

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

## DRILL STEM TEST REPORT

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

PO Box 195  
Attica KS 67009

ATTN: Tim Pierce  
*14 28 SW*

**13 28 6W Kingman KS**

**Henry #1**

Start Date: 2007.09.30 @ 19:57:15

End Date: 2007.10.01 @ 00:41:45

Job Ticket #: 26933                      DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

R & B Oil & Gas

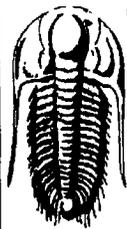
Henry #1

13 28 6W Kingman KS

DST # 1

Miss.

2007.09.30



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

R & B Oil & Gas

**Henry #1**

PO Box 195  
Attica KS 67009

**13 28 6W Kingman KS**

ATTN: Tim Pierce

Job Ticket: 26933

**DST#: 1**

Test Start: 2007.09.30 @ 19:57:15

## GENERAL INFORMATION:

Formation: **Miss.**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 22:02:30

Time Test Ended: 00:41:45

Test Type: Conventional Straddle

Tester: Travy Cushenbery

Unit No: 30

Interval: **3774.00 ft (KB) To 3799.00 ft (KB) (TVD)**

Reference Elevations: 1383.00 ft (KB)

Total Depth: 3965.00 ft (KB) (TVD)

1375.00 ft (CF)

Hole Diameter: 7.80 inches Hole Condition: Good

KB to GR/CF: 8.00 ft

**Serial #: 6668** Inside

Press@RunDepth: psig @ 3774.00 ft (KB)

Capacity: 7000.00 psig

Start Date: 2007.09.30

End Date: 2007.10.01

Last Calib.: 2007.10.01

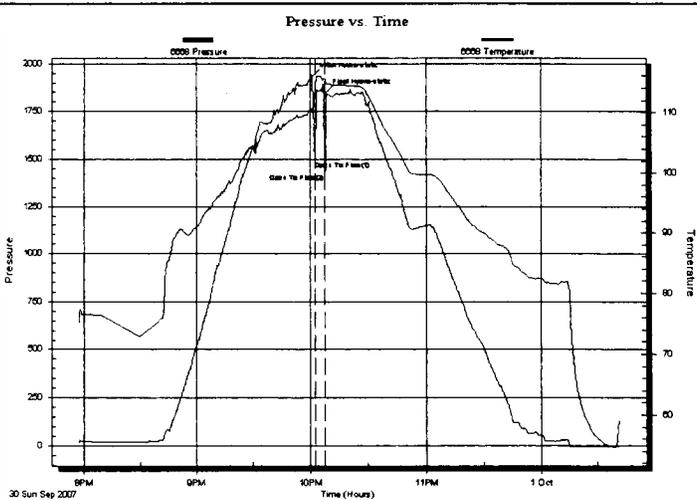
Start Time: 19:57:20

End Time: 00:41:44

Time On Btm: 2007.09.30 @ 22:01:00

Time Off Btm: 2007.09.30 @ 22:08:15

TEST COMMENT: Set 20,000 on packers Packers didn't seat Packer failure



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1934.07	110.60	Initial Hydro-static
2	1447.06	114.26	Open To Flow (1)
7	1426.21	115.41	Open To Flow (2)
8	1848.35	115.20	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)

## Gas Rates

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



**TRILOBITE  
TESTING, INC**

## DRILL STEM TEST REPORT

**TOOL DIAGRAM**

R & B Oil & Gas

**Henry #1**

PO Box 195  
Attica KS 67009

**13 28 6W Kingman KS**

Job Ticket: 26933

**DST#: 1**

ATTN: Tim Pierce

Test Start: 2007.09.30 @ 19:57:15

### Tool Information

Drill Pipe:	Length: 3775.00 ft	Diameter: 3.80 inches	Volume: 52.95 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: 20000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 60000.00 lb
		<b>Total Volume:</b>	<b>52.95 bbl</b>	Tool Chased 0.00 ft
Drill Pipe Above KB:	21.00 ft			String Weight: Initial 50000.00 lb
Depth to Top Packer:	3774.00 ft			Final 52000.00 lb
Depth to Bottom Packer:	3796.00 ft			
Interval between Packers:	22.00 ft			
Tool Length:	214.00 ft			
Number of Packers:	3	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			3759.00	
Hydraulic tool	5.00			3764.00	
Packer	5.00			3769.00	20.00 Bottom Of Top Packer
Packer	5.00			3774.00	
Recorder	0.00	6668	Inside	3774.00	
Perforations	21.00			3795.00	
Recorder	0.00	13363	Outside	3795.00	
Blank Off Sub	1.00			3796.00	22.00 Tool Interval
Packer	3.00			3799.00	
Stubb	2.00			3801.00	
Change Over Sub	1.00			3802.00	
Drill Pipe	158.00			3960.00	
Change Over Sub	1.00			3961.00	
Perforations	4.00			3965.00	
Recorder	0.00	13266	Outside	3965.00	
Bullnose	3.00			3968.00	172.00 Bottom Packers & Anchor
<b>Total Tool Length:</b>	<b>214.00</b>				



**TRILOBITE TESTING, INC**

# DRILL STEM TEST REPORT

## FLUID SUMMARY

R & B Oil & Gas

**Henry #1**

PO Box 195  
Attica KS 67009

**13 28 6W Kingman KS**

Job Ticket: 26933

**DST#: 1**

ATTN: Tim Pierce

Test Start: 2007.09.30 @ 19:57:15

### 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: 46.00 sec/qt	Cushion Volume: bbl		
Water Loss: 11.99 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 4600.00 ppm			
Filter Cake: 0.20 inches			

### Recovery Information

Recovery Table

Length ft	Description	Volume bbl

Total Length:                      ft      Total Volume:                      bbl

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

Laboratory Name:                      Laboratory Location:

Recovery Comments:

Serial #: 6668

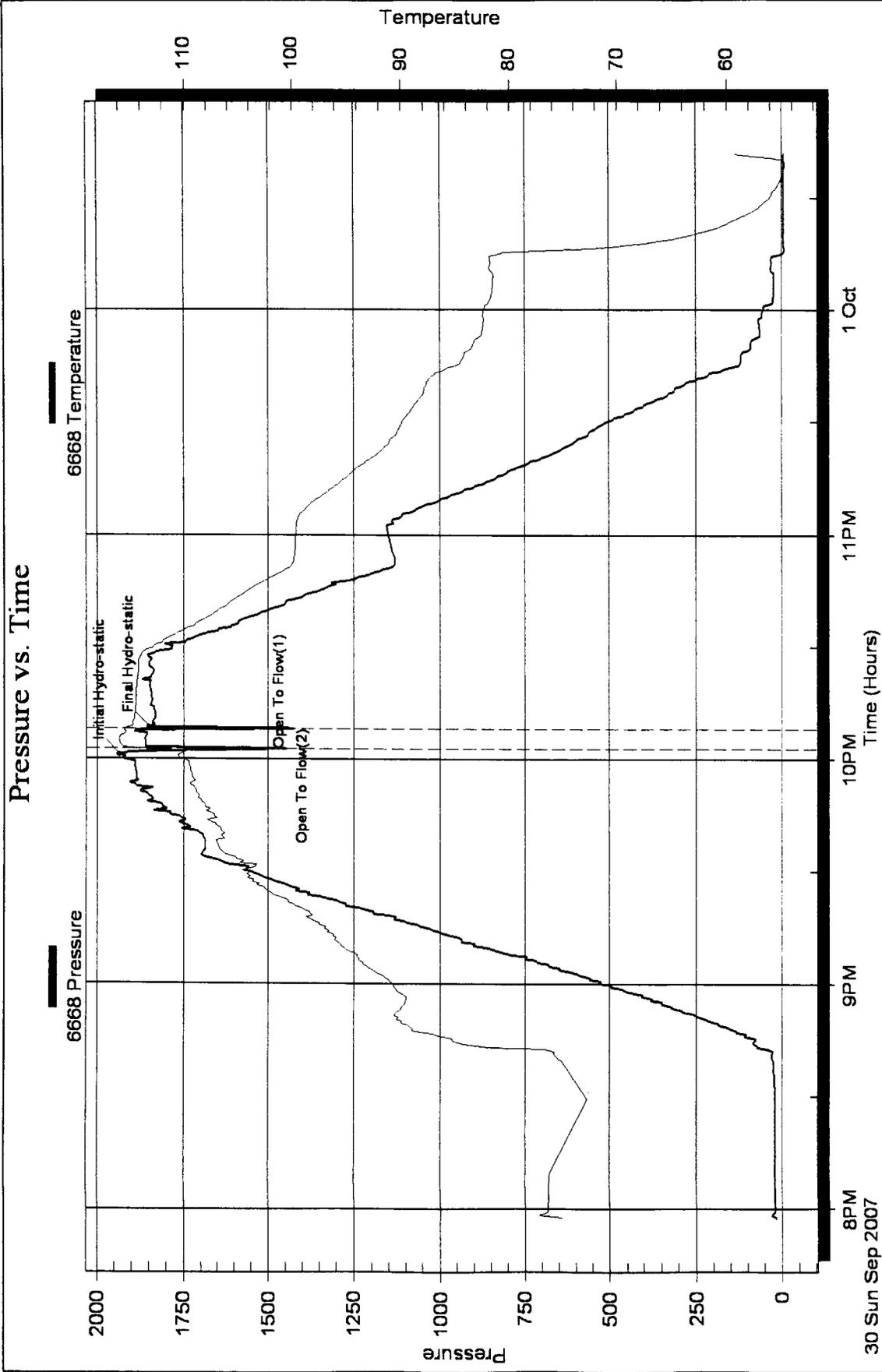
Inside

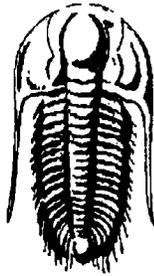
R & B Oil & Gas

13 28 6W Kingman KS

DST Test Number: 1

### Pressure vs. Time





**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

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

PO Box 195  
Attica KS 67009

ATTN: Tim Pierce

**13 28 6W Kingman KS**

**Henry #1**

Start Date: 2007.10.01 @ 01:24:26

End Date: 2007.10.01 @ 10:12:56

Job Ticket #: 26934                      DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

R & B Oil & Gas

Henry #1

13 28 6W Kingman KS

DST # 2

miss.

2007.10.01



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

R & B Oil & Gas

**Henry #1**

PO Box 195  
Attica KS 67009

**13 28 6W Kingman KS**

ATTN: Tim Pierce

Job Ticket: 26934

**DST#: 2**

Test Start: 2007.10.01 @ 01:24:26

## GENERAL INFORMATION:

Formation: **miss.**  
 Deviated: **No** Whipstock: **ft (KB)**  
 Time Tool Opened: 04:02:56  
 Time Test Ended: 10:12:56

Test Type: Conventional Straddle  
 Tester: Travy Cushenbery  
 Unit No: 30

Interval: **3610.00 ft (KB) To 3799.00 ft (KB) (TVD)**  
 Total Depth: 3965.00 ft (KB) (TVD)  
 Hole Diameter: 7.80 inches Hole Condition: Good

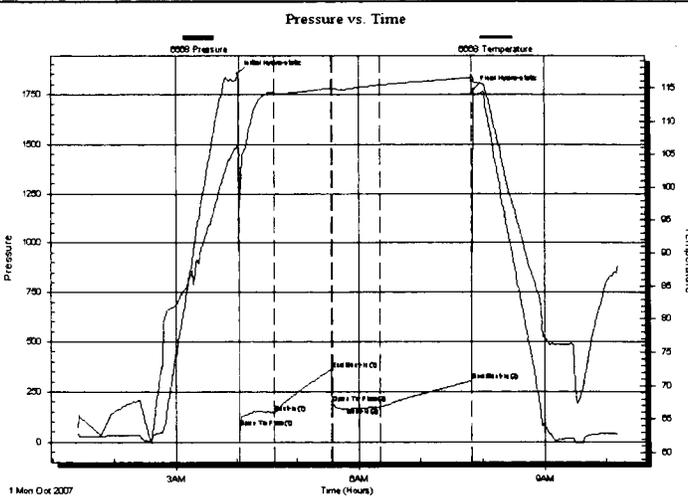
Reference Elevations: 1383.00 ft (KB)  
 1375.00 ft (CF)  
 KB to GR/CF: 8.00 ft

**Serial #: 6668** **Inside**

Press@RunDepth: 174.00 psig @ 3610.00 ft (KB)  
 Start Date: 2007.10.01 End Date: 2007.10.01  
 Start Time: 01:24:31 End Time: 10:12:56

Capacity: 7000.00 psig  
 Last Calib.: 2007.10.01  
 Time On Btm: 2007.10.01 @ 04:01:26  
 Time Off Btm: 2007.10.01 @ 07:51:26

**TEST COMMENT:** IF Fair blow BOB in 5 mins.  
 ISI Bled off No blow back  
 FF Weak blow Building to 7" in 45 mins.  
 FSI Bled off No blow back



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1851.87	106.31	Initial Hydro-static
2	73.61	99.97	Open To Flow (1)
36	144.56	114.18	Shut-In (1)
92	362.36	114.94	End Shut-In (1)
93	193.49	114.63	Open To Flow (2)
139	174.00	115.39	Shut-In (2)
229	304.06	116.44	End Shut-In (2)
230	1772.26	116.02	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
310.00	100%M	4.35

## Gas Rates

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



**TRILOBITE  
TESTING, INC**

**DRILL STEM TEST REPORT**

**TOOL DIAGRAM**

R & B Oil & Gas

**Henry #1**

PO Box 195  
Attica KS 67009

**13 28 6W Kingman KS**

Job Ticket: 26934

**DST#: 2**

ATTN: Tim Pierce

Test Start: 2007.10.01 @ 01:24:26

**Tool Information**

Drill Pipe:	Length: 3619.00 ft	Diameter: 3.80 inches	Volume: 50.77 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:	20000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose:	70000.00 lb
			<b>Total Volume: 50.77 bbl</b>	Tool Chased	0.00 ft
Drill Pipe Above KB:	29.00 ft			String Weight: Initial	52000.00 lb
Depth to Top Packer:	3610.00 ft			Final	56000.00 lb
Depth to Bottom Packer:	3796.00 ft				
Interval between Packers:	186.00 ft				
Tool Length:	378.00 ft				
Number of Packers:	3	Diameter: 6.75 inches			
Tool Comments:					

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Shut In Tool	5.00			3595.00		
Hydraulic tool	5.00			3600.00		
Packer	5.00			3605.00	20.00	Bottom Of Top Packer
Packer	5.00			3610.00		
Recorder	0.00	6668	Inside	3610.00		
Stubb	1.00			3611.00		
Change Over Sub	1.00			3612.00		
Drill Pipe	160.00			3772.00		
Change Over Sub	1.00			3773.00		
Perforations	22.00			3795.00		
Recorder	0.00	13363	Outside	3795.00		
Blank Off Sub	1.00			3796.00	186.00	Tool Interval
Packer	3.00			3799.00		
Stubb	2.00			3801.00		
Change Over Sub	1.00			3802.00		
Drill Pipe	158.00			3960.00		
Change Over Sub	1.00			3961.00		
Perforations	4.00			3965.00		
Recorder	0.00	13266	Outside	3965.00		
Bullnose	3.00			3968.00	172.00	Bottom Packers & Anchor

**Total Tool Length: 378.00**



**TRILOBITE**  
TESTING, INC

## DRILL STEM TEST REPORT

**FLUID SUMMARY**

R & B Oil & Gas

**Henry #1**

PO Box 195  
Attica KS 67009

**13 28 6W Kingman KS**

Job Ticket: 26934      **DST#: 2**

ATTN: Tim Pierce

Test Start: 2007.10.01 @ 01:24:26

### 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: 46.00 sec/qt	Cushion Volume: bbl		
Water Loss: 11.99 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 4600.00 ppm			
Filter Cake: 0.20 inches			

### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
310.00	100%M	4.348

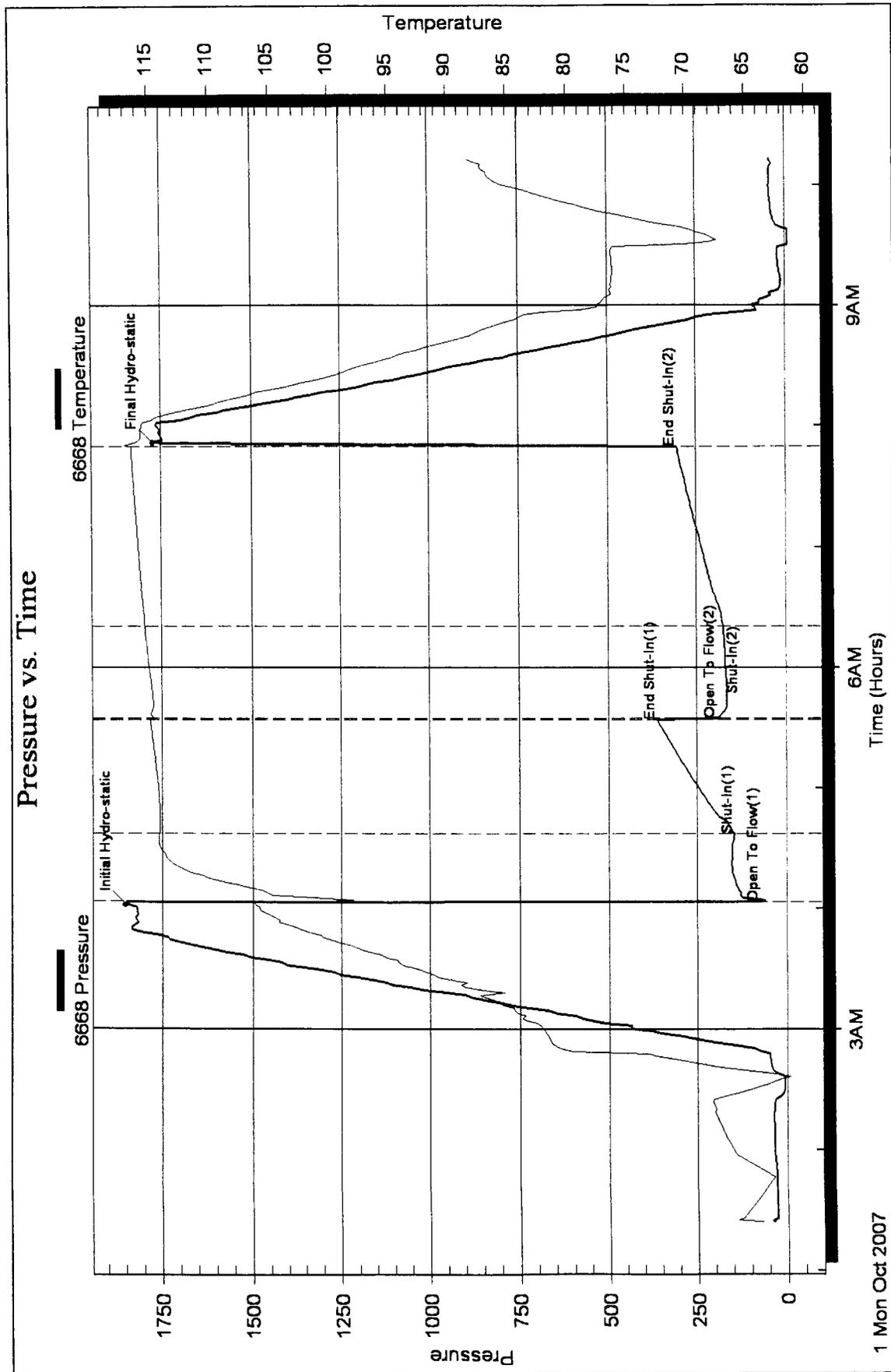
Total Length: 310.00 ft      Total Volume: 4.348 bbl

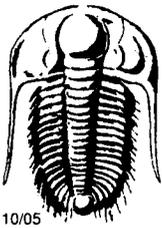
Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:

Laboratory Name:      Laboratory Location:

Recovery Comments:

### Pressure vs. Time





# TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

10/05

10713

RECEIVED  
OCT 5 2007

BY: \_\_\_\_\_

## Test Ticket misrun (Packer Failure)

Well Name & No. NENBY #1 Test No. #1 Date 9-30-07  
 Company R & B Oil & Gas Zone Tested M.S.S.  
 Address P.O. Box 195 Afton, KS 67009 Elevation 1,383' KB 1,375' GL  
 Co. Rep / Geo. Tim Pierce Rig Duke Rig #2  
 Location: Sec. 13 Twp. 28s Rge. 6w Co. Kingman State KS  
 Comment: \_\_\_\_\_ Release date / time: \_\_\_\_\_

Interval Tested 3774' - 3799' Initial Str Wt./Lbs. 50,000 Unseated Str Wt./Lbs. 52,000  
 Anchor Length \_\_\_\_\_ Wt. Set Lbs. 20,000 Wt. Pulled Loose/Lbs. 60,000  
 Top Packer Depth 3769' - 3774' Tool Weight 2,100 lbs.  
 Bottom Packer Depth STRADDLE 3796' Hole Size 7 7/8" Rubber Size 6 3/4"  
 Total Depth \_\_\_\_\_ 3965' Wt. Pipe Run NONE Drill Collar Run NONE  
 Mud Wt. 9.4 LCM TR. Vis. 46 WL 12. Drill Pipe Size 4 1/2 x H Ft. Run 3775'  
 Blow Description Set 20,000 on packers. Packers didn't seat. Packer failure.

Recovery - Total Feet	GIP	Ft. in DC	Ft. in DP
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. _____ Feet of _____	%gas _____ %oil _____ %water _____ %mud _____		
BHT _____ °F Gravity _____	*API D @ _____ °F Corrected Gravity _____	*API _____	
RW _____ @ _____ °F	Chlorides _____ ppm Recovery _____	Chlorides <u>4,600</u> ppm System	

	AK-1	Alpine	Recorder No.	Test
(A) Initial Hydrostatic Mud		<u>1,934</u> PSI	<u>6668</u>	<u>✓ MISRUN</u>
(B) First Initial Flow Pressure		PSI	<u>3774'</u>	Jars
(C) First Final Flow Pressure	<u>Packer</u>	PSI	<del>13363</del> <u>13363</u>	Safety Jt.
(D) Initial Shut-In Pressure	<u>Failure</u>	PSI	<u>3795</u>	Circ Sub
(E) Second Initial Flow Pressure	<u>(Misrun)</u>	PSI	<del>13266</del> <u>13266</u>	Sampler
(F) Second Final Flow Pressure		PSI	<u>3962'</u>	Straddle <u>✓</u>
(G) Final Shut-In Pressure		PSI	<u>mins</u>	Ext. Packer
(Q) Final Hydrostatic Mud	<u>1,848</u>	PSI	<u>mins</u>	Shale Packer

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 Travis Luskentey

Final Flow	<u>mins</u>	Ruined Packer	
Final Shut-In	<u>mins</u>	Mileage <u>165</u> / <u>135</u>	
T-On Location	<u>18:30</u>	Sub Total:	
T-Started	<u>19:57</u>	Std. By	
T-Open	<u>20:00</u>	Acc. Chg:	
T-Pulled	<u>20:</u>	Other:	
T-Out	<u>00:41</u>	Total:	<u>\$ 16,350.00</u>

CHART PAGE

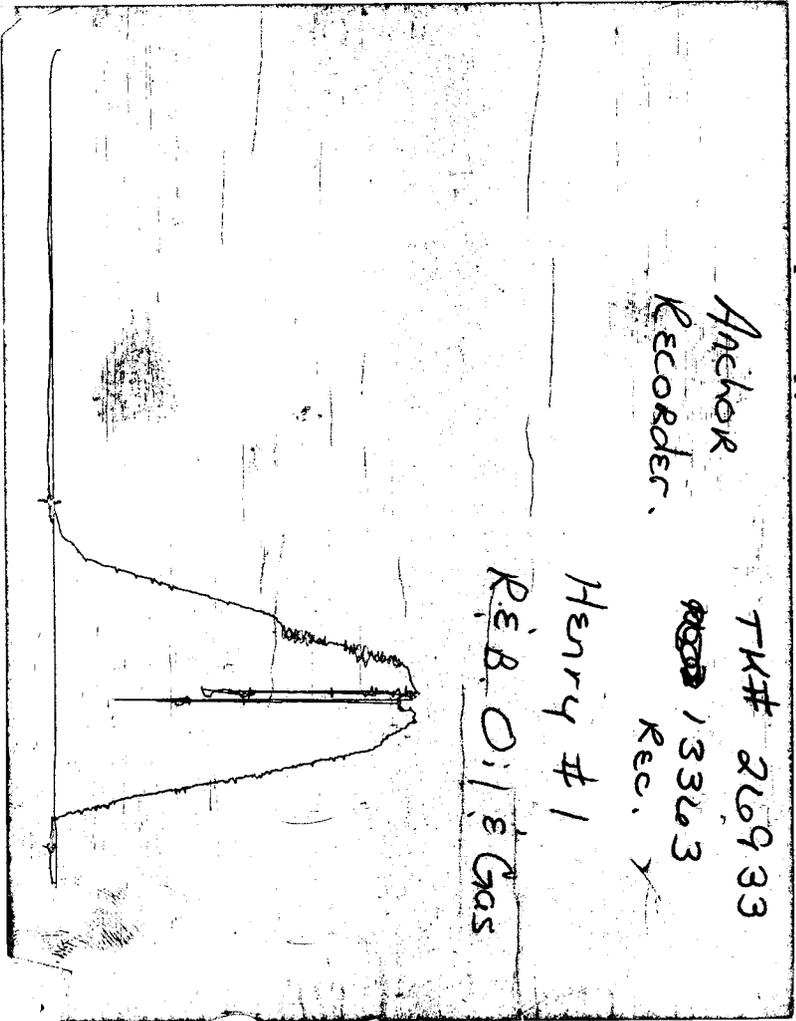
This is a photocopy of the actual AK-1 recorder chart

Anchor  
Recorder.

TR# 20933  
~~13323~~  
Rec. ✓

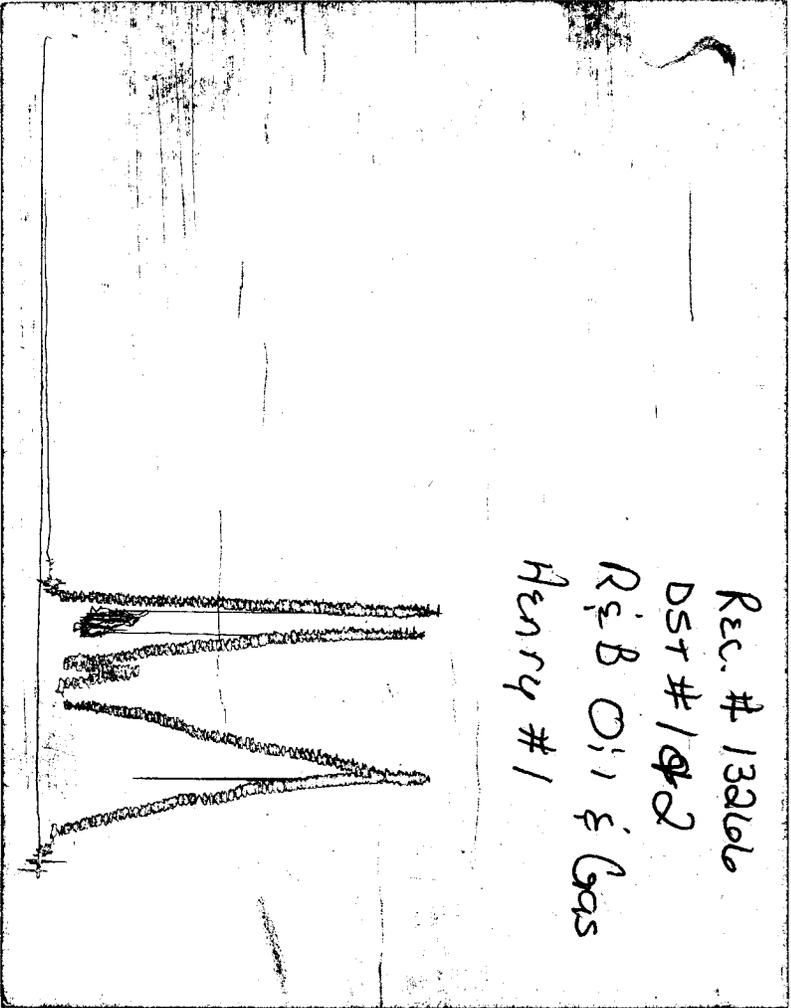
Henry #1

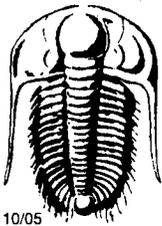
R.E.B. Oil & Gas



**CHART PAGE**

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





# TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

RECEIVED  
OCT 5 2007

BY: \_\_\_\_\_

## Test Ticket

Well Name & No. Henry #1 Test No. #2 Date 10-1-07  
 Company R.B. Oil & Gas Zone Tested Miss.  
 Address P.O. Box 195 AtiCa, KS Elevation 1,383' KB 1,375' GL  
 Co. Rep / Geo. Tim Pierce Rig Duke Rig 2  
 Location: Sec. 13 Twp. 28S Rge. 6W Co. Kingman State KS  
 Comment: \_\_\_\_\_ Release date / time: 10-1-07 @ 10:12 AM

Interval Tested 3610' - 3799' Initial Str Wt./Lbs. 52,000 Unseated Str Wt./Lbs. 56,000  
 Anchor Length \_\_\_\_\_ 189' Wt. Set Lbs. 20,000 Wt. Pulled Loose/Lbs. 70,000  
 Top Packer Depth 3605' - 3610' Tool Weight 2,100 lbs.  
 Bottom Packer Depth STRADOLE 3796' Hole Size 7 7/8" ✓ Rubber Size 6 3/4" ✓  
 Total Depth \_\_\_\_\_ 3965 Wt. Pipe Run NONE Drill Collar Run NONE  
 Mud Wt. 9.4 LCM TR. \_\_\_\_\_ Vis. 46 WL 12 Drill Pipe Size 4 1/2 XH Ft. Run 3619'

Blow Description IF: Fair blow. B.O.B. in 5 mins.  
ISI: Bled off. No blow back.  
FF: Weak blow. Building to 7" in 45 mins.  
FSI: Bled off. No blow back.

Recovery - Total Feet	GIP	Ft. in DC	Ft. in DP
<u>310'</u>	—	—	<u>310'</u>
Rec. <u>310'</u>	Feet of <u>Mud</u>	%gas _____ %oil _____	%water <u>100%</u> %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 <u>116</u>	°F Gravity _____	*API D @ _____	*F Corrected Gravity _____ *API _____
RW _____ @ _____	*F Chlorides _____	ppm Recovery _____	Chlorides <u>4,600</u> ppm System _____

	AK-1	Alpine	Recorder No.	Test
(A) Initial Hydrostatic Mud	<u>1,852</u>	PSI	<u>66668</u>	<u>✓ 1102</u>
(B) First Initial Flow Pressure	<u>74</u>	PSI	<u>3610'</u>	Jars _____
(C) First Final Flow Pressure	<u>145</u>	PSI	<u>13363</u>	Safety Jt. _____
(D) Initial Shut-In Pressure	<u>362</u>	PSI	<u>3795'</u>	Circ Sub _____
(E) Second Initial Flow Pressure	<u>193</u>	PSI	<u>13266</u>	Sampler _____
(F) Second Final Flow Pressure	<u>174</u>	PSI	<u>3962'</u>	Straddle <u>✓ 602</u>
(G) Final Shut-In Pressure	<u>304</u>	PSI	<u>Initial Opening</u>	Ext. Packer _____
(Q) Final Hydrostatic Mud	<u>1,772</u>	PSI	<u>60 mins.</u>	Shale Packer _____
			<u>Final Flow</u>	Ruined Packer <u>135</u>
			<u>Final Shut-In</u>	Mileage <u>✓ 108 miles</u>
			<u>18:30</u>	Sub Total: _____
			<u>01:24</u>	Std. By _____
			<u>04:01</u>	Acc. Chg: _____
			<u>07:46</u>	Other: _____
			<u>10:12</u>	Total: <u>\$1835</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 Travis Lushenbery

CHART PAGE

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

REC. # 13363

TR# 26934

DST # 2

Henry # 1 R & B Oil & Gas

