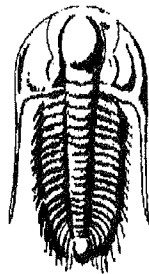


9-8s-21w

15-065-23493-00-00 ✓

KG S



**TRILOBITE  
TESTING, INC.**

**DRILL STEM TEST REPORT**

Prepared For: **Venture Resources**

PO Box 101234  
Denver, Co.80250

ATTN: Greg Mackey

**9-8s-21w Graham KS**

**Rice Trust #1**

Start Date: 2008.11.01 @ 09:06:38

End Date: 2008.11.01 @ 16:37:08

Job Ticket #: 34291                      DST #: 1

RECEIVED  
APR 27 2009  
KCC WICHITA

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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

Venture Resources

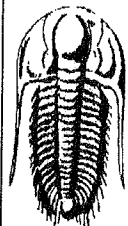
Rice Trust #1

9-8s-21w Graham KS

DST # 1

Topeka

2008.11.01



**TRILOBITE  
TESTING, INC**

## DRILL STEM TEST REPORT

Venture Resources

PO Box 101234  
Denver, Co. 80250

ATTN: Greg Mackey

**Rice Trust #1**

**9-8s-21w Graham KS**

Job Ticket: 34291

**DST#: 1**

Test Start: 2008.11.01 @ 09:06:38

### GENERAL INFORMATION:

Formation: **Topeka**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 10:54:38

Time Test Ended: 16:37:08

Test Type: Conventional Bottom Hole

Tester: Jason McLemore

Unit No: 32

Interval: **3122.00 ft (KB) To 3136.00 ft (KB) (TVD)**

Total Depth: 3136.00 ft (KB) (TVD)

Hole Diameter: 7.80 inches Hole Condition: Good

Reference Elevations: 2020.00 ft (KB)

2012.00 ft (CF)

KB to GR/CF: 8.00 ft

**Serial #: 6755**

**Inside**

Press@RunDepth: 188.16 psig @ 3124.00 ft (KB)

Start Date: 2008.11.01

End Date:

2008.11.01

Start Time: 09:06:40

End Time:

16:37:08

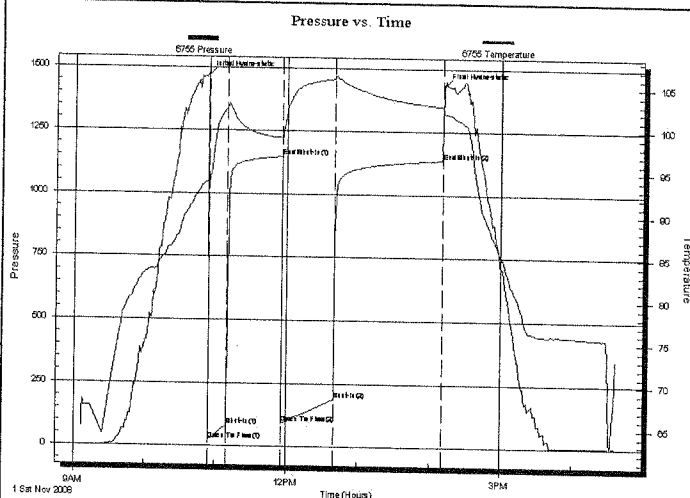
Capacity: 7000.00 psig

Last Calib.: 2008.11.01

Time On Btm: 2008.11.01 @ 10:54:08

Time Off Btm: 2008.11.01 @ 14:11:38

**TEST COMMENT:** IFF-Good Blow ,BOB in 13 Min.  
ISI-Dead for 25 Min., Blow back Built to 1/8"  
FFP-Good Blow ,BOB in 15 Min.  
FSI-Blow back Built to 1"



### PRESSURE SUMMARY

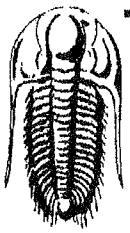
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1468.67	93.98	Initial Hydro-static
1	24.55	93.53	Open To Flow (1)
16	80.28	102.48	Shut-In(1)
62	1147.70	99.04	End Shut-In(1)
62	90.92	98.35	Open To Flow (2)
106	188.16	105.99	Shut-In(2)
196	1135.28	102.80	End Shut-In(2)
198	1430.08	102.21	Final Hydro-static

### Recovery

Length (ft)	Description	Volume (bbl)
10.00	Free Oil	0.05
360.00	Muddy Water-95%W-5%M	4.04

### Gas Rates

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



**TRILOBITE  
TESTING, INC**

## DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Venture Resources

**Rice Trust #1**

PO Box 101234  
Denver, Co.80250

**9-8s-21w Graham KS**

Job Ticket: 34291      **DST#: 1**

ATTN: Greg Mackey

Test Start: 2008.11.01 @ 09:06:38

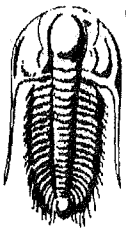
### Tool Information

Drill Pipe:	Length: 2998.00 ft	Diameter: 3.80 inches	Volume: 42.05 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 121.00 ft	Diameter: 2.25 inches	Volume: 0.60 bbl	Weight to Pull Loose: 60000.00 lb
			<u>Total Volume: 42.65 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	28.00 ft			String Weight: Initial 46000.00 lb
Depth to Top Packer:	3122.00 ft			Final 51000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	14.00 ft			
Tool Length:	45.00 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			3092.00	
Shut In Tool	5.00			3097.00	
Sampler	3.00			3100.00	
Hydraulic tool	5.00			3105.00	
Jars	5.00			3110.00	
Safety Joint	2.00			3112.00	
Packer	5.00			3117.00	31.00      Bottom Of Top Packer
Packer	5.00			3122.00	
Stubb	1.00			3123.00	
Perforations	1.00			3124.00	
Recorder	0.00	8360	Inside	3124.00	
Recorder	0.00	6755	Inside	3124.00	
Perforations	9.00			3133.00	
Bullnose	3.00			3136.00	14.00      Bottom Packers & Anchor

**Total Tool Length: 45.00**



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Venture Resources

**Rice Trust #1**

PO Box 101234  
Denver, Co.80250

**9-8s-21w Graham KS**

ATTN: Greg Mackey

Job Ticket: 34291

**DST#: 1**

Test Start: 2008.11.01 @ 09:06:38

## Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 50.00 sec/qt

Water Loss: 7.18 in<sup>3</sup>

Resistivity: ohm.m

Salinity: 900.00 ppm

Filter Cake: inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API: 23 deg API

Water Salinity: 63000 ppm

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	Free Oil	0.049
360.00	Muddy Water-95%W-5%M	4.039

Total Length: 370.00 ft      Total Volume: 4.088 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

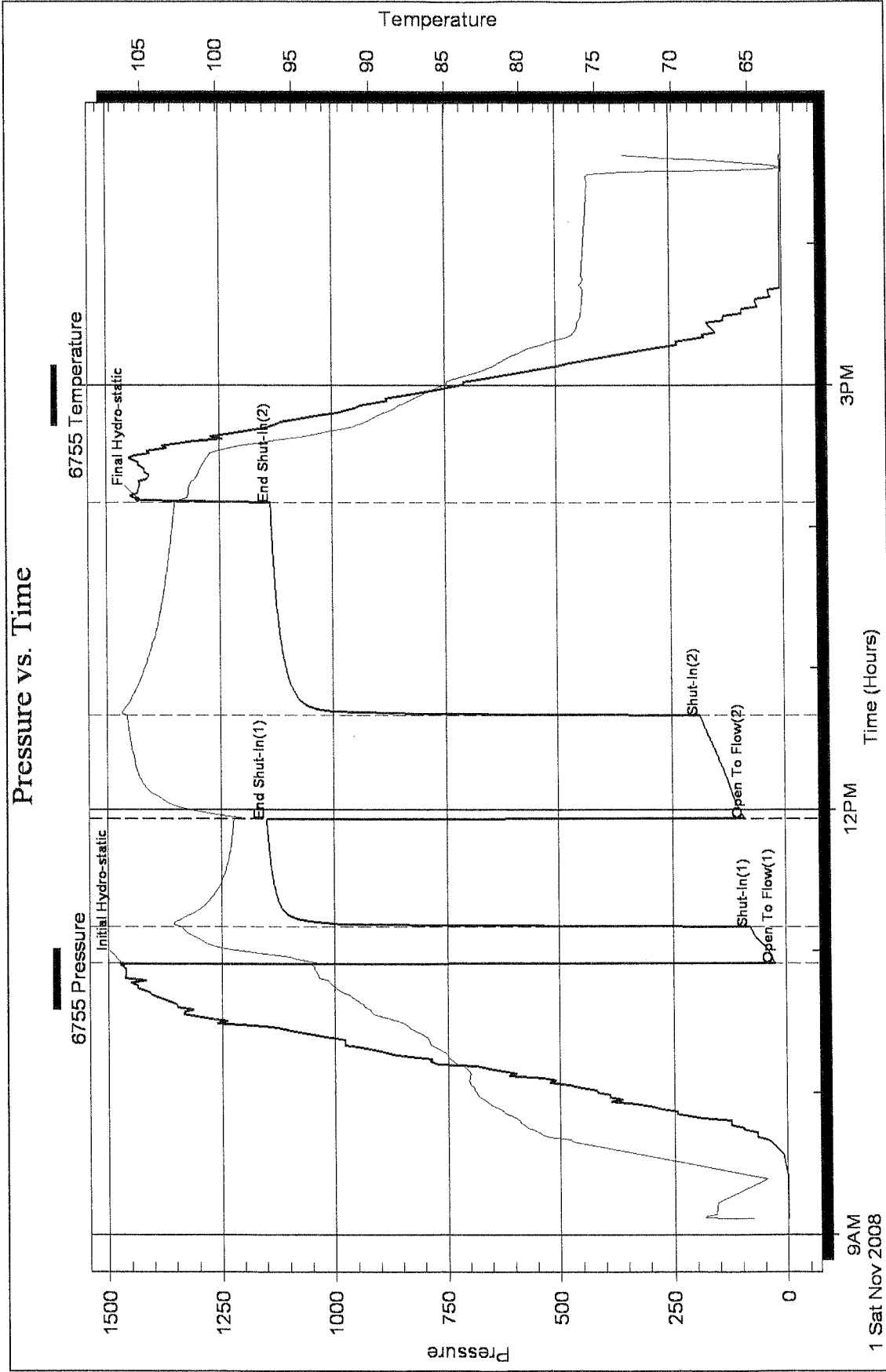
Serial #:

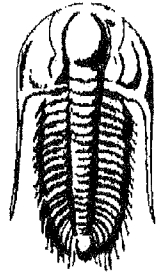
Laboratory Name:

Laboratory Location:

Recovery Comments: 360# in Sampler,4000ML total,500ML Oil

RW .089@ 86F= 63000ppm





**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

Prepared For: **Venture Resources**

PO Box 101234  
Denver, Co. 80250

ATTN: Greg Mackey

**9-8s-21w Graham KS**

**Rice Trust #1**

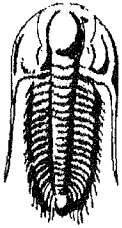
Start Date: 2008.11.02 @ 02:48:45

End Date: 2008.11.02 @ 10:41:15

Job Ticket #: 34292                      DST #: 2

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

RECEIVED  
APR 27 2009  
KCC WICHITA



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

Venture Resources

**Rice Trust #1**

PO Box 101234  
Denver, Co.80250

**9-8s-21w Graham KS**

ATTN: Greg Mackey

Job Ticket: 34292

**DST#: 2**

Test Start: 2008.11.02 @ 02:48:45

## GENERAL INFORMATION:

Formation: **LKC-"B-C"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 04:26:45

Time Test Ended: 10:41:15

Test Type: Conventional Bottom Hole

Tester: Jason McLemore

Unit No: 32

**Interval: 3240.00 ft (KB) To 3275.00 ft (KB) (TVD)**

Total Depth: 3275.00 ft (KB) (TVD)

Hole Diameter: 7.80 inches Hole Condition: Good

Reference Elevations: 2020.00 ft (KB)

2012.00 ft (CF)

KB to GR/CF: 8.00 ft

## Serial #: 6755

Inside

Press@RunDepth: 111.06 psig @ 3242.00 ft (KB)

Start Date: 2008.11.02 End Date: 2008.11.02

Start Time: 02:48:47 End Time: 10:41:15

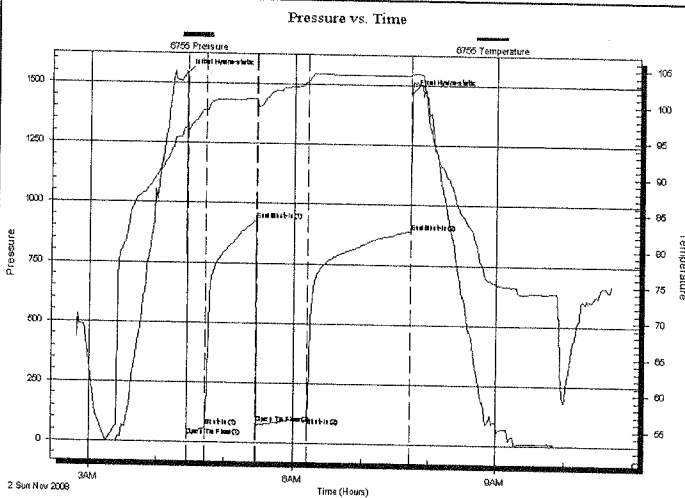
Capacity: 7000.00 psig

Last Calib.: 2008.11.02

Time On Btm: 2008.11.02 @ 04:26:15

Time Off Btm: 2008.11.02 @ 07:43:45

**TEST COMMENT:** IFP-Good Blow ,BOB in 13 Min.  
ISI-Blow back Built to 1"  
FFP-Good Blow ,BOB in 10 Min.  
FSI-Blow back Built to



## PRESSURE SUMMARY

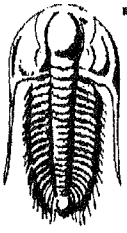
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1542.20	96.76	Initial Hydro-static
1	25.20	96.18	Open To Flow (1)
17	62.82	98.96	Shut-In(1)
61	928.75	100.63	End Shut-In(1)
61	80.95	100.16	Open To Flow (2)
105	111.06	103.10	Shut-In(2)
197	891.18	104.09	End Shut-In(2)
198	1467.19	104.35	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
120.00	HOCM-35%O-65%M	0.59
30.00	MCO-85%O-15%M	0.41
105.00	Free Oil	1.47

## Gas Rates

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



**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Venture Resources

**Rice Trust #1**

PO Box 101234  
Denver, Co. 80250

**9-8s-21w Graham KS**

Job Ticket: 34292      **DST#: 2**

ATTN: Greg Mackey

Test Start: 2008.11.02 @ 02:48:45

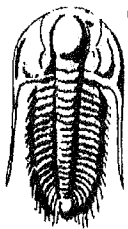
### Tool Information

Drill Pipe:	Length: 3091.00 ft	Diameter: 3.80 inches	Volume: 43.36 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 121.00 ft	Diameter: 2.25 inches	Volume: 0.60 bbl	Weight to Pull Loose: 52000.00 lb
			<b>Total Volume: 43.96 bbl</b>	Tool Chased 0.00 ft
Drill Pipe Above KB:	3.00 ft			String Weight: Initial 50000.00 lb
Depth to Top Packer:	3240.00 ft			Final 51000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	35.00 ft			
Tool Length:	66.00 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			3210.00	
Shut In Tool	5.00			3215.00	
Sampler	3.00			3218.00	
Hydraulic tool	5.00			3223.00	
Jars	5.00			3228.00	
Safety Joint	2.00			3230.00	
Packer	5.00			3235.00	31.00      Bottom Of Top Packer
Packer	5.00			3240.00	
Stubb	1.00			3241.00	
Perforations	1.00			3242.00	
Recorder	0.00	8360	Inside	3242.00	
Recorder	0.00	6755	Inside	3242.00	
Perforations	30.00			3272.00	
Bullnose	3.00			3275.00	35.00      Bottom Packers & Anchor

**Total Tool Length: 66.00**



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Venture Resources

**Rice Trust #1**

PO Box 101234  
Denver, Co. 80250

**9-8s-21w Graham KS**

ATTN: Greg Mackey

Job Ticket: 34292

**DST#: 2**

Test Start: 2008.11.02 @ 02:48:45

## Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

30 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 50.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.18 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 900.00 ppm

Filter Cake: inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
120.00	HOCM-35%O-65%M	0.590
30.00	MCO-85%O-15%M	0.412
105.00	Free Oil	1.473

Total Length: 255.00 ft      Total Volume: 2.475 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

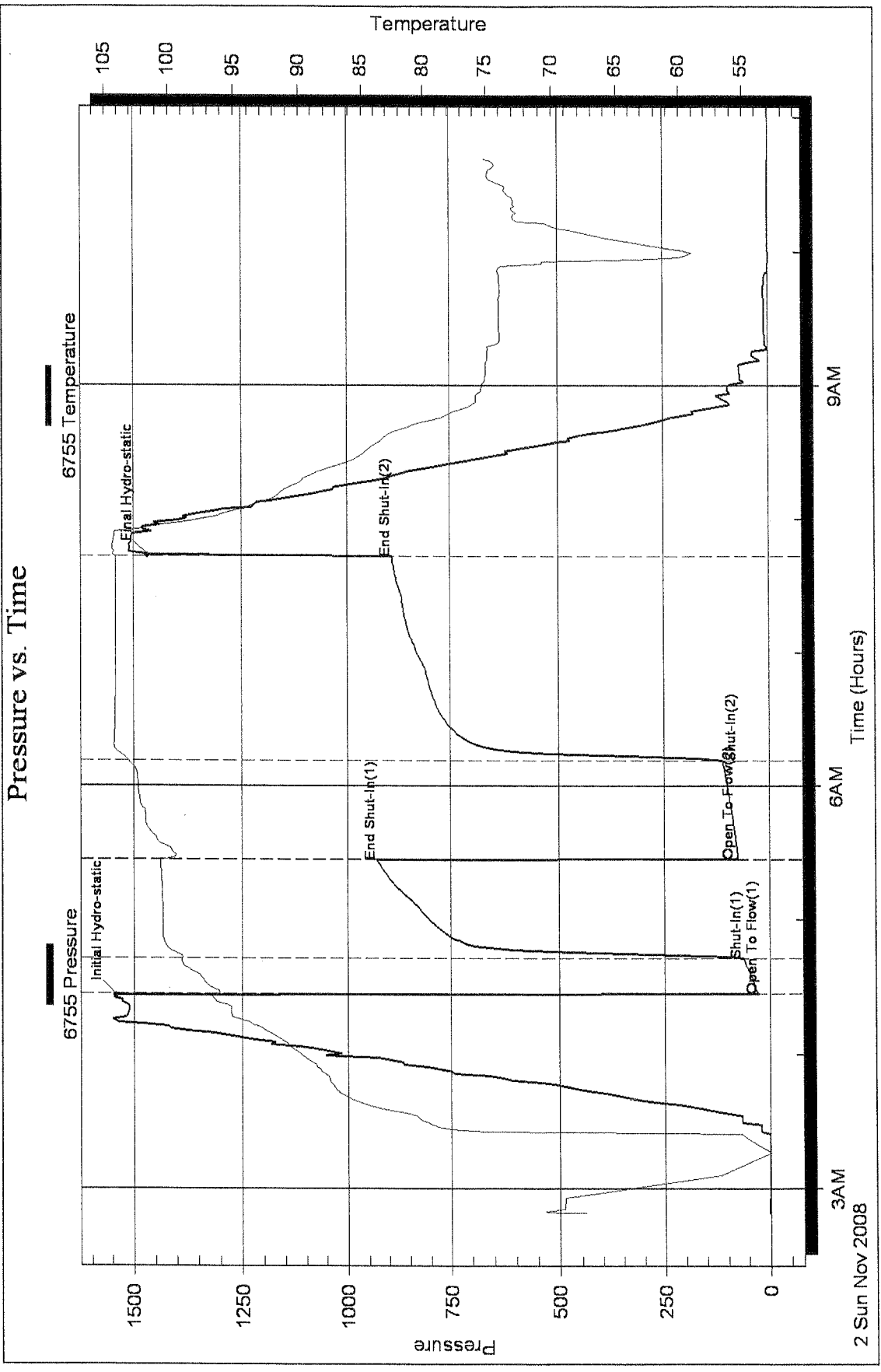
Serial #:

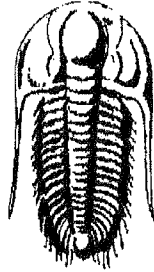
Laboratory Name:

Laboratory Location:

Recovery Comments: Sampler-250#-1000MLG-1500MLO-1500MLM

### Pressure vs. Time





**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

Prepared For: **Venture Resources**

PO Box 101234  
Denver, Co. 80250

ATTN: Greg Mackey

**9-8s-21w Graham KS**

**Rice Trust #1**

Start Date: 2008.11.02 @ 16:32:59

End Date: 2008.11.03 @ 01:27:59

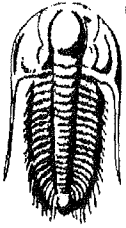
Job Ticket #: 34293                      DST #: 3

RECEIVED

APR 27 2009

KCC WICHITA

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



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

Venture Resources

**Rice Trust #1**

PO Box 101234  
Denver, Co. 80250

**9-8s-21w Graham KS**

ATTN: Greg Mackey

Job Ticket: 34293

**DST#: 3**

Test Start: 2008.11.02 @ 16:32:59

## GENERAL INFORMATION:

Formation: **LKC-"E-F"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 18:00:59

Time Test Ended: 01:27:59

Test Type: Conventional Bottom Hole

Tester: Jason McLemore

Unit No: 32

**Interval: 3282.00 ft (KB) To 3302.00 ft (KB) (TVD)**

Total Depth: 3302.00 ft (KB) (TVD)

Hole Diameter: 7.80 inches Hole Condition: Good

Reference Elevations: 2020.00 ft (KB)

2012.00 ft (CF)

KB to GR/CF: 8.00 ft

**Serial #: 6755** Inside

Press@RunDepth: 119.11 psig @ 3284.00 ft (KB)

Start Date: 2008.11.02

End Date: 2008.11.03

Capacity: 7000.00 psig

Start Time: 16:33:01

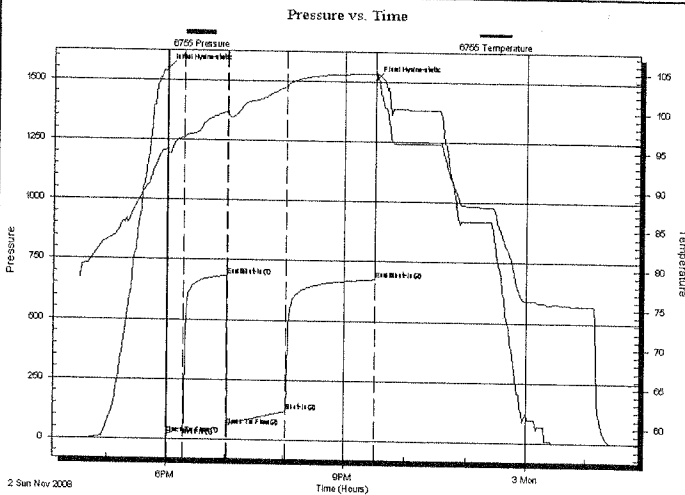
End Time: 01:27:59

Last Calib.: 2008.11.03

Time On Btm: 2008.11.02 @ 18:00:29

Time Off Btm: 2008.11.02 @ 21:30:59

**TEST COMMENT:** IFP-Weak Blow ,Built to 8"  
ISI-Dead  
FFP-Fair Blow ,BOB in 24 Mn.  
FSI-Blow back Built to 3/4"



## PRESSURE SUMMARY

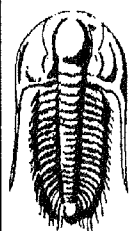
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1548.64	95.03	Initial Hydro-static
1	18.99	94.47	Open To Flow (1)
17	49.30	96.45	Shut-In(1)
61	684.64	99.72	End Shut-In(1)
62	55.65	99.38	Open To Flow (2)
121	119.11	103.07	Shut-In(2)
210	673.97	104.76	End Shut-In(2)
211	1505.68	105.25	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
120.00	MW W/Oil Scum-90%W-10%M	0.59
65.00	GOCM-10%G-10%O-80%M	0.90
50.00	Free Oil	0.70

## Gas Rates

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



**TRILOBITE  
TESTING, INC**

## DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Venture Resources

**Rice Trust #1**

PO Box 101234  
Denver, Co.80250

**9-8s-21w Graham KS**

Job Ticket: 34293

**DST#: 3**

ATTN: Greg Mackey

Test Start: 2008.11.02 @ 16:32:59

### Tool Information

Drill Pipe:	Length: 3153.00 ft	Diameter: 3.80 inches	Volume: 44.23 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 121.00 ft	Diameter: 2.25 inches	Volume: 0.60 bbl	Weight to Pull Loose: 54000.00 lb
			<u>Total Volume: 44.83 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	23.00 ft			String Weight: Initial 51000.00 lb
Depth to Top Packer:	3282.00 ft			Final 52000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	20.00 ft			
Tool Length:	51.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

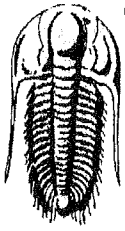
Tool Comments:

### 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			3252.00	
Shut In Tool	5.00			3257.00	
Sampler	3.00			3260.00	
Hydraulic tool	5.00			3265.00	
Jars	5.00			3270.00	
Safety Joint	2.00			3272.00	
Packer	5.00			3277.00	31.00 Bottom Of Top Packer
Packer	5.00			3282.00	
Stubb	1.00			3283.00	
Perforations	1.00			3284.00	
Recorder	0.00	8360	Inside	3284.00	
Recorder	0.00	6755	Inside	3284.00	
Perforations	15.00			3299.00	
Bullnose	3.00			3302.00	20.00 Bottom Packers & Anchor

**Total Tool Length: 51.00**



**TRILOBITE**  
TESTING, INC

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Venture Resources

**Rice Trust #1**

PO Box 101234  
Denver, Co.80250

**9-8s-21w Graham KS**

Job Ticket: 34293

**DST#: 3**

ATTN: Greg Mackey

Test Start: 2008.11.02 @ 16:32:59

## Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 50.00 sec/qt

Water Loss: 7.18 in<sup>3</sup>

Resistivity: ohm.m

Salinity: 900.00 ppm

Filter Cake: inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API:

34 deg API

Water Salinity: 37000 ppm

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
120.00	MW W/Oil Scum-90%W-10%M	0.590
65.00	GOCM-10%G-10%O-80%M	0.903
50.00	Free Oil	0.701

Total Length: 235.00 ft      Total Volume: 2.194 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW .210@58F = 37000ppm

### Pressure vs. Time

