

**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

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

PO Box 195
Attica KS 67009

ATTN: Tim Pierce

31 32S 10W Barber KS

Vickery B #2

Start Date: 2007.11.04 @ 02:28:48

End Date: 2007.11.04 @ 11:15:37

Job Ticket #: 29374 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

R & B Oil & Gas

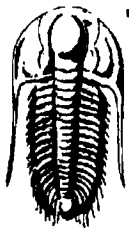
Vickery B #2

31 32S 10W Barber KS

DST # 1

Cherokee Sand

2007.11.04



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

R & B Oil & Gas

Vickery B #2

PO Box 195
Attica KS 67009

31 32S 10W Barber KS

Job Ticket: 29374

DST#: 1

ATTN: Tim Pierce

Test Start: 2007.11.04 @ 02:28:48

GENERAL INFORMATION:

Formation: **Cherokee Sand**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 06:13:58

Time Test Ended: 11:15:37

Test Type: Conventional Bottom Hole

Tester: Leal Cason

Unit No: 24

Interval: **4474.00 ft (KB) To 4500.00 ft (KB) (TVD)**

Reference Elevations: 1537.00 ft (KB)

Total Depth: 4500.00 ft (KB) (TVD)

1529.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 8.00 ft

Serial #: 8166 Inside

Press@RunDepth: 16.78 psig @ 4475.00 ft (KB)

Capacity: 7000.00 psig

Start Date: 2007.11.04

End Date:

2007.11.04

Last Calib.: 2007.11.04

Start Time: 02:28:53

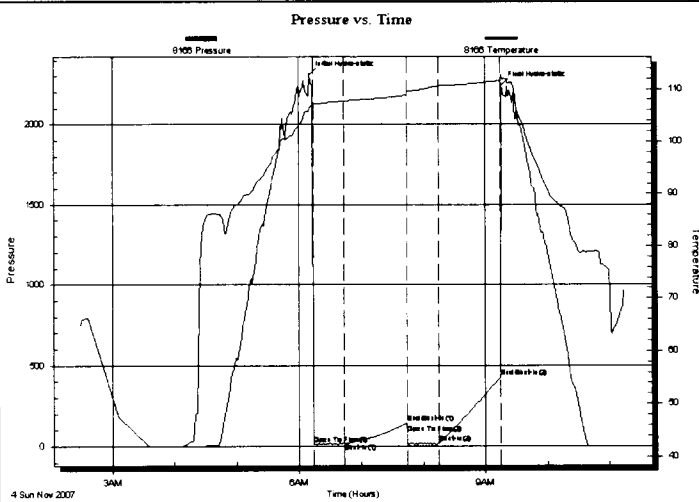
End Time:

11:15:38

Time On Btm: 2007.11.04 @ 06:09:58

Time Off Btm: 2007.11.04 @ 09:15:57

TEST COMMENT: IF Weak Blow 2 1/2 " Died Off To 1/4 "
ISI No Blow
FF Fair Blow 6 1/2 " Died Off To 3 "
ISI No Blow



PRESSURE SUMMARY

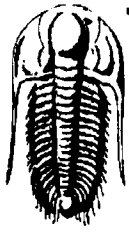
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2309.56	106.19	Initial Hydro-static
4	11.98	106.92	Open To Flow (1)
34	15.81	107.71	Shut-In (1)
95	144.64	108.80	End Shut-In (1)
95	76.09	108.77	Open To Flow (2)
125	16.78	110.56	Shut-In (2)
185	427.00	111.57	End Shut-In (2)
186	2245.17	112.70	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
20.00	DM	0.28

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

R & B Oil & Gas

Vickery B #2

PO Box 195
Attica KS 67009

31 32S 10W Barber KS

Job Ticket: 29374

DST#: 1

ATTN: Tim Pierce

Test Start: 2007.11.04 @ 02:28:48

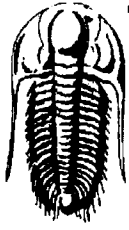
Tool Information

Drill Pipe:	Length: 4474.00 ft	Diameter: 3.80 inches	Volume: 62.76 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: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 60000.00 lb
			<u>Total Volume: 62.76 bbl</u>	Tool Chased ft
Drill Pipe Above KB:	21.00 ft			String Weight: Initial 58000.00 lb
Depth to Top Packer:	4474.00 ft			Final 58000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	26.00 ft			
Tool Length:	47.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Circulating sub	1.00			4454.00	
Change Over Sub	1.00			4455.00	
Shut In Tool	5.00			4460.00	
Hydraulic tool	5.00			4465.00	
Packer	5.00			4470.00	21.00 Bottom Of Top Packer
Packer	4.00			4474.00	
Stubb	1.00			4475.00	
Recorder	0.00	8166	Inside	4475.00	
Recorder	0.00	8356	Outside	4475.00	
Perforations	22.00			4497.00	
Bullnose	3.00			4500.00	26.00 Bottom Packers & Anchor

Total Tool Length: 47.00



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FLUID SUMMARY

R & B Oil & Gas

Vickery B #2

PO Box 195
Attica KS 67009

31 32S 10W Barber KS

Job Ticket: 29374

DST#: 1

ATTN: Tim Pierce

Test Start: 2007.11.04 @ 02:28:48

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 10.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 44.00 sec/qt	Cushion Volume: bbl		
Water Loss: 11.18 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 7000.00 ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
20.00	DM	0.281

Total Length: 20.00 ft Total Volume: 0.281 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments:

Serial #: 8166

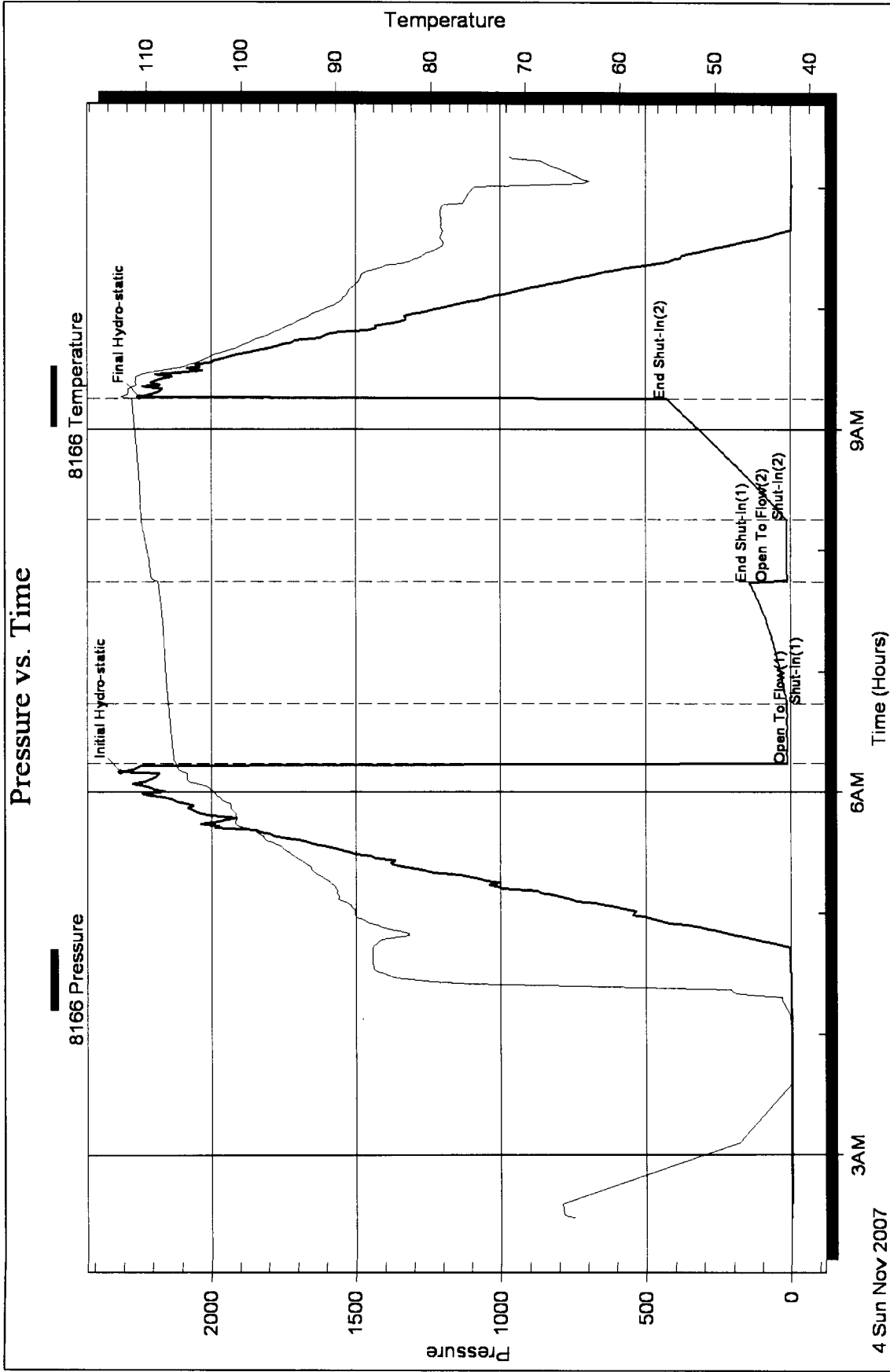
Inside

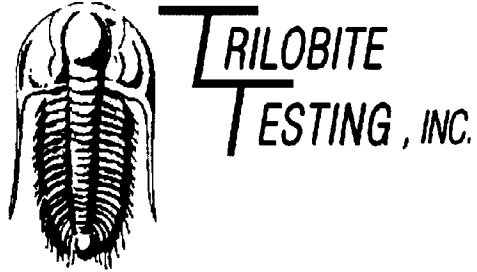
R & B Oil & Gas

31 32S 10W Barber KS

DST Test Number: 1

Pressure vs. Time





DRILL STEM TEST REPORT

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

PO Box 195
Attica KS 67009

ATTN: Tim Pierce

31 32S 10W Barber KS

Vickery B #2

Start Date: 2007.11.05 @ 17:08:17

End Date: 2007.11.05 @ 21:46:07

Job Ticket #: 29375 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

R & B Oil & Gas

Vickery B #2

31 32S 10W Barber KS

DST # 2

Viola

2007.11.05



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

R & B Oil & Gas

Vickery B #2

PO Box 195
Attica KS 67009

31 32S 10W Barber KS

Job Ticket: 29375

DST#: 2

ATTN: Tim Pierce

Test Start: 2007.11.05 @ 17:08:17

GENERAL INFORMATION:

Formation: **Viola**

Deviated: **No** Whipstock: **ft (KB)**

Time Tool Opened: 19:08:17

Time Test Ended: 21:46:07

Test Type: **Conventional Bottom Hole**

Tester: **Leal Cason**

Unit No: **24**

Interval: 4800.00 ft (KB) To 4820.00 ft (KB) (TVD)

Total Depth: **4820.00 ft (KB) (TVD)**

Hole Diameter: **7.88 inches** Hole Condition: **Good**

Reference Elevations: **1537.00 ft (KB)**

1529.00 ft (CF)

KB to GR/CF: **8.00 ft**

Serial #: 8166 **Inside**

Press@RunDepth: **psig @ 4801.00 ft (KB)**

Capacity: **7000.00 psig**

Start Date: **2007.11.05** End Date: **2007.11.05**

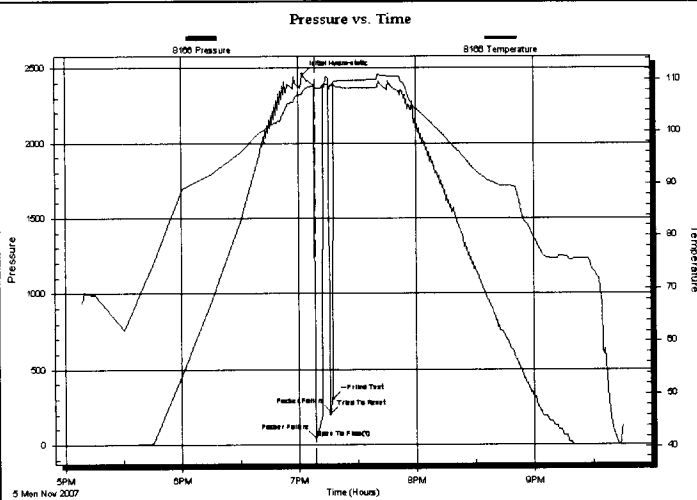
Last Calib.: **2007.11.05**

Start Time: **17:08:22** End Time: **21:46:07**

Time On Btm: **2007.11.05 @ 19:02:27**

Time Off Btm:

TEST COMMENT: **Packer Failure Tried To Reset Packers Failed Again Pulled Test**



PRESSURE SUMMARY

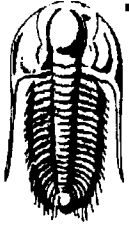
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2457.64	107.52	Initial Hydro-static
6	43.32	107.58	Open To Flow (1)
6	46.44	108.19	Packer Failure
14	201.16	108.13	Tried To Reset
14	213.46	108.77	Packer Failure
15	306.09	108.92	--Pulled Test

Recovery

Length (ft)	Description	Volume (bbl)
360.00	DM	5.05

Gas Rates

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



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

R & B Oil & Gas

Vickery B #2

PO Box 195
Attica KS 67009

31 32S 10W Barber KS

Job Ticket: 29375

DST#: 2

ATTN: Tim Pierce

Test Start: 2007.11.05 @ 17:08:17

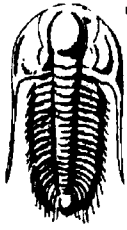
Tool Information

Drill Pipe:	Length: 4785.00 ft	Diameter: 3.80 inches	Volume: 67.12 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: 40000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 64000.00 lb
			Total Volume: 67.12 bbl	Tool Chased: ft
Drill Pipe Above KB:	6.00 ft			String Weight: Initial 60000.00 lb
Depth to Top Packer:	4800.00 ft			Final 62000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	20.00 ft			
Tool Length:	41.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Circulating sub	1.00			4780.00	
Change Over Sub	1.00			4781.00	
Shut In Tool	5.00			4786.00	
Hydraulic tool	5.00			4791.00	
Packer	5.00			4796.00	21.00 Bottom Of Top Packer
Packer	4.00			4800.00	
Stubb	1.00			4801.00	
Recorder	0.00	8166	Inside	4801.00	
Recorder	0.00	8356	Outside	4801.00	
Perforations	16.00			4817.00	
Bullnose	3.00			4820.00	20.00 Bottom Packers & Anchor

Total Tool Length: 41.00



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FLUID SUMMARY

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Vickery B #2

PO Box 195
Attica KS 67009

31 32S 10W Barber KS

Job Ticket: 29375

DST#: 2

ATTN: Tim Pierce

Test Start: 2007.11.05 @ 17:08:17

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 10.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 43.00 sec/qt	Cushion Volume: bbl		
Water Loss: 11.99 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 5000.00 ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
360.00	DM	5.050

Total Length: 360.00 ft Total Volume: 5.050 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments:

Serial #: 8166

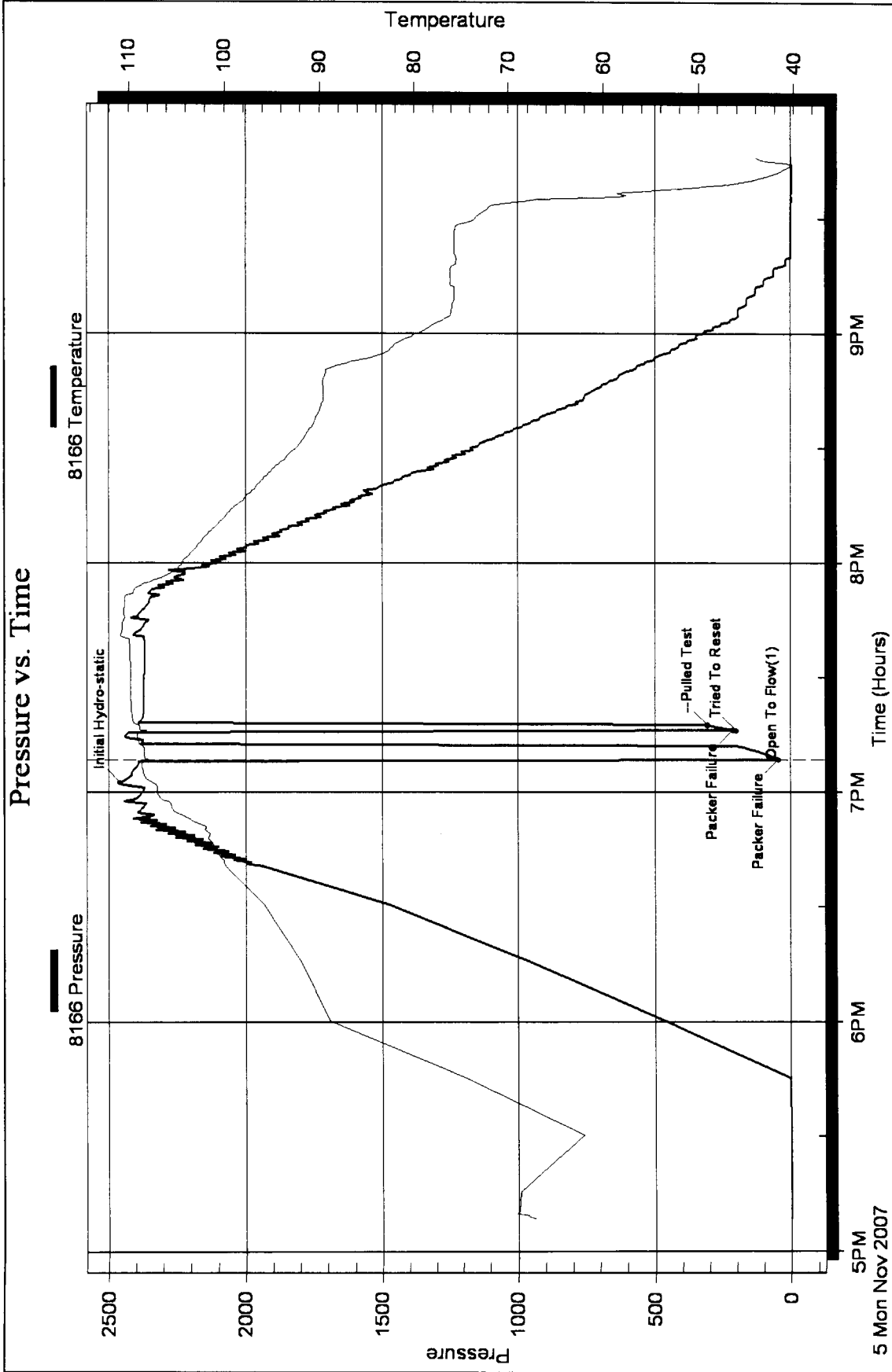
Inside

R & B Oil & Gas

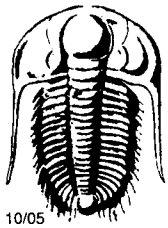
31 32S 10W Barber KS

DST Test Number: 2

Pressure vs. Time



5 Mon Nov 2007



TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

29374

RECEIVED
NOV 12 2007

Test Ticket

BY: _____

Well Name & No. Vickery B #2 Test No. 1 Date 11/4/07
 Company R+B Oil & Gas Zone Tested Cherokee sand
 Address PO Box 195 Attica KS 67009 Elevation 1537 KB 1529 GL
 Co. Rep / Geo. Tim Pierce Rig Duke rig #2
 Location: Sec. 31 Twp. 32S Rge. 10W Co. Barber State KS
 Comment: _____ Release date / time: _____

Interval Tested 4474 — 4500 Initial Str Wt./Lbs. 58000 Unseated Str Wt./Lbs. 58000
 Anchor Length _____ 26 Wt. Set Lbs. 20000 Wt. Pulled Loose/Lbs. 60000
 Top Packer Depth _____ 4470 Tool Weight 2100
 Bottom Packer Depth _____ 4474 Hole Size 7 7/8" ✓ Rubber Size 6 3/4" ✓
 Total Depth _____ 4500 Wt. Pipe Run _____ 0 Drill Collar Run _____ 0
 Mud Wt. 9.6 LCM _____ Vis. 44 WL 11.2 Drill Pipe Size 4 1/2 Ft. Run 4474

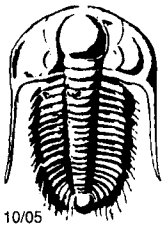
Blow Description IF: weak Blow, 2 1/2 inches, died off to 1/4 inch
IST: NO Blow
FF: Fair Blow, 6 1/2 inches, died off to 3 inches
FST: NO Blow

Recovery - Total Feet 20 GIP _____ Ft. in DC _____ Ft. in DP 20
 Rec. 20 Feet of Drilg mud %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 112 °F Gravity N/C *API D @ N/C °F Corrected Gravity N/C *API
 RW N/C @ N/C °F Chlorides N/C ppm Recovery N/C Chlorides 7000 ppm System

	AK-1	Alpine	Recorder No.	Test
(A) Initial Hydrostatic Mud		<u>2310</u> PSI	<u>8166</u>	<u>1200</u> ✓
(B) First Initial Flow Pressure		<u>12</u> PSI	(depth) <u>4475</u>	Jars _____
(C) First Final Flow Pressure		<u>16</u> PSI	Recorder No. <u>8356</u>	Safety Jt. _____
(D) Initial Shut-In Pressure		<u>145</u> PSI	(depth) <u>4475</u>	Circ Sub _____
(E) Second Initial Flow Pressure		<u>76</u> PSI	Recorder No. _____	Sampler _____
(F) Second Final Flow Pressure		<u>17</u> PSI	(depth) _____	Straddle _____
(G) Final Shut-In Pressure		<u>427</u> PSI	Initial Opening <u>30</u>	Ext. Packer _____
(Q) Final Hydrostatic Mud		<u>2245</u> PSI	Initial Shut-In <u>60</u>	Shale Packer _____
			Final Flow <u>30</u>	Ruined Packer _____
			Final Shut-In <u>60</u>	Mileage <u>126</u> <u>157.50</u>
			T-On Location <u>01:45</u>	Sub Total: <u>1357.50</u>
			T-Started <u>02:28</u>	Std. By _____
			T-Open <u>06:13</u>	Acc. Chg: _____
			T-Pulled <u>09:14</u>	Other: _____
			T-Out <u>11:15</u>	Total: _____

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.

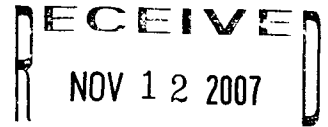
Approved By Tim Pierce
 Our Representative _____



TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

29375



BY: _____

Test Ticket

Well Name & No. Vickery B #2 Test No. 2 Date 11/5/07
 Company R+B Oil & Gas Zone Tested Viola
 Address PO BOX 195 Attica KS 67009 Elevation 1537 KB 1529 GL
 Co. Rep / Geo. Tim Pierce Rig Duke Rig #2
 Location: Sec. 31 Twp. 32S Rge. 10W Co. Barber State KS
 Comment: _____ Release date / time: _____

Interval Tested 4800 — 4820 Initial Str Wt./Lbs. 60000 Unseated Str Wt./Lbs. 67000
 Anchor Length _____ 20 Wt. Set Lbs. 40000 Wt. Pulled Loose/Lbs. 64000
 Top Packer Depth _____ 4796 Tool Weight 2100
 Bottom Packer Depth _____ 4800 Hole Size 7 7/8" Rubber Size 6 3/4"
 Total Depth _____ 4820 Wt. Pipe Run _____ Drill Collar Run 0
 Mud Wt. 9.5 LCM 1 Vis. 43 WL 12.0 Drill Pipe Size 4 1/2 Ft. Run 4785
 Blow Description PACKER FAILURE, TRIED TO RESET, PACKERS FAILED AGAIN, PULLED TEST

Recovery - Total Feet 360 GIP _____ Ft. in DC _____ Ft. in DP 360
 Rec. 360 Feet of Drilg Mud %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 N/C °API D @ _____ N/C °F Corrected Gravity N/C °API _____
 RW N/C @ N/C °F Chlorides N/C ppm Recovery N/C Chlorides 5000 ppm System _____

(A) Initial Hydrostatic Mud	AK-1	Alpine	2457	PSI	Recorder No.	8166	Test	<input checked="" type="checkbox"/>	1000
(B) First Initial Flow Pressure			43	PSI	(depth)	4801	Jars		
(C) First Final Flow Pressure				PSI	Recorder No.	8356	Safety Jt.		
(D) Initial Shut-In Pressure				PSI	(depth)	4801	Circ Sub		
(E) Second Initial Flow Pressure				PSI	Recorder No.		Sampler		
(F) Second Final Flow Pressure				PSI	(depth)		Straddle		
(G) Final Shut-In Pressure				PSI	Initial Opening		Ext. Packer		
(Q) Final Hydrostatic Mud				PSI	Initial Shut-In		Shale Packer		

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Approved By Tim Pierce
 Our Representative [Signature]

Final Flow _____
 Final Shut-In _____
T-On Location 17:00
 T-Started _____
 T-Open _____
 T-Pulled 19:17
 T-Out _____

Mileage 157.50
 Sub Total: 1
 Std. By _____
 Acc. Chg: \$1157.50
 Other: _____
 Total: _____