

TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

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

904 N Logan
PO Box 195
Attica KS 67009

ATTN: Tim Pierce

6 33 10 Barber KS

Patterson #1

Start Date: 2007.07.29 @ 06:45:43

End Date: 2007.07.29 @ 14:13:43

Job Ticket #: 28806 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

R&B Oil & Gas Inc

Patterson #1

6 33 10 Barber KS

DST # 1

Chattanooga

2007.07.29



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

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904 N Logan
PO Box 195
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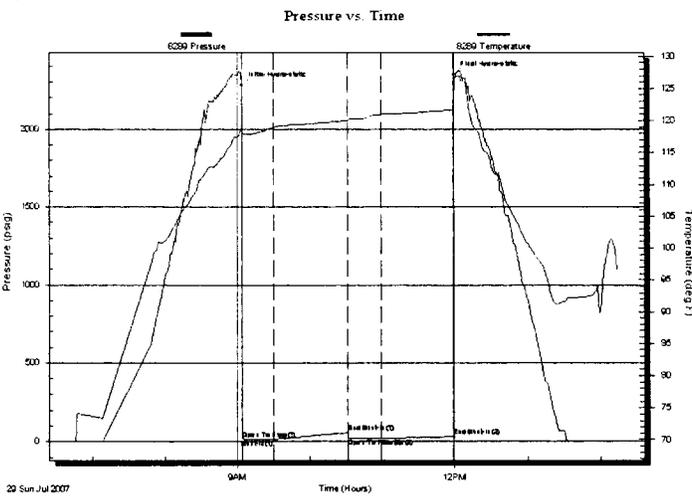
Patterson #1
6 33 10 Barber KS
Job Ticket: 28806 **DST#: 1**
Test Start: 2007.07.29 @ 06:45:43

GENERAL INFORMATION:

Formation: **Chattanooga**
Deviated: **No Whipstock:** ft (CF)
Time Tool Opened: 09:04:13
Time Test Ended: 14:13:43
Test Type: **Conventional Bottom Hole**
Tester: **Zach Stover**
Unit No: **23**
Interval: **4849.00 ft (CF) To 4885.00 ft (CF) (TVD)**
Reference Elevations: **1597.00 ft (KB)**
Total Depth: **4885.00 ft (CF) (TVD)**
1590.00 ft (CF)
Hole Diameter: **7.88 inches** Hole Condition: **Poor**
KB to GR/CF: **7.00 ft**

Serial #: 8289 Inside
Press@RunDepth: **19.07 psig @ 4850.00 ft (CF)** Capacity: **7000.00 psig**
Start Date: **2007.07.29** End Date: **2007.07.29** Last Calib.: **2007.07.29**
Start Time: **06:45:48** End Time: **14:13:42** Time On Btm: **2007.07.29 @ 09:04:03**
Time Off Btm: **2007.07.29 @ 11:59:42**

TEST COMMENT: IF Weak surface blow
ISI No blow
FF No blow
FSI No blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2276.84	118.60	Initial Hydro-static
1	16.88	117.88	Open To Flow (1)
27	16.29	118.95	Shut-In (1)
88	55.31	120.04	End Shut-In (1)
89	19.95	120.05	Open To Flow (2)
116	19.07	120.99	Shut-In (2)
176	30.30	121.69	End Shut-In (2)
176	2344.90	122.98	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	Drilling Mud	0.02

Gas Rates

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



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TOOL DIAGRAM

R&B Oil & Gas Inc

Patterson #1

904 N Logan
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ATTN: Tim Fierce

6 33 10 Barber KS
Job Ticket: 28806 **DST#: 1**
Test Start: 2007.07.29 @ 06:45:43

Tool Information

Drill Pipe:	Length: 4715.00 ft	Diameter: 3.80 inches	Volume: 66.14 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: 120.00 ft	Diameter: 2.25 inches	Volume: 0.59 bbl	Weight to Pull Loose:	80000.00 lb
			Total Volume: 66.73 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	13.00 ft			String Weight: Initial	74000.00 lb
Depth to Top Packer:	4849.00 ft			Final	74000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	36.00 ft				
Tool Length:	63.00 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			4823.00	
Shut In Tool	5.00			4828.00	
Hydraulic tool	5.00			4833.00	
Jars	5.00			4838.00	
Safety Joint	2.00			4840.00	
Packer	4.00			4844.00	27.00 Bottom Of Top Packer
Packer	5.00			4849.00	
Stubb	1.00			4850.00	
Recorder	0.00	8289	Inside	4850.00	
Perforations	30.00			4880.00	
Recorder	0.00	13789	Outside	4880.00	
Bullnose	5.00			4885.00	36.00 Bottom Packers & Anchor

Total Tool Length: 63.00



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FLUID SUMMARY

R&B Oil & Gas Inc

Patterson #1

904 N Logan
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ATTN: Tim Pierce

6 33 10 Barber KS
Job Ticket: 28806 **DST#: 1**
Test Start: 2007.07.29 @ 06:45:43

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: 44.00 sec/qt	Cushion Volume: bbl		
Water Loss: 9.39 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 5000.00 ppm			
Filter Cake: 0.02 inches			

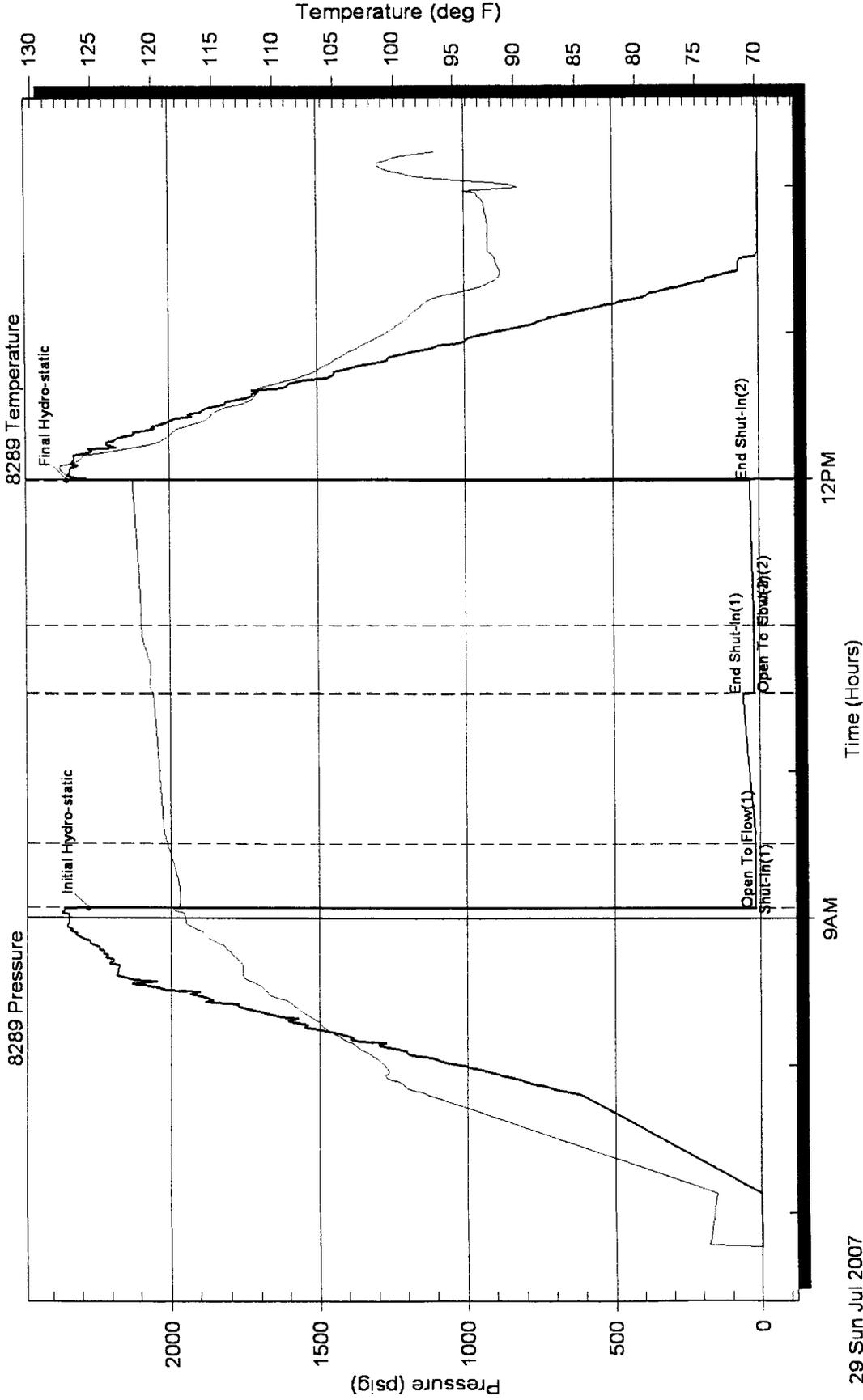
Recovery Information

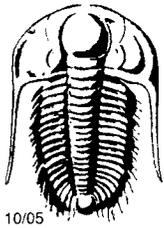
Recovery Table

Length ft	Description	Volume bbl
5.00	Drilling Mud	0.025

Total Length: 5.00 ft Total Volume: 0.025 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

28806

10460

Test Ticket

Well Name & No. Patterson # 1 Test No. 1 Date 7-29-07
 Company R & B Oil & Gas Inc Zone Tested Chattanooga
 Address 904 N. Logan P.O. 195 Attica Ks 67009 Elevation 1597 KB 1590 GL
 Co. Rep / Geo. Tim Pierce Rig Rube # 2
 Location: Sec. 6 Twp. 33s Rge. 10w Co. Barber State Ks
 Comment: _____ Release date / time: _____

Interval Tested 4849-4885 Initial Str Wt./Lbs. 7400 Unseated Str Wt./Lbs. 74000
 Anchor Length 36' Wt. Set Lbs. 20000 Wt. Pulled Loose/Lbs. 80000
 Top Packer Depth 4844 Tool Weight 2100
 Bottom Packer Depth 4849 Hole Size 7 7/8" ✓ Rubber Size 6 3/4" ✓
 Total Depth 4885 Wt. Pipe Run - Drill Collar Run 120
 Mud Wt. 9.1 LCM - Vis. 44 WL 9.4 Drill Pipe Size 4 1/2" Ft. Run 4715
 Blow Description IF: Weak surface blow.
ISI: No blow.
FF: No blow.
FSI: No blow

Recovery - Total Feet S GIP - Ft. in DC S Ft. in DP -
 Rec. S Feet of 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 5000 ppm System

	AK-1	Alpine	Recorder No.	Test
(A) Initial Hydrostatic Mud		<u>2358</u> PSI	<u>8289</u>	<u>✓</u> <u>1200</u>
(B) First Initial Flow Pressure		<u>17</u> PSI	<u>4850</u>	<u>✓</u> <u>250</u>
(C) First Final Flow Pressure		<u>16</u> PSI	<u>13789</u>	<u>✓</u> <u>75</u>
(D) Initial Shut-In Pressure		<u>55</u> PSI	<u>4880</u>	Circ Sub _____
(E) Second Initial Flow Pressure		<u>20</u> PSI	<u>-</u>	Sampler _____
(F) Second Final Flow Pressure		<u>19</u> PSI	<u>-</u>	Straddle _____
(G) Final Shut-In Pressure		<u>30</u> PSI	<u>Initial Opening</u>	Ext. Packer _____
(Q) Final Hydrostatic Mud		<u>2313</u> PSI	Initial Shut-In <u>60</u>	Shale Packer <u>✓</u> <u>250</u>
			Final Flow <u>30</u>	Ruined Packer <u>✓</u> <u>125</u>
			Final Shut-In <u>60</u>	Mileage <u>✓</u> <u>100 RT</u>
			<u>T-On Location</u> <u>5:10</u>	Sub Total: _____
			T-Started <u>6:45</u>	Std. By: _____
			T-Open <u>9:01</u>	Acc. Chg: _____
			T-Pulled <u>12:01</u>	Other: <u>81900</u>
			T-Out <u>14:13</u>	Total: _____

Approved By Tim Pierce
 Our Representative Zachary Stover

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.

CHART PAGE

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

R & B Patterson #1

18TH

13789

