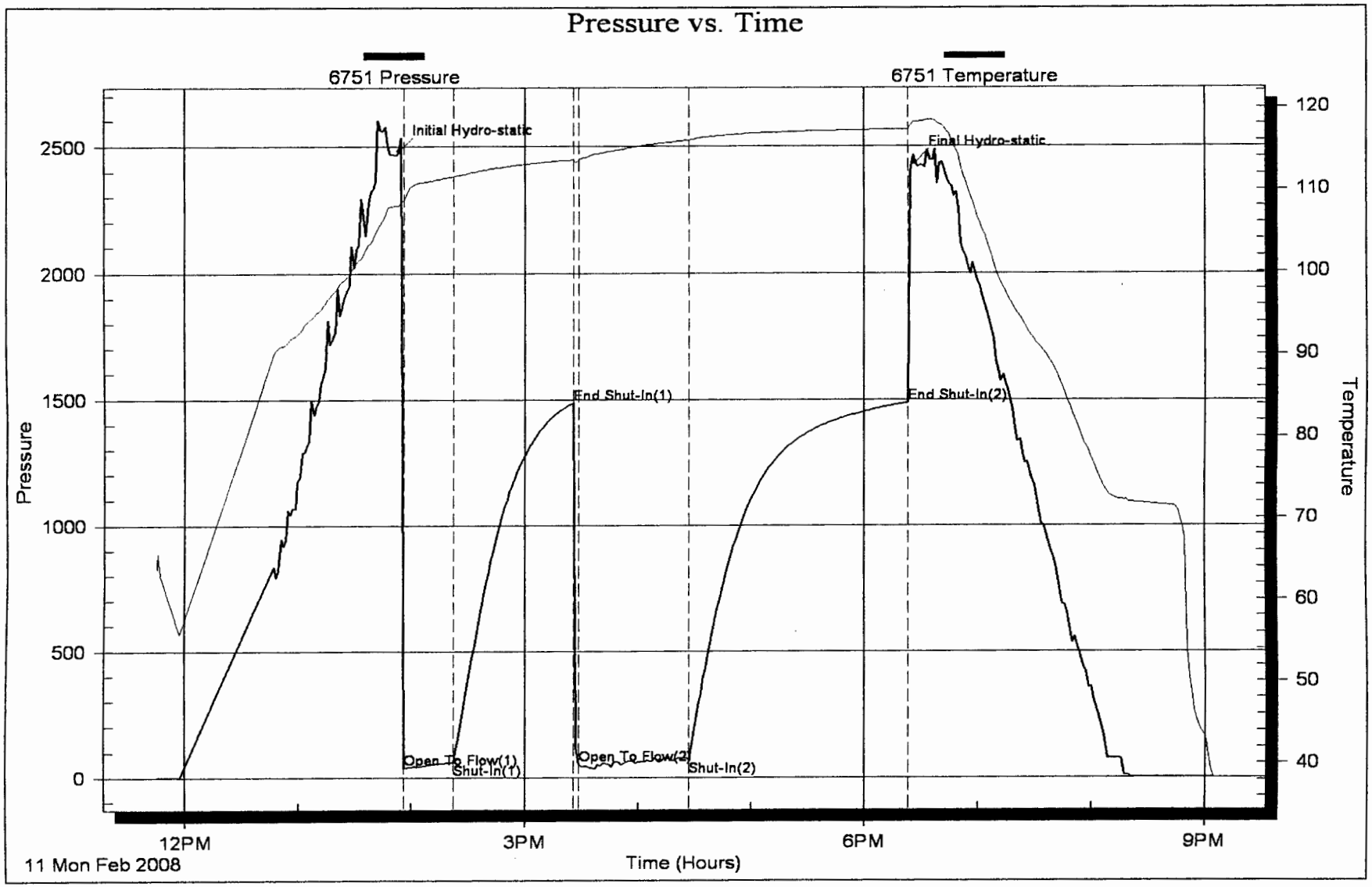
Recovery Information

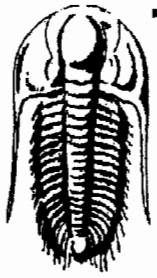
Recovery Table

Length ft	Description	Volume bbl
150.00	5%G 95%M	0.738

Total Length: 150.00 ft Total Volume: 0.738 bbl

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


Pressure vs. Time
6751 Pressure
6751 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)
11 Mon Feb 2008
12PM
3PM
6PM
9PM
2500
2000
1500
1000
500
0
120
110
100
90
80
70
60
50
40



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Unruh B #5-24

Start Date: 2008.02.12 @ 23:45:00
End Date: 2008.02.13 @ 10:12:00
Job Ticket #: 30833 DST #: 4

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ATTN: Brad Rine

Unruh B #5-24

24 31 31 Seward KS

Job Ticket: 30833 **DST#: 4**

Test Start: 2008.02.12 @ 23:45:00

GENERAL INFORMATION:

Formation: **Cherokee**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 02:25:45
Time Test Ended: 10:12:00

Test Type: Conventional Bottom Hole
Tester: Harley Davidson
Unit No: 33

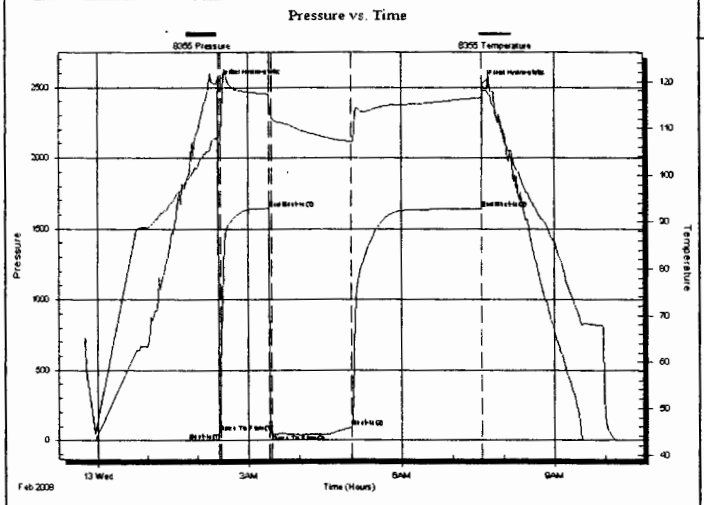
Interval: 5256.00 ft (KB) To 5390.00 ft (KB) (TVD)
Total Depth: 5390.00 ft (KB) (TVD)
Hole Diameter: 778.00 inches Hole Condition: Fair

Reference Elevations: 2800.00 ft (KB)
2789.00 ft (CF)
KB to GR/CF: 11.00 ft

Serial #: 8355 **Inside**
Press@RunDepth: 92.42 psig @ 5381.00 ft (KB)
Start Date: 2008.02.12 End Date: 2008.02.13
Start Time: 23:45:01 End Time: 10:12:00

Capacity: 7000.00 psig
Last Calib.: 1899.12.30
Time On Btm: 2008.02.13 @ 02:23:15
Time Off Btm: 2008.02.13 @ 07:35:45

TEST COMMENT: IF Strong blow BOB ASAO
ISI No blow back
FF Strong blow BOB ASAO GTS 2 min.
FSI No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2533.60	108.00	Initial Hydro-static
3	59.19	106.36	Open To Flow (1)
5	56.60	106.51	Shut-In(1)
62	1643.82	117.33	End Shut-In(1)
64	45.46	112.28	Open To Flow (2)
159	92.42	107.23	Shut-In(2)
312	1639.20	116.58	End Shut-In(2)
313	2526.29	117.76	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
45.00	100%M	0.22

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.50	20.00	232.05
Last Gas Rate	0.25	50.00	102.16
Max. Gas Rate	0.25	50.00	102.16

TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

Daystar Petroleum Inc

PO Box 360
Valley Center KS 67147

ATTN: Brad Rine

Unruh B #5-24

24 31 31 Seward KS

Job Ticket: 30833 **DST#: 4**

Test Start: 2008.02.12 @ 23:45:00

Tool Information

Drill Pipe:	Length:	4949.00 ft	Diameter:	3.80 inches	Volume:	69.42 bbl	Tool Weight:		2000.00 lb
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	0.00 inches	Volume:	0.00 bbl	Weight set on Packer:		25000.00 lb
Drill Collar:	Length:	304.00 ft	Diameter:	2.25 inches	Volume:	1.50 bbl	Weight to Pull Loose:		60000.00 lb
					Total Volume:	70.92 bbl	Tool Chased		0.00 ft
Drill Pipe Above KB:		25.00 ft					String Weight:	Initial	54000.00 lb
Depth to Top Packer:		5256.00 ft						Final	54000.00 lb
Depth to Bottom Packer:		ft							
Interval betw een Packers:		134.00 ft							
Tool Length:		162.00 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			5229.00		
Shut In Tool	5.00			5234.00		
Hydraulic tool	5.00			5239.00		
Jars	5.00			5244.00		
Safety Joint	3.00			5247.00		
Packer	5.00			5252.00	28.00	Bottom Of Top Packer
Packer	4.00			5256.00		
Stubb	1.00			5257.00		
Change Over Sub	1.00			5258.00		
Drill Pipe	122.00			5380.00		
Change Over Sub	1.00			5381.00		
Recorder	0.00	6751	Inside	5381.00		
Recorder	0.00	8355	Inside	5381.00		
Perforations	5.00			5386.00		
Bullnose	4.00			5390.00	134.00	Bottom Packers & Anchor
Total Tool Length:	**162.00**					

TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Daystar Petroleum Inc

PO Box 360
Valley Center KS 67147

ATTN: Brad Rine

Unruh B #5-24

24 31 31 Seward KS

Job Ticket: 30833 **DST#: 4**

Test Start: 2008.02.12 @ 23:45:00

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:	7.17 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	3500.00 ppm				
Filter Cake:	inches				

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
45.00	100%M	0.221

Total Length: 45.00 ft Total Volume: 0.221 bbl

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

Laboratory Name: Caraway Laboratory Location: Liberal, KS

Recovery Comments:

Daystar Petroleum Inc

PO Box 360
Valley Center KS 67147

ATTN: Brad Rine

Unruh B #5-24

24 31 31 Seward KS

Job Ticket: 30833 **DST#: 4**

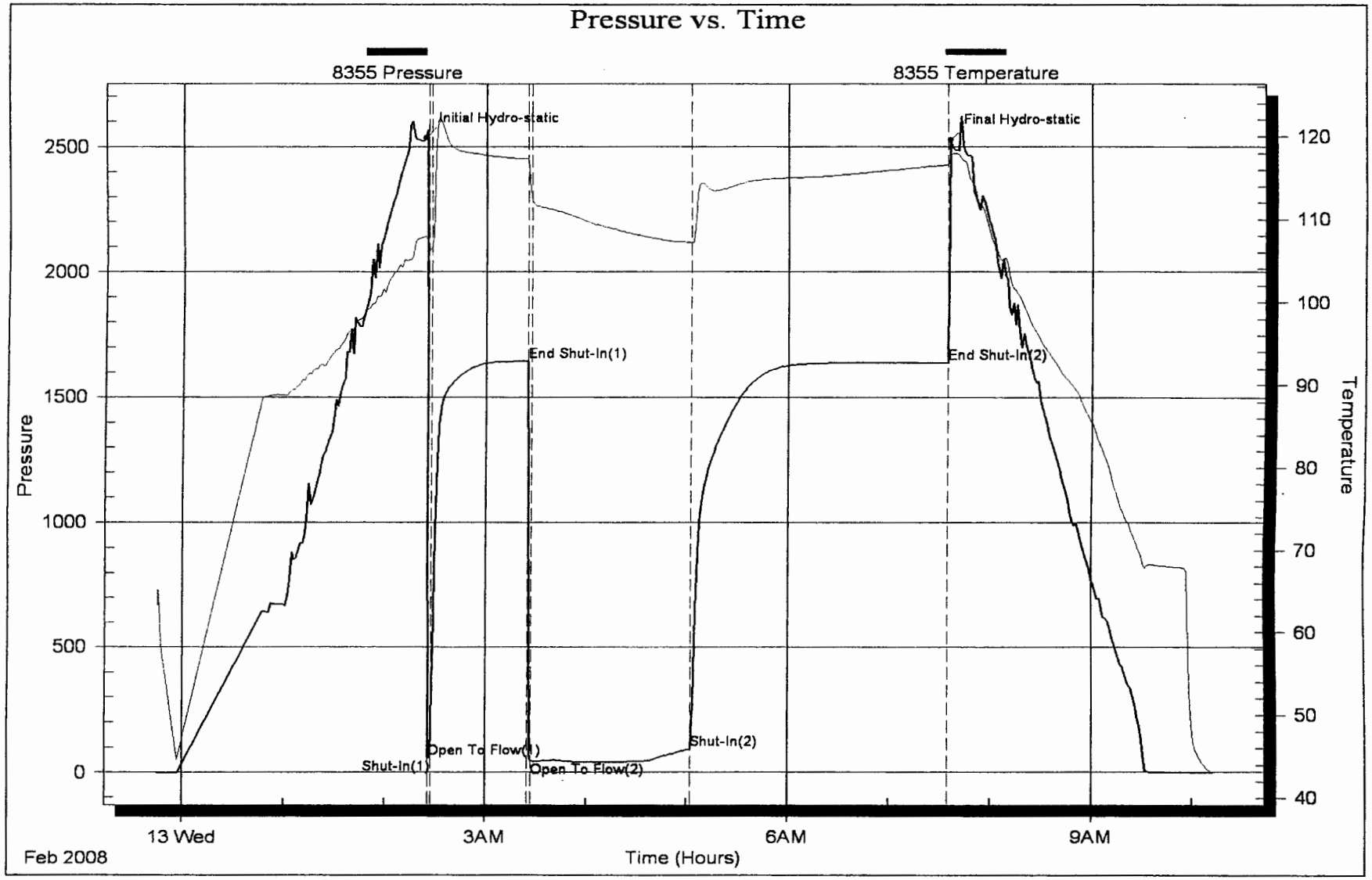
Test Start: 2008.02.12 @ 23:45:00

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	20.00	232.05
2	20	0.50	6.00	137.61
2	30	0.50	6.00	137.61
2	40	0.50	2.00	110.63
2	50	0.50	2.00	110.63
2	60	0.25	50.00	102.16
2	70	0.25	50.00	102.16
2	80	0.25	50.00	102.16
2	90	0.25	50.00	102.16


Pressure vs. Time
8355 Pressure
8355 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
2500
2000
1500
1000
500
0
120
110
100
90
80
70
60
50
40
13 Wed
3AM
6AM
9AM
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

24 31 31 Seward KS

Unruh B #5-24

Start Date: 2008.02.14 @ 02:15:00
End Date: 2008.02.14 @ 12:04:45
Job Ticket #: 30834 DST #: 5

RECEIVED
KANSAS CORPORATION COMMISSION

JUN 10 2008

CONSERVATION DIVISION
WICHITA, KS

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

Daystar Petroleum Inc
Unruh B #5-24
24 31 31 Seward KS
DST # 5
Morrow Chester
2008.02.14

DRILL STEM TEST REPORT

Daystar Petroleum Inc

PO Box 360
Valley Center KS 67147

ATTN: Brad Rine

Unruh B #5-24

24 31 31 Seward KS

Job Ticket: 30834 **DST#: 5**

Test Start: 2008.02.14 @ 02:15:00

GENERAL INFORMATION:

Formation: **Morrow Chester**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 04:43:45
Time Test Ended: 12:04:45

Test Type: Conventional Bottom Hole
Tester: Harley Davidson
Unit No: 33

Interval: 5398.00 ft (KB) To 5500.00 ft (KB) (TVD)
Total Depth: 5500.00 ft (KB) (TVD)
Hole Diameter: 778.00 inches Hole Condition: Fair

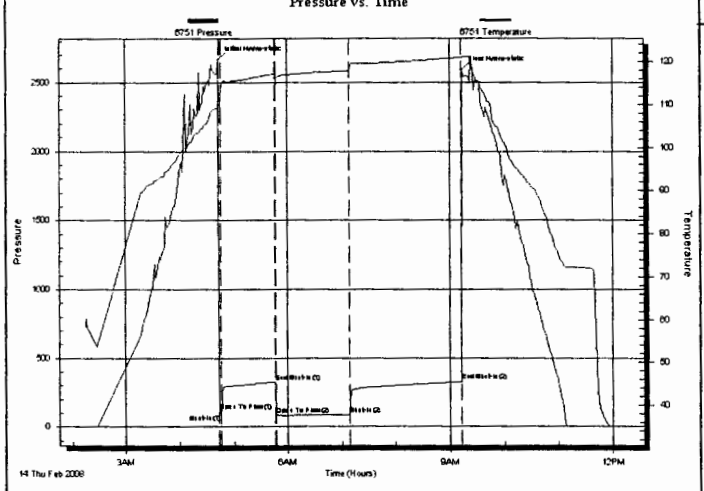
Reference Elevations: 2800.00 ft (KB)
2789.00 ft (CF)
KB to GR/CF: 11.00 ft

Serial #: 6751 **Inside**

Press@RunDepth: 83.54 psig @ 5469.00 ft (KB)
Start Date: 2008.02.14 End Date: 2008.02.14
Start Time: 02:15:01 End Time: 12:04:45

Capacity: 7000.00 psig
Last Calib.: 1899.12.30
Time On Btm: 2008.02.14 @ 04:43:15
Time Off Btm: 2008.02.14 @ 09:13:15

TEST COMMENT: IF Strong blow . BOB ASAO
ISI No blow back
FF Strong blow BOB ASAO GTS 5 min.
FSI Weakblow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2665.56	109.28	Initial Hydro-static
1	115.58	108.79	Open To Flow (1)
3	93.88	113.48	Shut-In(1)
63	326.12	117.21	End Shut-In(1)
65	86.50	115.99	Open To Flow (2)
146	83.54	117.84	Shut-In(2)
270	327.41	120.95	End Shut-In(2)
270	2588.97	120.96	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
200.00	100%M	0.98

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.50	7.00	144.36
Last Gas Rate	0.50	11.00	171.34
Max. Gas Rate	0.50	11.00	171.34

TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

Daystar Petroleum Inc

PO Box 360
Valley Center KS 67147

ATTN: Brad Rine

Unruh B #5-24

24 31 31 Seward KS

Job Ticket: 30834 **DST#: 5**

Test Start: 2008.02.14 @ 02:15:00

Tool Information

Drill Pipe:	Length:	5086.00 ft	Diameter:	3.80 inches	Volume:	71.34 bbl	Tool Weight:		2000.00 lb
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	0.00 inches	Volume:	0.00 bbl	Weight set on Packer:		25000.00 lb
Drill Collar:	Length:	304.00 ft	Diameter:	2.25 inches	Volume:	1.50 bbl	Weight to Pull Loose:		65000.00 lb
					Total Volume:	72.84 bbl	Tool Chased		0.00 ft
Drill Pipe Above KB:		20.00 ft					String Weight:	Initial	54000.00 lb
Depth to Top Packer:		5398.00 ft						Final	54000.00 lb
Depth to Bottom Packer:		ft							
Interval betw een Packers:		102.00 ft							
Tool Length:		130.00 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			5371.00		
Shut In Tool	5.00			5376.00		
Hydraulic tool	5.00			5381.00		
Jars	5.00			5386.00		
Safety Joint	3.00			5389.00		
Packer	5.00			5394.00	28.00	Bottom Of Top Packer
Packer	4.00			5398.00		
Stubb	1.00			5399.00		
Perforations	6.00			5405.00		
Change Over Sub	1.00			5406.00		
Drill Pipe	62.00			5468.00		
Change Over Sub	1.00			5469.00		
Recorder	0.00	6751	Inside	5469.00		
Recorder	0.00	8355	Inside	5469.00		
Perforations	27.00			5496.00		
Bullnose	4.00			5500.00	102.00	Bottom Packers & Anchor
Total Tool Length:	**130.00**					

TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Daystar Petroleum Inc

PO Box 360
Valley Center KS 67147

ATTN: Brad Rine

Unruh B #5-24

24 31 31 Seward KS

Job Ticket: 30834 **DST#: 5**

Test Start: 2008.02.14 @ 02:15:00

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:	54.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	7.19 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	3800.00 ppm				
Filter Cake:	inches				

Recovery Information

Recovery Table

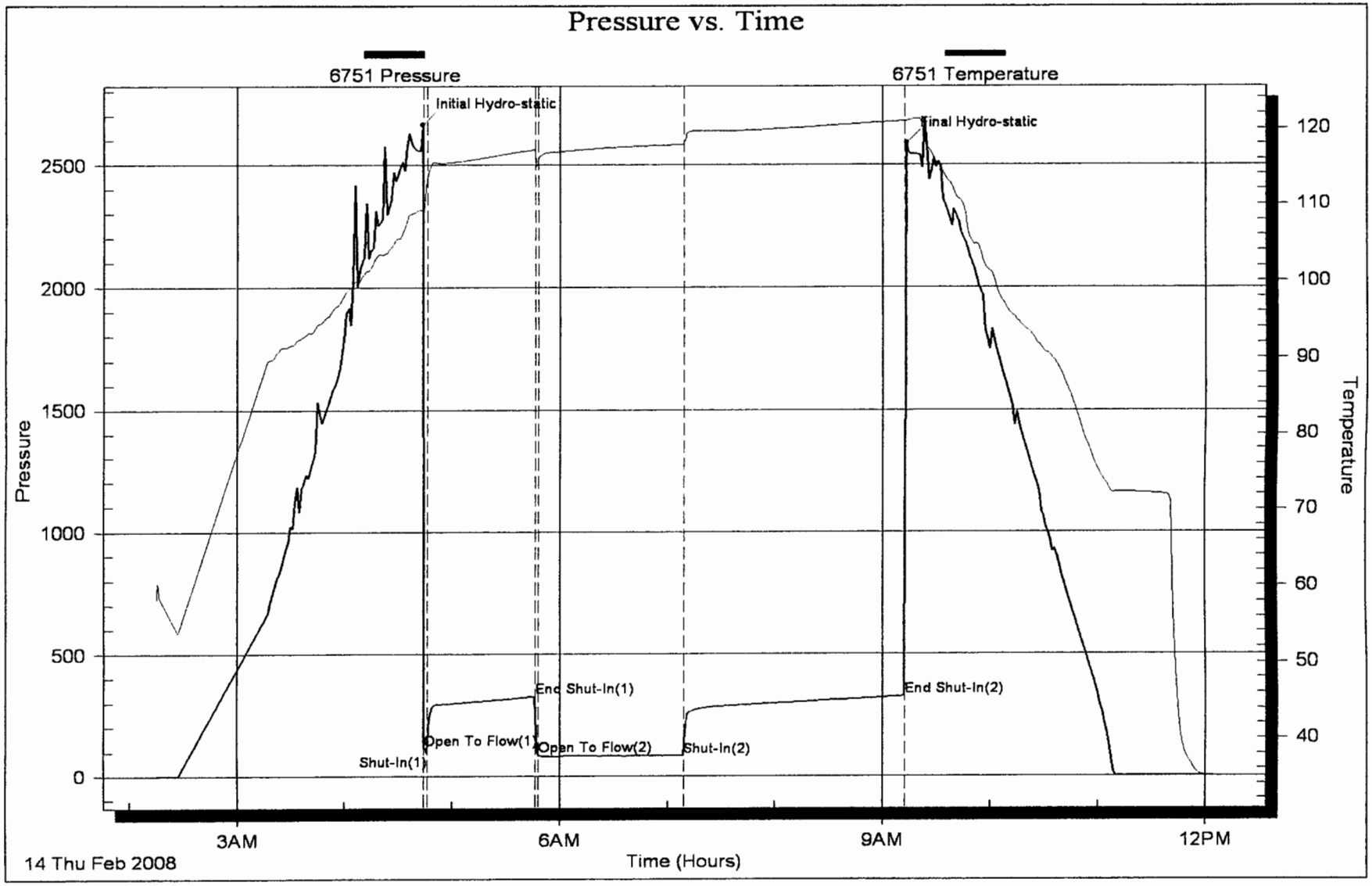
Length ft	Description	Volume bbl
200.00	100%M	0.984

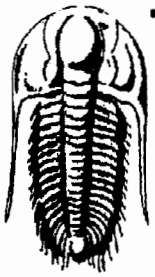
Total Length: 200.00 ft Total Volume: 0.984 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments:


Pressure vs. Time
6751 Pressure
6751 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
Time (Hours)
3AM
6AM
9AM
12PM
14 Thu Feb 2008
0
500
1000
1500
2000
2500
40
50
60
70
80
90
100
110
120



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Daystar Petroleum Inc**

PO Box 360
Valley Center KS 67147

ATTN: Brad Rine

24 31 31 Seward KS

Unruh B #5-24

Start Date: 2008.02.15 @ 18:45:00
End Date: 2008.02.16 @ 02:12:45
Job Ticket #: 30835 DST #: 6

RECEIVED
KANSAS CORPORATION COMMISSION
JUN 10 2008
CONSERVATION DIVISION
WICHITA, KS

Trilobite Testing, Inc
PO Box 362 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

Unruh B #5-24

24 31 31 Seward KS

Job Ticket: 30835 **DST#: 6**

Test Start: 2008.02.15 @ 18:45:00

GENERAL INFORMATION:

Formation: **Chester/St. Louis**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 21:58:00
Time Test Ended: 02:12:45

Test Type: Conventional Straddle
Tester: Harley Davidson
Unit No: 33

Interval: 5547.00 ft (KB) To 5724.00 ft (KB) (TVD)
Total Depth: 5789.00 ft (KB) (TVD)
Hole Diameter: 778.00 inches Hole Condition: Fair

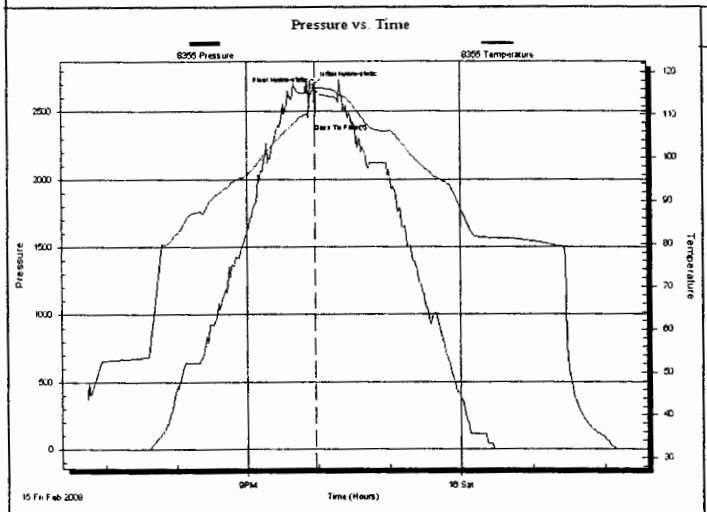
Reference Elevations: 2800.00 ft (KB)
2789.00 ft (CF)
KB to GR/CF: 11.00 ft

Serial #: 8355 **Inside**

Press@RunDepth: psig @ 5791.00 ft (KB)
Start Date: 2008.02.15 End Date: 2008.02.16
Start Time: 18:45:01 End Time: 02:12:45

Capacity: 7000.00 psig
Last Calib.: 1899.12.30
Time On Btm: 2008.02.15 @ 21:57:00
Time Off Btm: 2008.02.15 @ 21:59:00

TEST COMMENT: MISS RUN Packers would not seat Went back to drilling



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2697.35	118.20	Initial Hydro-static
1	2346.42	117.12	Open To Flow (1)
2	2650.29	116.23	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
900.00	100%M	9.86

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

Unruh B #5-24

24 31 31 Seward KS

Job Ticket: 30835 **DST#: 6**

Test Start: 2008.02.15 @ 18:45:00

Tool Information

Drill Pipe:	Length:	5225.00 ft	Diameter:	3.80 inches	Volume:	73.29 bbl	
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	0.00 inches	Volume:	0.00 bbl	
Drill Collar:	Length:	304.00 ft	Diameter:	2.25 inches	Volume:	1.50 bbl	
					Total Volume:	74.79 bbl	

Drill Pipe Above KB:	10.00 ft
Depth to Top Packer:	5547.00 ft
Depth to Bottom Packer:	5724.00 ft
Interval between Packers:	177.00 ft
Tool Length:	276.00 ft
Number of Packers:	3 Diameter: 6.75 inches

Tool Weight:	2000.00 lb
Weight set on Packer:	25000.00 lb
Weight to Pull Loose:	62000.00 lb
Tool Chased	0.00 ft
String Weight: Initial	58000.00 lb
Final	62000.00 lb

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Change Over Sub	2.00			5521.00		
Shut In Tool	5.00			5526.00		
Hydraulic tool	5.00			5531.00		
Jars	5.00			5536.00		
Safety Joint	2.00			5538.00		
Packer	5.00			5543.00	28.00	Bottom Of Top Packer
Packer	4.00			5547.00		
Stubb	1.00			5548.00		
Perforations	1.00			5549.00		
Recorder	0.00	6751	Inside	5549.00		
Change Over Sub	1.00			5550.00		
Drill Pipe	155.00			5705.00		
Change Over Sub	1.00			5706.00		
Perforations	18.00			5724.00	177.00	Tool Interval
Packer	5.00			5729.00		
Change Over Sub	1.00			5730.00		
Drill Pipe	60.00			5790.00		
Change Over Sub	1.00			5791.00		
Recorder	0.00	8355	Inside	5791.00		
Bullnose	4.00			5795.00	71.00	Bottom Packers & Anchor
Total Tool Length:	**276.00**					

TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Daystar Petroleum Inc

PO Box 360
Valley Center KS 67147

ATTN: Brad Rine

Unruh B #5-24

24 31 31 Seward KS

Job Ticket: 30835 **DST#: 6**

Test Start: 2008.02.15 @ 18:45:00

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:	50.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	7.20 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	4000.00 ppm				
Filter Cake:	inches				

Recovery Information

Recovery Table

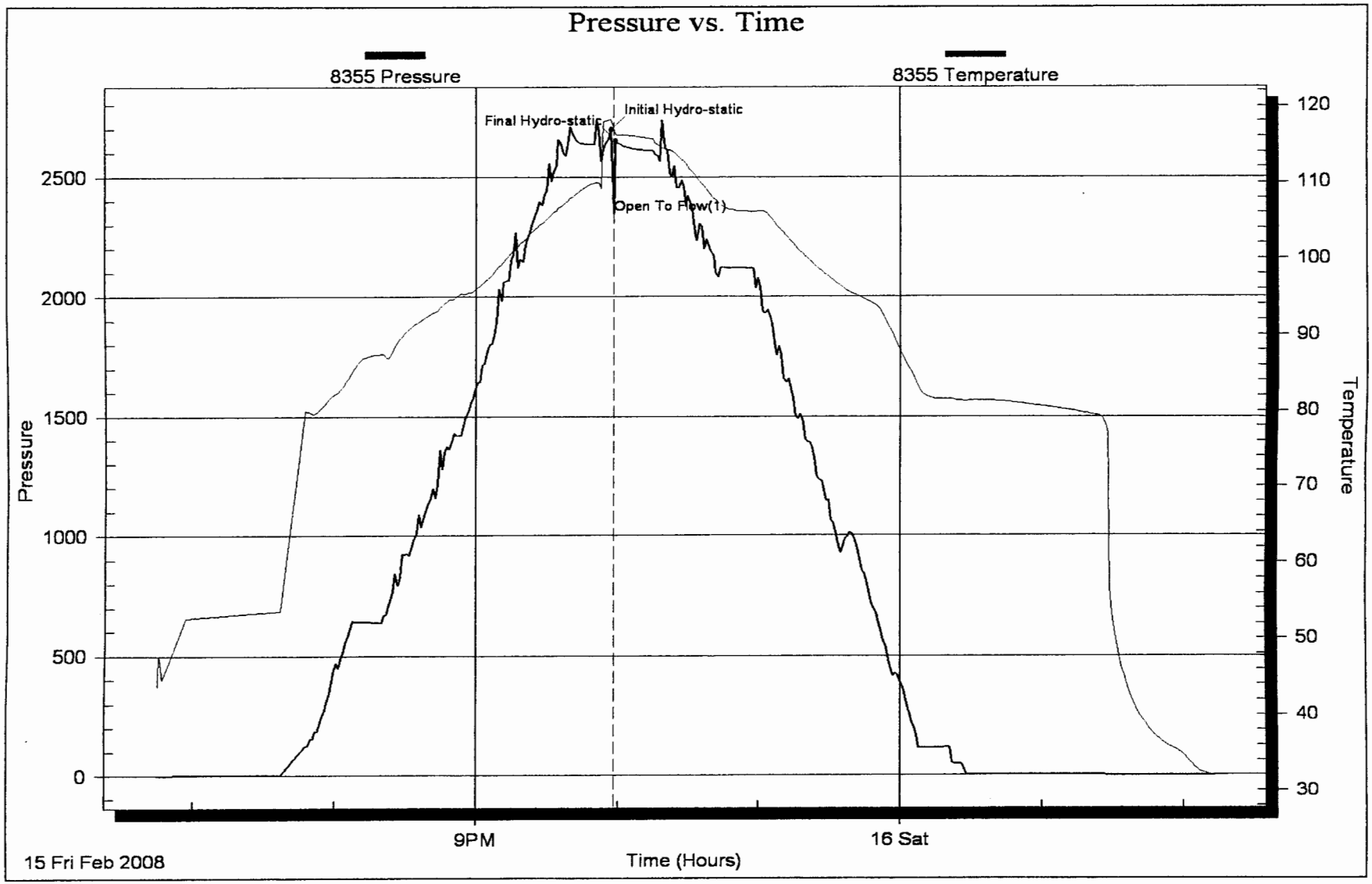
Length ft	Description	Volume bbl
900.00	100%M	9.855

Total Length: 900.00 ft Total Volume: 9.855 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments:


Pressure vs. Time
8355 Pressure
8355 Temperature
Final Hydro-static
Initial Hydro-static
Open To Flow(1)
2500
2000
1500
1000
500
0
Pressure
120
110
100
90
80
70
60
50
40
30
Temperature
9PM
16 Sat
15 Fri Feb 2008
Time (Hours)