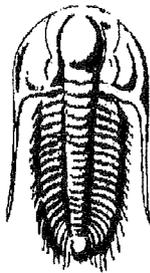


15-185-23499

29-235-12w



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Griffin Management**

PO Box 670
Byers CO 80103

ATTN: Bruce Reed

29 23 12 Stafford KS

Rice #1

Start Date: 2008.01.15 @ 11:52:57

End Date: 2008.01.15 @ 18:23:57

Job Ticket #: 29802 DST #: 1

RECEIVED
KANSAS CORPORATION COMMISSION

MAY 21 2008

CONSERVATION DIVISION
WICHITA, KS

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Griffin Management

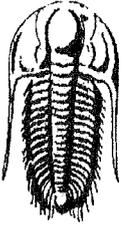
Rice #1

29 23 12 Stafford KS

DST # 1

Lans. F

2008.01.15



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Griffin Management
 PO Box 670
 Byers CO 80103
 ATTN: Bruce Reed

Rice #1
29 23 12 Stafford KS
 Job Ticket: 29802 **DST#: 1**
 Test Start: 2008.01.15 @ 11:52:57

GENERAL INFORMATION:

Formation: **Lans. F**
 Deviated: **No** Whipstock: ft (KB)
 Time Tool Opened: 13:55:42
 Time Test Ended: 18:23:57
 Interval: **3474.00 ft (KB) To 3494.00 ft (KB) (TVD)**
 Total Depth: **3494.00 ft (KB) (TVD)**
 Hole Diameter: **7.88 inches** Hole Condition: **Poor**

Test Type: **Conventional Bottom Hole**
 Tester: **Gary Pevoteaux**
 Unit No: **39**
 Reference Elevations: **1877.00 ft (KB)**
 1869.00 ft (CF)
 KB to GR/CF: **8.00 ft**

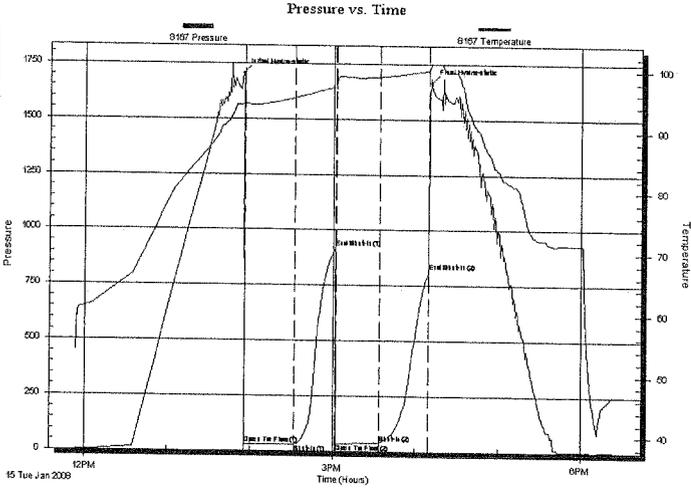
Serial #: 8167

Inside

Press@RunDepth: **39.97 psig @ 3475.00 ft (KB)**
 Start Date: **2008.01.15** End Date: **2008.01.15**
 Start Time: **11:53:02** End Time: **18:23:56**

Capacity: **7000.00 psig**
 Last Calib.: **2008.01.15**
 Time On Btm: **2008.01.15 @ 13:54:27**
 Time Off Btm: **2008.01.15 @ 16:11:27**

TEST COMMENT: IF Weak blow 1/2 - 1 1/4 "
 ISI No blow
 FF Weak blow 1/4 " or less
 FSI No blow



PRESSURE SUMMARY

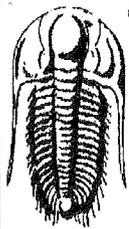
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1705.13	94.48	Initial Hydro-static
2	27.90	94.22	Open To Flow (1)
38	29.96	95.50	Shut-In(1)
67	919.70	97.21	End Shut-In(1)
68	35.66	97.05	Open To Flow (2)
100	39.97	98.94	Shut-In(2)
136	814.88	99.99	End Shut-In(2)
137	1667.37	101.06	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
55.00	SOCM >1%O 99%M	0.27
0.00	Trace of GIP	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Griffin Management

Rice #1

PO Box 670
Byers CO 80103

29 23 12 Stafford KS

ATTN: Bruce Reed

Job Ticket: 29802

DST#: 1

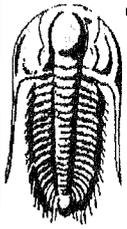
Test Start: 2008.01.15 @ 11:52:57

Tool Information

Drill Pipe:	Length: 3286.00 ft	Diameter: 3.80 inches	Volume: 46.09 bbl	Tool Weight: 2100.00 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: 180.00 ft	Diameter: 2.25 inches	Volume: 0.89 bbl	Weight to Pull Loose: 56000.00 lb
			Total Volume: 46.98 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	20.00 ft			String Weight: Initial 48000.00 lb
Depth to Top Packer:	3474.00 ft			Final 51000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	20.00 ft			
Tool Length:	48.00 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			3447.00	
Shut In Tool	5.00			3452.00	
Hydraulic tool	5.00			3457.00	
Jars	5.00			3462.00	
Safety Joint	3.00			3465.00	
Packer	4.00			3469.00	28.00 Bottom Of Top Packer
Packer	5.00			3474.00	
Stubb	1.00			3475.00	
Recorder	0.00	8167	Inside	3475.00	
Recorder	0.00	8357	Inside	3475.00	
Perforations	14.00			3489.00	
Bullnose	5.00			3494.00	20.00 Bottom Packers & Anchor
Total Tool Length:		48.00			



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Griffin Management

Rice #1

PO Box 670
Byers CO 80103

29 23 12 Stafford KS

ATTN: Bruce Reed

Job Ticket: 29802

DST#: 1

Test Start: 2008.01.15 @ 11:52:57

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 60.00 sec/qt

Water Loss: 7.98 in³

Resistivity: 0.00 ohm.m

Salinity: 6000.00 ppm

Filter Cake: 0.20 inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

ft

bbbl

psig

Oil API:

deg API

Water Salinity:

6000 ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
55.00	SOCM >1%O 99%M	0.270
0.00	Trace of GIP	0.000

Total Length: 55.00 ft Total Volume: 0.270 bbl

Num Fluid Samples: 0

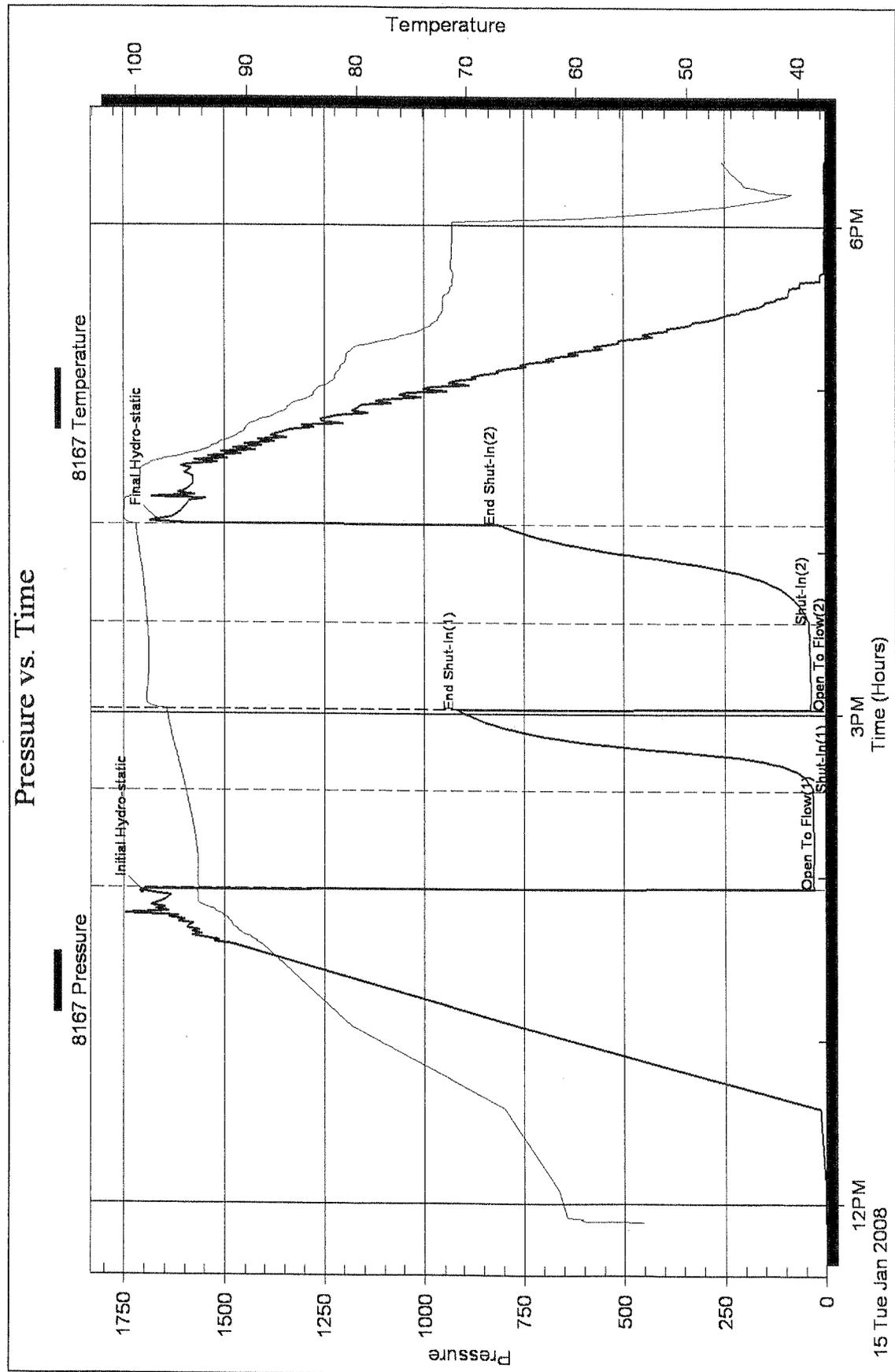
Num Gas Bombs: 0

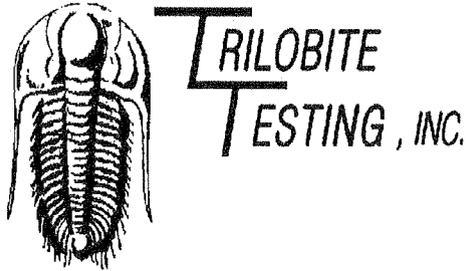
Serial #: none

Laboratory Name:

Laboratory Location:

Recovery Comments:





DRILL STEM TEST REPORT

Prepared For: **Griffin Management**

PO Box 670
Byers CO 80103

ATTN: Bruce Reed

29 23 12 Stafford KS

Rice #1

Start Date: 2008.01.17 @ 06:16:04

End Date: 2008.01.17 @ 16:56:34

Job Ticket #: 29803 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Griffin Management

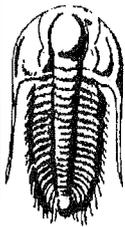
Rice #1

29 23 12 Stafford KS

DST # 2

Arbuckle

2008.01.17



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Griffin Management

Rice #1

PO Box 670
Byers CO 80103

29 23 12 Stafford KS

ATTN: Bruce Reed

Job Ticket: 29803

DST#: 2

Test Start: 2008.01.17 @ 06:16:04

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 09:41:49

Time Test Ended: 16:56:34

Test Type: Conventional Bottom Hole

Tester: Gary Pevoteaux

Unit No: 39

Interval: **3822.00 ft (KB) To 3864.00 ft (KB) (TVD)**

Total Depth: 3864.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Poor

Reference Elevations: 1877.00 ft (KB)

1869.00 ft (CF)

KB to GR/CF: 8.00 ft

Serial #: 8167 Inside

Press@RunDepth: 1177.74 psig @ 3823.00 ft (KB)

Start Date: 2008.01.17

End Date: 2008.01.17

Capacity: 7000.00 psig

Start Time: 06:16:09

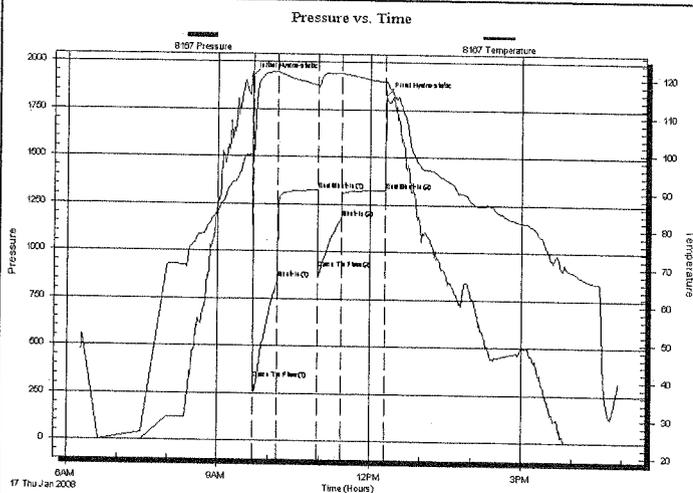
End Time: 16:56:34

Last Calib.: 2008.01.17

Time On Btm: 2008.01.17 @ 09:39:49

Time Off Btm: 2008.01.17 @ 12:19:19

TEST COMMENT: IF Strong blow BOB in 90 secs.
ISI No blow
FF Strong blow BOB in 140 secs.
FSI Very weak blow 1/4 "



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1918.50	99.83	Initial Hydro-static
2	323.20	99.47	Open To Flow (1)
31	852.89	121.56	Shut-In(1)
78	1322.80	118.24	End Shut-In(1)
78	911.56	117.97	Open To Flow (2)
106	1177.74	121.36	Shut-In(2)
158	1322.75	119.18	End Shut-In(2)
160	1825.61	119.09	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
750.00	SW w/o specs R _w .33 ohms@39 deg	8.88
495.00	SOCW 4%O 96%W	6.94
370.00	GOCMW 5%g 17%O 7%M 71%W	5.19
370.00	GOCMW 23%G 20%O 15%M 42%W	5.19
310.00	GOCMW 20%G 20%O 20%M 40%W	4.35
205.00	OCMW 32%O 26%M 42%W	2.88

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Griffin Management

Rice #1

PO Box 670
Byers CO 80103

29 23 12 Stafford KS

ATTN: Bruce Reed

Job Ticket: 29803

DST#: 2

Test Start: 2008.01.17 @ 06:16:04

Tool Information

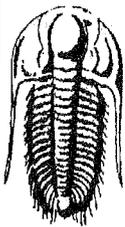
Drill Pipe:	Length: 3628.00 ft	Diameter: 3.80 inches	Volume: 50.89 bbl	Tool Weight: 2100.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 180.00 ft	Diameter: 2.25 inches	Volume: 0.89 bbl	Weight to Pull Loose: 72000.00 lb
			<u>Total Volume: 51.78 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	14.00 ft			String Weight: Initial 55000.00 lb
Depth to Top Packer:	3822.00 ft			Final 68000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	42.00 ft			
Tool Length:	70.00 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			3795.00	
Shut In Tool	5.00			3800.00	
Hydraulic tool	5.00			3805.00	
Jars	5.00			3810.00	
Safety Joint	3.00			3813.00	
Packer	4.00			3817.00	28.00 Bottom Of Top Packer
Packer	5.00			3822.00	
Stubb	1.00			3823.00	
Recorder	0.00	8167	Inside	3823.00	
Recorder	0.00	8357	Inside	3823.00	
Perforations	36.00			3859.00	
Bullnose	5.00			3864.00	42.00 Bottom Packers & Anchor

Total Tool Length: 70.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Griffin Management

Rice #1

PO Box 670
Byers CO 80103

29 23 12 Stafford KS

ATTN: Bruce Reed

Job Ticket: 29803

DST#: 2

Test Start: 2008.01.17 @ 06:16:04

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 59.00 sec/qt

Water Loss: 11.98 in³

Resistivity: 0.00 ohm.m

Salinity: 8800.00 ppm

Filter Cake: 0.20 inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

ft

bbl

psig

Oil API:

deg API

Water Salinity:

39000 ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
750.00	SW w/o specs Rw .33 ohms@39 deg	8.881
495.00	SOCW 4%o 96%w	6.944
370.00	GOCMW 5%g 17%o 7%m 71%w	5.190
370.00	GOCMW 23%G 20%O 15%M 42%W	5.190
310.00	GOCMW 20%G 20%O 20%M 40%W	4.348
205.00	OCCMW 32%O 26%M 42%W	2.876
0.00	50 ft.of GIP	0.000

Total Length: 2500.00 ft

Total Volume: 33.429 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #: none

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time

