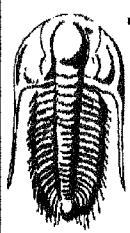


29-11-22W

29-11s-22w

15-195-22548-0000 L6s



**TRILOBITE TESTING, INC.**

**DRILL STEM TEST REPORT**

K-B Kansas Operating LLC  
 820 S. MacArther Blvd  
 Suite 105  
 Coppell, Texas 75-19  
 ATTN: Dwight Brehm

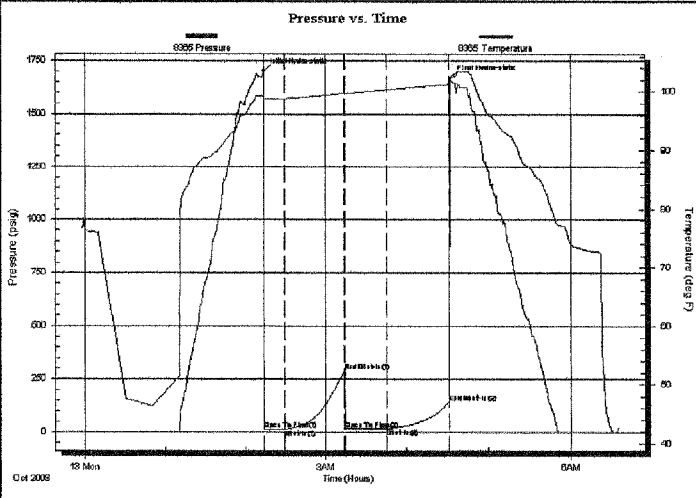
**Nilhas Trust #1-29**  
**29 11 22 Trego Ks**  
 Job Ticket: 31266      **DST#: 1**  
 Test Start: 2008.10.12 @ 23:58:20

**GENERAL INFORMATION:**

Formation: **LKC**  
 Deviated: No Whipstock:      ft (KB)  
 Test Type: Conventional Bottom Hole  
 Time Tool Opened: 02:13:45      Tester: Ray Schwager  
 Time Test Ended: 06:35:14      Unit No: 42  
 Interval: **3612.00 ft (KB) To 3677.00 ft (KB) (TVD)**      Reference Elevations: 2386.00 ft (KB)  
 Total Depth: 3677.00 ft (KB) (TVD)      2379.00 ft (CF)  
 Hole Diameter: 7.85 inches Hole Condition: Fair      KB to GR/CF: 7.00 ft

**Serial #: 8365      Inside**  
 Press@RunDepth: 16.26 psig @ 3649.01 ft (KB)      Capacity: 7000.00 psig  
 Start Date: 2008.10.12      End Date: 2008.10.13      Last Calib.: 2008.10.13  
 Start Time: 23:58:20      End Time: 06:35:14      Time On Btm: 2008.10.13 @ 02:13:15  
 Time Off Btm: 2008.10.13 @ 04:32:44

**TEST COMMENT:** IFF-w k bl thru-out 1/4" to surface bl  
 FFP-no bl  
 Times 15-45-30-45



PRESSURE SUMMARY			
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1698.73	99.29	Initial Hydro-static
1	12.63	98.64	Open To Flow (1)
16	13.80	98.84	Shut-In(1)
61	284.50	99.75	End Shut-In(1)
61	14.98	99.63	Open To Flow (2)
92	16.26	100.31	Shut-In(2)
139	142.81	101.29	End Shut-In(2)
140	1666.41	102.03	Final Hydro-static

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 JAN 23 2009

Recovery		
Length (ft)	Description	Volume (bbl)
5.00	Mud w/show of oil	0.02

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

CONSERVATION DIVISION  
 WICHITA, KS

29-11-22W

# DRILL STEM TEST REPORT

FLUID SUMMARY

K-B Kansas Operating LLC

Nilhas Trust #1-29

820 S.MacArther Blvd  
Suite 105  
Coppell, Texas 75-19  
ATTN: Dwight Brehm

29 11 22 Trego Ks  
Job Ticket: 31266      DST#: 1  
Test Start: 2008.10.12 @ 23:58:20

## 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: 8.74 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 1000.00 ppm			
Filter Cake: 2.00 inches			

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	Mud w/show of oil	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:

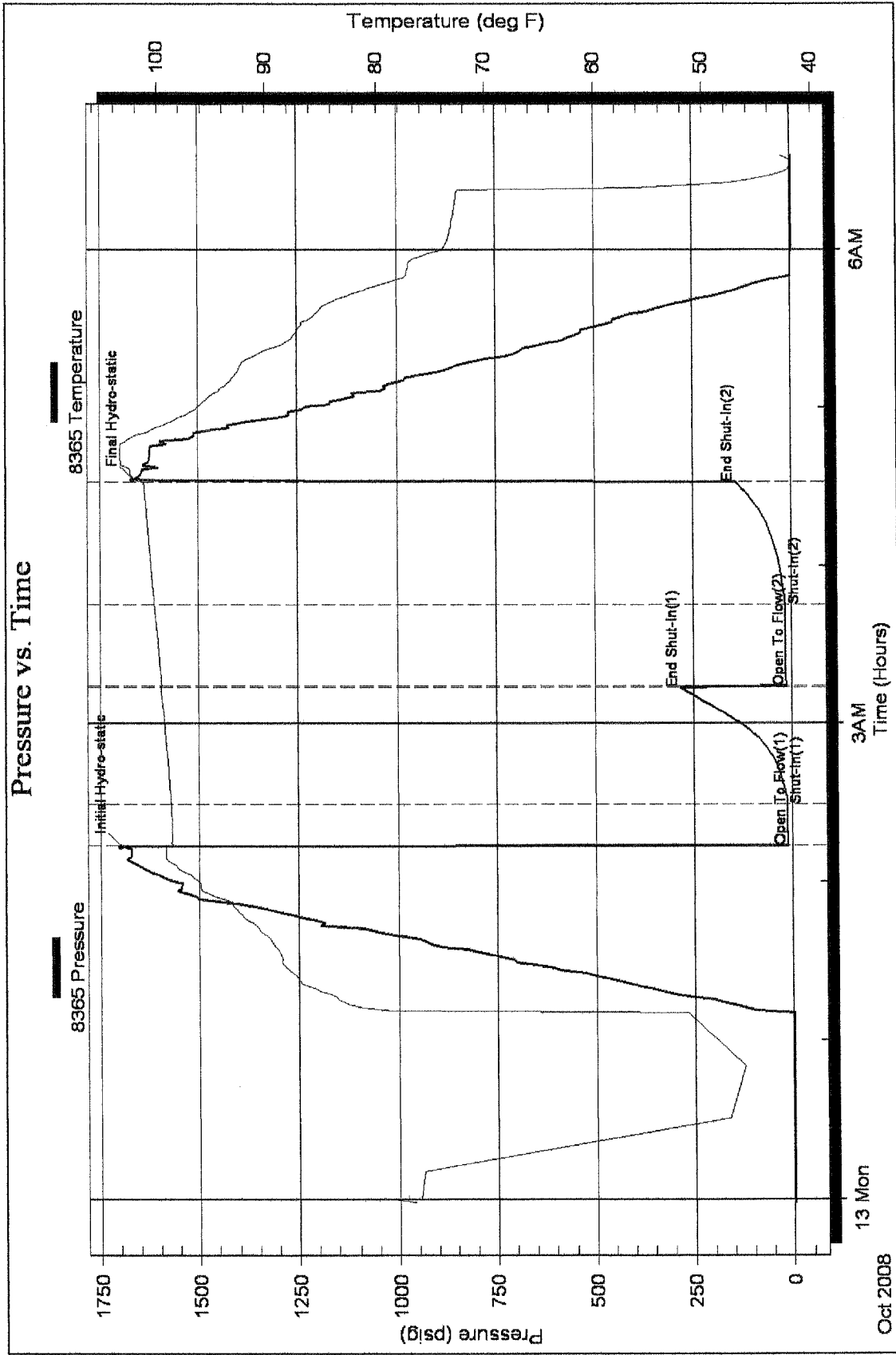
Serial #: 8365

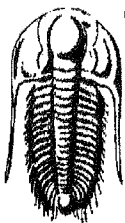
Inside

K-B Kansas Operating LLC

29 11 22 Trego Ks

DST Test Number: 1





**TRILOBITE TESTING, INC**

# DRILL STEM TEST REPORT

K-B Kansas Operating LLC

**Nilhas Trust #1-29**

820 S. MacArther Blvd  
Suite 105  
Coppell, Texas 75-19  
ATTN: Dwight Brehm

**29 11 22 Trego, KS**

Job Ticket: 31267

**DST#: 2**

Test Start: 2008.10.14 @ 06:54:28

## GENERAL INFORMATION:

Formation: **Marmaton**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 08:30:53

Time Test Ended: 13:30:22

Test Type: Conventional Bottom Hole

Tester: Ray Schwager

Unit No: 42

**Interval: 3987.00 ft (KB) To 4017.00 ft (KB) (TVD)**

Reference Elevations: 2386.00 ft (KB)

Total Depth: 4017.00 ft (KB) (TVD)

2379.00 ft (CF)

Hole Diameter: 7.85 inches Hole Condition: Fair

KB to GR/CF: 7.00 ft

**Serial #: 8365 Inside**

Press@RunDepth: 82.89 psig @ 3988.01 ft (KB)

2008.10.14

Capacity: 7000.00 psig

Start Date: 2008.10.14

End Date:

Last Calib.: 2008.10.14

Start Time: 06:54:28

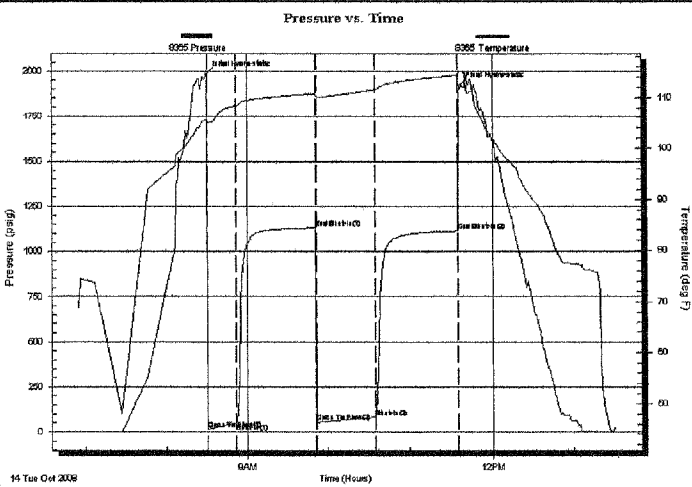
End Time:

13:30:22

Time On Btm: 2008.10.14 @ 08:30:23

Time Off Btm: 2008.10.14 @ 11:36:52

**TEST COMMENT:** IFF-wk to a fr bl 1/2" to 4 1/2" bl  
FFP-wk to a gd bl 1/2" to 7 1/2" bl  
Times 15-60-45-60  
ISIP-no bl bk, FSIP-1/2" bl bk



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1979.67	105.66	Initial Hydro-static
1	13.67	104.44	Open To Flow (1)
22	48.64	108.30	Shut-In(1)
81	1129.46	110.77	End Shut-In(1)
81	55.90	110.28	Open To Flow (2)
125	82.89	111.56	Shut-In(2)
186	1113.43	114.35	End Shut-In(2)
187	1920.61	114.99	Final Hydro-static

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WICHITA, KS

## Recovery

Length (ft)	Description	Volume (bbl)
120.00	MGO 10%G10%O80%O	0.59
80.00	CO	1.12
0.00	220'GIP	0.00

## Gas Rates

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



**TRILOBITE  
TESTING, INC**

**DRILL STEM TEST REPORT**

**FLUID SUMMARY**

K-B Kansas Operating LLC

**Nilhas Trust #1-29**

820 S.MacArther Blvd  
Suite 105  
Coppell, Texas 75-19  
ATTN: Dwight Brehm

**29 11 22 Trego, KS**

Job Ticket: 31267

**DST#: 2**

Test Start: 2008.10.14 @ 06:54:28

**Mud and Cushion Information**

Mud Type: Gel Chem

Cushion Type:

Oil API:

33 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 50.00 sec/qt

Cushion Volume:

bbf

Water Loss: 8.95 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2200.00 ppm

Filter Cake: 2.00 inches

**Recovery Information**

Recovery Table

Length ft	Description	Volume bbf
120.00	MGO 10%G10%O80%O	0.590
80.00	CO	1.122
0.00	220'GIP	0.000

Total Length: 200.00 ft      Total Volume: 1.712 bbf

Num Fluid Samples: 0

Num Gas Bombs: 0

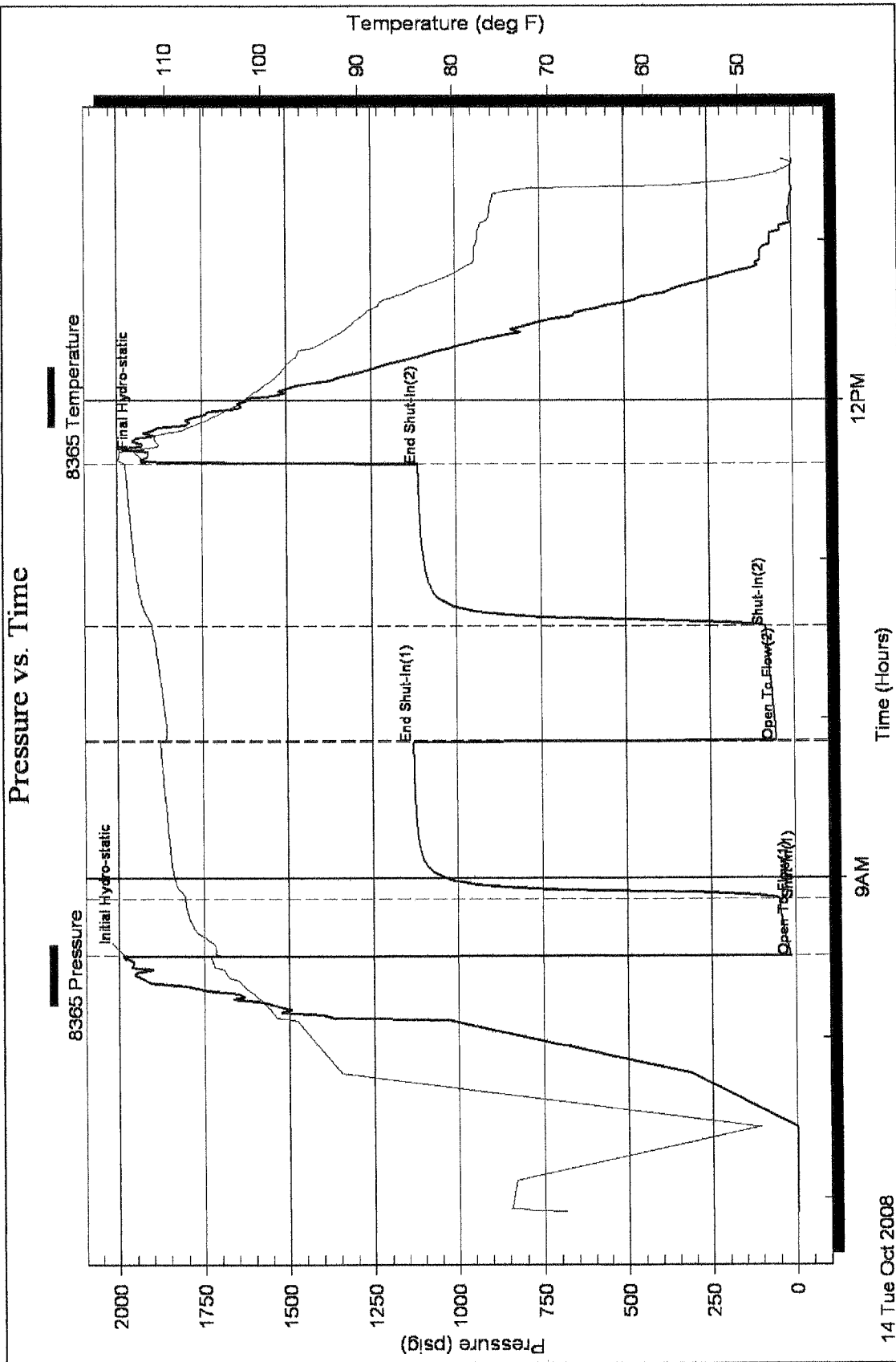
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

### Pressure vs. Time



14 Tue Oct 2008

9AM

12PM