



DRILL STEM TEST REPORT

Prepared For: **Daystar Petroleum Inc**

PO Box 560
Eureka KS 67045-0560

ATTN: Brad Rine

36-12s-18w Ellis,KS

Jensen-King Unit #1-36

Start Date: 2015.08.27 @ 03:00:00

End Date: 2015.08.27 @ 09:23:00

Job Ticket #: 61651 DST #: 1

Trilobite Testing, Inc
1515 Commerce Parkway Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2015.09.04 @ 08:57:02



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Daystar Petroleum Inc
PO Box 560
Eureka KS 67045-0560
ATTN: Brad Rine

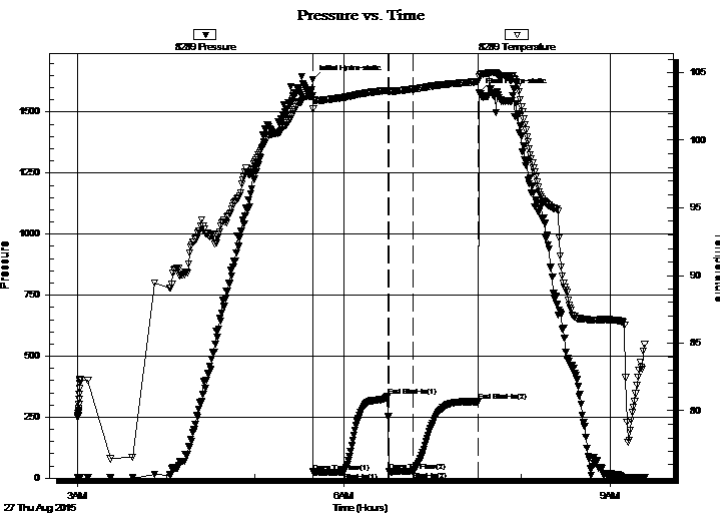
Jensen-King Unit #1-36
36-12s-18w Ellis,KS
Job Ticket: 61651 **DST#: 1**
Test Start: 2015.08.27 @ 03:00:00

GENERAL INFORMATION:

Formation: **Toronto & LKC " A -**
Deviated: No Whipstock: ft (KB) Test Type: Conventional Bottom Hole (Initial)
Time Tool Opened: 05:39:15 Tester: Jim Svaty
Time Test Ended: 09:23:00 Unit No: 76
Interval: 3296.00 ft (KB) To 3368.00 ft (KB) (TVD) Reference Elevations: 2084.00 ft (KB)
Total Depth: 3368.00 ft (KB) (TVD) 2076.00 ft (CF)
Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 8.00 ft

Serial #: 8289 Outside
Press@RunDepth: 26.31 psig @ 3302.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2015.08.27 End Date: 2015.08.27 Last Calib.: 2015.08.27
Start Time: 03:00:02 End Time: 09:23:30 Time On Btm: 2015.08.27 @ 05:39:00
Time Off Btm: 2015.08.27 @ 07:31:30

TEST COMMENT: 20-IF- Surface Blow Died in 12 min.
30-ISI- No Blow
15-FF- No Blow
45-FSI- No Blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1632.44	103.29	Initial Hydro-static
1	25.65	102.34	Open To Flow (1)
21	24.49	103.16	Shut-In(1)
51	334.12	103.69	End Shut-In(1)
52	25.99	103.60	Open To Flow (2)
68	26.31	103.78	Shut-In(2)
112	313.68	104.34	End Shut-In(2)
113	1580.85	104.71	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	Mud 100%	0.02

Gas Rates

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



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Daystar Petroleum Inc
 PO Box 560
 Eureka KS 67045-0560
 ATTN: Brad Rine

Jensen-King Unit #1-36

36-12s-18w Ellis,KS

Job Ticket: 61651 **DST#: 1**
 Test Start: 2015.08.27 @ 03:00:00

GENERAL INFORMATION:

Formation: **Toronto & LKC " A -**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 05:39:15

Time Test Ended: 09:23:00

Interval: 3296.00 ft (KB) To 3368.00 ft (KB) (TVD)

Total Depth: 3368.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Test Type: Conventional Bottom Hole (Initial)

Tester: Jim Svaty

Unit No: 76

Reference Elevations: 2084.00 ft (KB)

2076.00 ft (CF)

KB to GR/CF: 8.00 ft

Serial #: 8789

Inside

Press@RunDepth: psig @ 3302.00 ft (KB)

Start Date: 2015.08.27

End Date: 2015.08.27

Start Time: 03:00:02

End Time: 09:23:00

Capacity: 8000.00 psig

Last Calib.: 2015.08.27

Time On Btm:

Time Off Btm:

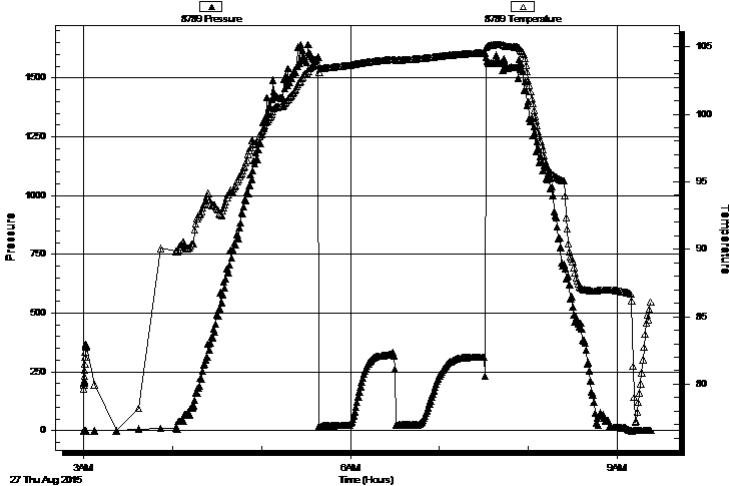
TEST COMMENT: 20-IF- Surface Blow Died in 12 min.

30-ISI- No Blow

15-FF- No Blow

45-FSI- No Blow

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

Recovery

Length (ft)	Description	Volume (bbl)
5.00	Mud 100%	0.02

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Daystar Petroleum Inc
PO Box 560
Eureka KS 67045-0560
ATTN: Brad Rine

Jensen-King Unit #1-36
36-12s-18w Ellis,KS
Job Ticket: 61651 **DST#: 1**
Test Start: 2015.08.27 @ 03:00:00

Tool Information

Drill Pipe:	Length: 3157.00 ft	Diameter: 3.80 inches	Volume: 44.28 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.75 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 141.00 ft	Diameter: 2.25 inches	Volume: 0.69 bbl	Weight to Pull Loose: 52000.00 lb
			<u>Total Volume: 44.97 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	30.00 ft			String Weight: Initial 48000.00 lb
Depth to Top Packer:	3296.00 ft			Final 48000.00 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

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3269.00	
Shut In Tool	5.00			3274.00	
Hydraulic tool	5.00			3279.00	
Jars	5.00			3284.00	
Safety Joint	2.00			3286.00	
Packer	5.00			3291.00	28.00 Bottom Of Top Packer
Packer	5.00			3296.00	
Stubb	1.00			3297.00	
Perforations	4.00			3301.00	
Change Over Sub	1.00			3302.00	
Recorder	0.00	8789	Inside	3302.00	
Recorder	0.00	8289	Outside	3302.00	
Blank Spacing	62.00			3364.00	
Change Over Sub	1.00			3365.00	
Bullnose	3.00			3368.00	72.00 Bottom Packers & Anchor

Total Tool Length: 100.00



**TRILOBITE
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DRILL STEM TEST REPORT

FLUID SUMMARY

Daystar Petroleum Inc
PO Box 560
Eureka KS 67045-0560
ATTN: Brad Rine

Jensen-King Unit #1-36
36-12s-18w Ellis,KS
Job Ticket: 61651 **DST#: 1**
Test Start: 2015.08.27 @ 03:00:00

Mud and Cushion Information

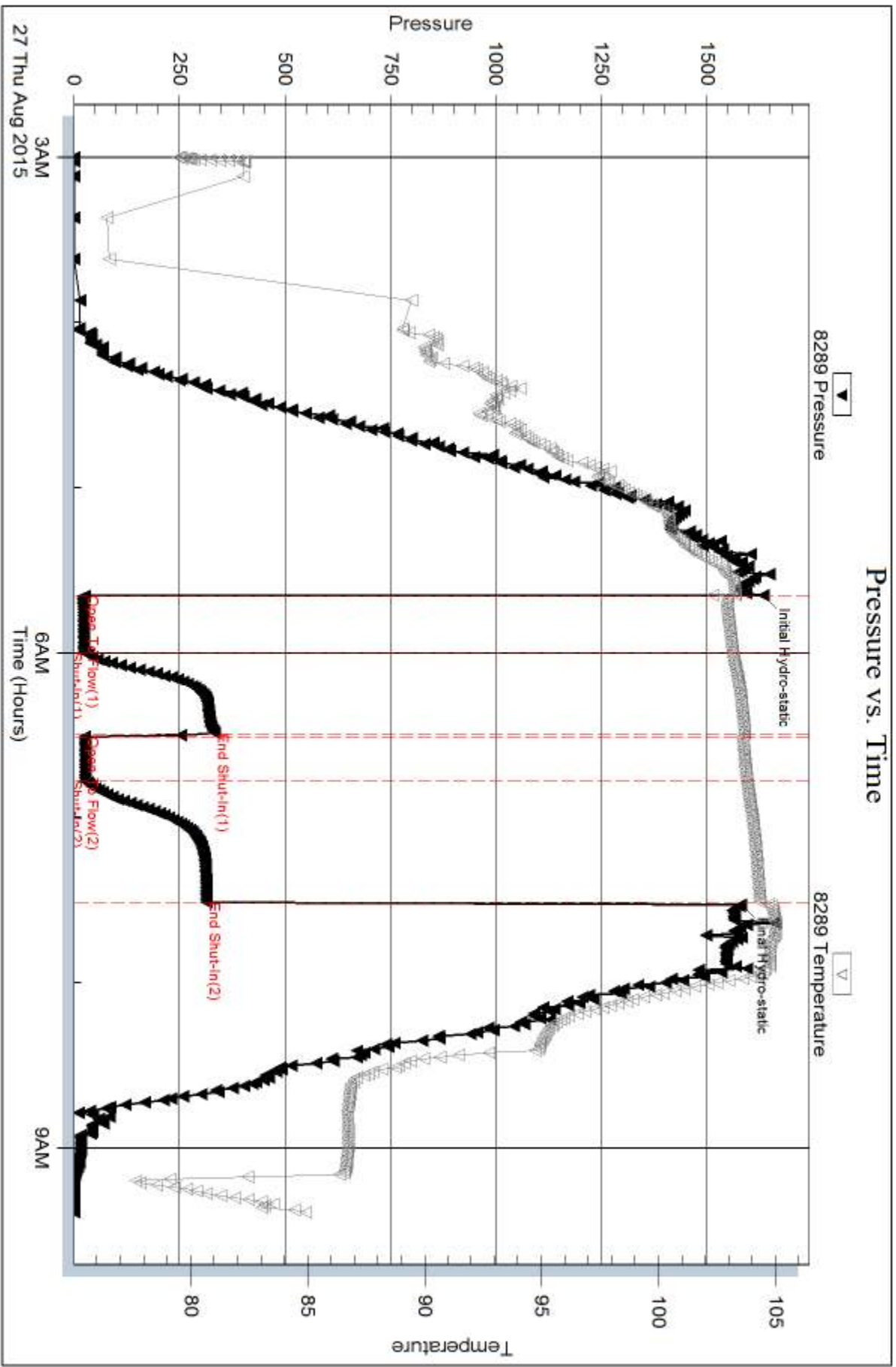
Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 51.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.09 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 3500.00 ppm			
Filter Cake: 2.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	Mud 100%	0.025

Total Length: 5.00 ft Total Volume: 0.025 bbl
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:



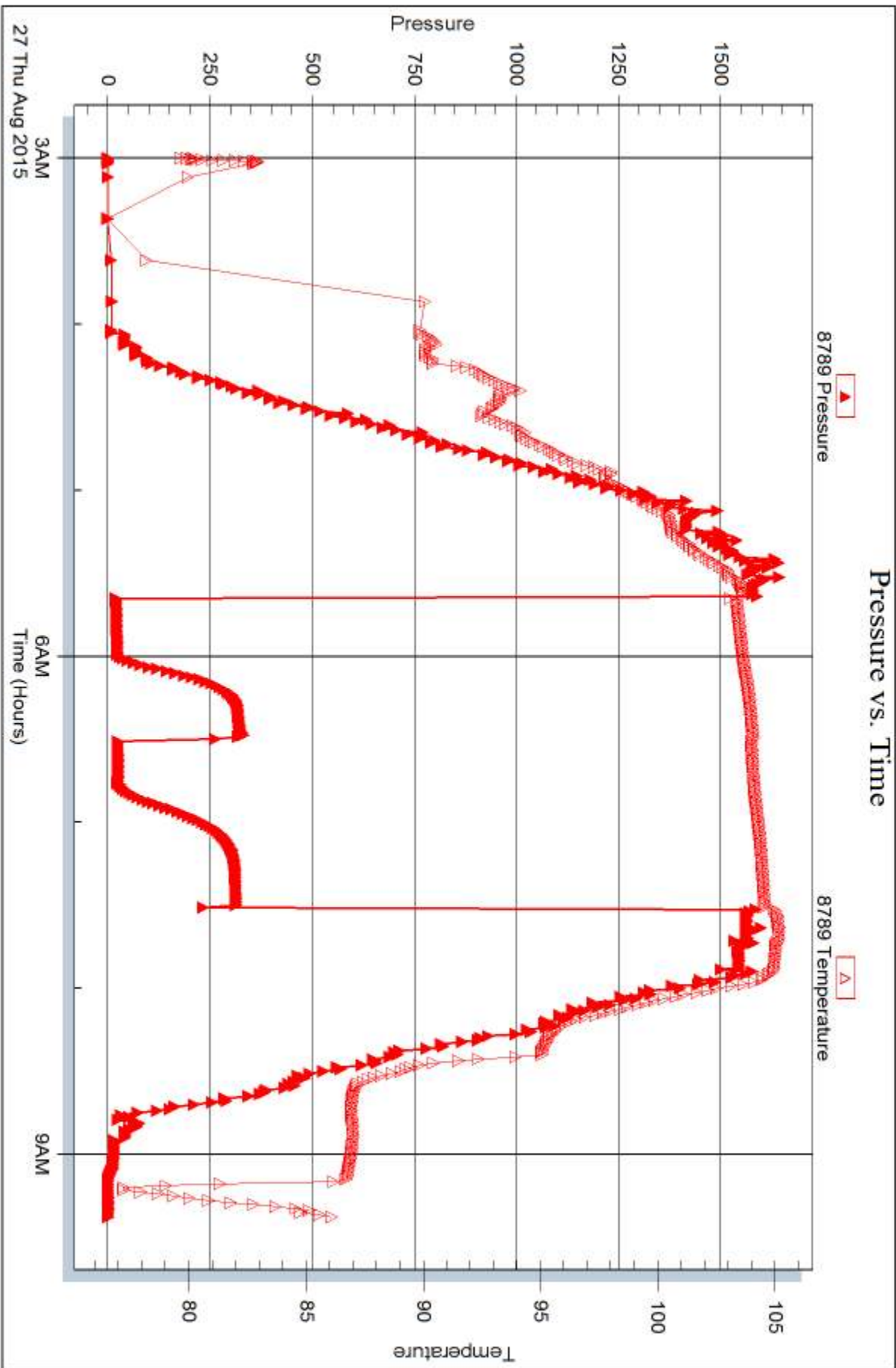
Serial #: 8789

Inside

Daystar Petroleum Inc

36-12s-18w Ellis, KS

DST Test Number: 1



Trilobite Testing, Inc

Ref. No: 61651

Printed: 2015.09.04 @ 08:57:04



DRILL STEM TEST REPORT

Prepared For: **Daystar Petroleum Inc**

PO Box 560
Eureka KS 67045-0560

ATTN: Brad Rine

36-12s-18w Ellis,KS

Jensen-King Unit #1-36

Start Date: 2015.08.27 @ 16:18:00

End Date: 2015.08.27 @ 23:25:00

Job Ticket #: 61652 DST #: 2

Trilobite Testing, Inc
1515 Commerce Parkway Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2015.09.04 @ 08:55:59

Daystar Petroleum Inc

Jensen-King Unit #1-36

36-12s-18w Ellis,KS

DST # 2

LKC " C "

2015.08.27



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Daystar Petroleum Inc
 PO Box 560
 Eureka KS 67045-0560
 ATTN: Brad Rine

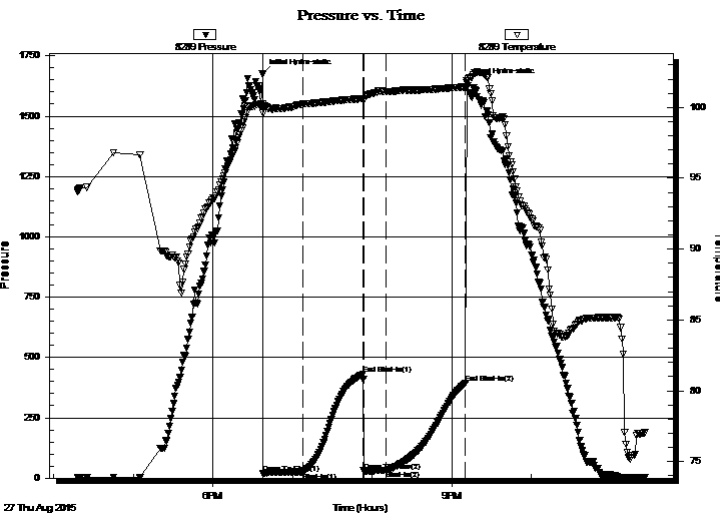
Jensen-King Unit #1-36
36-12s-18w Ellis,KS
 Job Ticket: 61652 **DST#: 2**
 Test Start: 2015.08.27 @ 16:18:00

GENERAL INFORMATION:

Formation: **LKC " C "**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 18:37:45
 Time Test Ended: 23:25:00
 Interval: **3363.00 ft (KB) To 3390.00 ft (KB) (TVD)**
 Total Depth: 3390.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Jim Svaty
 Unit No: 76
 Reference Elevations: 2084.00 ft (KB)
 2076.00 ft (CF)
 KB to GR/CF: 8.00 ft

Serial #: 8289 Outside
 Press@RunDepth: 31.88 psig @ 3364.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2015.08.27 End Date: 2015.08.27 Last Calib.: 2015.08.27
 Start Time: 16:18:02 End Time: 23:25:15 Time On Btm: 2015.08.27 @ 18:37:30
 Time Off Btm: 2015.08.27 @ 21:11:15

TEST COMMENT: 30-IF- 1/4". Weak Blow
 45-ISI- No Blow
 15-FF- No Blow
 60-FSI- No Blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1677.56	100.24	Initial Hydro-static
1	21.16	99.60	Open To Flow (1)
31	26.12	100.23	Shut-In(1)
76	430.19	100.62	End Shut-In(1)
76	30.14	100.48	Open To Flow (2)
93	31.88	101.12	Shut-In(2)
153	392.86	101.45	End Shut-In(2)
154	1638.71	101.89	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
30.00	OCM 4%o 96%m	0.15
0.00	30 GIP	0.00

* Recovery from multiple tests

Gas Rates

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



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Daystar Petroleum Inc
 PO Box 560
 Eureka KS 67045-0560
 ATTN: Brad Rine

Jensen-King Unit #1-36

36-12s-18w Ellis,KS

Job Ticket: 61652 **DST#: 2**

Test Start: 2015.08.27 @ 16:18:00

GENERAL INFORMATION:

Formation: **LKC " C "**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 18:37:45

Time Test Ended: 23:25:00

Test Type: Conventional Bottom Hole (Reset)

Tester: Jim Svaty

Unit No: 76

Interval: 3363.00 ft (KB) To 3390.00 ft (KB) (TVD)

Reference Elevations: 2084.00 ft (KB)

Total Depth: 3390.00 ft (KB) (TVD)

2076.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

Serial #: 8789

Inside

Press@RunDepth: psig @ 3364.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2015.08.27 End Date: 2015.08.27

Last Calib.: 2015.08.27

Start Time: 16:18:02 End Time: 23:25:00

Time On Btm:

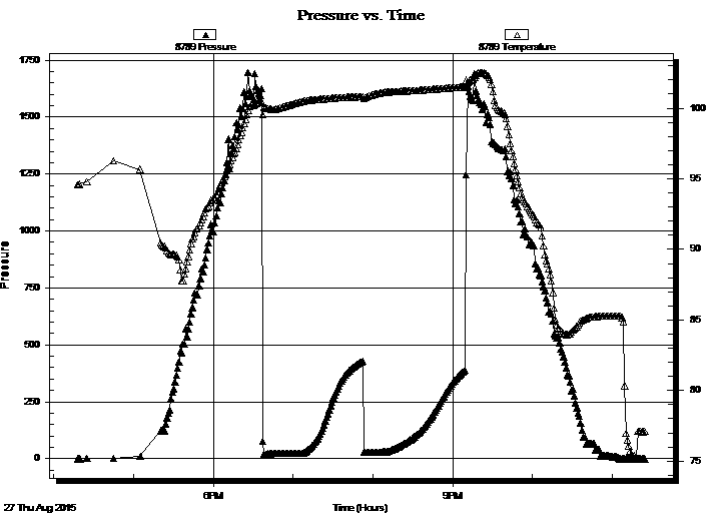
Time Off Btm:

TEST COMMENT: 30-IF- 1/4". Weak Blow

45-ISI- No Blow

15-FF- No Blow

60-FSI- No Blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

Recovery

Length (ft)	Description	Volume (bbl)
30.00	OCM 4%o 96%m	0.15
0.00	30 GIP	0.00

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Daystar Petroleum Inc
PO Box 560
Eureka KS 67045-0560
ATTN: Brad Rine

Jensen-King Unit #1-36
36-12s-18w Ellis,KS
Job Ticket: 61652 **DST#: 2**
Test Start: 2015.08.27 @ 16:18:00

Tool Information

Drill Pipe:	Length: 3218.00 ft	Diameter: 3.80 inches	Volume: 45.14 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.75 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 141.00 ft	Diameter: 2.25 inches	Volume: 0.69 bbl	Weight to Pull Loose: 52000.00 lb
			<u>Total Volume: 45.83 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	24.00 ft			String Weight: Initial 48000.00 lb
Depth to Top Packer:	3363.00 ft			Final 48000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	27.00 ft			
Tool Length:	55.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Change Over Sub	1.00			3336.00	
Shut In Tool	5.00			3341.00	
Hydraulic tool	5.00			3346.00	
Jars	5.00			3351.00	
Safety Joint	2.00			3353.00	
Packer	5.00			3358.00	28.00 Bottom Of Top Packer
Packer	5.00			3363.00	
Stubb	1.00			3364.00	
Recorder	0.00	8789	Inside	3364.00	
Recorder	0.00	8289	Outside	3364.00	
Perforations	23.00			3387.00	
Bullnose	3.00			3390.00	27.00 Bottom Packers & Anchor

Total Tool Length: 55.00



**TRILOBITE
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DRILL STEM TEST REPORT

FLUID SUMMARY

Daystar Petroleum Inc
PO Box 560
Eureka KS 67045-0560
ATTN: Brad Rine

Jensen-King Unit #1-36
36-12s-18w Ellis,KS
Job Ticket: 61652 **DST#: 2**
Test Start: 2015.08.27 @ 16:18:00

Mud and Cushion Information

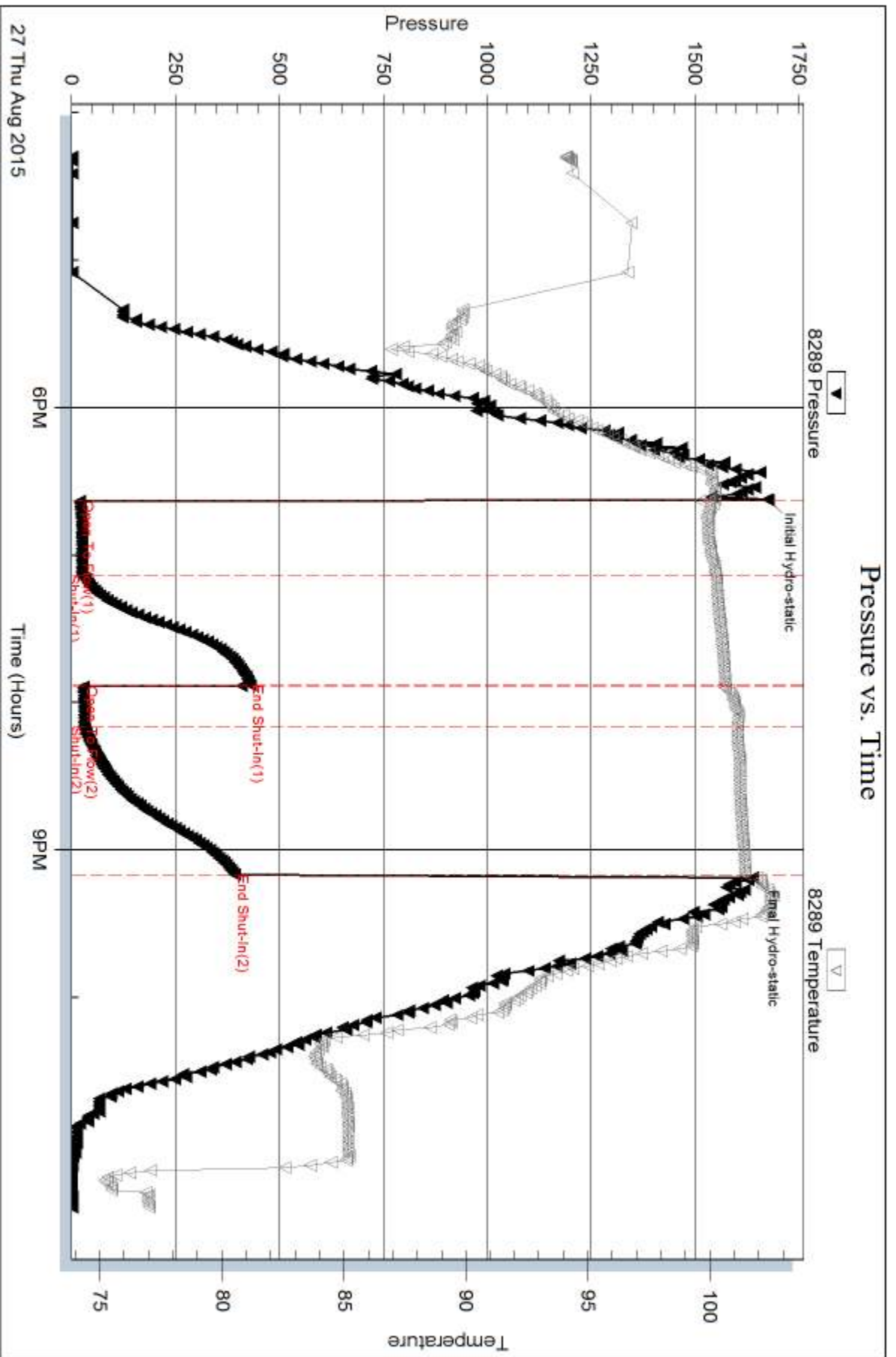
Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 56.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.70 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 3500.00 ppm			
Filter Cake: 2.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
30.00	OCM 4%o 96%m	0.148
0.00	30 GIP	0.000

Total Length: 30.00 ft Total Volume: 0.148 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:



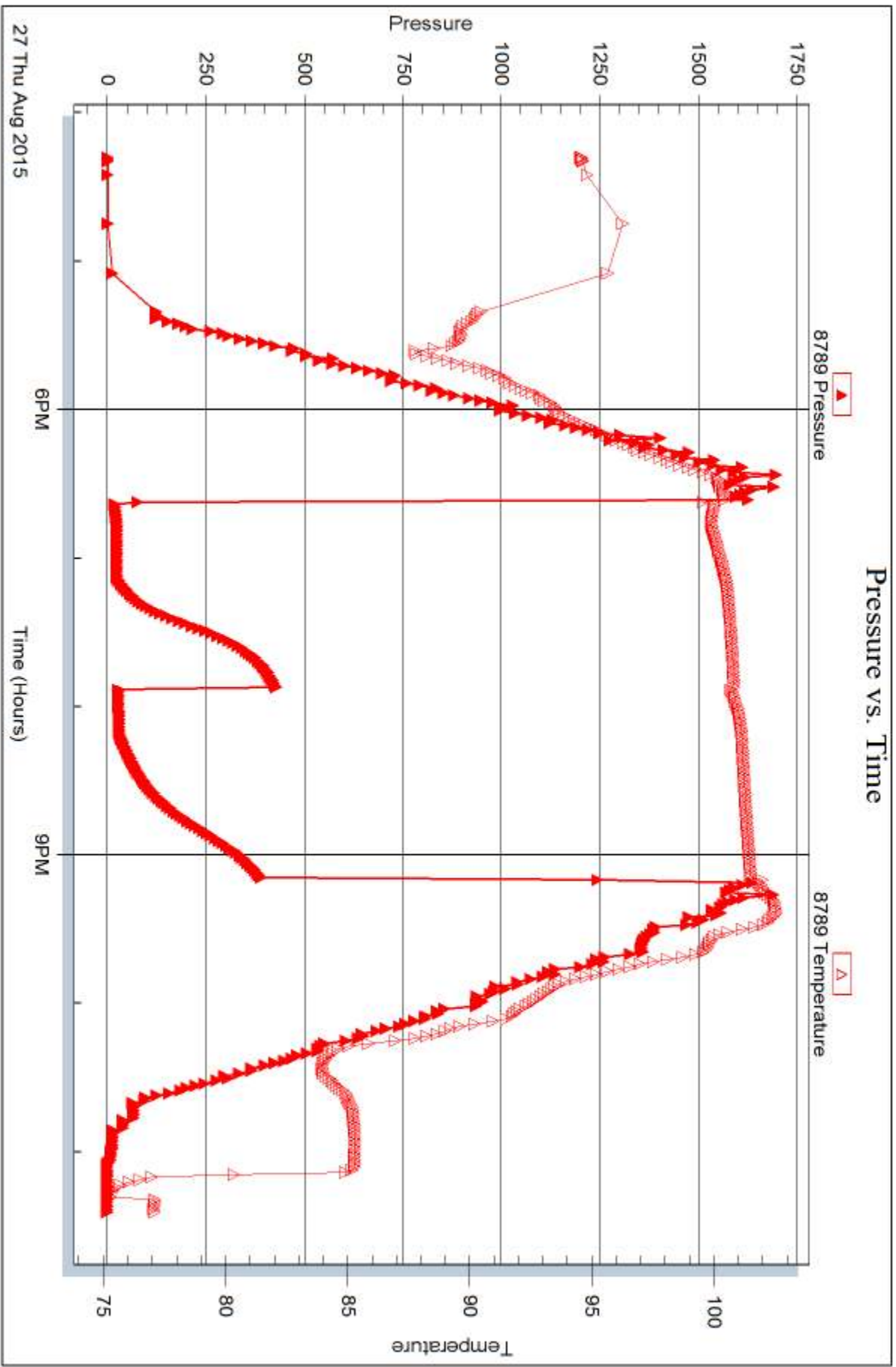
Serial #: 8789

Inside

Daystar Petroleum Inc

36-12s-18w Ellis, KS

DST Test Number: 2



Trilobite Testing, Inc

Ref. No: 61652

Printed: 2015.09.04 @ 08:56:01



DRILL STEM TEST REPORT

Prepared For: **Daystar Petroleum Inc**

PO Box 560
Eureka KS 67045-0560

ATTN: Brad Rine

36-12s-18w Ellis,KS

Jensen-King Unit #1-36

Start Date: 2015.08.28 @ 07:44:00

End Date: 2015.08.28 @ 16:38:00

Job Ticket #: 61653 DST #: 3

Trilobite Testing, Inc
1515 Commerce Parkway Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2015.09.04 @ 08:55:30



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Daystar Petroleum Inc
PO Box 560
Eureka KS 67045-0560
ATTN: Brad Rine

Jensen-King Unit #1-36

36-12s-18w Ellis,KS

Job Ticket: 61653 **DST#: 3**
Test Start: 2015.08.28 @ 07:44:00

GENERAL INFORMATION:

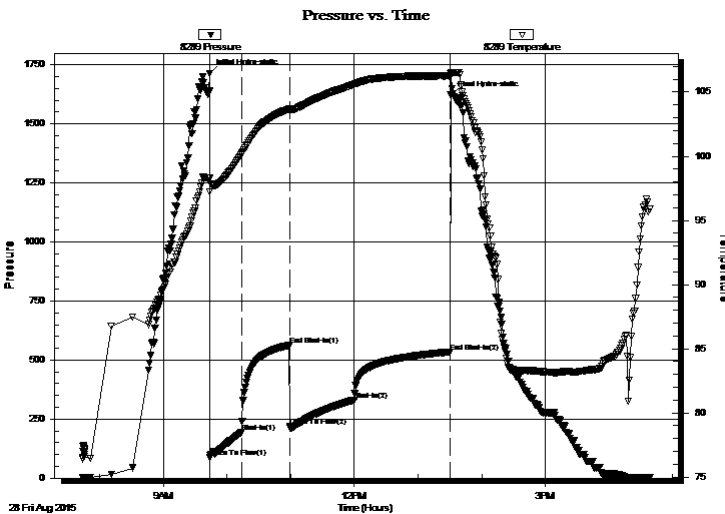
Formation: **LKC " D - F "**
Deviated: No Whipstock: ft (KB) Test Type: Conventional Bottom Hole (Reset)
Time Tool Opened: 09:44:00 Tester: Jim Svaty
Time Test Ended: 16:38:00 Unit No: 76
Interval: 3387.00 ft (KB) To 3432.00 ft (KB) (TVD) Reference Elevations: 2084.00 ft (KB)
Total Depth: 3432.00 ft (KB) (TVD) 2076.00 ft (CF)
Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 8.00 ft

Serial #: 8289 Outside

Press@RunDepth: 330.84 psig @ 3397.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2015.08.28 End Date: 2015.08.28 Last Calib.: 2015.08.28
Start Time: 07:44:02 End Time: 16:38:30 Time On Btm: 2015.08.28 @ 09:43:45
Time Off Btm: 2015.08.28 @ 13:30:45

TEST COMMENT: 30-IF- BOB in 2 min.
45-ISI- BOB in 6 min.
60-FF- BOB in 2 min.
90-FSI- BOB in 11 min.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1714.03	98.29	Initial Hydro-static
1	86.93	97.25	Open To Flow (1)
31	194.23	100.18	Shut-In(1)
75	562.77	103.68	End Shut-In(1)
76	218.07	103.54	Open To Flow (2)
137	330.84	105.60	Shut-In(2)
227	532.91	106.26	End Shut-In(2)
227	1621.23	106.41	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
420.00	Gassy MCO 10%m 25%g 65%o	4.61
496.00	Gassy CO 40%g 60%o	6.96
0.00	1922 GIP	0.00

* Recovery from multiple tests

Gas Rates

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



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Daystar Petroleum Inc
 PO Box 560
 Eureka KS 67045-0560
 ATTN: Brad Rine

Jensen-King Unit #1-36
36-12s-18w Ellis,KS
 Job Ticket: 61653 **DST#: 3**
 Test Start: 2015.08.28 @ 07:44:00

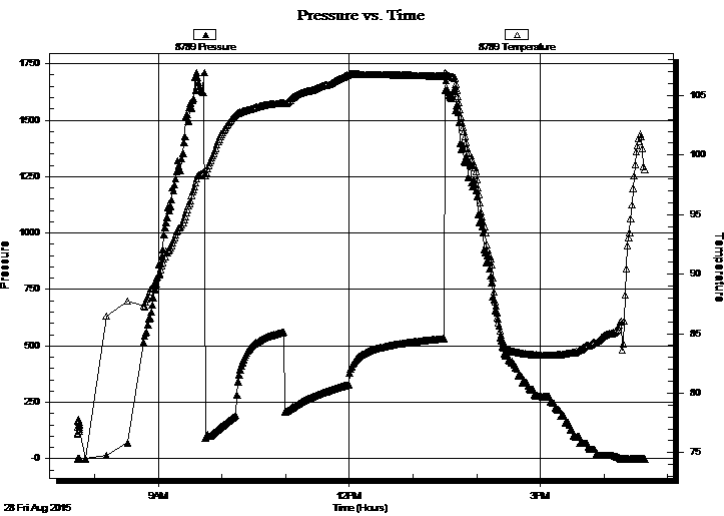
GENERAL INFORMATION:

Formation:	LKC " D - F "		
Deviated:	No Whipstock:	ft (KB)	Test Type: Conventional Bottom Hole (Reset)
Time Tool Opened:	09:44:00		Tester: Jim Svaty
Time Test Ended:	16:38:00		Unit No: 76
Interval:	3387.00 ft (KB) To 3432.00 ft (KB) (TVD)	Reference Elevations:	2084.00 ft (KB)
Total Depth:	3432.00 ft (KB) (TVD)		2076.00 ft (CF)
Hole Diameter:	7.88 inches	Hole Condition:	Fair
		KB to GR/CF:	8.00 ft

Serial #: 8789 Inside

Press@RunDepth:	psig @	3397.00 ft (KB)	Capacity:	8000.00 psig
Start Date:	2015.08.28	End Date:	2015.08.28	Last Calib.: 2015.08.28
Start Time:	07:44:02	End Time:	16:38:15	Time On Btm:
				Time Off Btm:

TEST COMMENT: 30-IF- BOB in 2 min.
 45-ISI- BOB in 6 min.
 60-FF- BOB in 2 min.
 90-FSI- BOB in 11 min.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

Recovery

Length (ft)	Description	Volume (bbl)
420.00	Gassy MCO 10%m 25%g 65%o	4.61
496.00	Gassy CO 40%g 60%o	6.96
0.00	1922 GIP	0.00

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Daystar Petroleum Inc
PO Box 560
Eureka KS 67045-0560
ATTN: Brad Rine

Jensen-King Unit #1-36
36-12s-18w Ellis,KS
Job Ticket: 61653 **DST#: 3**
Test Start: 2015.08.28 @ 07:44:00

Tool Information

Drill Pipe:	Length: 3250.00 ft	Diameter: 3.80 inches	Volume: 45.59 bbl	Tool Weight:	2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.75 inches	Volume: 0.00 bbl	Weight set on Packer:	25000.00 lb
Drill Collar:	Length: 141.00 ft	Diameter: 2.25 inches	Volume: 0.69 bbl	Weight to Pull Loose:	55000.00 lb
			<u>Total Volume: 46.28 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	32.00 ft			String Weight: Initial	48000.00 lb
Depth to Top Packer:	3387.00 ft			Final	52000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	45.00 ft				
Tool Length:	73.00 ft				
Number of Packers:	2	Diameter:	6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3360.00	
Shut In Tool	5.00			3365.00	
Hydraulic tool	5.00			3370.00	
Jars	5.00			3375.00	
Safety Joint	2.00			3377.00	
Packer	5.00			3382.00	28.00 Bottom Of Top Packer
Packer	5.00			3387.00	
Stubb	1.00			3388.00	
Perforations	8.00			3396.00	
Change Over Sub	1.00			3397.00	
Recorder	0.00	8789	Inside	3397.00	
Recorder	0.00	8289	Outside	3397.00	
Blank Spacing	31.00			3428.00	
Change Over Sub	1.00			3429.00	
Bullnose	3.00			3432.00	45.00 Bottom Packers & Anchor

Total Tool Length: 73.00



**TRILOBITE
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DRILL STEM TEST REPORT

FLUID SUMMARY

Daystar Petroleum Inc
PO Box 560
Eureka KS 67045-0560
ATTN: Brad Rine

Jensen-King Unit #1-36
36-12s-18w Ellis,KS
Job Ticket: 61653 **DST#: 3**
Test Start: 2015.08.28 @ 07:44:00

Mud and Cushion Information

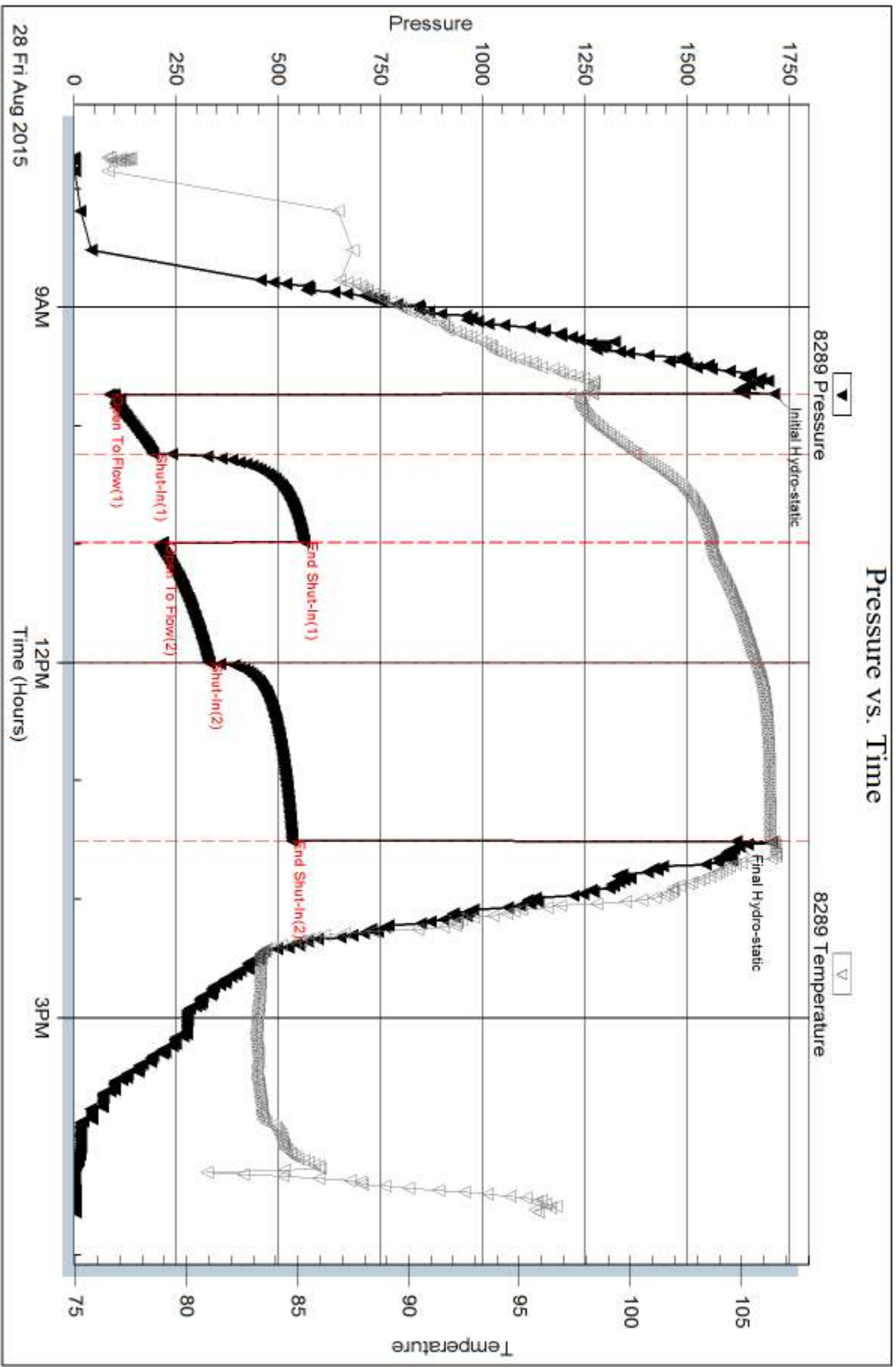
Mud Type: Gel Chem	Cushion Type:	Oil API: 27 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity: ppm
Viscosity: 51.00 sec/qt	Cushion Volume: bbl	
Water Loss: 7.90 in ³	Gas Cushion Type:	
Resistivity: ohm.m	Gas Cushion Pressure: psig	
Salinity: 3600.00 ppm		
Filter Cake: 2.00 inches		

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
420.00	Gassy MCO 10%m 25%g 65%o	4.607
496.00	Gassy CO 40%g 60%o	6.958
0.00	1922 GIP	0.000

Total Length: 916.00 ft Total Volume: 11.565 bbl
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:



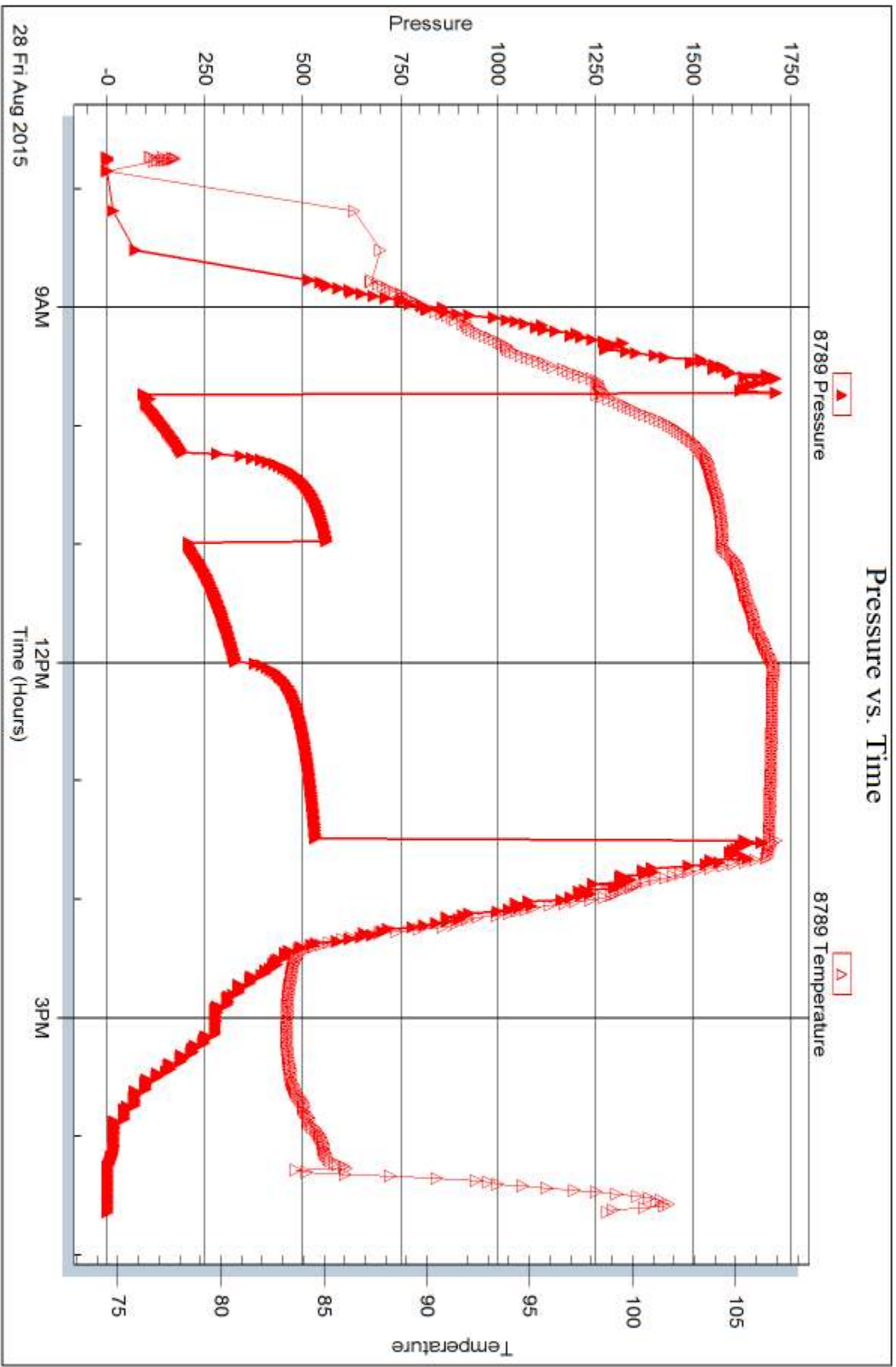
Serial #: 8789

Inside

Daystar Petroleum Inc

36-12s-18w Ellis, KS

DST Test Number: 3



Trilobite Testing, Inc

Ref. No: 61653

Printed: 2015.09.04 @ 08:55:33



DRILL STEM TEST REPORT

Prepared For: **Daystar Petroleum Inc**

PO Box 560
Eureka KS 67045-0560

ATTN: Brad Rine

36-12s-18w Ellis,KS

Jensen-King Unit #1-36

Start Date: 2015.08.28 @ 23:54:00

End Date: 2015.08.29 @ 05:44:00

Job Ticket #: 61654 DST #: 4

Trilobite Testing, Inc
1515 Commerce Parkway Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2015.09.04 @ 08:55:05



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Daystar Petroleum Inc
 PO Box 560
 Eureka KS 67045-0560
 ATTN: Brad Rine

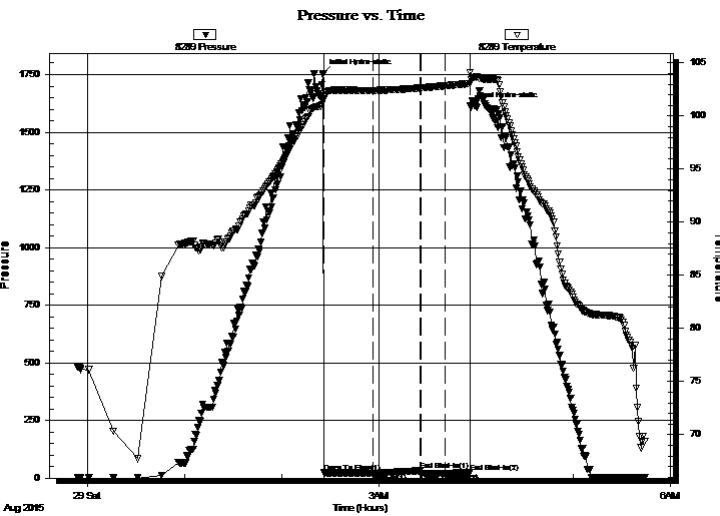
Jensen-King Unit #1-36
36-12s-18w Ellis,KS
 Job Ticket: 61654 **DST#: 4**
 Test Start: 2015.08.28 @ 23:54:00

GENERAL INFORMATION:

Formation: **LKC " G "**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 02:26:00
 Time Test Ended: 05:44:00
 Interval: **3437.00 ft (KB) To 3450.00 ft (KB) (TVD)**
 Total Depth: 3450.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Jim Svaty
 Unit No: 76
 Reference Elevations: 2084.00 ft (KB)
 2076.00 ft (CF)
 KB to GR/CF: 8.00 ft

Serial #: 8289 Outside
 Press@RunDepth: 21.44 psig @ 3447.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2015.08.28 End Date: 2015.08.29 Last Calib.: 2015.08.29
 Start Time: 23:54:02 End Time: 05:44:30 Time On Btm: 2015.08.29 @ 02:25:45
 Time Off Btm: 2015.08.29 @ 03:56:30

TEST COMMENT: 30-IF- 1/2" Blow Died in 20 min.
 30-ISI- No Blow
 15-FF- No Blow
 15-FSI- No Blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1754.59	101.82	Initial Hydro-static
1	24.16	101.53	Open To Flow (1)
31	21.31	102.41	Shut-In(1)
60	32.22	102.65	End Shut-In(1)
61	21.25	102.64	Open To Flow (2)
76	21.44	102.84	Shut-In(2)
91	24.74	103.05	End Shut-In(2)
91	1613.08	104.10	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	OCM 5%o 95%m	0.02

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Daystar Petroleum Inc
PO Box 560
Eureka KS 67045-0560

ATTN: Brad Rine

Jensen-King Unit #1-36
36-12s-18w Ellis,KS
Job Ticket: 61654 **DST#: 4**
Test Start: 2015.08.28 @ 23:54:00

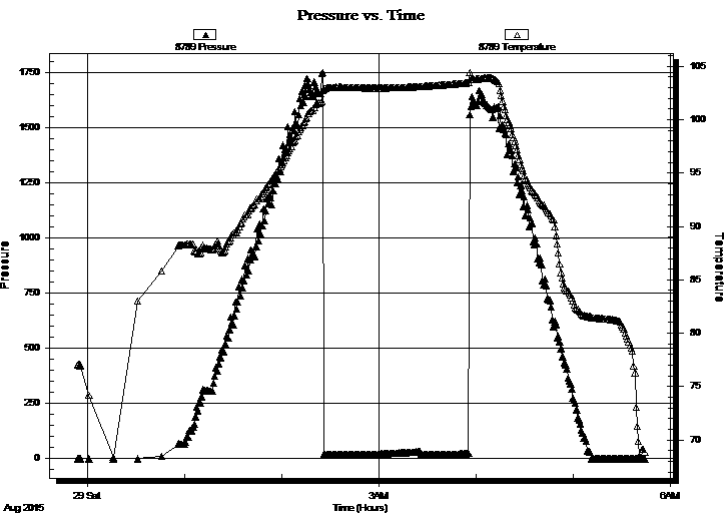
GENERAL INFORMATION:

Formation: **LKC " G "**
Deviated: No Whipstock: ft (KB) Test Type: Conventional Bottom Hole (Reset)
Time Tool Opened: 02:26:00 Tester: Jim Svaty
Time Test Ended: 05:44:00 Unit No: 76

Interval: **3437.00 ft (KB) To 3450.00 ft (KB) (TVD)** Reference Elevations: 2084.00 ft (KB)
Total Depth: 3450.00 ft (KB) (TVD) 2076.00 ft (CF)
Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 8.00 ft

Serial #: 8789 Inside
Press@RunDepth: psig @ 3447.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2015.08.28 End Date: 2015.08.29 Last Calib.: 2015.08.29
Start Time: 23:54:02 End Time: 05:44:15 Time On Btm:
Time Off Btm:

TEST COMMENT: 30-IF- 1/2" Blow Died in 20 min.
30-ISI- No Blow
15-FF- No Blow
15-FSI- No Blow



PRESSURE SUMMARY			
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

Recovery		
Length (ft)	Description	Volume (bbl)
5.00	OCM 5%o 95%m	0.02

* Recovery from multiple tests

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Daystar Petroleum Inc
PO Box 560
Eureka KS 67045-0560
ATTN: Brad Rine

Jensen-King Unit #1-36
36-12s-18w Ellis,KS
Job Ticket: 61654 **DST#: 4**
Test Start: 2015.08.28 @ 23:54:00

Tool Information

Drill Pipe:	Length: 3280.00 ft	Diameter: 3.80 inches	Volume: 46.01 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.75 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 141.00 ft	Diameter: 2.25 inches	Volume: 0.69 bbl	Weight to Pull Loose: 53000.00 lb
			<u>Total Volume: 46.70 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	12.00 ft			String Weight: Initial 48000.00 lb
Depth to Top Packer:	3437.00 ft			Final 48000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	13.00 ft			
Tool Length:	41.00 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			3410.00	
Shut In Tool	5.00			3415.00	
Hydraulic tool	5.00			3420.00	
Jars	5.00			3425.00	
Safety Joint	2.00			3427.00	
Packer	5.00			3432.00	28.00 Bottom Of Top Packer
Packer	5.00			3437.00	
Stubb	1.00			3438.00	
Perforations	9.00			3447.00	
Recorder	0.00	8789	Inside	3447.00	
Recorder	0.00	8289	Outside	3447.00	
Bullnose	3.00			3450.00	13.00 Bottom Packers & Anchor

Total Tool Length: 41.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Daystar Petroleum Inc
PO Box 560
Eureka KS 67045-0560
ATTN: Brad Rine

Jensen-King Unit #1-36
36-12s-18w Ellis,KS
Job Ticket: 61654 **DST#: 4**
Test Start: 2015.08.28 @ 23:54:00

Mud and Cushion Information

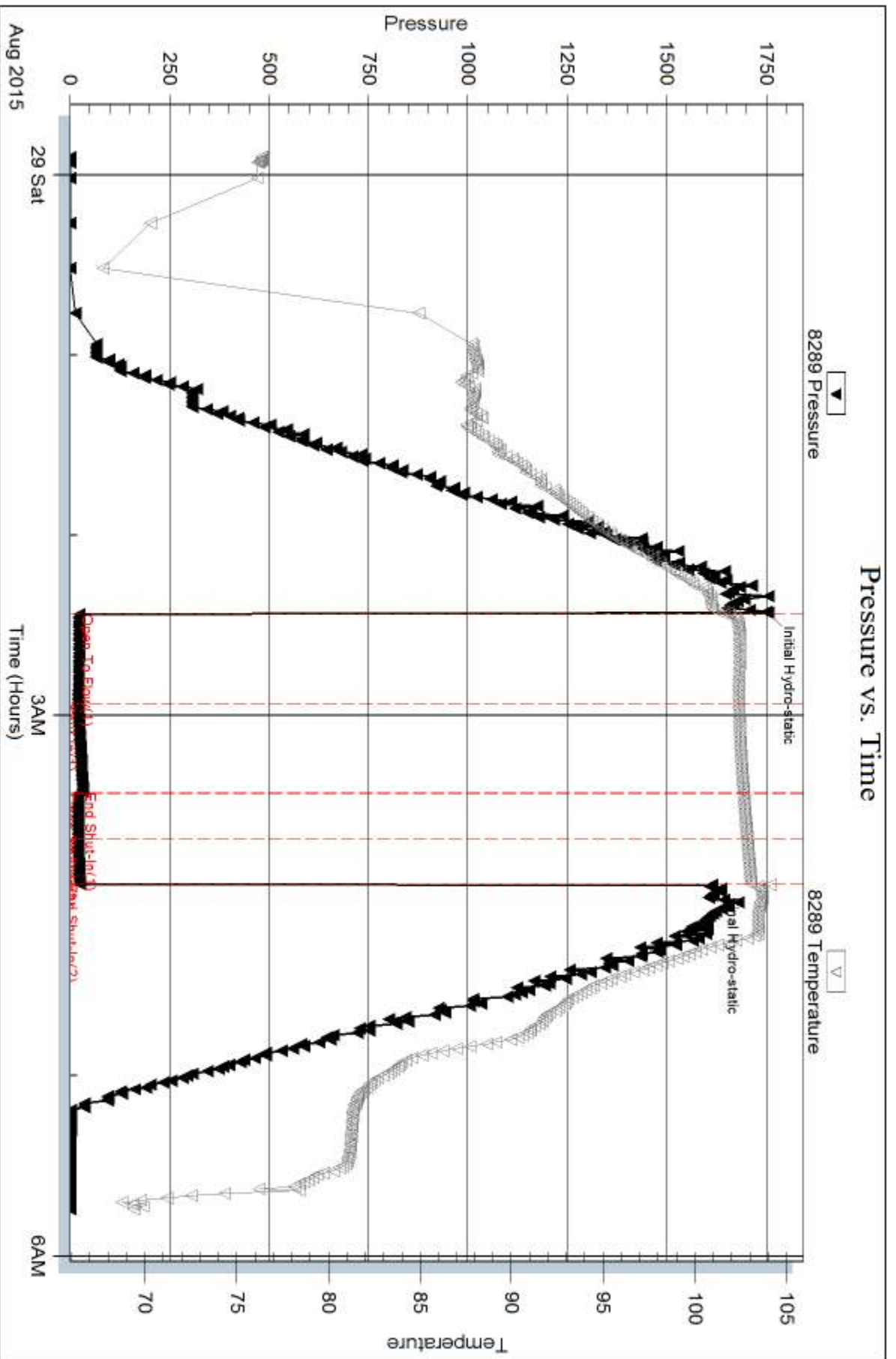
Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 51.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.91 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 3600.00 ppm			
Filter Cake: 2.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	OCM 5%o 95%m	0.025

Total Length: 5.00 ft Total Volume: 0.025 bbl
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:



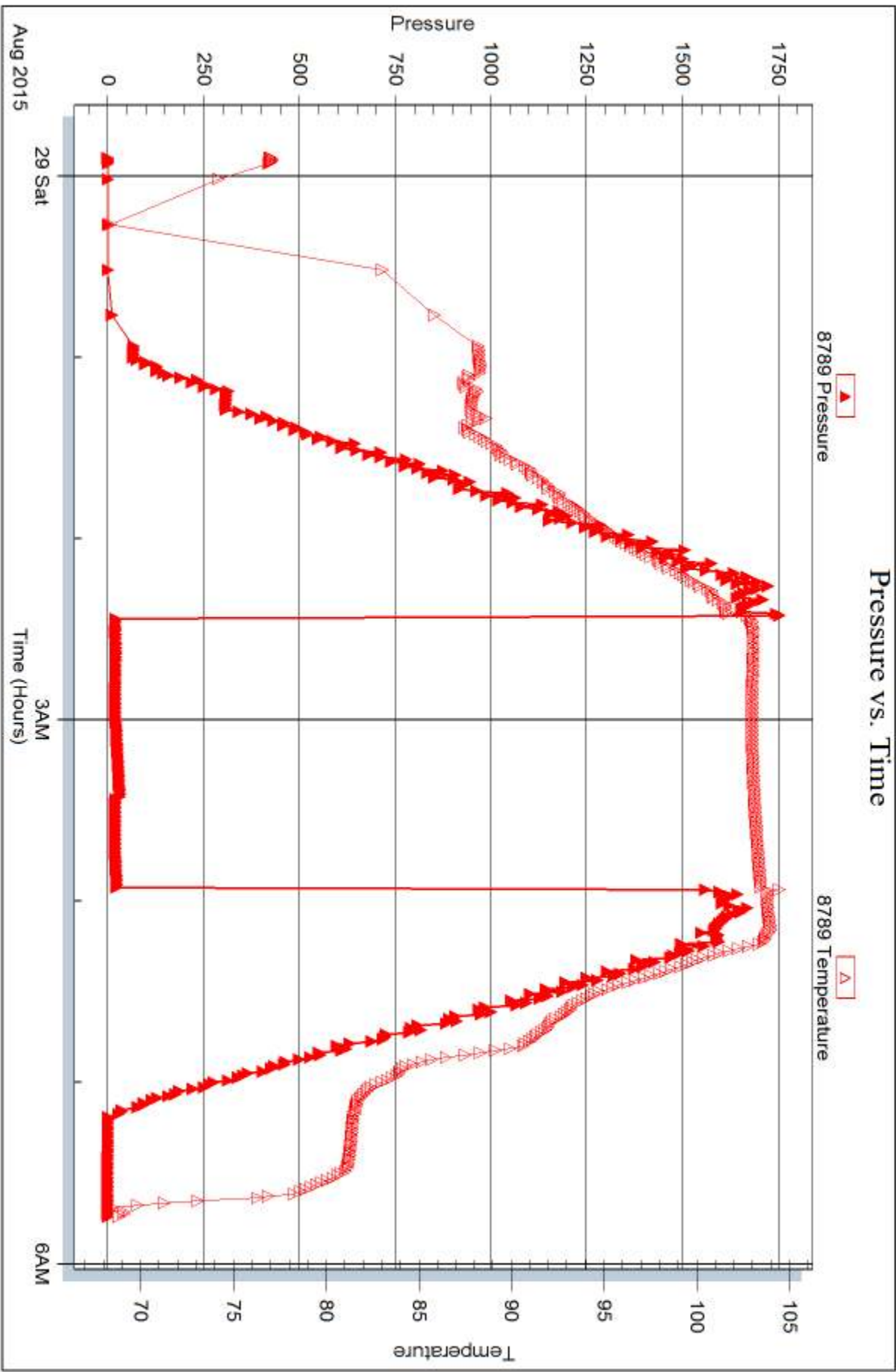
Serial #: 8789

Inside

Daystar Petroleum Inc

36-12s-18w Ellis, KS

DST Test Number: 4



Trilobite Testing, Inc

Ref. No: 61654

Printed: 2015.09.04 @ 08:55:07



DRILL STEM TEST REPORT

Prepared For: **Daystar Petroleum Inc**

PO Box 560
Eureka KS 67045-0560

ATTN: Brad Rine

36-12s-18w Ellis,KS

Jensen-King Unit #1-36

Start Date: 2015.08.29 @ 18:33:00

End Date: 2015.08.30 @ 00:22:00

Job Ticket #: 61655 DST #: 5

Trilobite Testing, Inc
1515 Commerce Parkway Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2015.09.04 @ 08:54:35

Daystar Petroleum Inc

Jensen-King Unit #1-36

36-12s-18w Ellis,KS

DST # 5

LKC " J "

2015.08.29



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Daystar Petroleum Inc
 PO Box 560
 Eureka KS 67045-0560
 ATTN: Brad Rine

Jensen-King Unit #1-36
36-12s-18w Ellis,KS
 Job Ticket: 61655 **DST#: 5**
 Test Start: 2015.08.29 @ 18:33:00

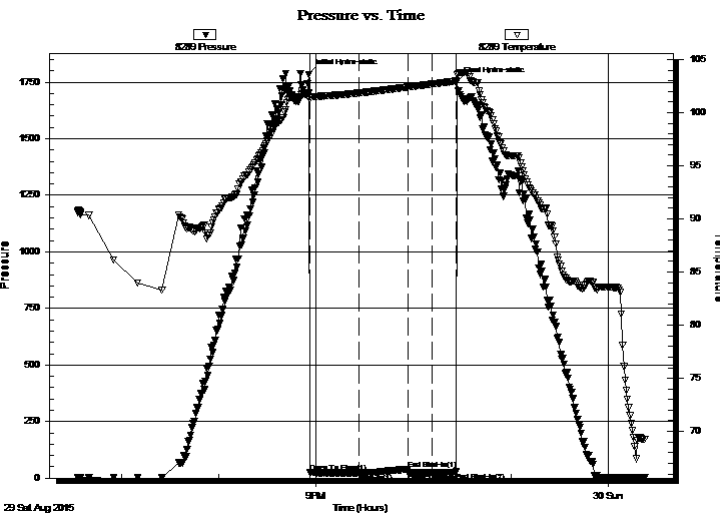
GENERAL INFORMATION:

Formation: **LKC " J "**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 20:56:00
 Time Test Ended: 00:22:00
 Interval: **3507.00 ft (KB) To 3535.00 ft (KB) (TVD)**
 Total Depth: 3535.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Jim Svaty
 Unit No: 76
 Reference Elevations: 2084.00 ft (KB)
 2076.00 ft (CF)
 KB to GR/CF: 8.00 ft

Serial #: 8289 Outside

Press@RunDepth: 23.37 psig @ 3513.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2015.08.29 End Date: 2015.08.30 Last Calib.: 2015.08.30
 Start Time: 18:33:02 End Time: 00:22:30 Time On Btm: 2015.08.29 @ 20:55:45
 Time Off Btm: 2015.08.29 @ 22:27:00

TEST COMMENT: 30-IF- Weak Surface Blow Died in 6 min.
 30-ISI- No Blow
 15-FF- No Blow
 15-FSI- No Blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1786.14	101.88	Initial Hydro-static
1	25.74	101.21	Open To Flow (1)
31	22.45	101.85	Shut-In(1)
61	40.32	102.41	End Shut-In(1)
61	23.44	102.41	Open To Flow (2)
76	23.37	102.70	Shut-In(2)
91	26.36	102.98	End Shut-In(2)
92	1753.78	103.59	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
2.00	Oil Speck Mud 100%	0.01

* Recovery from multiple tests

Gas Rates

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



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Daystar Petroleum Inc
 PO Box 560
 Eureka KS 67045-0560
 ATTN: Brad Rine

Jensen-King Unit #1-36
36-12s-18w Ellis,KS
 Job Ticket: 61655 **DST#: 5**
 Test Start: 2015.08.29 @ 18:33:00

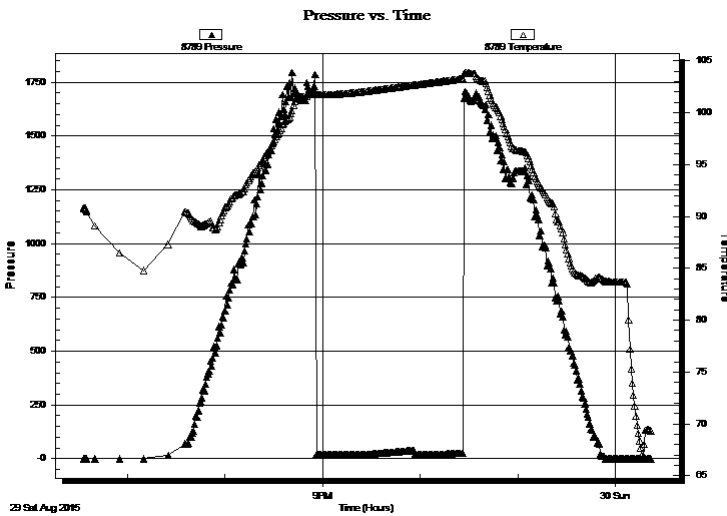
GENERAL INFORMATION:

Formation: **LKC " J "**
 Deviated: No Whipstock: ft (KB) Test Type: Conventional Bottom Hole (Reset)
 Time Tool Opened: 20:56:00 Tester: Jim Svaty
 Time Test Ended: 00:22:00 Unit No: 76
Interval: 3507.00 ft (KB) To 3535.00 ft (KB) (TVD) Reference Elevations: 2084.00 ft (KB)
 Total Depth: 3535.00 ft (KB) (TVD) 2076.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 8.00 ft

Serial #: 8789 Inside

Press@RunDepth: psig @ 3513.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2015.08.29 End Date: 2015.08.30 Last Calib.: 2015.08.30
 Start Time: 18:33:02 End Time: 00:22:15 Time On Btm:
 Time Off Btm:

TEST COMMENT: 30-IF- Weak Surface Blow Died in 6 min.
 30-ISI- No Blow
 15-FF- No Blow
 15-FSI- No Blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

Recovery

Length (ft)	Description	Volume (bbl)
2.00	Oil Speck Mud 100%	0.01

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Daystar Petroleum Inc
PO Box 560
Eureka KS 67045-0560
ATTN: Brad Rine

Jensen-King Unit #1-36
36-12s-18w Ellis,KS
Job Ticket: 61655 **DST#: 5**
Test Start: 2015.08.29 @ 18:33:00

Tool Information

Drill Pipe:	Length: 3346.00 ft	Diameter: 3.80 inches	Volume: 46.94 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.75 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 141.00 ft	Diameter: 2.25 inches	Volume: 0.69 bbl	Weight to Pull Loose: 50000.00 lb
			<u>Total Volume: 47.63 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	8.00 ft			String Weight: Initial 48000.00 lb
Depth to Top Packer:	3507.00 ft			Final 48000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	28.00 ft			
Tool Length:	56.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3480.00	
Shut In Tool	5.00			3485.00	
Hydraulic tool	5.00			3490.00	
Jars	5.00			3495.00	
Safety Joint	2.00			3497.00	
Packer	5.00			3502.00	28.00 Bottom Of Top Packer
Packer	5.00			3507.00	
Stubb	1.00			3508.00	
Perforations	5.00			3513.00	
Recorder	0.00	8789	Inside	3513.00	
Recorder	0.00	8289	Outside	3513.00	
Perforations	19.00			3532.00	
Bullnose	3.00			3535.00	28.00 Bottom Packers & Anchor

Total Tool Length: 56.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Daystar Petroleum Inc
PO Box 560
Eureka KS 67045-0560
ATTN: Brad Rine

Jensen-King Unit #1-36
36-12s-18w Ellis,KS
Job Ticket: 61655 **DST#: 5**
Test Start: 2015.08.29 @ 18:33:00

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: 51.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.92 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 3600.00 ppm			
Filter Cake: 2.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
2.00	Oil Speck Mud 100%	0.010

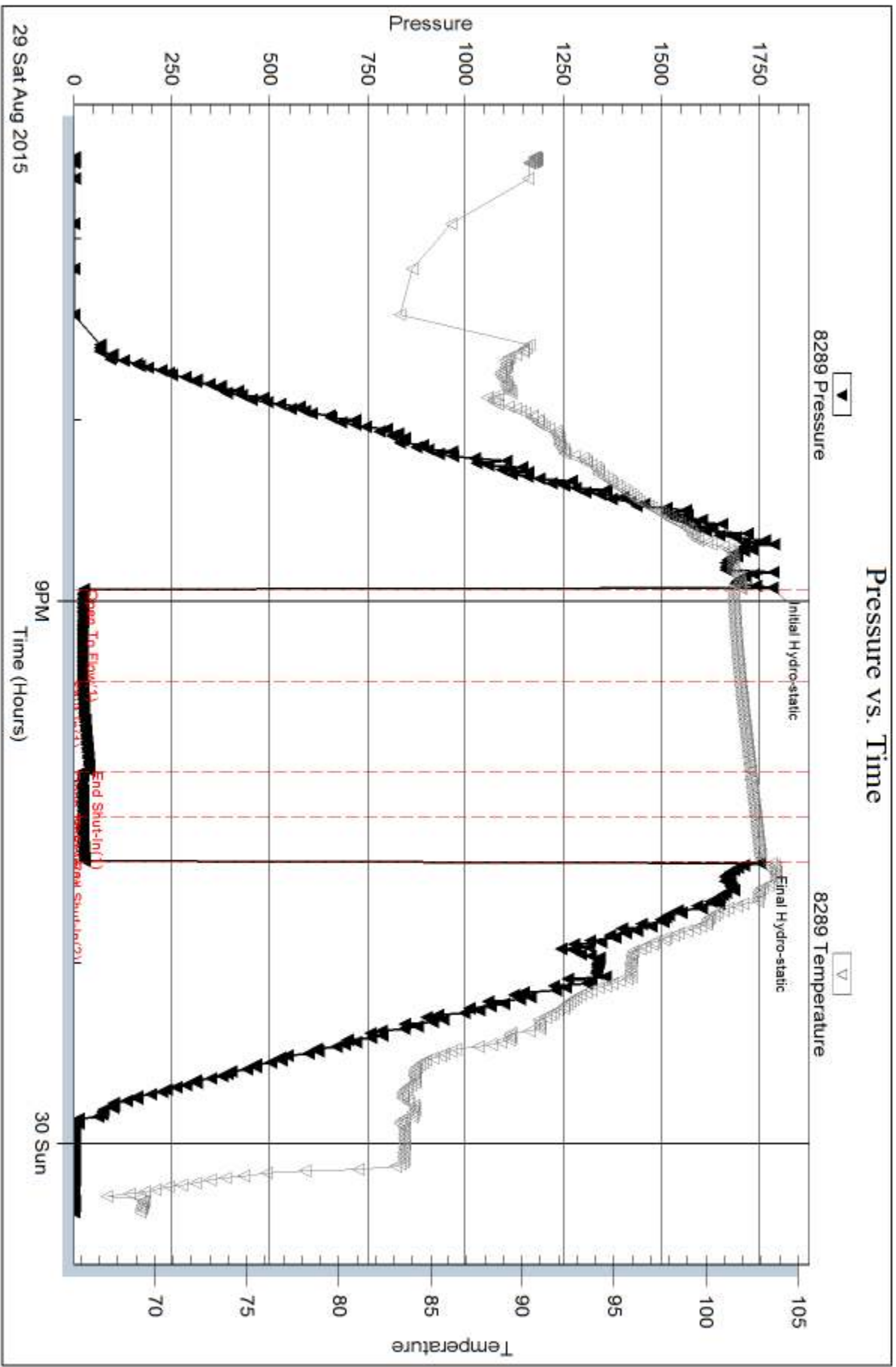
Total Length: 2.00 ft Total Volume: 0.010 bbl
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:

Serial #: 8289

Outside Daystar Petroleum Inc

36-12s-18w Ellis, KS

DST Test Number: 5



Trilobite Testing, Inc

Ref. No: 616555

Printed: 2015.09.04 @ 08:54:37

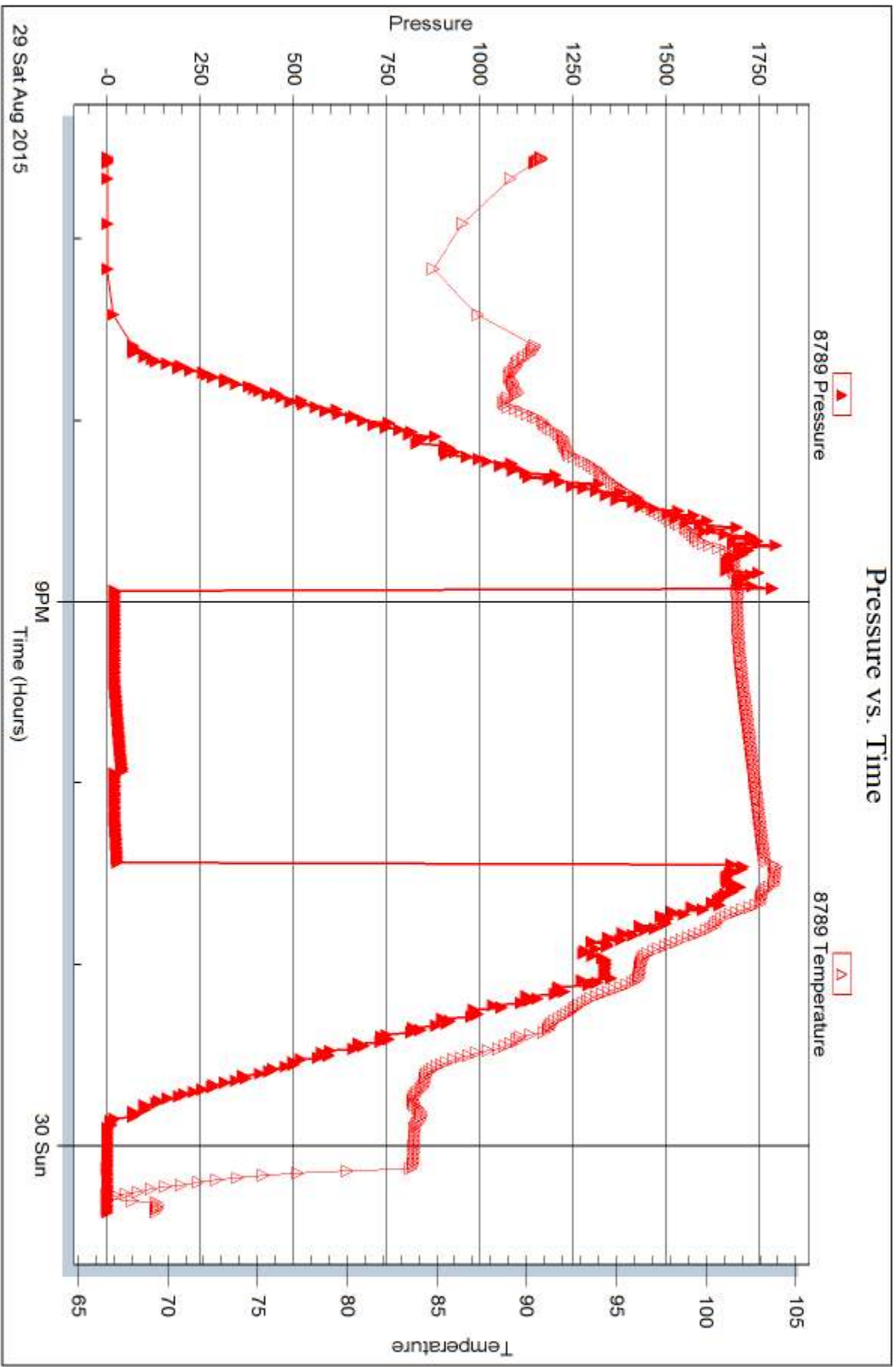
Serial #: 8789

Inside

Daystar Petroleum Inc

36-12s-18w Ellis, KS

DST Test Number: 5



Trilobite Testing, Inc

Ref. No: 61655

Printed: 2015.09.04 @ 08:54:37



DRILL STEM TEST REPORT

Prepared For: **Daystar Petroleum Inc**

PO Box 560
Eureka KS 67045-0560

ATTN: Brad Rine

36-12s-18w Ellis,KS

Jensen-King Unit #1-36

Start Date: 2015.08.30 @ 20:55:00

End Date: 2015.08.31 @ 02:53:00

Job Ticket #: 61656 DST #: 6

Trilobite Testing, Inc
1515 Commerce Parkway Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2015.09.04 @ 08:53:52



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Daystar Petroleum Inc
PO Box 560
Eureka KS 67045-0560
ATTN: Brad Rine

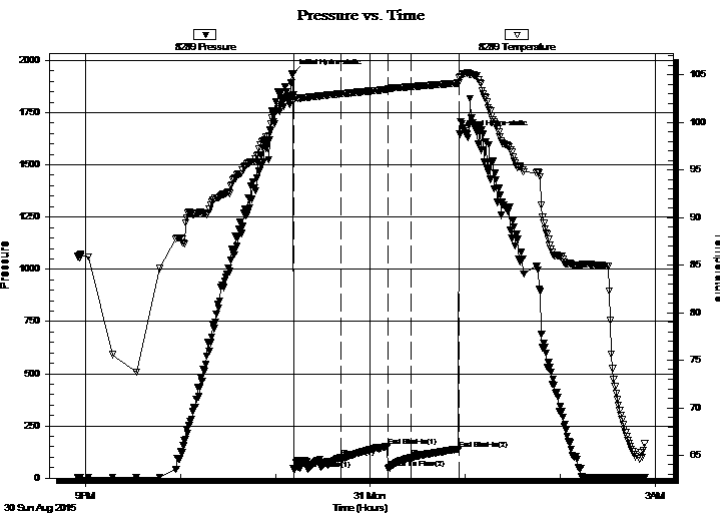
Jensen-King Unit #1-36
36-12s-18w Ellis,KS
Job Ticket: 61656 **DST#: 6**
Test Start: 2015.08.30 @ 20:55:00

GENERAL INFORMATION:

Formation: **Conglomerate & Arbuc**
Deviated: No Whipstock: ft (KB) Test Type: Conventional Bottom Hole (Reset)
Time Tool Opened: 23:11:30 Tester: Jim Svaty
Time Test Ended: 02:53:00 Unit No: 76
Interval: **3569.00 ft (KB) To 3633.00 ft (KB) (TVD)** Reference Elevations: 2084.00 ft (KB)
Total Depth: 3633.00 ft (KB) (TVD) 2076.00 ft (CF)
Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 8.00 ft

Serial #: 8289 Outside
Press@RunDepth: 98.27 psig @ 3576.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2015.08.30 End Date: 2015.08.31 Last Calib.: 2015.08.31
Start Time: 20:55:02 End Time: 02:53:30 Time On Btm: 2015.08.30 @ 23:11:15
Time Off Btm: 2015.08.31 @ 00:56:30

TEST COMMENT: 30-IF- Surface Blow Building to 1 1/4" In 3 min. Died Back in 14 min.
30-ISI- No Blow
15-FF- No Blow
30-FSI- No Blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1935.43	102.92	Initial Hydro-static
1	44.42	102.39	Open To Flow (1)
31	99.16	103.01	Shut-In(1)
60	153.40	103.46	End Shut-In(1)
60	44.70	103.42	Open To Flow (2)
75	98.27	103.76	Shut-In(2)
105	139.85	104.14	End Shut-In(2)
106	1646.21	104.72	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	Mud 100%	0.05

* Recovery from multiple tests

Gas Rates

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



DRILL STEM TEST REPORT

Daystar Petroleum Inc
PO Box 560
Eureka KS 67045-0560

ATTN: Brad Rine

Jensen-King Unit #1-36
36-12s-18w Ellis,KS
Job Ticket: 61656 **DST#: 6**
Test Start: 2015.08.30 @ 20:55:00

GENERAL INFORMATION:

Formation: **Conglomerate & Arbuc**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 23:11:30

Time Test Ended: 02:53:00

Interval: 3569.00 ft (KB) To 3633.00 ft (KB) (TVD)

Total Depth: 3633.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Test Type: Conventional Bottom Hole (Reset)

Tester: Jim Svaty

Unit No: 76

Reference Elevations: 2084.00 ft (KB)

2076.00 ft (CF)

KB to GR/CF: 8.00 ft

Serial #: 8789 Inside

Press@RunDepth: psig @ 3576.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2015.08.30 End Date: 2015.08.31

Last Calib.: 2015.08.31

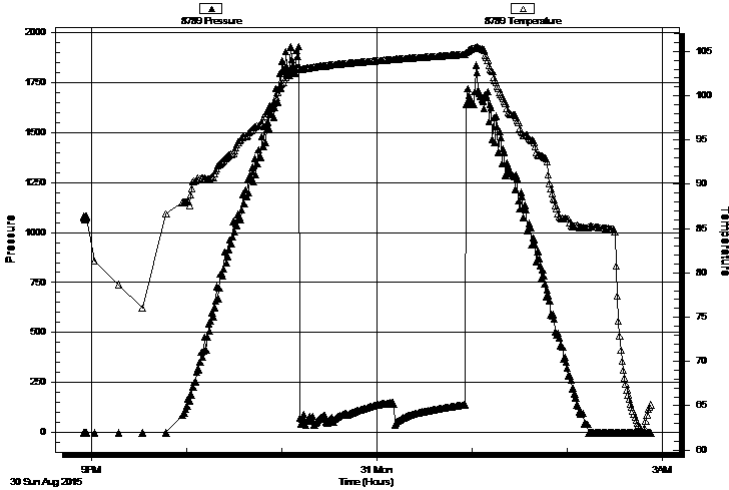
Start Time: 20:55:02 End Time: 02:52:45

Time On Btm:

Time Off Btm:

TEST COMMENT: 30-IF- Surface Blow Building to 1 1/4" In 3 min. Died Back in 14 min.
30-ISI- No Blow
15-FF- No Blow
30-FSI- No Blow

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

Recovery

Length (ft)	Description	Volume (bbl)
10.00	Mud 100%	0.05

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Daystar Petroleum Inc
PO Box 560
Eureka KS 67045-0560
ATTN: Brad Rine

Jensen-King Unit #1-36
36-12s-18w Ellis,KS
Job Ticket: 61656 **DST#: 6**
Test Start: 2015.08.30 @ 20:55:00

Tool Information

Drill Pipe:	Length: 3409.00 ft	Diameter: 3.80 inches	Volume: 47.82 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.75 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 141.00 ft	Diameter: 2.25 inches	Volume: 0.69 bbl	Weight to Pull Loose: 50000.00 lb
			<u>Total Volume: 48.51 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	9.00 ft			String Weight: Initial 48000.00 lb
Depth to Top Packer:	3569.00 ft			Final 48000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	64.00 ft			
Tool Length:	92.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3542.00	
Shut In Tool	5.00			3547.00	
Hydraulic tool	5.00			3552.00	
Jars	5.00			3557.00	
Safety Joint	2.00			3559.00	
Packer	5.00			3564.00	28.00 Bottom Of Top Packer
Packer	5.00			3569.00	
Stubb	1.00			3570.00	
Perforations	5.00			3575.00	
Change Over Sub	1.00			3576.00	
Recorder	0.00	8789	Inside	3576.00	
Recorder	0.00	8289	Outside	3576.00	
Blank Spacing	31.00			3607.00	
Change Over Sub	1.00			3608.00	
Perforations	22.00			3630.00	
Bullnose	3.00			3633.00	64.00 Bottom Packers & Anchor
Total Tool Length:	92.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Daystar Petroleum Inc
PO Box 560
Eureka KS 67045-0560
ATTN: Brad Rine

Jensen-King Unit #1-36
36-12s-18w Ellis,KS
Job Ticket: 61656 **DST#: 6**
Test Start: 2015.08.30 @ 20:55:00

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: 8.72 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 8800.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	Mud 100%	0.049

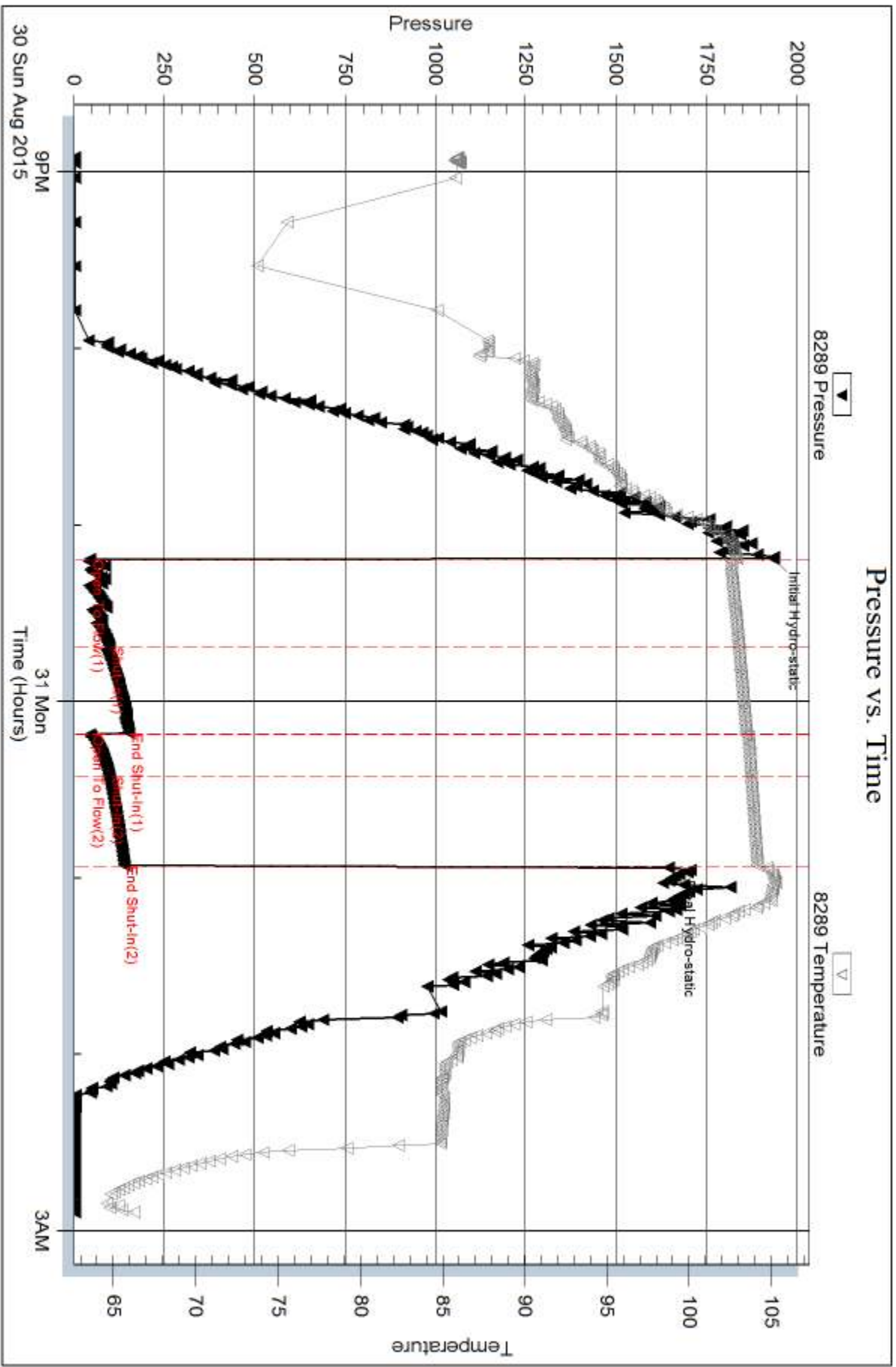
Total Length: 10.00 ft Total Volume: 0.049 bbl
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:

Serial #: 8289

Outside Daystar Petroleum Inc

36-12s-18w Ellis, KS

DST Test Number: 6



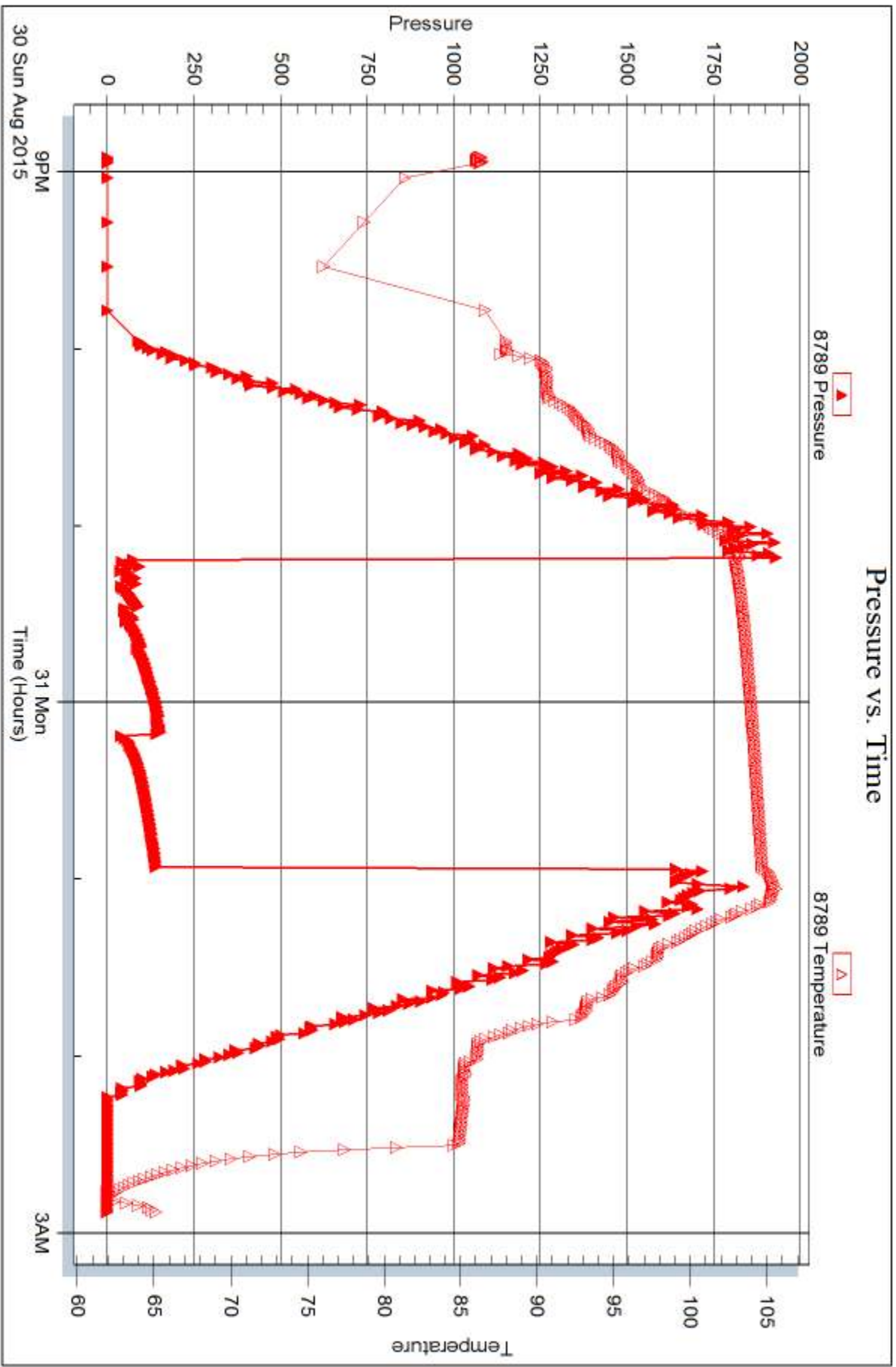
Serial #: 8789

Inside

Daystar Petroleum Inc

36-12s-18w Ellis, KS

DST Test Number: 6



Trilobite Testing, Inc

Ref. No: 61656

Printed: 2015.09.04 @ 08:53:54



DRILL STEM TEST REPORT

Prepared For: **Daystar Petroleum Inc**

PO Box 560
Eureka KS 67045-0560

ATTN: Brad Rine

36-12s-18w Ellis,KS

Jensen-King Unit #1-36

Start Date: 2015.08.31 @ 12:13:00

End Date: 2015.08.31 @ 19:22:00

Job Ticket #: 61657 DST #: 7

Trilobite Testing, Inc
1515 Commerce Parkway Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2015.09.04 @ 08:49:56

Daystar Petroleum Inc

Jensen-King Unit #1-36

36-12s-18w Ellis,KS

DST # 7

Arbuckle

2015.08.31



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Daystar Petroleum Inc
 PO Box 560
 Eureka KS 67045-0560
 ATTN: Brad Rine

Jensen-King Unit #1-36
36-12s-18w Ellis,KS
 Job Ticket: 61657 **DST#: 7**
 Test Start: 2015.08.31 @ 12:13:00

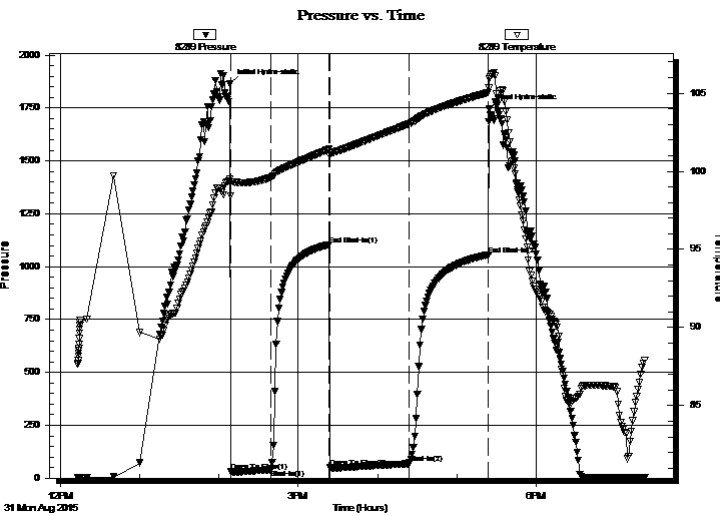
GENERAL INFORMATION:

Formation: **Arbuckle**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 14:08:45
 Time Test Ended: 19:22:00
 Interval: **3635.00 ft (KB) To 3647.00 ft (KB) (TVD)**
 Total Depth: 3647.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Jim Svaty
 Unit No: 76
 Reference Elevations: 2084.00 ft (KB)
 2076.00 ft (CF)
 KB to GR/CF: 8.00 ft

Serial #: 8289 Outside

Press@RunDepth: 69.10 psig @ 3641.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2015.08.31 End Date: 2015.08.31 Last Calib.: 2015.08.31
 Start Time: 12:13:02 End Time: 19:22:15 Time On Btm: 2015.08.31 @ 14:08:30
 Time Off Btm: 2015.08.31 @ 17:24:45

TEST COMMENT: 30-IF- Surface Blow Building to 2"
 45-ISI- No Blow
 60-FF- Surface Blow in 7 min. Building to 2 1/2"
 60-FSI- No Blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1864.75	99.48	Initial Hydro-static
1	30.16	98.42	Open To Flow (1)
31	39.54	99.59	Shut-In(1)
75	1104.11	101.41	End Shut-In(1)
76	50.59	101.00	Open To Flow (2)
136	69.10	103.03	Shut-In(2)
196	1057.01	105.03	End Shut-In(2)
197	1746.96	105.92	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
56.00	OWCM 2%w 18%o 80%m	0.28
61.00	CO 100%	0.30

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Daystar Petroleum Inc
 PO Box 560
 Eureka KS 67045-0560
 ATTN: Brad Rine

Jensen-King Unit #1-36

36-12s-18w Ellis,KS

Job Ticket: 61657

DST#: 7

Test Start: 2015.08.31 @ 12:13:00

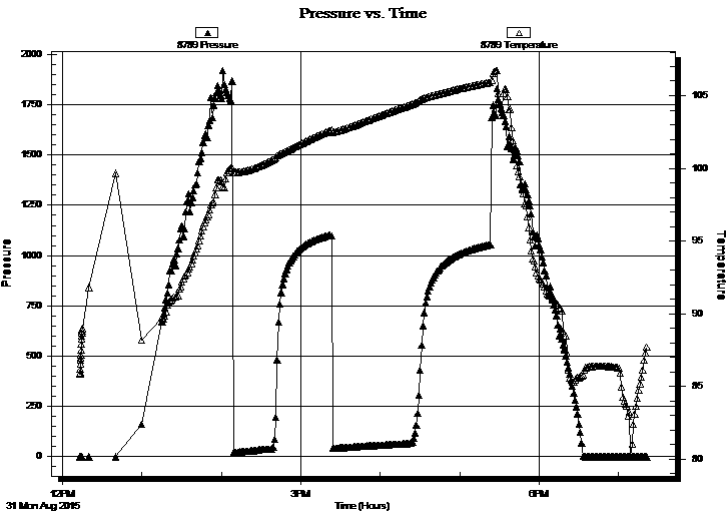
GENERAL INFORMATION:

Formation: Arbuckle		Test Type: Conventional Bottom Hole (Reset)
Deviated: No Whipstock: ft (KB)		Tester: Jim Svaty
Time Tool Opened: 14:08:45		Unit No: 76
Time Test Ended: 19:22:00		
Interval: 3635.00 ft (KB) To 3647.00 ft (KB) (TVD)		Reference Elevations: 2084.00 ft (KB)
Total Depth: 3647.00 ft (KB) (TVD)		2076.00 ft (CF)
Hole Diameter: 7.88 inches Hole Condition: Fair		KB to GR/CF: 8.00 ft

Serial #: 8789 Inside

Press@RunDepth: psig @ 3641.00 ft (KB)	Capacity: 8000.00 psig
Start Date: 2015.08.31 End Date: 2015.08.31	Last Calib.: 2015.08.31
Start Time: 12:13:02 End Time: 19:22:00	Time On Btm:
	Time Off Btm:

TEST COMMENT: 30-IF- Surface Blow Building to 2"
 45-ISI- No Blow
 60-FF- Surface Blow in 7 min. Building to 2 1/2"
 60-FSI- No Blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

Recovery

Length (ft)	Description	Volume (bbl)
56.00	OWCM 2%w 18%o 80%m	0.28
61.00	CO 100%	0.30

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Daystar Petroleum Inc

Jensen-King Unit #1-36

PO Box 560
Eureka KS 67045-0560

36-12s-18w Ellis,KS

Job Ticket: 61657

DST#: 7

ATTN: Brad Rine

Test Start: 2015.08.31 @ 12:13:00

Tool Information

Drill Pipe:	Length: 3469.00 ft	Diameter: 3.80 inches	Volume: 48.66 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.75 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 141.00 ft	Diameter: 2.25 inches	Volume: 0.69 bbl	Weight to Pull Loose: 52000.00 lb
			<u>Total Volume: 49.35 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	3.00 ft			String Weight: Initial 48000.00 lb
Depth to Top Packer:	3635.00 ft			Final 48000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	12.00 ft			
Tool Length:	40.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Length (ft) Serial No. Position Depth (ft) Accum. Lengths

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3608.00	
Shut In Tool	5.00			3613.00	
Hydraulic tool	5.00			3618.00	
Jars	5.00			3623.00	
Safety Joint	2.00			3625.00	
Packer	5.00			3630.00	28.00 Bottom Of Top Packer
Packer	5.00			3635.00	
Stubb	1.00			3636.00	
Perforations	5.00			3641.00	
Recorder	0.00	8789	Inside	3641.00	
Recorder	0.00	8289	Outside	3641.00	
Perforations	3.00			3644.00	
Bullnose	3.00			3647.00	12.00 Bottom Packers & Anchor

Total Tool Length: 40.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Daystar Petroleum Inc
PO Box 560
Eureka KS 67045-0560
ATTN: Brad Rine

Jensen-King Unit #1-36
36-12s-18w Ellis,KS
Job Ticket: 61657 **DST#: 7**
Test Start: 2015.08.31 @ 12:13:00

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API: 24 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity: ppm
Viscosity: 60.00 sec/qt	Cushion Volume: bbl	
Water Loss: 7.77 in ³	Gas Cushion Type:	
Resistivity: ohm.m	Gas Cushion Pressure: psig	
Salinity: 8200.00 ppm		
Filter Cake: 3.00 inches		

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
56.00	OWCM 2%w 18%o 80%m	0.275
61.00	CO 100%	0.300

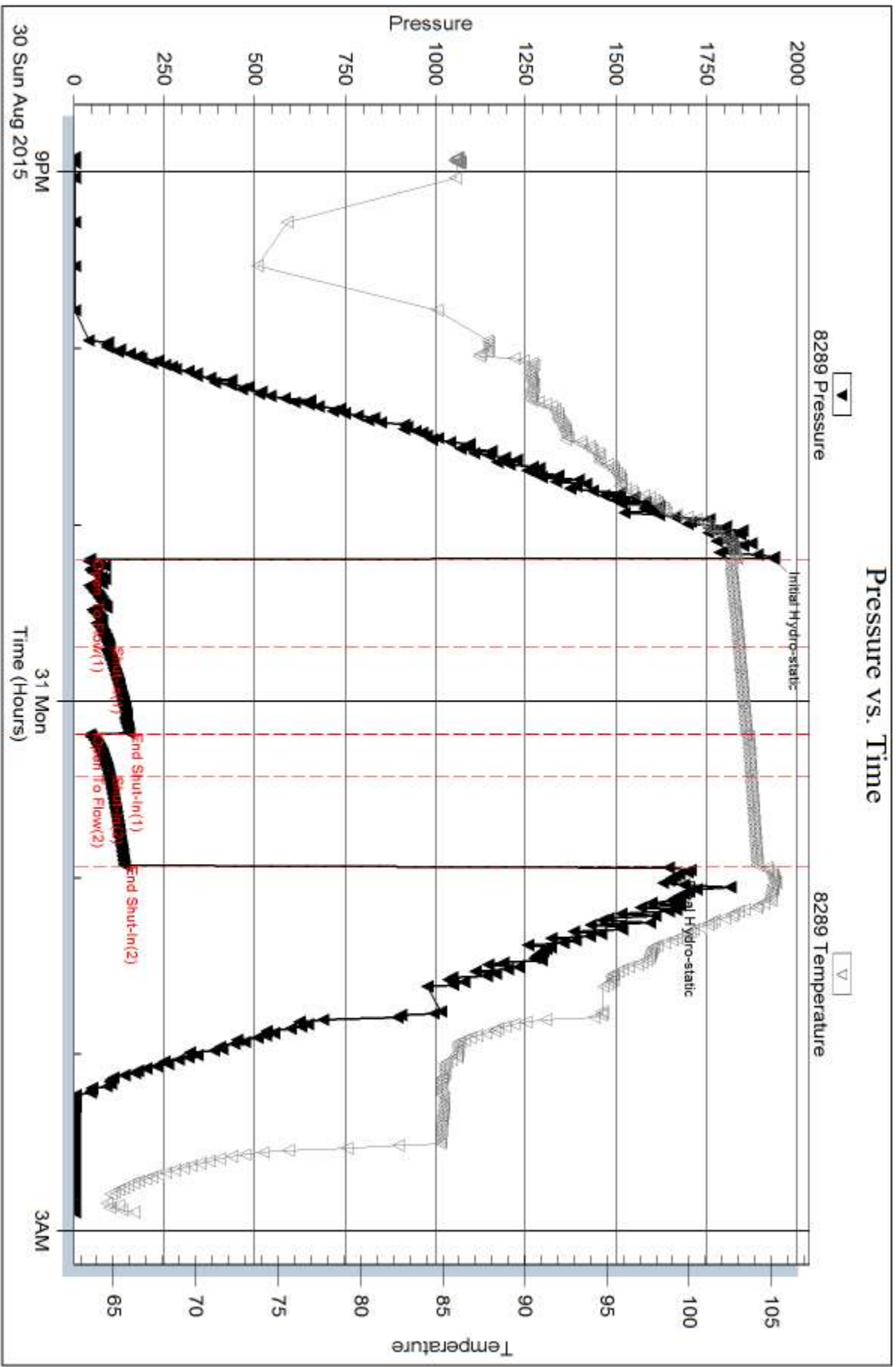
Total Length: 117.00 ft Total Volume: 0.575 bbl
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:

Serial #: 8289

Outside Daystar Petroleum Inc

36-12s-18w Ellis, KS

DST Test Number: 7



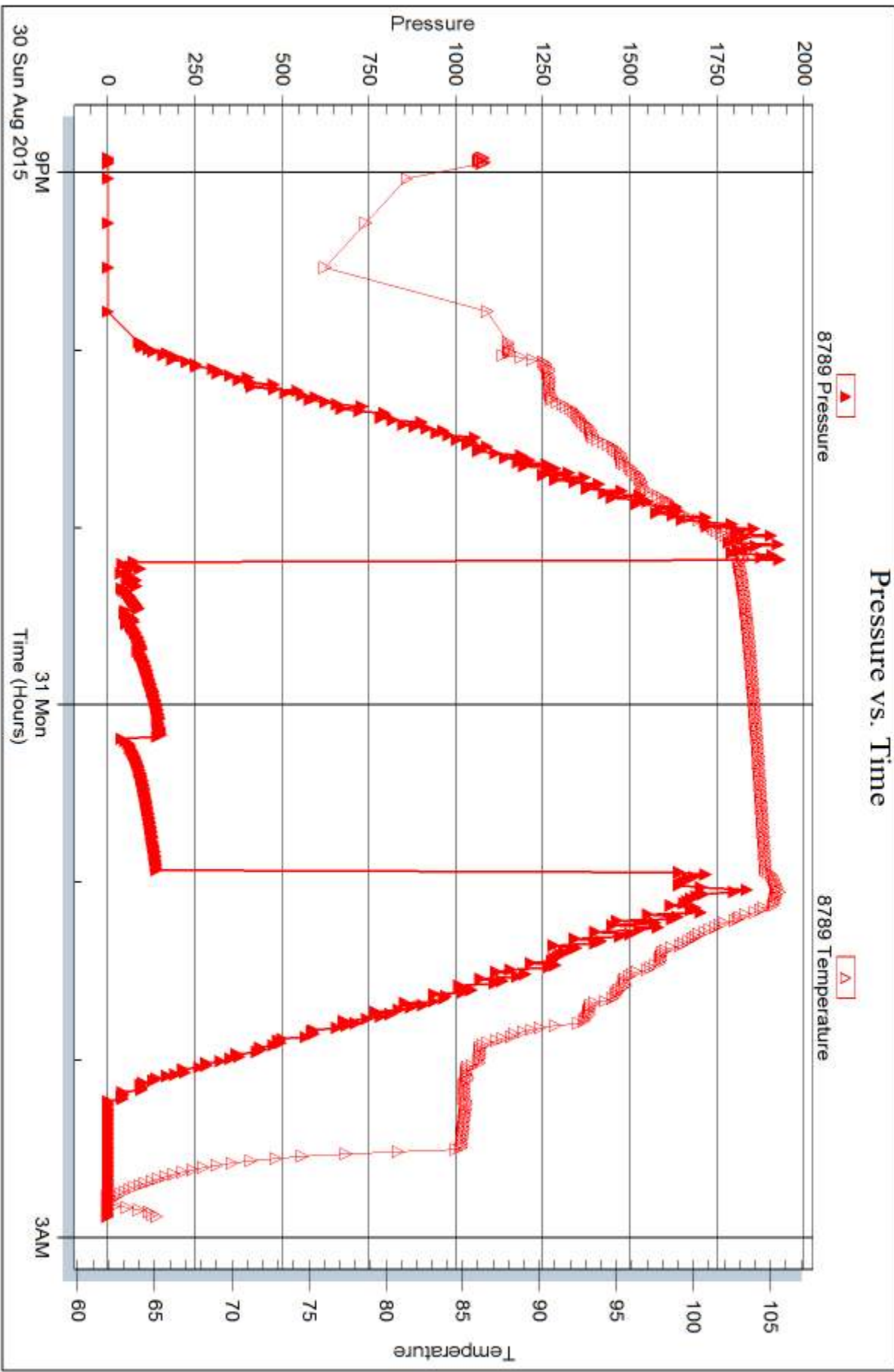
Serial #: 8789

Inside

Daystar Petroleum Inc

36-12s-18w Ellis, KS

DST Test Number: 7



Trilobite Testing, Inc

Ref. No: 61657

Printed: 2015.09.04 @ 08:49:58



DRILL STEM TEST REPORT

Prepared For: **Daystar Petroleum Inc**

PO Box 560
Eureka KS 67045-0560

ATTN: Brad Rine

36-12s-18w Ellis,KS

Jensen-King Unit #1-36

Start Date: 2015.09.01 @ 12:55:00

End Date: 2015.09.01 @ 20:39:00

Job Ticket #: 61658 DST #: 8

Trilobite Testing, Inc
1515 Commerce Parkway Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2015.09.04 @ 08:45:48



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Daystar Petroleum Inc
 PO Box 560
 Eureka KS 67045-0560
 ATTN: Brad Rine

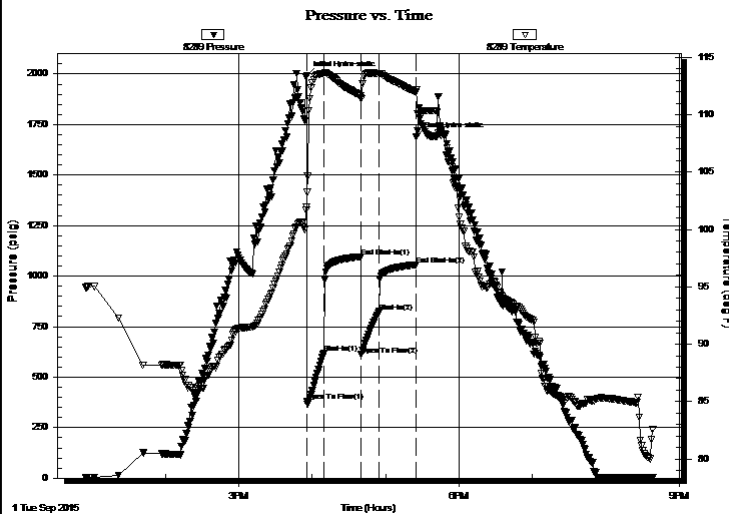
Jensen-King Unit #1-36
36-12s-18w Ellis,KS
 Job Ticket: 61658 **DST#: 8**
 Test Start: 2015.09.01 @ 12:55:00

GENERAL INFORMATION:

Formation: **Arbuckle**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 15:56:00
 Time Test Ended: 20:39:00
 Interval: **3648.00 ft (KB) To 3681.00 ft (KB) (TVD)**
 Total Depth: 3681.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Jim Svaty
 Unit No: 76
 Reference Elevations: 2084.00 ft (KB)
 2076.00 ft (CF)
 KB to GR/CF: 8.00 ft

Serial #: 8289 Outside
 Press@RunDepth: 824.33 psig @ 3654.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2015.09.01 End Date: 2015.09.01 Last Calib.: 2015.09.01
 Start Time: 12:55:02 End Time: 20:39:00 Time On Btm: 2015.09.01 @ 15:55:30
 Time Off Btm: 2015.09.01 @ 17:25:15

TEST COMMENT: 15-IF- BOB in 1 min.
 30-ISI- No Blow
 15-FF- BOB in 1 min. 10 sec.
 30-FSI- No Blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1993.69	101.94	Initial Hydro-static
1	380.69	103.24	Open To Flow (1)
14	617.77	113.61	Shut-In(1)
45	1095.04	111.67	End Shut-In(1)
45	611.07	111.48	Open To Flow (2)
60	824.33	113.55	Shut-In(2)
90	1056.01	111.98	End Shut-In(2)
90	1691.25	112.14	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
265.00	MCW 30% m 70% w	2.43
250.00	MCW 5% m 95% w	3.51
1220.00	Water 100%	17.11

* Recovery from multiple tests

Gas Rates

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



DRILL STEM TEST REPORT

Daystar Petroleum Inc
 PO Box 560
 Eureka KS 67045-0560
 ATTN: Brad Rine

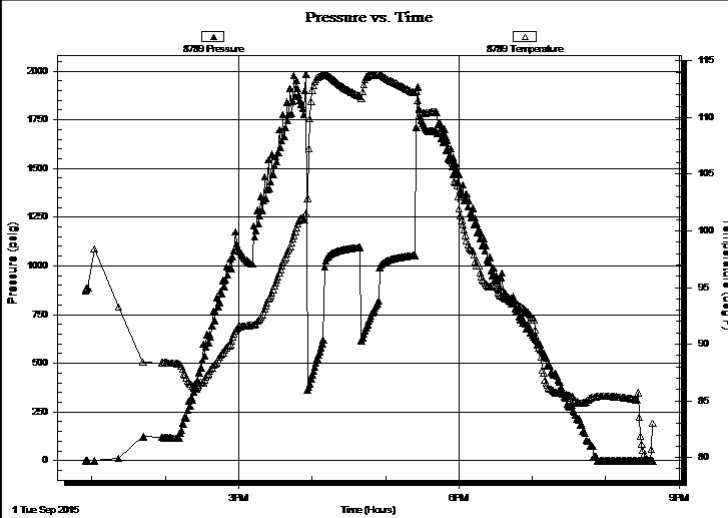
Jensen-King Unit #1-36
36-12s-18w Ellis,KS
 Job Ticket: 61658 **DST#: 8**
 Test Start: 2015.09.01 @ 12:55:00

GENERAL INFORMATION:

Formation: **Arbuckle**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 15:56:00
 Time Test Ended: 20:39:00
Interval: 3648.00 ft (KB) To 3681.00 ft (KB) (TVD)
 Total Depth: 3681.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Jim Svaty
 Unit No: 76
 Reference Elevations: 2084.00 ft (KB)
 2076.00 ft (CF)
 KB to GR/CF: 8.00 ft

Serial #: 8789 Inside
 Press@RunDepth: psig @ 3654.00 ft (KB)
 Start Date: 2015.09.01 End Date: 2015.09.01
 Start Time: 12:55:02 End Time: 20:39:00
 Capacity: 8000.00 psig
 Last Calib.: 2015.09.01
 Time On Btm:
 Time Off Btm:

TEST COMMENT: 15-IF- BOB in 1 min.
 30-ISI- No Blow
 15-FF- BOB in 1 min. 10 sec.
 30-FSI- No Blow



PRESSURE SUMMARY			
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

Recovery		
Length (ft)	Description	Volume (bbl)
265.00	MCW 30% m 70% w	2.43
250.00	MCW 5% m 95% w	3.51
1220.00	Water 100%	17.11

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Daystar Petroleum Inc
PO Box 560
Eureka KS 67045-0560
ATTN: Brad Rine

Jensen-King Unit #1-36
36-12s-18w Ellis,KS
Job Ticket: 61658 **DST#: 8**
Test Start: 2015.09.01 @ 12:55:00

Tool Information

Drill Pipe:	Length: 3500.00 ft	Diameter: 3.80 inches	Volume: 49.10 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.75 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 141.00 ft	Diameter: 2.25 inches	Volume: 0.69 bbl	Weight to Pull Loose: 65000.00 lb
			<u>Total Volume: 49.79 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	21.00 ft			String Weight: Initial 52000.00 lb
Depth to Top Packer:	3648.00 ft			Final 62000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	33.00 ft			
Tool Length:	61.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3621.00	
Shut In Tool	5.00			3626.00	
Hydraulic tool	5.00			3631.00	
Jars	5.00			3636.00	
Safety Joint	2.00			3638.00	
Packer	5.00			3643.00	28.00 Bottom Of Top Packer
Packer	5.00			3648.00	
Stubb	1.00			3649.00	
Perforations	5.00			3654.00	
Recorder	0.00	8789	Inside	3654.00	
Recorder	0.00	8289	Outside	3654.00	
Perforations	24.00			3678.00	
Bullnose	3.00			3681.00	33.00 Bottom Packers & Anchor

Total Tool Length: 61.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Daystar Petroleum Inc
PO Box 560
Eureka KS 67045-0560
ATTN: Brad Rine

Jensen-King Unit #1-36
36-12s-18w Ellis,KS
Job Ticket: 61658 **DST#: 8**
Test Start: 2015.09.01 @ 12:55:00

Mud and Cushion Information

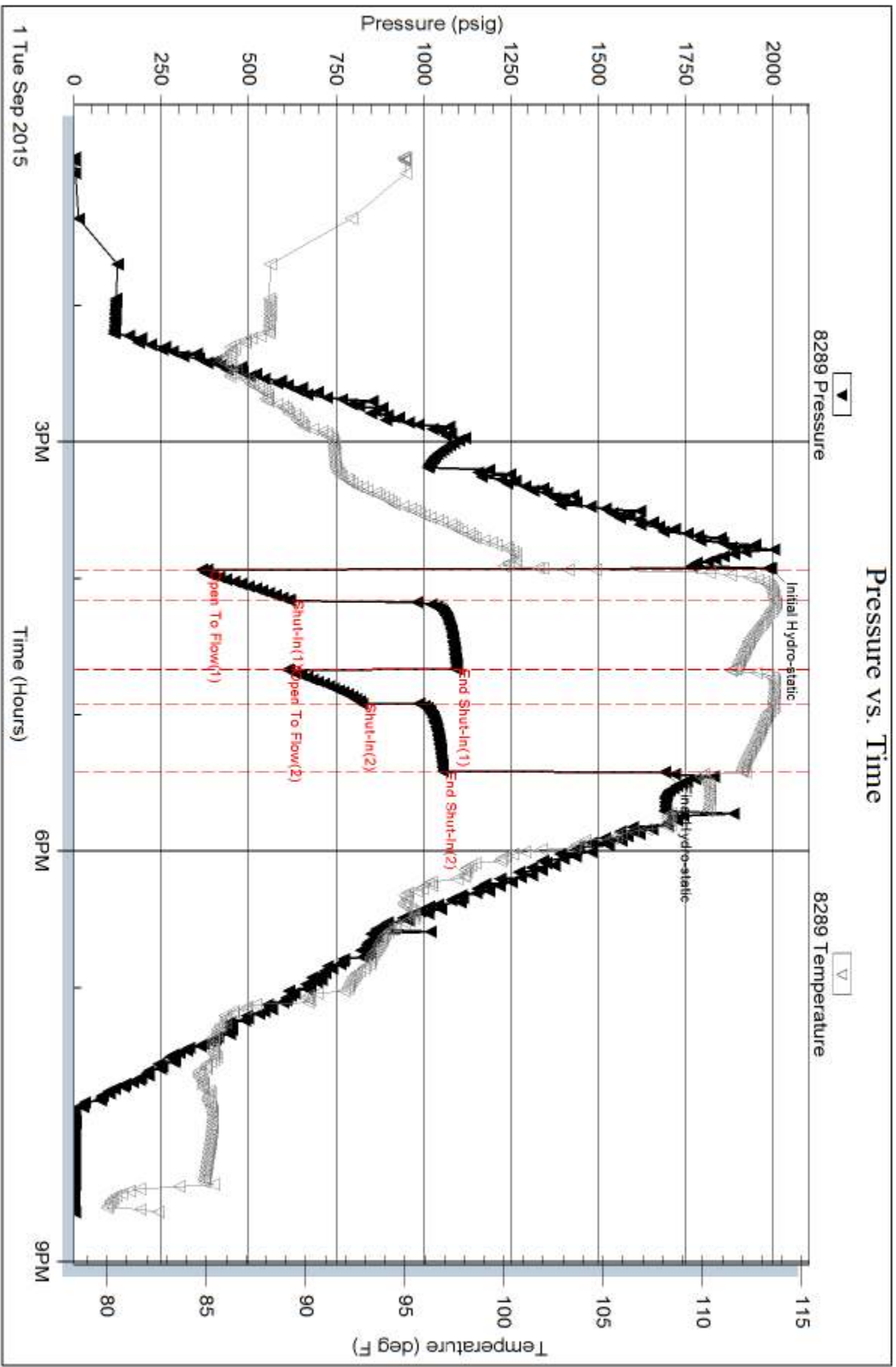
Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	37000 ppm
Viscosity: 60.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.96 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 8500.00 ppm			
Filter Cake: 2.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
265.00	MCW 30%m 70%w	2.433
250.00	MCW 5%m 95%w	3.507
1220.00	Water 100%	17.113

Total Length: 1735.00 ft Total Volume: 23.053 bbl
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments: .140 @ 96



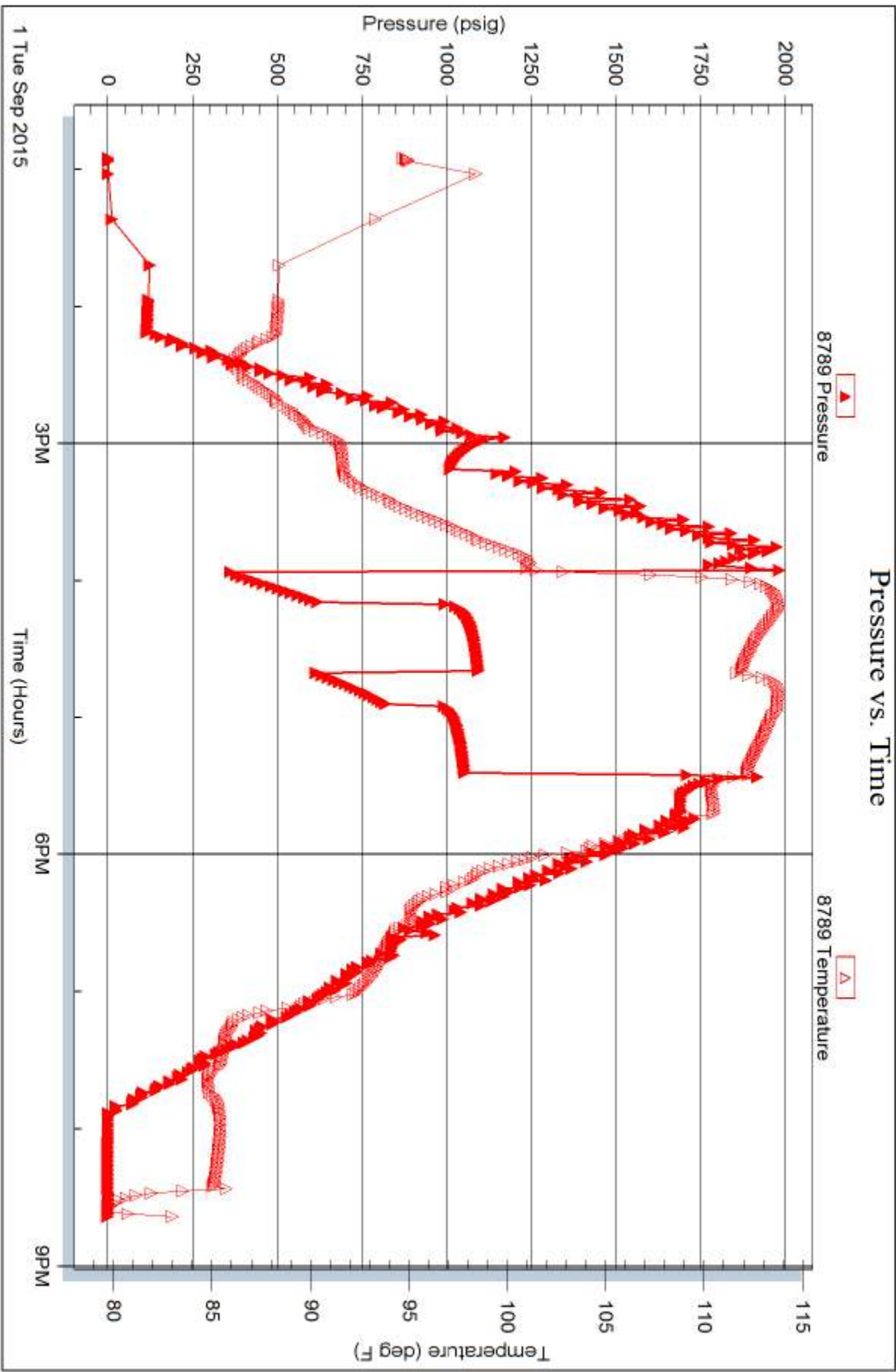
Serial #: 8789

Inside

Daystar Petroleum Inc

36-12s-18w Ellis, KS

DST Test Number: 8



Trilobite Testing, Inc

Ref. No: 61658

Printed: 2015.09.04 @ 08:45:51



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 61651

Well Name & No. Jensen-King Unit 1-36 Test No. 1 Date 8-27-15
 Company Danstar Petroleum Inc. Elevation 2084 KB 2076 GL
 Address 522 N. Main - Box 560 Eureka KS, 67045-0560
 Co. Rep / Geo. Brad Rine Rig Skytop
 Location: Sec. 36 Twp. 12^s Rge. 18^w Co. Ellis State KS

Interval Tested 3296-3368 Zone Tested Toronto - LKC "A-B"
 Anchor Length 72 Drill Pipe Run 3157 Mud Wt. 9.0
 Top Packer Depth 3291 Drill Collars Run 141 Vis 51
 Bottom Packer Depth 3296 Wt. Pipe Run 0 WL 7.2
 Total Depth 3368 Chlorides 3500 ppm System LCM 2

Blow Description IF - Surface Blow Died in 12min.
ISI - No Blow
FF - No Blow
FSI - No Blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>5</u>	<u>mud</u>			<u>100</u>	
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 5 BHT 105 Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic <u>1632</u>	<input checked="" type="checkbox"/> Test <u>1050</u>	T-On Location <u>00:15</u>
(B) First Initial Flow <u>25</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>03:00</u>
(C) First Final Flow <u>24</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>05:40</u>
(D) Initial Shut-In <u>334</u>	<input type="checkbox"/> Circ Sub _____	T-Pulled <u>07:30</u>
(E) Second Initial Flow <u>25</u>	<input type="checkbox"/> Hourly Standby _____	T-Out <u>09:23</u>
(F) Second Final Flow <u>26</u>	<input checked="" type="checkbox"/> Mileage <u>22 RT</u>	Comments _____
(G) Final Shut-In <u>313</u>	<input type="checkbox"/> Sampler _____	_____
(H) Final Hydrostatic <u>1580</u>	<input type="checkbox"/> Straddle _____	<input type="checkbox"/> Ruined Shale Packer _____
Initial Open <u>20</u>	<input type="checkbox"/> Shale Packer _____	<input type="checkbox"/> Ruined Packer _____
Initial Shut-In <u>30</u>	<input type="checkbox"/> Extra Packer _____	<input type="checkbox"/> Extra Copies _____
Final Flow <u>15</u>	<input type="checkbox"/> Extra Recorder _____	Sub Total <u>0</u>
Final Shut-In <u>45</u>	<input type="checkbox"/> Day Standby _____	Total <u>1397</u>
	<input type="checkbox"/> Accessibility _____	MP/DST Disc't _____
	Sub Total <u>1397</u>	

Approved By _____ Our Representative [Signature]
 Trilobite Testing Inc. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.
7856395864



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 61652

Well Name & No. Jensen - King UNIT 1-36 Test No. 2 Date 8-27-15
 Company Daystar Petroleum INC. Elevation 2084 KB 2076 GL
 Address 522 N. MAIN Box 560 Eureka KS 67045-0560
 Co. Rep / Geo. BRAD RINE Rig SKYTOP
 Location: Sec. 36 Twp. 12^s Rge. 18^w Co. ELLIS State KS

Interval Tested 3363-3390 Zone Tested LKC "C"
 Anchor Length 27 Drill Pipe Run 3218 Mud Wt. 9.2
 Top Packer Depth 3358 Drill Collars Run 141 Vis 56
 Bottom Packer Depth 3363 Wt. Pipe Run 0 WL 7.8
 Total Depth 3390 Chlorides 3500 ppm System LCM 2

Blow Description IF - 1/4 in Blow "Weak"
ISI - No Blow
FF - No Blow
FSI - No Blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>30</u>	<u>OCM</u>				
	<u>30 DIP</u>				

Rec Total 30 BHT 102 Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic <u>1677</u>	<input checked="" type="checkbox"/> Test <u>1050</u>	T-On Location <u>15:40</u>
(B) First Initial Flow <u>21</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>16:18</u>
(C) First Final Flow <u>26</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>18:38</u>
(D) Initial Shut-In <u>430</u>	<input type="checkbox"/> Circ Sub _____	T-Pulled <u>21:10</u>
(E) Second Initial Flow <u>30</u>	<input type="checkbox"/> Hourly Standby _____	T-Out <u>23:25</u>
(F) Second Final Flow <u>31</u>	<input checked="" type="checkbox"/> Mileage <u>22</u>	Comments _____
(G) Final Shut-In <u>392</u>	<input type="checkbox"/> Sampler _____	
(H) Final Hydrostatic <u>1638</u>	<input type="checkbox"/> Straddle _____	<input type="checkbox"/> Ruined Shale Packer _____
	<input checked="" type="checkbox"/> Shale Packer <u>250</u>	<input type="checkbox"/> Ruined Packer _____
Initial Open <u>30</u>	<input type="checkbox"/> Extra Packer _____	<input type="checkbox"/> Extra Copies _____
Initial Shut-In <u>45</u>	<input type="checkbox"/> Extra Recorder _____	Sub Total <u>0</u>
Final Flow <u>15</u>	<input type="checkbox"/> Day Standby _____	Total <u>1647</u>
Final Shut-In <u>60</u>	<input type="checkbox"/> Accessibility _____	MP/DST Disc't _____
	Sub Total <u>1647</u>	

Approved By _____ Our Representative [Signature]

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TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 61653

Well Name & No. Jensen-King Unit 1-36 Test No. 3 Date 8-28-15
 Company Daystar Petroleum Inc. Elevation 2084 KB 2076 GL
 Address 522 N. MAIN Box 560 Eureka KS. 67045-0560
 Co. Rep / Geo. Brad Rine Rig Skystop
 Location: Sec. 36 Twp. 12^S Rge. 18^W Co. Ellis State KS

Interval Tested 3387-3432 Zone Tested LKC "D-F"
 Anchor Length 45 Drill Pipe Run 3250 Mud Wt. 9.1
 Top Packer Depth 3382 Drill Collars Run 141 Vis 51
 Bottom Packer Depth 3387 Wt. Pipe Run 0 WL 8
 Total Depth 3432 Chlorides 3600 ppm System LCM 2

Blow Description IF- BOB in 2min.
ISI- BOB in 6min.
FF- BOB in 2min
FSI- BOB in 11min.

Rec	Feet of	%gas	%oil	%water	%mud
<u>420</u>	<u>Wassy MCO</u>	<u>25</u>	<u>65</u>	<u>10</u>	
<u>496</u>	<u>Wassy CO</u>	<u>40</u>	<u>60</u>		
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 916 BHT 106 Gravity 27 API RW @ °F Chlorides ppm

(A) Initial Hydrostatic <u>1714</u>	<input checked="" type="checkbox"/> Test <u>1050</u>	T-On Location <u>07:25</u>
(B) First Initial Flow <u>86</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>07:44</u>
(C) First Final Flow <u>194</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>09:44</u>
(D) Initial Shut-In <u>562</u>	<input type="checkbox"/> Circ Sub	T-Pulled <u>13:29</u>
(E) Second Initial Flow <u>218</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>16:38</u>
(F) Second Final Flow <u>330</u>	<input checked="" type="checkbox"/> Mileage <u>22</u>	Comments
(G) Final Shut-In <u>532</u>	<input type="checkbox"/> Sampler	
(H) Final Hydrostatic <u>1621</u>	<input type="checkbox"/> Straddle	

Initial Open <u>30</u>	<input type="checkbox"/> Shale Packer	<input type="checkbox"/> Ruined Shale Packer
Initial Shut-In <u>45</u>	<input type="checkbox"/> Shale Packer	<input type="checkbox"/> Ruined Packer
Final Flow <u>60</u>	<input type="checkbox"/> Extra Packer	<input type="checkbox"/> Extra Copies
Final Shut-In <u>90</u>	<input type="checkbox"/> Extra Recorder	Sub Total <u>0</u>
	<input type="checkbox"/> Day Standby	Total <u>1397</u>
	<input type="checkbox"/> Accessibility	MP/DST Disc't
	Sub Total <u>1397</u>	

Approved By _____ Our Representative [Signature]
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TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 61654

Well Name & No. Jensen - King Unit 1-36 Test No. 4 Date 8-28-15
 Company Danstar Petroleum Inc Elevation 2084 KB 2076 GL
 Address 522 N. MAIN Box 560 Eureka KS. 67045-0560
 Co. Rep / Geo. Brad Rine Rig Skutop
 Location: Sec. 36 Twp. 12^S Rge. 18^W Co. Ellis State KS

Interval Tested 3437-3450 Zone Tested LRC "G"
 Anchor Length 13 Drill Pipe Run 3280 Mud Wt. 9.1
 Top Packer Depth 3432 Drill Collars Run 141 Vis 51
 Bottom Packer Depth 3437 Wt. Pipe Run 0 WL 8
 Total Depth 3450 Chlorides 3600 ppm System LCM 2

Blow Description IF - 1/2 in. Blow Died in 20 min.
ISI - No Blow
FF - No Blow
FSI - No Blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>5</u>	<u>0 cm</u>	<u>5</u>		<u>95</u>	
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 5 BHT 104 Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic <u>1754</u>	<input checked="" type="checkbox"/> Test <u>1050</u>	T-On Location <u>22:45</u>
(B) First Initial Flow <u>24</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>23:54</u>
(C) First Final Flow <u>21</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>02:26</u>
(D) Initial Shut-In <u>32</u>	<input type="checkbox"/> Circ Sub _____	T-Pulled <u>03:56</u>
(E) Second Initial Flow <u>21</u>	<input type="checkbox"/> Hourly Standby _____	T-Out <u>05:44</u>
(F) Second Final Flow <u>21</u>	<input checked="" type="checkbox"/> Mileage <u>22</u>	Comments _____
(G) Final Shut-In <u>24</u>	<input type="checkbox"/> Sampler _____	
(H) Final Hydrostatic <u>1613</u>	<input type="checkbox"/> Straddle _____	
Initial Open <u>30</u>	<input type="checkbox"/> Shale Packer _____	<input type="checkbox"/> Ruined Shale Packer _____
Initial Shut-In <u>30</u>	<input type="checkbox"/> Extra Packer _____	<input type="checkbox"/> Ruined Packer _____
Final Flow <u>15</u>	<input type="checkbox"/> Extra Recorder _____	<input type="checkbox"/> Extra Copies _____
Final Shut-In <u>15</u>	<input type="checkbox"/> Day Standby _____	Sub Total <u>0</u>
	<input type="checkbox"/> Accessibility _____	Total <u>1397</u>
	Sub Total <u>1397</u>	MP/DST Disc't _____

Approved By _____ Our Representative [Signature]

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TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 61655

Well Name & No. Jensen-King Unit 1-36 Test No. 5 Date 8-29-15
 Company Danstar Petroleum Inc. Elevation 2084 KB 2076 GL
 Address 522 N. Main Box 560 Eureka KS. 67045-0560
 Co. Rep / Geo. Brad Rine Rig Skytop
 Location: Sec. 36 Twp. 12^s Rge. 18^w Co. Ellis State KS

Interval Tested 3507-3535 Zone Tested LKC "J"
 Anchor Length 28 Drill Pipe Run 3346 Mud Wt. 9.1
 Top Packer Depth 3502 Drill Collars Run 141 Vis 51
 Bottom Packer Depth 3507 Wt. Pipe Run 0 WL 8
 Total Depth 3535 Chlorides 3600 ppm System LCM 2

Blow Description IF - Weak Surface Blow Died in 6 min.
ISI - No Blow
FF - No Blow
FSI - No Blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>2</u>	<u>Oil Speck Mud</u>			<u>100</u>	
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 2 BHT 103 Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic <u>1786</u>	<input checked="" type="checkbox"/> Test <u>1050</u>	T-On Location <u>17:44</u>
(B) First Initial Flow <u>25</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>18:33</u>
(C) First Final Flow <u>22</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>20:56</u>
(D) Initial Shut-In <u>40</u>	<input type="checkbox"/> Circ Sub _____	T-Pulled <u>22:26</u>
(E) Second Initial Flow <u>23</u>	<input type="checkbox"/> Hourly Standby _____	T-Out <u>00:22</u>
(F) Second Final Flow <u>23</u>	<input checked="" type="checkbox"/> Mileage <u>22</u>	Comments _____
(G) Final Shut-In <u>26</u>	<input type="checkbox"/> Sampler _____	
(H) Final Hydrostatic <u>1753</u>	<input type="checkbox"/> Straddle _____	
Initial Open <u>30</u>	<input type="checkbox"/> Shale Packer _____	<input type="checkbox"/> Ruined Shale Packer _____
Initial Shut-In <u>30</u>	<input type="checkbox"/> Extra Packer _____	<input type="checkbox"/> Ruined Packer _____
Final Flow <u>15</u>	<input type="checkbox"/> Extra Recorder _____	<input type="checkbox"/> Extra Copies _____
Final Shut-In <u>15</u>	<input type="checkbox"/> Day Standby _____	Sub Total <u>0</u>
	<input type="checkbox"/> Accessibility _____	Total <u>1397</u>
	Sub Total <u>1397</u>	MP/DST Disc't _____

Approved By _____ Our Representative [Signature]
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TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 61656

Well Name & No. Jensen-King Unit 1-36 Test No. 6 Date 8-30-15
 Company Daystar Petroleum Inc. Elevation 2084 KB 2076 GL
 Address 522 N. Main Box 560 Eureka KS. 67045-0560
 Co. Rep / Geo. Brad Rine Rig Skytop
 Location: Sec. 36 Twp. 12^s Rge. 18^w Co. Ellis State KS

Interval Tested 3569-3633 Zone Tested Conglomerate & Arbuckle
 Anchor Length 64 Drill Pipe Run 3409 Mud Wt. 9.2
 Top Packer Depth 3564 Drill Collars Run 141 Vis 52
 Bottom Packer Depth 3569 Wt. Pipe Run — WL 8.8
 Total Depth 3633 Chlorides 8800 ppm System LCM 1
 Blow Description IF - Surface Blow Building to 1 1/4 in 3 min. Died Back 14 min.
ISI - No Blow
FF - No Blow
FSI - No Blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>10</u>	<u>mud</u>			<u>100</u>	
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 10 BHT 104 Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic <u>1935</u>	<input checked="" type="checkbox"/> Test <u>850</u>	T-On Location <u>19:25</u>
(B) First Initial Flow <u>44</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>20:55</u>
(C) First Final Flow <u>99</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>23:11</u>
(D) Initial Shut-In <u>153</u>	<input type="checkbox"/> Circ Sub _____	T-Pulled <u>00:56</u>
(E) Second Initial Flow <u>44</u>	<input type="checkbox"/> Hourly Standby _____	T-Out <u>02:53</u>
(F) Second Final Flow <u>98</u>	<input checked="" type="checkbox"/> Mileage <u>22</u>	Comments <u>plugged tool</u>
(G) Final Shut-In <u>139</u>	<input type="checkbox"/> Sampler _____	
(H) Final Hydrostatic <u>1646</u>	<input type="checkbox"/> Straddle _____	
Initial Open <u>30</u>	<input type="checkbox"/> Shale Packer _____	
Initial Shut-In <u>30</u>	<input type="checkbox"/> Extra Packer _____	
Final Flow <u>15</u>	<input type="checkbox"/> Extra Recorder _____	Sub Total <u>0</u>
Final Shut-In <u>30</u>	<input type="checkbox"/> Day Standby _____	Total <u>1197</u>
	<input type="checkbox"/> Accessibility _____	MP/DST Disc't _____
	Sub Total <u>1197</u>	

Approved By _____

Our Representative [Signature]

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TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 61657

Well Name & No. Jensen King Unit 1-36 Test No. 7 Date 8-31-15
 Company Danstar Petroleum Inc. Elevation 2084 KB 2076
 Address 522 N MAIN Box 560 Eureka KS 67045-0560
 Co. Rep / Geo. Brad Rine Rig Skutop
 Location: Sec. 36 Twp. 12^s Rge. 18^w Co. Ellis State KS

Interval Tested 3635-3647 Zone Tested Arbuckle
 Anchor Length 12 Drill Pipe Run 3469 Mud Wt. 9.4
 Top Packer Depth 3630 Drill Collars Run 141 Vis 60+
 Bottom Packer Depth 3635 Wt. Pipe Run 0 WL 7.8
 Total Depth 3647 Chlorides 8200 ppm System LCM 3

Blow Description IF - Surface Blow Building to 2 in.
ISI - No Blow
FF - Surface Blow in 7 min. Building to 2 1/2 in.
FSI - No Blow

Sec	Feet of	%gas	%oil	%water	%mu
<u>56</u>	<u>OWCM</u>	<u>18</u>	<u>2</u>	<u>80</u>	
<u>61</u>	<u>CO</u>	<u>100</u>			

Rec Total 117 BHT 106 Gravity 24 API RW @ _____ °F Chlorides _____ ppm

A) Initial Hydrostatic	<u>1864</u>	<input checked="" type="checkbox"/> Test	<u>1050</u>	T-On Location	<u>11:29</u>
B) First Initial Flow	<u>30</u>	<input checked="" type="checkbox"/> Jars	<u>250</u>	T-Started	<u>12:13</u>
C) First Final Flow	<u>39</u>	<input checked="" type="checkbox"/> Safety Joint	<u>75</u>	T-Open	<u>14:09</u>
D) Initial Shut-In	<u>1104</u>	<input type="checkbox"/> Circ Sub		T-Pulled	<u>17:24</u>
E) Second Initial Flow	<u>50</u>	<input type="checkbox"/> Hourly Standby		T-Out	<u>19:22</u>
F) Second Final Flow	<u>69</u>	<input checked="" type="checkbox"/> Mileage	<u>22</u>	Comments	
G) Final Shut-In	<u>1057</u>	<input type="checkbox"/> Sampler			
H) Final Hydrostatic	<u>1746</u>	<input type="checkbox"/> Straddle		<input type="checkbox"/> Ruined Shale Packer	
		<input type="checkbox"/> Shale Packer		<input type="checkbox"/> Ruined Packer	
Initial Open	<u>30</u>	<input type="checkbox"/> Extra Packer		<input type="checkbox"/> Extra Copies	
Initial Shut-In	<u>45</u>	<input type="checkbox"/> Extra Recorder		Sub Total	<u>0</u>
Final Flow	<u>60</u>	<input type="checkbox"/> Day Standby		Total	<u>1397</u>
Final Shut-In	<u>60</u>	<input type="checkbox"/> Accessibility		MP/DST Disc't	
		Sub Total	<u>1397</u>		

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TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 61658

Well Name & No. Jensen-King Unit 1-36 Test No. 8 Date 9-1-15
 Company Danstar Petroleum INC. Elevation 2084 KB 2076 GL
 Address 522 N. Main Box 560 Eureka KS 67045-0560
 Co. Rep / Geo. Brad Rine Rig Skycap
 Location: Sec. 36 Twp. 12^s Rge. 18^w Co. Ellis State KS

Interval Tested 3648-3681 Zone Tested Arbuckle
 Anchor Length 33 Drill Pipe Run 3500 Mud Wt. 9.4
 Top Packer Depth 3643 Drill Collars Run 141 Vis 60
 Bottom Packer Depth 3648 Wt. Pipe Run 0 WL 8
 Total Depth 3681 Chlorides 8500 ppm System LCM 2

Blow Description IF - BOB in lamin.
ISI - No Blow
FF - BOB in lamin. 10sec.
FSI - No Blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>265</u>	<u>mcw</u>		<u>70</u>	<u>30</u>	
<u>250</u>	<u>mcw</u>		<u>95</u>	<u>5</u>	
<u>1220</u>	<u>Water</u>		<u>100</u>		

Rec Total 1735 BHT 112 Gravity _____ API RW .140 @ 96 °F Chlorides 37000 ppm

- (A) Initial Hydrostatic 1993
 - (B) First Initial Flow 380
 - (C) First Final Flow 617
 - (D) Initial Shut-In 1095
 - (E) Second Initial Flow 611
 - (F) Second Final Flow 824
 - (G) Final Shut-In 1056
 - (H) Final Hydrostatic 1691
 - Initial Open 15
 - Initial Shut-In 30
 - Final Flow 15
 - Final Shut-In 30
- Test 1050
 - Jars 250
 - Safety Joint 75
 - Circ Sub _____
 - Hourly Standby _____
 - Mileage 22 + 22
 - Sampler _____
 - Straddle _____
 - Shale Packer _____
 - Extra Packer _____
 - Extra Recorder _____
 - Day Standby 1.5d 12.5h
 - Accessibility _____
 - Sub Total 1419

T-On Location 11:30
 T-Started 12:55
 T-Open 15:55
 T-Pulled 17:25
 T-Out 20:39

Comments loaded tools 9/3 20:00

Ruined Shale Packer _____
 Ruined Packer _____
 Extra Copies _____
 Sub Total 0
 Total 1419
 MP/DST Disc't _____

Approved By _____ Our Representative [Signature]
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