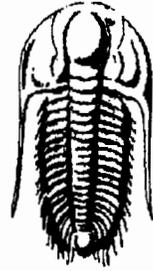


35-30s-10w



**TRILOBITE  
TESTING, INC.**

**DRILL STEM TEST REPORT**

Prepared For: **R&B Oil & Gas**

PO Box 195  
Attica KS 67009

**ORIGINAL**

ATTN: Tim Pierce

**35-30-10 Kingman**

**Henning #1**

Start Date: 2004.12.29 @ 20:10:35

End Date: 2004.12.30 @ 03:31:05

Job Ticket #: 19959      DST #: 1

15-095-21933

SW NW SW

1650 FSL 330 FWL

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

R&B Oil & Gas

Henning #1

35-30-10 Kingman

DST # 1

Lansing "A"

2004.12.29



**TRILOBITE  
TESTING, INC**

## DRILL STEM TEST REPORT

R&B Oil & Gas

**Henning #1**

PO Box 195  
Attica KS 67009

**35-30-10 Kingman**

Job Ticket: 19959

**DST#: 1**

ATTN: Tim Pierce

Test Start: 2004.12.29 @ 20:10:35

**GENERAL INFORMATION:**

Formation: **Lansing "A"**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 22:49:05  
 Time Test Ended: 03:31:05

Test Type: Conventional Bottom Hole  
 Tester: Steve Clark  
 Unit No: 19

Interval: **3732.00 ft (KB) To 3755.00 ft (KB) (TVD)**  
 Total Depth: **3755.00 ft (KB) (TVD)**  
 Hole Diameter: **7.83 inches** Hole Condition: Fair

Reference Elevations: **1688.00 ft (KB)**  
**1680.00 ft (CF)**  
 KB to GR/CF: **8.00 ft**

**Serial #: 6667**

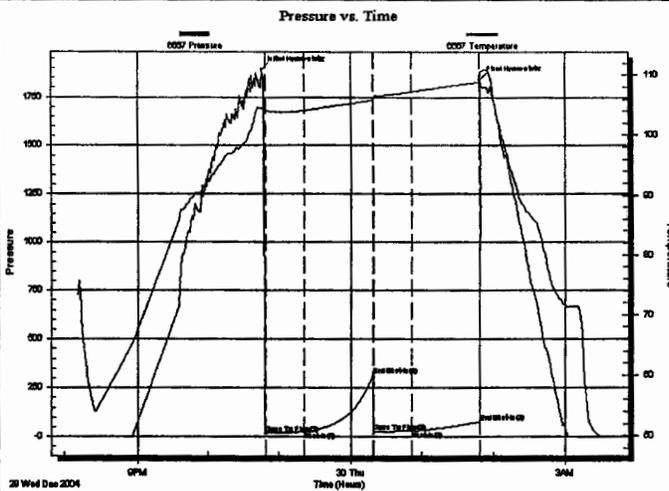
**Inside**

Press@RunDepth: **28.35 psig @ 3733.00 ft (KB)**  
 Start Date: **2004.12.29** End Date: **2004.12.30**  
 Start Time: **20:10:45** End Time: **03:31:05**

Capacity: **7000.00 psig**  
 Last Calib.: **2004.12.30**  
 Time On Btm: **2004.12.29 @ 22:46:05**  
 Time Off Btm: **2004.12.30 @ 01:49:05**

**TEST COMMENT:** IF-Wk blw ,1/2" 30 min.  
 ISI-After bleed off, no blw .  
 FF-Wk blw ,1/4" 30 min.  
 FSI-After bleed off, no blw .

ORIGINAL



**PRESSURE SUMMARY**

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1890.66	104.40	Initial Hydro-static
3	16.81	104.19	Open To Flow (1)
35	23.42	104.03	Shut-In(1)
93	315.57	105.82	End Shut-In(1)
94	27.17	106.47	Open To Flow (2)
125	28.35	107.21	Shut-In(2)
183	75.39	108.80	End Shut-In(2)
183	1841.00	110.37	Final Hydro-static

**Recovery**

Length (ft)	Description	Volume (bbl)
30.00	SOCM-1%oil,99%mud	0.15

**Gas Rates**

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

 <b>TRILOBITE TESTING, INC.</b>	<b>DRILL STEM TEST REPORT</b>		<b>TOOL DIAGRAM</b>
	R&B Oil & Gas	<b>Henning #1</b>	
	PO Box 195 Attica KS 67009	<b>35-30-10 Kingman</b>	
ATTN: Tim Pierce	Job Ticket: 19959	DST#: 1	
	Test Start: 2004.12.29 @ 20:10:35		

**Tool Information**

Drill Pipe:	Length: 3747.00 ft	Diameter: 3.80 inches	Volume: 52.56 bbl	Tool Weight: 2500.00 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: 62.00 ft	Diameter: 2.25 inches	Volume: 0.30 bbl	Weight to Pull Loose: 80000.00 lb
		Total Volume: 52.86 bbl		Tool Chased 0.00 ft
Drill Pipe Above KB:	98.00 ft			String Weight: Initial 63000.00 lb
Depth to Top Packer:	3732.00 ft			Final 63000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	23.00 ft			
Tool Length:	44.00 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			3712.00	
Shut In Tool	5.00			3717.00	
Hydraulic tool	5.00			3722.00	
Packer	5.00			3727.00	21.00      Bottom Of Top Packer
Packer	5.00			3732.00	
Perforations	1.00			3733.00	
Recorder	0.00	6667	Inside	3733.00	
Perforations	19.00			3752.00	
Recorder	0.00	11019	Outside	3752.00	
Bullnose	3.00			3755.00	23.00      Bottom Packers & Anchor
<b>Total Tool Length:</b>	<b>44.00</b>				



**TRILOBITE  
TESTING, INC**

**DRILL STEM TEST REPORT**

**FLUID SUMMARY**

R&B Oil & Gas

**Henning #1**

PO Box 195  
Attica KS 67009

**35-30-10 Kingman**

Job Ticket: 19959

**DST#: 1**

ATTN: Tim Pierce

Test Start: 2004.12.29 @ 20:10:35

**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: 42.00 sec/qt	Cushion Volume: bbl		
Water Loss: 11.96 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 5500.00 ppm			
Filter Cake: inches			

**Recovery Information**

Recovery Table

Length ft	Description	Volume bbl
30.00	SOCM-1%oil,99%mud	0.148

Total Length: 30.00 ft      Total Volume: 0.148 bbl

Num Fluid Samples: 0

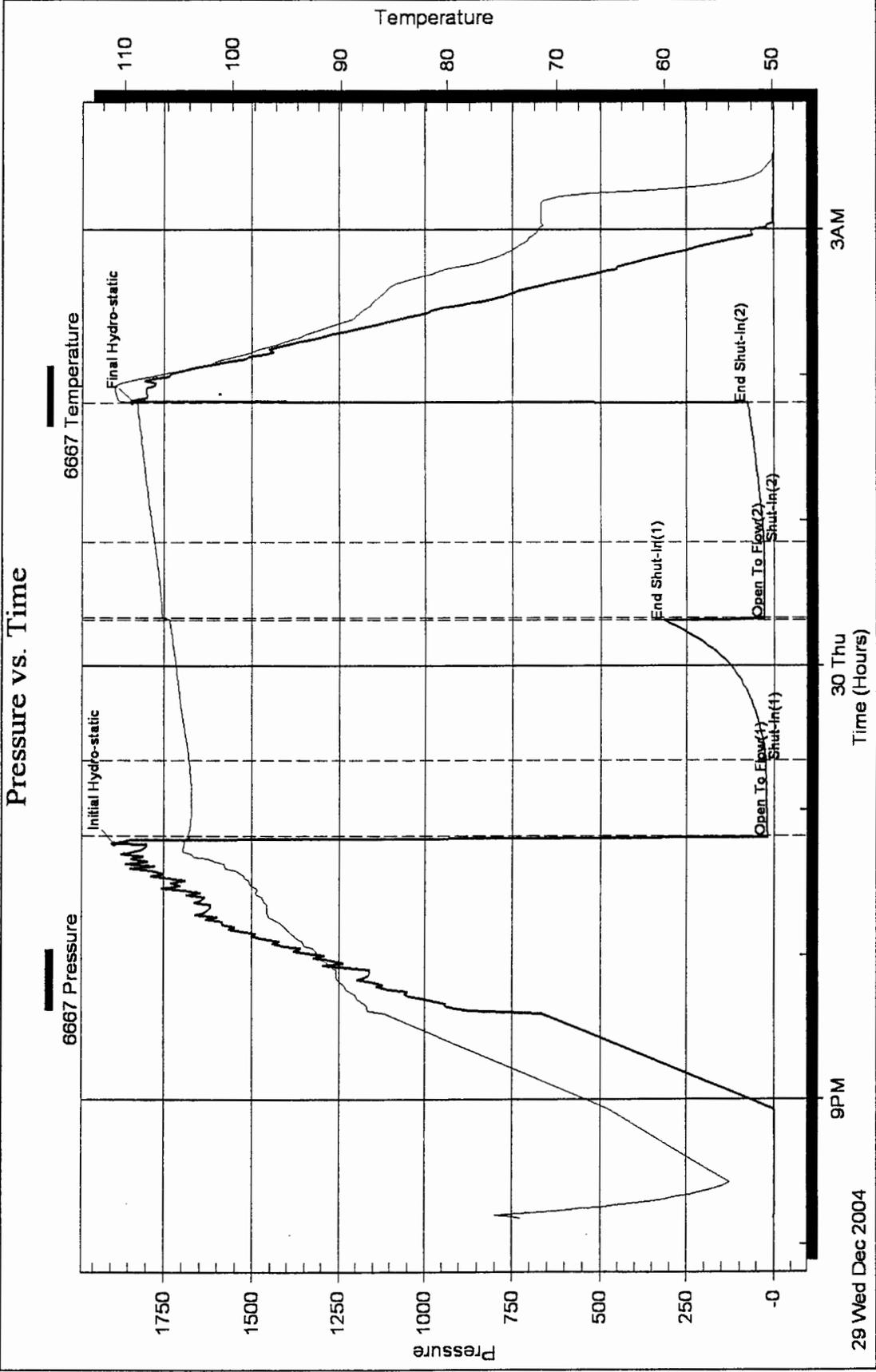
Num Gas Bombs: 0

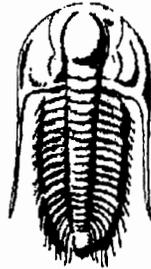
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





**TRILOBITE**  
**TESTING, INC.**

## DRILL STEM TEST REPORT

Prepared For: **R&B Oil & Gas**

PO Box 195  
Attica KS 67009

ATTN: Tim Pierce

**35-30-10 Kingman**

**Henning #1**

Start Date: 2004.12.31 @ 19:31:02

End Date: 2005.01.01 @ 03:19:32

Job Ticket #: 19960                      DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

R&B Oil & Gas

Henning #1

35-30-10 Kingman

DST # 2

Mississippi

2004.12.31



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

R&B Oil & Gas  
PO Box 195  
Attica KS 67009  
ATTN: Tim Pierce

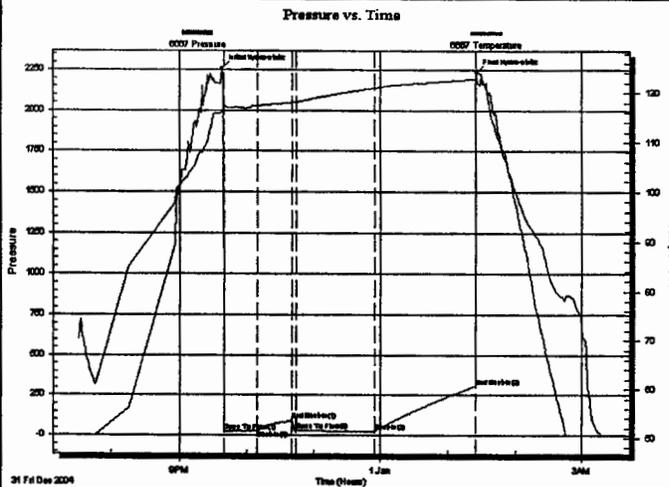
**Henning #1**  
**35-30-10 Kingman**  
Job Ticket: 19960      **DST#: 2**  
Test Start: 2004.12.31 @ 19:31:02

## GENERAL INFORMATION:

Formation: **Mississippi**  
Deviated: **No Whipstock**      ft (KB)  
Time Tool Opened: 21:40:17  
Time Test Ended: 03:19:32  
Test Type: **Conventional Bottom Hole**  
Tester: **Steve Clark**  
Unit No: **19**  
Interval: **4396.00 ft (KB) To 4415.00 ft (KB) (TVD)**  
Reference Elevations: **1688.00 ft (KB)**  
Total Depth: **4415.00 ft (KB) (TVD)**  
**1680.00 ft (CF)**  
Hole Diameter: **7.83 inches** Hole Condition: **Fair**  
KB to GR/CF: **8.00 ft**

**Serial #: 6667      Inside**  
Press@RunDepth: **26.49 psig @ 4397.00 ft (KB)**      Capacity: **7000.00 psig**  
Start Date: **2004.12.31**      End Date: **2005.01.01**      Last Calib.: **2005.01.01**  
Start Time: **19:31:12**      End Time: **03:19:32**      Time On Btm: **2004.12.31 @ 21:38:02**  
Time Off Btm: **2005.01.01 @ 01:24:32**

**TEST COMMENT:** F-Strg blw ,b.o.b. 1 min,no gts.  
IS-After bleed off,no blw .  
FF-Vk blw incr. to 71/4" 45 min.  
IS- After bleed off, no blw .



## PRESSURE SUMMARY

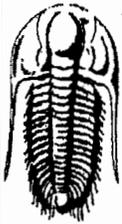
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2257.73	116.01	Initial Hydro-static
3	26.61	116.88	Open To Flow (1)
32	27.94	117.35	Shut-In(1)
63	92.79	118.02	End Shut-In(1)
66	27.35	118.14	Open To Flow (2)
137	26.49	120.99	Shut-In(2)
226	307.41	122.82	End Shut-In(2)
227	2230.37	124.89	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
30.00	Drilling mud	0.15

## Gas Rates

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



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

R&B Oil & Gas

**Henning #1**

PO Box 195  
Attica KS 67009

**35-30-10 Kingman**

Job Ticket: 19960

**DST#: 2**

ATTN: Tim Pierce

Test Start: 2004.12.31 @ 19:31:02

## Tool Information

Drill Pipe:	Length: 4338.00 ft	Diameter: 3.80 inches	Volume: 60.85 bbl	Tool Weight: 2500.00 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: 62.00 ft	Diameter: 2.25 inches	Volume: 0.30 bbl	Weight to Pull Loose: 80000.00 lb
			<u>Total Volume: 61.15 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	25.00 ft			String Weight: Initial 69000.00 lb
Depth to Top Packer:	4396.00 ft			Final 70000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	19.00 ft			
Tool Length:	40.00 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			4376.00	
Shut In Tool	5.00			4381.00	
Hydraulic tool	5.00			4386.00	
Packer	5.00			4391.00	21.00 Bottom Of Top Packer
Packer	5.00			4396.00	
Perforations	1.00			4397.00	
Recorder	0.00	6667	Inside	4397.00	
Perforations	15.00			4412.00	
Recorder	0.00	11019	Outside	4412.00	
Bullnose	3.00			4415.00	19.00 Bottom Packers & Anchor
<b>Total Tool Length:</b>	<b>40.00</b>				



**TRILOBITE  
TESTING, INC**

**DRILL STEM TEST REPORT**

**FLUID SUMMARY**

R&B Oil & Gas

**Henning #1**

PO Box 195  
Attica KS 67009

**35-30-10 Kingman**

Job Ticket: 19960

**DST#: 2**

ATTN: Tim Fierce

Test Start: 2004.12.31 @ 19:31:02

**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: 42.00 sec/qt	Cushion Volume: bbl		
Water Loss: 12.78 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 4000.00 ppm			
Filter Cake: inches			

**Recovery Information**

Recovery Table

Length ft	Description	Volume bbl
30.00	Drilling mud	0.148

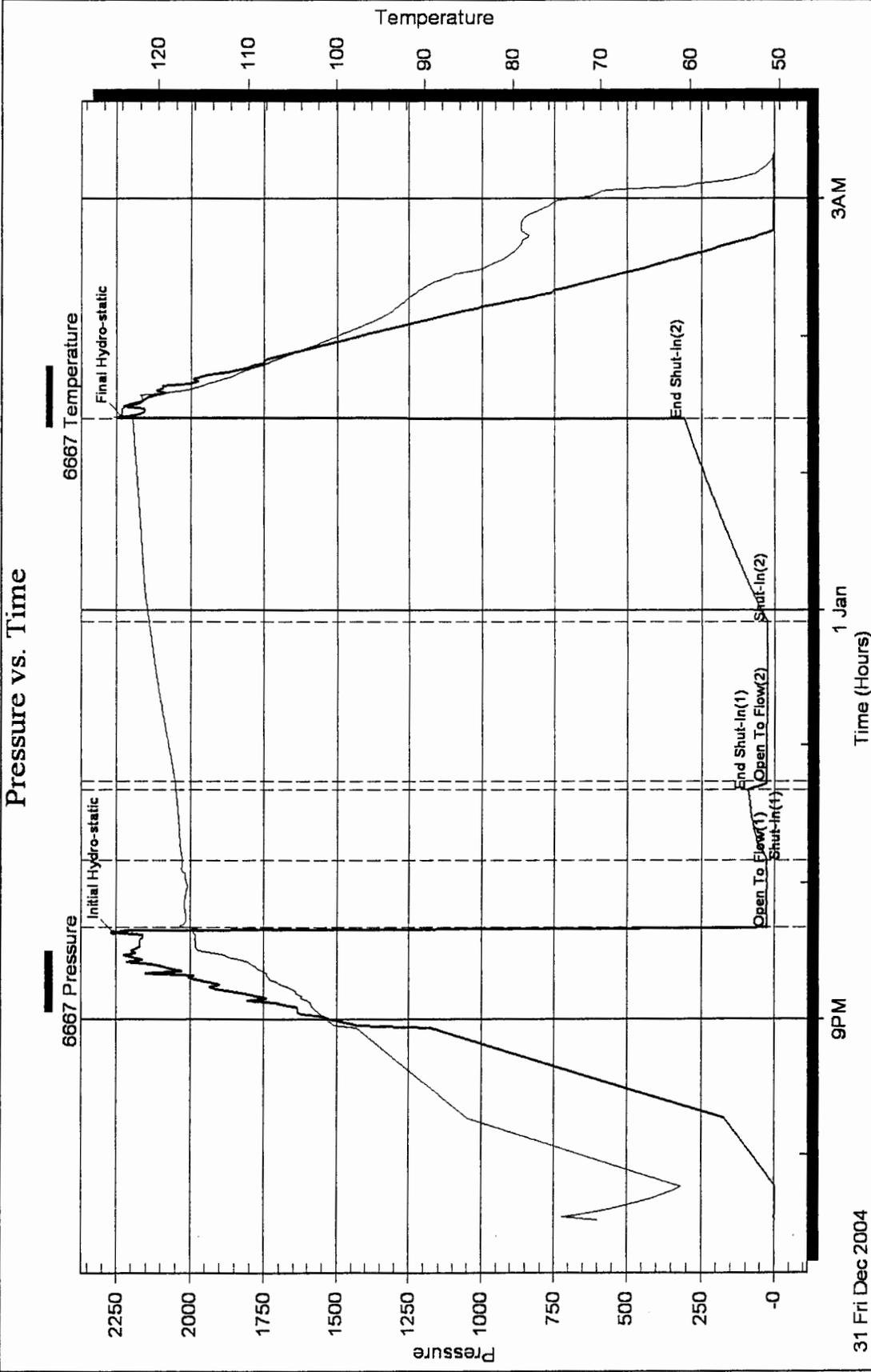
Total Length: 30.00 ft      Total Volume: 0.148 bbl

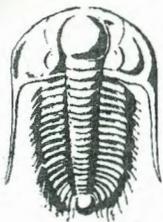
Num Fluid Samples: 0      Num Gas Borbs: 0      Serial #:

Laboratory Name:      Laboratory Location:

Recovery Comments: 370'-GIP.

### Pressure vs. Time





# TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

INV 7076

No 19959

05/03

## Test Ticket

Well Name & No. Henning #1 Test No. #1 Date 12-29-04  
 Company B & B Oil & Gas Zone Tested Lansing "A"  
 Address P.O. Box 195 Attica KS. 67009 Elevation 1688 KB 1680 GL  
 Co. Rep / Geo. Tim Pierce Cont. Duke #2 Est. Ft. of Pay \_\_\_\_\_ Por. \_\_\_\_\_ %  
 Location: Sec. 35 Twp. 30 Rge. 10 Co. Kingman State KS  
 No. of Copies Reg Distribution Sheet (Y, N) \_\_\_\_\_ Turnkey (Y, N) \_\_\_\_\_ Evaluation (Y, N) \_\_\_\_\_

Interval Tested 3732-3745 Initial Str Wt./Lbs. 63,000 Unseated Str Wt./Lbs. 63,000  
 Anchor Length 23' Wt. Set Lbs. 2500 Wt. Pulled Loose/Lbs. 80,000  
 Top Packer Depth 3727 Tool Weight 2500  
 Bottom Packer Depth 3732 Hole Size 7 7/8" Rubber Size 6 3/4"  
 Total Depth 3745 Wt. Pipe Run 7 Drill Collar Run 62  
 Mud Wt. 9.4 LCM 0 Vis. 42 WL 12.0 Drill Pipe Size 4 1/2 XH Ft. Run 3747

Blow Description IF - Wk. blow, 1/2" 30 min, no gts.  
ISI - After bleed off, no blow.  
FF - Wk. blow, 1/4" 30 min, no gts.  
FSE - After bleed off, no blow.

Recovery - Total Feet 30 GIP \_\_\_\_\_ Ft. in DC \_\_\_\_\_ Ft. in DP \_\_\_\_\_  
 Rec. 30 Feet of SOCH %gas 1 %oil \_\_\_\_\_ %water 99 %mud \_\_\_\_\_  
 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 \_\_\_\_\_  
 BHT 108 °F Gravity \_\_\_\_\_ °API D @ \_\_\_\_\_ °F Corrected Gravity \_\_\_\_\_ °API  
 RW \_\_\_\_\_ @ \_\_\_\_\_ °F Chlorides \_\_\_\_\_ ppm Recovery \_\_\_\_\_ Chlorides 5500 ppm System

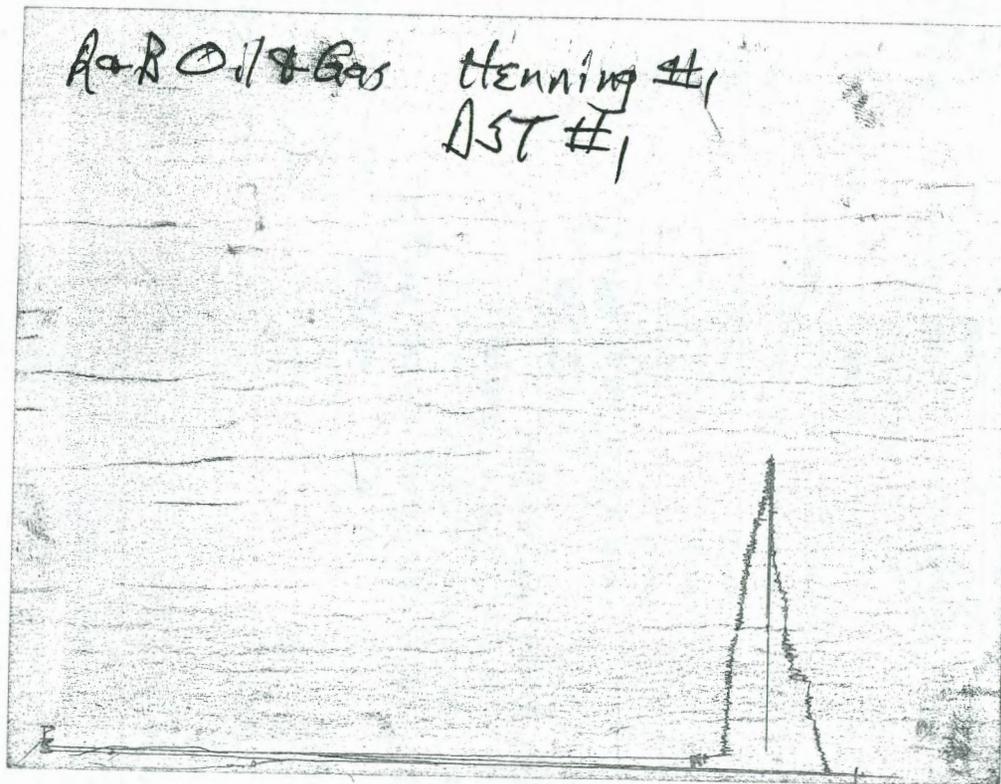
AK-1	Alpine		
(A) Initial Hydrostatic Mud <u>1891</u>	PSI	Recorder No. <u>6667</u>	Test <u>#1</u>
(B) First Initial Flow Pressure <u>17</u>	PSI	(depth) <u>3733</u>	Elec. Rec. <u>-</u>
(C) First Final Flow Pressure <u>23</u>	PSI	Recorder No. <u>11019</u>	Jars _____
(D) Initial Shut-In Pressure <u>316</u>	PSI	(depth) <u>3752</u>	Safety Jt. _____
(E) Second Initial Flow Pressure <u>27</u>	PSI	Recorder No. _____	Circ Sub <u>- N/C</u>
(F) Second Final Flow Pressure <u>28</u>	PSI	(depth) _____	Sampler _____
(G) Final Shut-In Pressure <u>75</u>	PSI	Initial Opening <u>30</u>	Straddle _____
(Q) Final Hydrostatic Mud <u>1841</u>	PSI	Initial Shut-In <u>60</u>	Ext. Packer _____
		Final Flow <u>30</u>	Shale Packer _____
		Final Shut-In <u>60</u>	Mileage <u>40</u>
		T-On Location <u>19:15</u>	Sub Total: <u>940</u>
		T-Started <u>20:00</u>	Std. By <u>[Signature]</u>
		T-Open <u>22:50</u>	Other _____
		T-Pulled <u>1:50</u>	Total: _____
		T-Out <u>3:30</u>	

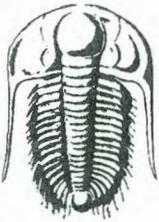
TRILOBITE TESTING INC. SHALL NOT BE LIABLE FOR DAMAGED OF ANY KIND OF THE PROPERTY OR PERSONNEL OF THE ONE FOR WHOM A TEST IS MADE, OR FOR ANY LOSS SUFFERED OR SUSTAINED, DIRECTLY OR INDIRECTLY, THROUGH THE USE OF ITS EQUIPMENT, OR ITS STATEMENTS OR OPINION CONCERNING THE RESULTS OF ANY TEST. TOOLS LOST OR DAMAGED IN THE HOLE SHALL BE PAID FOR AT COST BY THE PARTY FOR WHOM THE TEST IS MADE.

Approved By Tim Pierce  
 Our Representative Steve Clark Thank You!

### CHART PAGE

This is a photocopy of the actual AK-1 recorder chart





# TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

No 19960

05/03

## Test Ticket

Well Name & No. Henning #1 Test No. # 2 Date 12-31-01  
 Company B & B Oil & Gas Zone Tested Mississippi  
 Address P.O. Box 195 Attica KS 67009 Elevation 1688 KB 1680 GL  
 Co. Rep / Geo. Tim Pierce Cont. Duke # 2 Est. Ft. of Pay \_\_\_\_\_ Por. \_\_\_\_\_ %  
 Location: Sec. 35 Twp. 30 Rge. 10 Co. Kingman State KS  
 No. of Copies req Distribution Sheet (Y, N) - Turnkey (Y, N) - Evaluation (Y, N) -

Interval Tested 4396-4415 Initial Str Wt./Lbs. 69,000 Unseated Str Wt./Lbs. 70,000  
 Anchor Length 19 Wt. Set Lbs. 25,000 Wt. Pulled Loose/Lbs. 90,000  
 Top Packer Depth 4391 Tool Weight 2,500  
 Bottom Packer Depth 4396 Hole Size 7 7/8" Rubber Size 6 3/4"  
 Total Depth 4415 Wt. Pipe Run \_\_\_\_\_ Drill Collar Run 62  
 Mud Wt. 9.5 LCM 2 Vis. 41 WL 12.8 Drill Pipe Size 4 1/2 X 4 Ft. Run 4338

Blow Description IF - Strg. blw, bub. 1 min, no gas  
ISI - After bleed off, no blw.  
FF - wk blw incr. to 7 1/4" - 45 min.  
FII - After bleed off, no blw.

Recovery - Total Feet 30 GIP 370 Ft. in DC \_\_\_\_\_ Ft. in DP 370  
 Rec. 30 Feet of Drilling mud %gas \_\_\_\_\_ %oil \_\_\_\_\_ %water 100 %mud \_\_\_\_\_  
 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 \_\_\_\_\_  
 BHT 122 °F Gravity \_\_\_\_\_ °API D @ \_\_\_\_\_ °F Corrected Gravity \_\_\_\_\_ °API  
 RW \_\_\_\_\_ @ \_\_\_\_\_ °F Chlorides \_\_\_\_\_ ppm Recovery \_\_\_\_\_ Chlorides 4000 ppm System

	AK-1	Alpine	Recorder No.	Test #
(A) Initial Hydrostatic Mud	<u>2258</u>	PSI	<u>6667</u>	<u>#2</u>
(B) First Initial Flow Pressure	<u>27</u>	PSI	(depth) <u>4397</u>	Elec. Rec. <u>-</u>
(C) First Final Flow Pressure	<u>28</u>	PSI	Recorder No. <u>11019</u>	Jars _____
(D) Initial Shut-In Pressure	<u>93</u>	PSI	(depth) <u>4412</u>	Safety Jt. _____
(E) Second Initial Flow Pressure	<u>27</u>	PSI	Recorder No. _____	Circ Sub <u>N/C</u>
(F) Second Final Flow Pressure	<u>26</u>	PSI	(depth) _____	Sampler _____
(G) Final Shut-In Pressure	<u>307</u>	PSI	<b>Initial Opening</b> <u>90</u>	Straddle _____
(Q) Final Hydrostatic Mud	<u>2230</u>	PSI	Initial Shut-In <u>60</u>	Ext. Packer _____
			Final Flow <u>45</u>	Shale Packer _____
			Final Shut-In <u>90</u>	Mileage <u>40</u>
			<b>T-On Location</b> <u>19:00</u>	Sub Total: <u>\$1090</u>
			T-Started <u>19:30</u>	Std. By _____
			T-Open <u>21:40</u>	Other _____
			T-Pulled <u>1:25</u>	Total: _____
			T-Out <u>3:15</u>	

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.

Approved By Tim Pierce  
 Our Representative Stone Clark Thank you!

**CHART PAGE**

This is a photocopy of the actual AK-1 recorder chart

