

DRILL STEM TEST REPORT

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

PO Box 195
Attica KS 67009

ATTN: Tim Pierce

14 32S 10W Barber KS

Schreiner #2

Start Date: 2007.02.01 @ 16:14:35

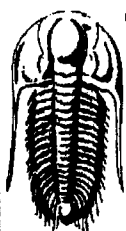
End Date: 2007.02.01 @ 23:52:35

Job Ticket #: 27059 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

R & B Oil & Gas

PO Box 195
Attica KS 67009

ATTN: Tim Pierce

Schreiner #2

14 32S 10W Barber KS

Job Ticket: 27059

DST#: 1

Test Start: 2007.02.01 @ 16:14:35

GENERAL INFORMATION:

Formation: **Miss.**

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

Time Tool Opened: 18:14:50

Time Test Ended: 23:52:35

Test Type: Conventional Bottom Hole

Tester: Gary Pevoteaux

Unit No: 39

Interval: **4402.00 ft (KB) To 4417.00 ft (KB) (TVD)**

Total Depth: **4417.00 ft (KB) (TVD)**

Hole Diameter: **7.88 inches** Hole Condition: **Poor**

Reference Elevations: **1496.00 ft (KB)**

1488.00 ft (CF)

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

Serial #: 8167

Inside

Press@RunDepth: **79.28 psig @ 4403.00 ft (KB)**

Start Date: **2007.02.01**

End Date:

2007.02.01

Start Time: **16:14:40**

End Time:

23:52:34

Capacity: **7000.00 psig**

Last Calib.: **2007.02.01**

Time On Btm: **2007.02.01 @ 18:14:05**

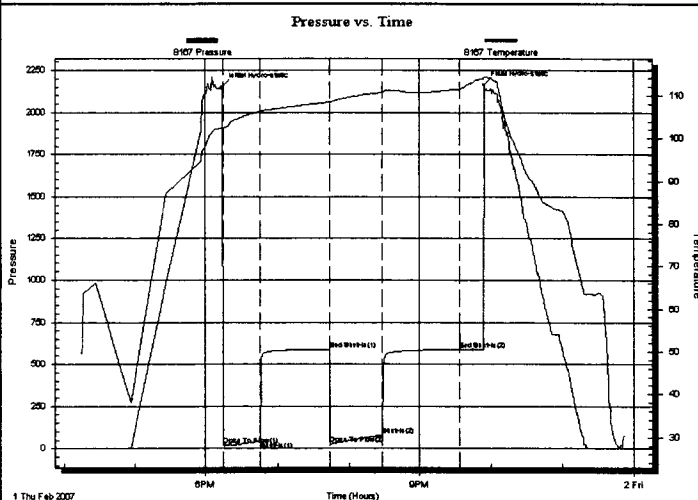
Time Off Btm: **2007.02.01 @ 21:54:19**

TEST COMMENT: IF Strong blow BOB in 1 min. GTS in 13 mins. (see gas flow report)

ISI Weak blow 1/4 " or less.

FF Strong blow (see gas flow report)

FSI No blow



PRESSURE SUMMARY

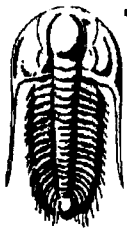
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2152.24	102.28	Initial Hydro-static
1	16.85	102.11	Open To Flow (1)
32	43.14	106.17	Shut-In(1)
90	587.33	108.39	End Shut-In(1)
90	24.05	108.34	Open To Flow (2)
134	79.28	110.70	Shut-In(2)
200	586.54	111.47	End Shut-In(2)
221	2163.83	114.31	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
62.00	GCM w/trace of Oil 15%G 85%M	0.87

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.25	10.00	38.71
Last Gas Rate	0.25	44.00	92.65
Max. Gas Rate	0.25	44.00	92.65



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

R & B Oil & Gas

Schreiner #2

PO Box 195
Attica KS 67009

14 32S 10W Barber KS

Job Ticket: 27059

DST#: 1

ATTN: Tim Pierce

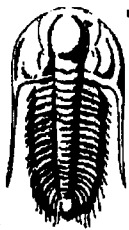
Test Start: 2007.02.01 @ 16:14:35

Tool Information

Drill Pipe:	Length: 4402.00 ft	Diameter: 3.80 inches	Volume: 61.75 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: 24000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 156000.0 lb
			Total Volume: 61.75 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	20.00 ft			String Weight: Initial 62000.00 lb
Depth to Top Packer:	4402.00 ft			Final 64000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	15.00 ft			
Tool Length:	35.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		
Tool Comments:				

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Change Over Sub	1.00			4383.00	
Shut In Tool	5.00			4388.00	
Hydraulic tool	5.00			4393.00	
Packer	4.00			4397.00	20.00 Bottom Of Top Packer
Packer	5.00			4402.00	
Stubb	1.00			4403.00	
Recorder	0.00	8167	Inside	4403.00	
Perforations	9.00			4412.00	
Recorder	0.00	11019	Outside	4412.00	
Bullnose	5.00			4417.00	15.00 Bottom Packers & Anchor
Total Tool Length:	35.00				



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

R & B Oil & Gas

Schreiner #2

PO Box 195
Attica KS 67009

14 32S 10W Barber KS

Job Ticket: 27059

DST#: 1

ATTN: Tim Pierce

Test Start: 2007.02.01 @ 16:14:35

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:

5000 ppm

Viscosity: 43.00 sec/qt

Cushion Volume:

bbl

Water Loss: 9.58 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 5000.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
62.00	GCM w/trace of Oil 15%G 85%M	0.870

Total Length: 62.00 ft

Total Volume: 0.870 bbl

Num Fluid Samples: 0

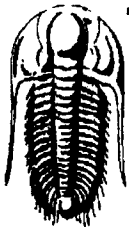
Num Gas Bombs: 0

Serial #: none

Laboratory Name:

Laboratory Location:

Recovery Comments:



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

GAS RATES

R & B Oil & Gas

Schreiner #2

PO Box 195
Attica KS 67009

14 32S 10W Barber KS

Job Ticket: 27059

DST#: 1

ATTN: Tim Pierce

Test Start: 2007.02.01 @ 16:14:35

Gas Rates Information

Temperature: 59 deg C
Relative Density: 0.65
Z Factor: 0.8

Gas Rates Table

Flow Period	Elapsed Time	Choke (mm)	Pressure (kPaa)	Gas Rate (m³/d)
1	20	0.25	10.00	38.71
1	20	0.25	10.00	38.71
1	30	0.25	19.00	52.99
2	10	0.25	19.00	52.99
2	20	0.25	28.00	67.26
2	30	0.25	37.00	81.54
2	40	0.25	44.00	92.65

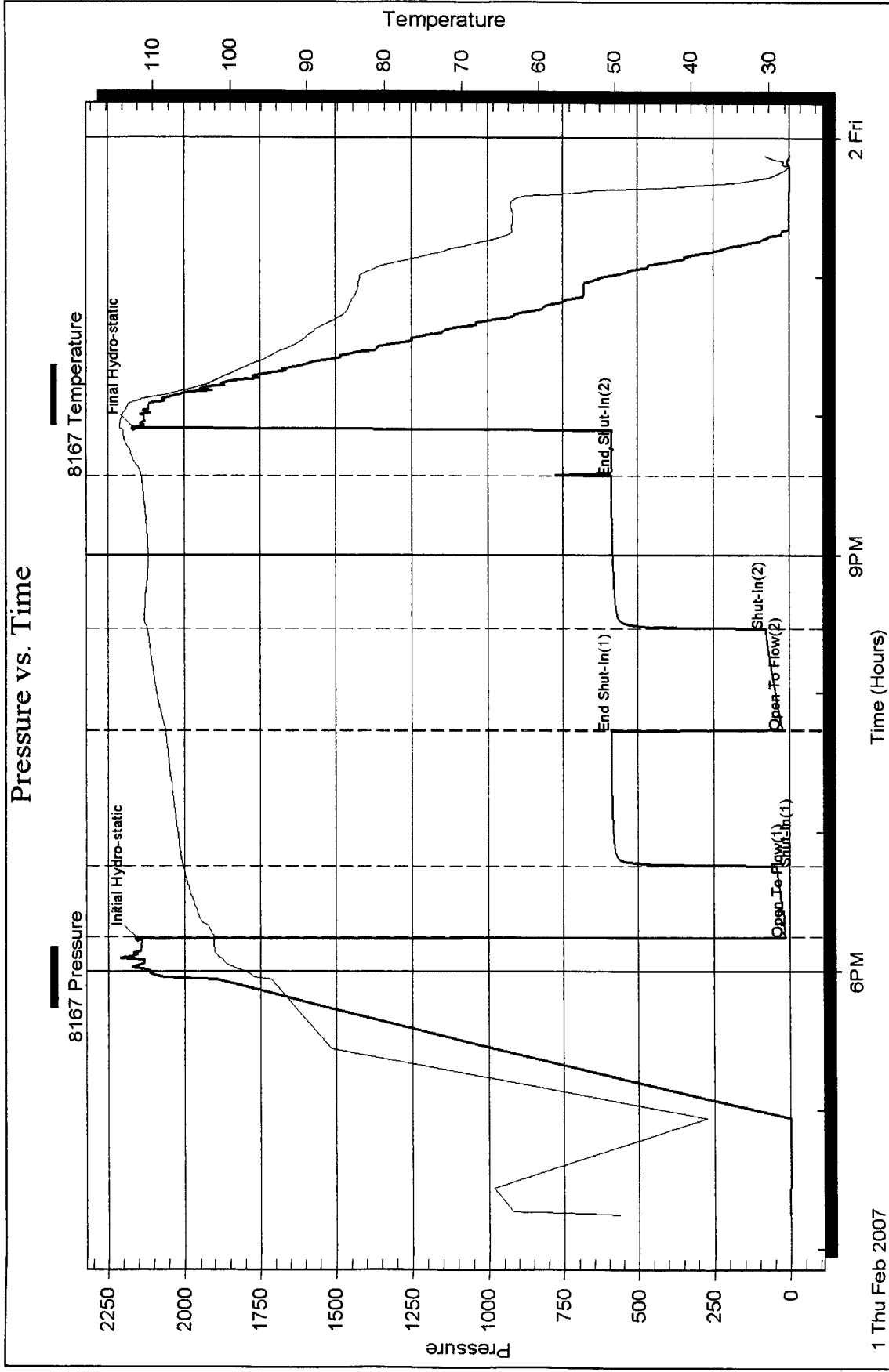
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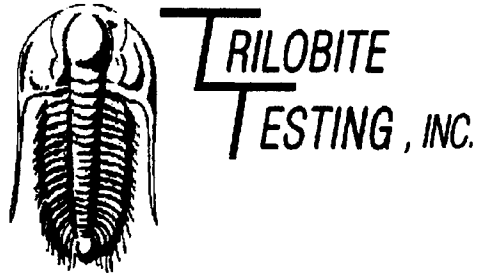
Inside

R & B Oil & Gas

14 32S 10W Barber KS

DST Test Number: 1





DRILL STEM TEST REPORT

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

PO Box 195
Attica KS 67009

ATTN: Tim Pierce

14 32S 10W Barber KS

Schreiner #2

Start Date: 2007.02.02 @ 09:21:06

End Date: 2007.02.02 @ 16:41:21

Job Ticket #: 27060 DST #: 2

Trilobite Testing, Inc

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TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

R & B Oil & Gas

PO Box 195
Attica KS 67009

ATTN: Tim Pierce

Schreiner #2

14 32S 10W Barber KS

Job Ticket: 27060

DST#: 2

Test Start: 2007.02.02 @ 09:21:06

GENERAL INFORMATION:

Formation: **Miss.**

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

Time Tool Opened: 11:21:21

Time Test Ended: 16:41:21

Test Type: **Conventional Bottom Hole**

Tester: **Gary Pevoteaux**

Unit No: **39**

Interval: **4447.00 ft (KB) To 4462.00 ft (KB) (TVD)**

Total Depth: **4462.00 ft (KB) (TVD)**

Hole Diameter: **7.88 inches** Hole Condition: **Poor**

Reference Elevations: **1496.00 ft (KB)**

1488.00 ft (CF)

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

Serial #: 8167

Inside

Press@RunDepth: **110.46 psig @ 4448.00 ft (KB)**

Start Date: **2007.02.02**

End Date:

2007.02.02

Start Time: **09:21:11**

End Time:

16:41:20

Capacity: **7000.00 psig**

Last Calib.: **2007.02.02**

Time On Btm: **2007.02.02 @ 11:20:36**

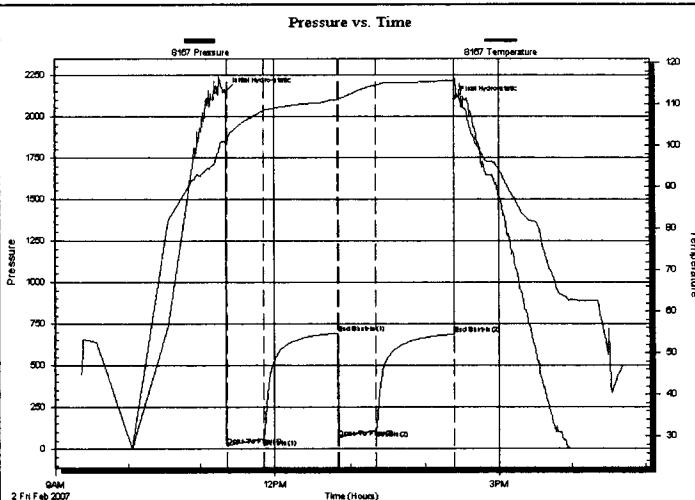
Time Off Btm: **2007.02.02 @ 14:23:50**

TEST COMMENT: IF Strong blow BOB in 3 mins.

ISI Weak blow 1/4 "

FF Strong blow BOB in 11-12 mins

FSI Weak blow 1/4 - 1/2 "



PRESSURE SUMMARY

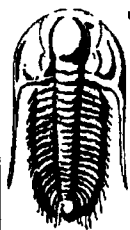
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2150.23	100.99	Initial Hydro-static
1	18.17	100.22	Open To Flow (1)
31	62.53	108.31	Shut-In (1)
90	695.75	111.05	End Shut-In (1)
91	66.30	110.84	Open To Flow (2)
120	110.46	114.59	Shut-In (2)
183	687.99	115.63	End Shut-In (2)
184	2099.74	116.54	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
125.00	MW 10%M 90%W Rw .12 OHMS@ 51	d1.75
80.00	WMw/a few O specs 22%W 78%M	1.12

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

R & B Oil & Gas

Schreiner #2

PO Box 195
Attica KS 67009

14 32S 10W Barber KS

Job Ticket: 27060

DST#: 2

ATTN: Tim Pierce

Test Start: 2007.02.02 @ 09:21:06

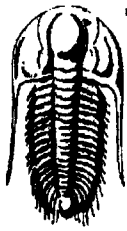
Tool Information

Drill Pipe:	Length: 4434.00 ft	Diameter: 3.80 inches	Volume: 62.20 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: 24000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 70000.00 lb
		Total Volume: 62.20 bbl		Tool Chased 0.00 ft
Drill Pipe Above KB:	7.00 ft			String Weight: Initial 63000.00 lb
Depth to Top Packer:	4447.00 ft			Final 63000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	15.00 ft			
Tool Length:	35.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Change Over Sub	1.00			4428.00	
Shut In Tool	5.00			4433.00	
Hydraulic tool	5.00			4438.00	
Packer	4.00			4442.00	20.00 Bottom Of Top Packer
Packer	5.00			4447.00	
Stubb	1.00			4448.00	
Recorder	0.00	8167	Inside	4448.00	
Perforations	9.00			4457.00	
Recorder	0.00	11019	Outside	4457.00	
Bullnose	5.00			4462.00	15.00 Bottom Packers & Anchor
Total Tool Length:	35.00				



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DRILL STEM TEST REPORT

FLUID SUMMARY

R & B Oil & Gas

Schreiner #2

PO Box 195
Attica KS 67009

14 32S 10W Barber KS

Job Ticket: 27060

DST#: 2

ATTN: Tim Pierce

Test Start: 2007.02.02 @ 09:21:06

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:

93000 ppm

Viscosity: 43.00 sec/qt

Cushion Volume:

bbl

Water Loss: 9.59 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 5000.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
125.00	MW 10%M90%W Rw .12 OHMS@ 51 deg	1.753
80.00	WMw/a few O specs 22%W 78%M	1.122

Total Length: 205.00 ft

Total Volume:

2.875 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #: none

Laboratory Name:

Laboratory Location:

Recovery Comments:

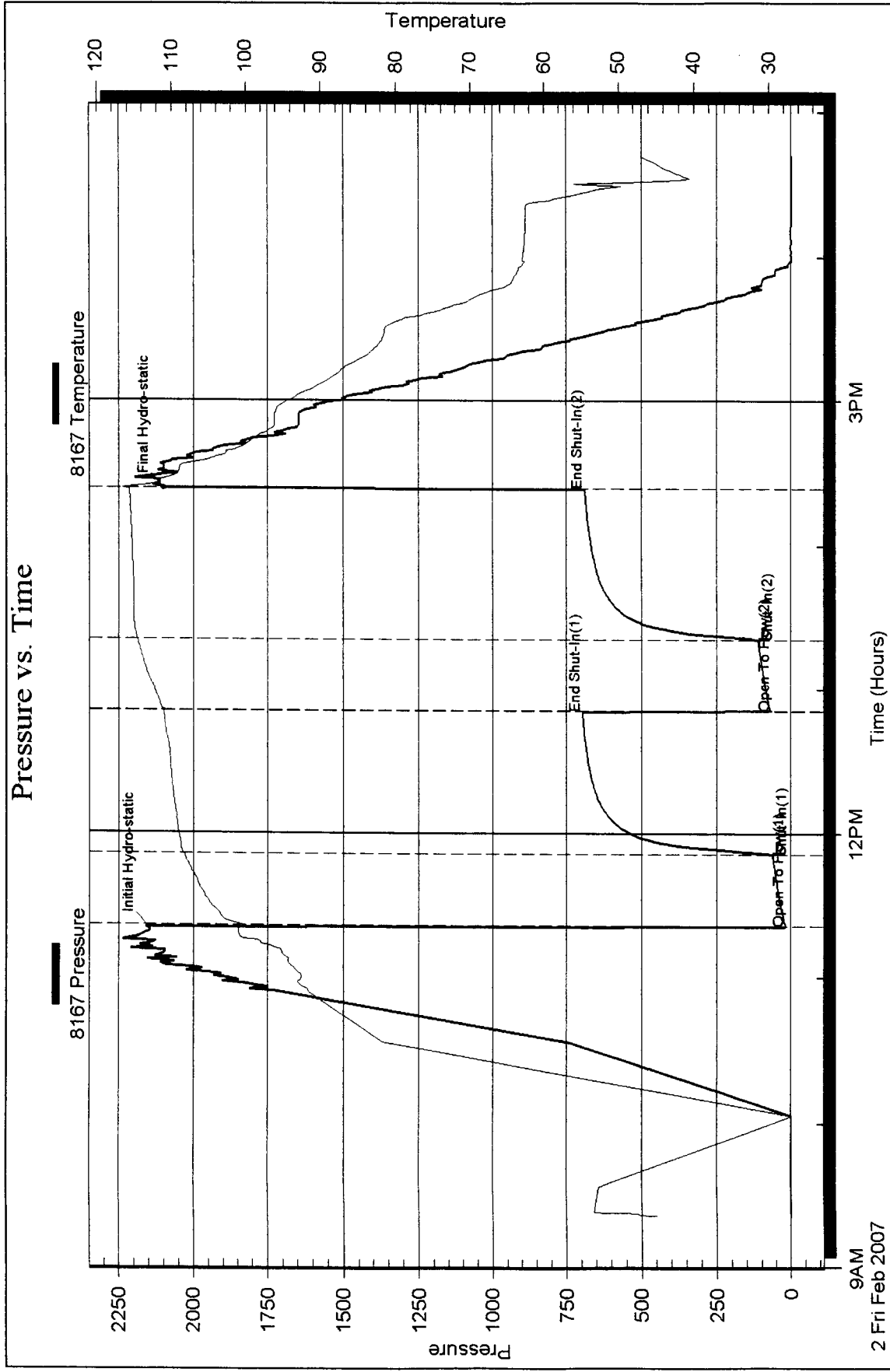
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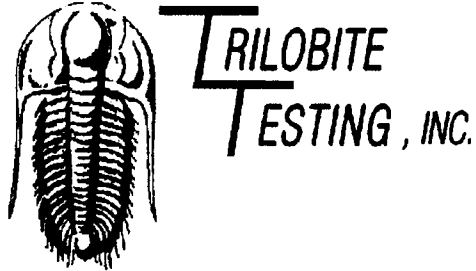
Inside

R & B Oil & Gas

14 32S 10W Barber KS

DST Test Number: 2





DRILL STEM TEST REPORT

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

PO Box 195
Attica KS 67009

ATTN: Tim Pierce

14 32S 10W Barber KS

Schreiner #2

Start Date: 2007.02.03 @ 11:23:08

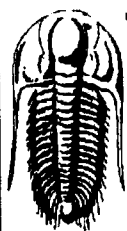
End Date: 2007.02.03 @ 17:58:08

Job Ticket #: 27061 DST #: 3

Trilobite Testing, Inc

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**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

R & B Oil & Gas

PO Box 195
Attica KS 67009

ATTN: Tim Pierce

Schreiner #2

14 32S 10W Barber KS

Job Ticket: 27061

DST#: 3

Test Start: 2007.02.03 @ 11:23:08

GENERAL INFORMATION:

Formation: **Viola**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 12:58:53

Time Test Ended: 17:58:08

Test Type: Conventional Bottom Hole

Tester: Gary Pevoteaux

Unit No: 39

Interval: **4668.00 ft (KB) To 4710.00 ft (KB) (TVD)**

Total Depth: 4710.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Poor

Reference Elevations: 1496.00 ft (KB)

1488.00 ft (CF)

KB to GR/CF: 8.00 ft

Serial #: 8167 Inside

Press@RunDepth: 136.32 psig @ 4669.00 ft (KB)

Start Date: 2007.02.03

End Date:

2007.02.03

Start Time: 11:23:13

End Time:

17:58:07

Capacity: 7000.00 psig

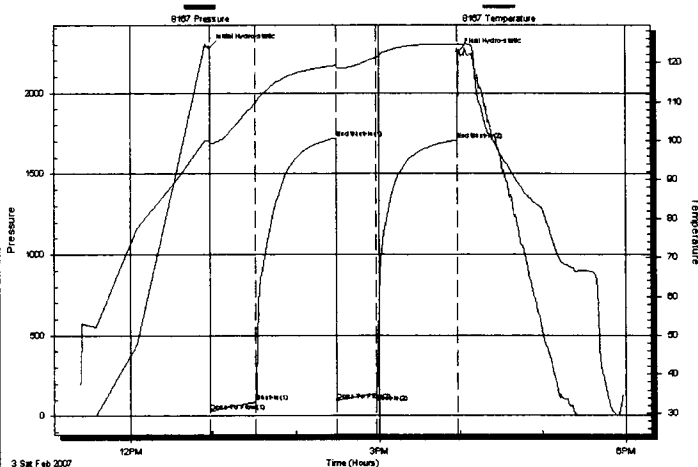
Last Calib.: 2007.02.03

Time On Btm: 2007.02.03 @ 12:58:23

Time Off Btm: 2007.02.03 @ 15:58:07

TEST COMMENT: IF Fair blow Slow increase to 8 "
ISI No blow
FF Weak to fair blow Slow increase to 6 "
FSI No blow

Pressure vs. Time



PRESSURE SUMMARY

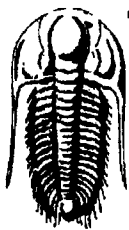
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2279.14	99.92	Initial Hydro-static
1	27.38	99.37	Open To Flow (1)
33	85.74	109.61	Shut-In (1)
91	1719.71	119.24	End Shut-In (1)
91	92.23	118.74	Open To Flow (2)
120	136.32	121.20	Shut-In (2)
180	1707.95	124.44	End Shut-In (2)
180	2250.61	124.78	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
158.00	MV 11% M 89% W Rw .14 OHMS @ 53 d2.22	
90.00	DRLG MUD Good Odor!	1.26
0.00	Trace of GIP	0.00

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

R & B Oil & Gas

Schreiner #2

PO Box 195
Attica KS 67009

14 32S 10W Barber KS

Job Ticket: 27061

DST#: 3

ATTN: Tim Pierce

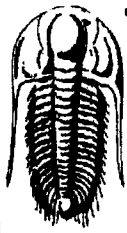
Test Start: 2007.02.03 @ 11:23:08

Tool Information

Drill Pipe:	Length: 4652.00 ft	Diameter: 3.80 inches	Volume: 65.26 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: 24000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 74000.00 lb
			<u>Total Volume: 65.26 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	12.00 ft			String Weight: Initial 66000.00 lb
Depth to Top Packer:	4668.00 ft			Final 66000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	42.00 ft			
Tool Length:	70.00 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			4641.00	
Shut In Tool	5.00			4646.00	
Hydraulic tool	5.00			4651.00	
Jars	5.00			4656.00	
Safety Joint	3.00			4659.00	
Packer	4.00			4663.00	28.00 Bottom Of Top Packer
Packer	5.00			4668.00	
Stubb	1.00			4669.00	
Recorder	0.00	8167	Inside	4669.00	
Perforations	36.00			4705.00	
Recorder	0.00	11019	Outside	4705.00	
Bullnose	5.00			4710.00	42.00 Bottom Packers & Anchor

Total Tool Length: 70.00



TRILOBITE
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DRILL STEM TEST REPORT

FLUID SUMMARY

R & B Oil & Gas

Schreiner #2

PO Box 195
Attica KS 67009

14 32S 10W Barber KS

Job Ticket: 27061

DST#: 3

ATTN: Tim Pierce

Test Start: 2007.02.03 @ 11:23:08

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:

79000 ppm

Viscosity: 48.00 sec/qt

Cushion Volume:

bbl

Water Loss: 9.79 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 7000.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
158.00	MW 11%M 89%W Rw .14 OHMS @ 53 deg.	2.216
90.00	DRLG MUD Good Odor!	1.262
0.00	Trace of GIP	0.000

Total Length: 248.00 ft

Total Volume: 3.478 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #: none

Laboratory Name:

Laboratory Location:

Recovery Comments:

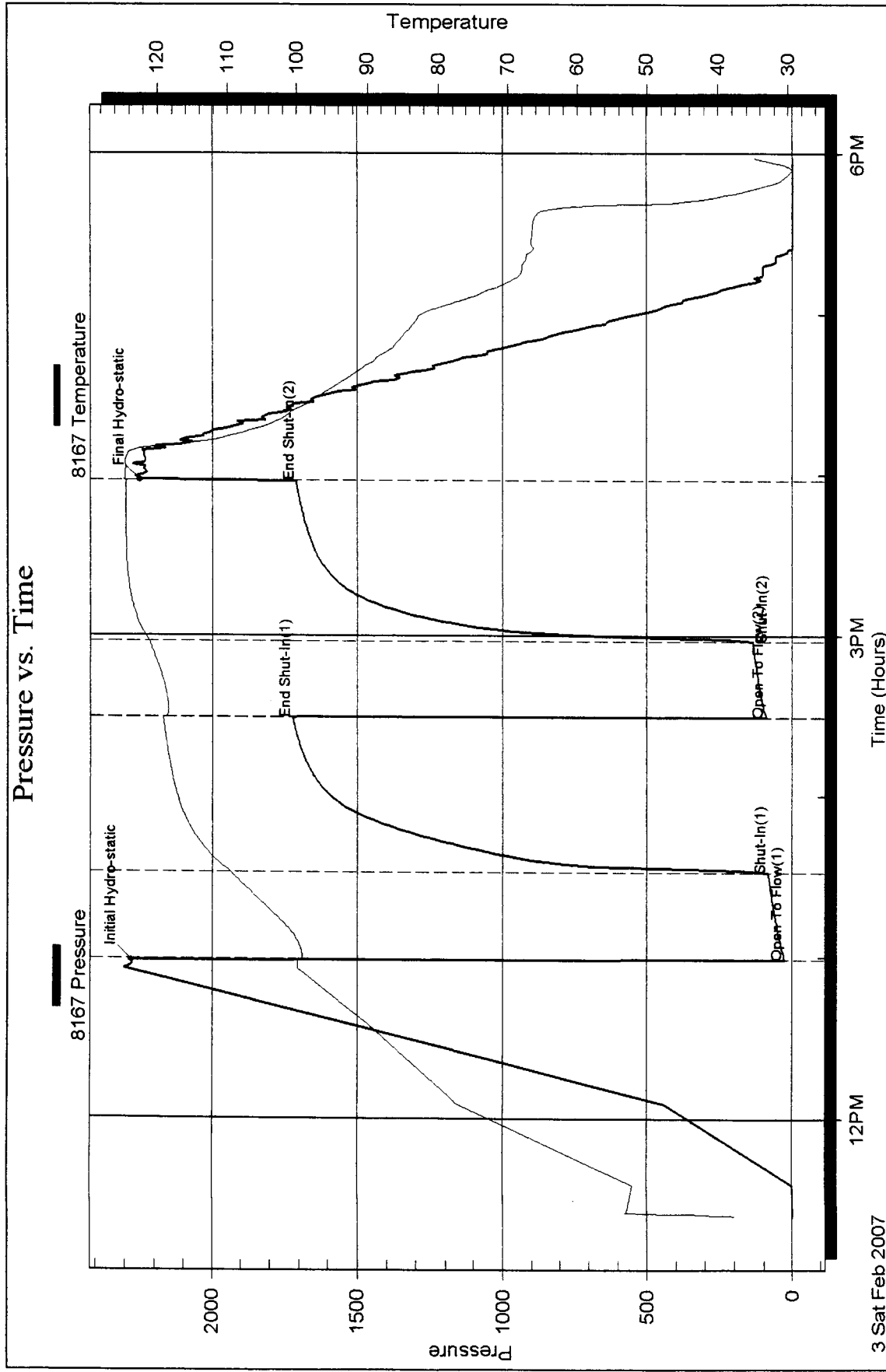
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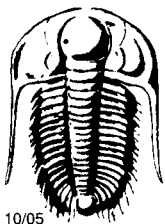
Inside

R & B Oil & Gas

14 32S 10W Barber KS

DST Test Number: 3





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

27059

9812

Test Ticket

Well Name & No. <u>Schreiner #2</u>	Test No. <u>1</u>	Date <u>1-1-07</u>
Company <u>R & B Oil & Gas</u>	Zone Tested <u>Miss.</u>	
Address <u>P.O. Box 195, Attica, Ks. 67009</u>	Elevation <u>1496 KB</u>	<u>1488</u> GL
Co. Rep / Geo. <u>Tim Pince</u>	Rig <u>Duke Dwy. #2</u>	
Location: Sec. <u>14</u>	Twp. <u>32 S</u>	Rge. <u>10 W</u>
Co. <u>Barber</u>	State <u>Ks.</u>	
Comment: _____	Release date / time: _____	

Interval Tested <u>4402 ~ 4417'</u>	Initial Str Wt./Lbs. <u>62,000</u>	Unseated Str Wt./Lbs. <u>69,000</u>
Anchor Length <u>15'</u>	Wt. Set Lbs. <u>24,000</u>	Wt. Pulled Loose/Lbs. <u>156,000</u>
Top Packer Depth <u>4397'</u>	Tool Weight <u>2100#</u>	
Bottom Packer Depth <u>4402'</u>	Hole Size <u>7 7/8"</u>	Rubber Size <u>6 3/4"</u>
Total Depth <u>4417'</u>	Wt. Pipe Run <u>None</u>	Drill Collar Run <u>None</u>
Mud Wt. <u>9.3</u> LCM <u>2#</u> Vis. <u>43</u> WL <u>9.6 cc</u>	Drill Pipe Size <u>4 1/2"</u>	Ft. Run <u>4402'</u>
Blow Description <u>IF: Strong blow. B.O.B. in 1 min. GTS in 13 mins. (see gas flow report)</u>		
<u>ISI: Weak blow. 1/4 on less.</u>		
<u>FF: Strong blow. (see gas flow report)</u>		
<u>FSI: No blow</u>		

Recovery - Total Feet <u>62</u>	GIP <u>yes</u>	Ft. in DC <u>N/A</u>	Ft. in DP <u>62</u>
Rec. <u>62</u>	Feet of <u>GCM w/trace of oil</u>	%gas <u>15</u>	%oil <u></u>
Rec. _____	Feet of _____	%gas _____	%oil _____
Rec. _____	Feet of _____	%gas _____	%oil _____
Rec. _____	Feet of _____	%gas _____	%oil _____
Rec. _____	Feet of _____	%gas _____	%oil _____
BHT <u>111</u>	°F Gravity <u>N/A</u>	°API D @ <u></u>	°F Corrected Gravity <u>N/A</u>
RW <u>N/A</u>	@ <u>2</u>	°F Chlorides <u>500(1)</u> ppm	Recovery _____ Chlorides <u>5000</u> ppm

(A) Initial Hydrostatic Mud	<u>2140</u> PSI	Recorder No. <u>8167</u>	Test <u>✓ 1200</u>
(B) First Initial Flow Pressure	<u>17</u> PSI	(depth) <u>4403'</u>	Jars _____
(C) First Final Flow Pressure	<u>43</u> PSI	Recorder No. <u>11019</u>	Safety Jt. _____
(D) Initial Shut-In Pressure	<u>587</u> PSI	(depth) <u>4412'</u>	Circ Sub _____
(E) Second Initial Flow Pressure	<u>24</u> PSI	Recorder No. <u></u>	Sampler _____
(F) Second Final Flow Pressure	<u>79</u> PSI	(depth) <u></u>	Straddle _____
(G) Final Shut-In Pressure	<u>587</u> PSI	Initial Opening <u>30</u>	Ext. Packer _____
(Q) Final Hydrostatic Mud	<u>2132</u> PSI	Initial Shut-In <u>60</u>	Shale Packer _____

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Approved By Tim Pince

Our Representative Gary Proctor

Final Flow <u>45</u>	Ruined Packer _____
Final Shut-In <u>60</u>	Mileage <u>88</u> ✓ <u>110</u>
T-On Location <u>1538</u>	Sub Total: <u>1310.00</u>
T-Started <u>1614</u>	Std. By _____
T-Open <u>1814</u>	Acc. Chg: _____
T-Pulled <u>2134</u>	Other: _____
T-Out <u>2352</u>	Total: <u>1310.00</u>



GAS VOLUME REPORT

ME REPORT
SCHREINER #2

WELL NAME AND NO.

DST NO.

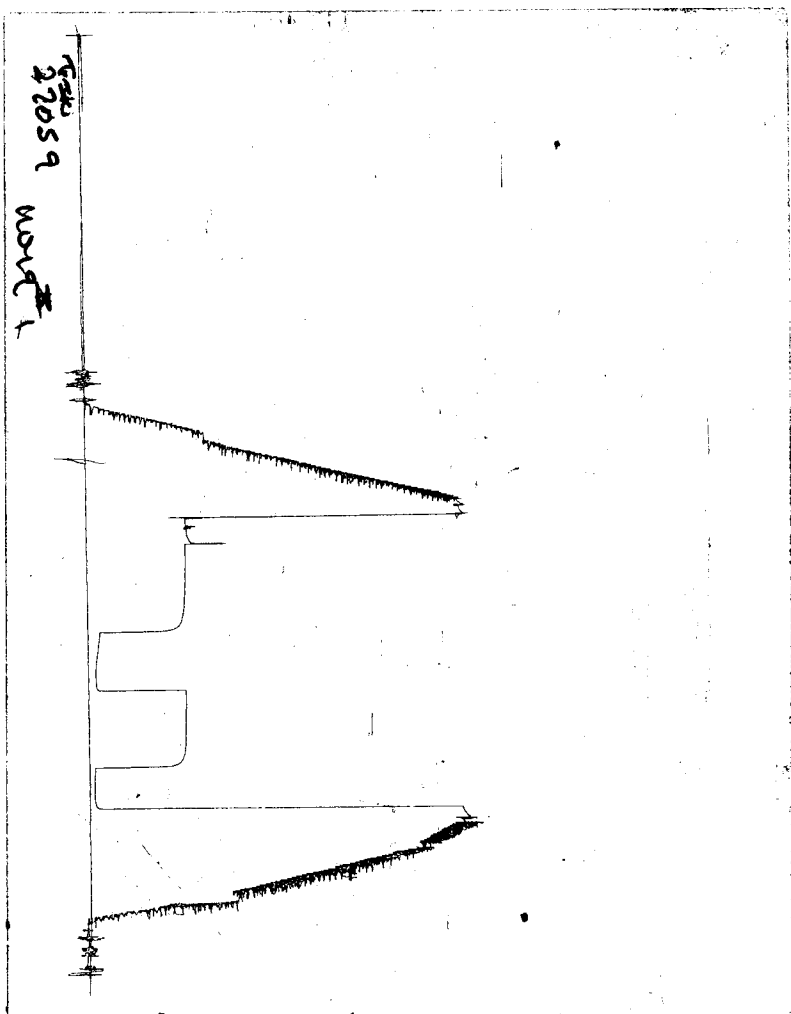
Initial Open

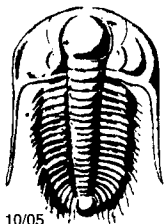
Final Open

Remarks:

CHART PAGE

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





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

27060

Test Ticket

Well Name & No. <u>Schaeffer #2</u>	Test No. <u>2</u>	Date <u>2-2-07</u>
Company <u>R & B Oil & Gas</u>	Zone Tested <u>Miss.</u>	
Address <u>P.O. Box 195, Otter, Mo. 67009</u>	Elevation <u>1496</u> KB <u>1488</u> GL	
Co. Rep / Geo. <u>Tim Pierce</u>	Rig <u>Duke Drilling #2</u>	
Location: Sec. <u>14</u> Twp. <u>32S</u> Rge. <u>10W</u>	Co. <u>Barber</u> State <u>Mo</u>	
Comment: _____		Release date / time: _____

Interval Tested <u>4447 ~ 4462'</u>	Initial Str Wt./Lbs. <u>63,000</u>	Unseated Str Wt./Lbs. <u>63,000</u>
Anchor Length <u>15'</u>	Wt. Set Lbs. <u>24,000</u>	Wt. Pulled Loose/Lbs. <u>70,000</u>
Top Packer Depth <u>4442'</u>	Tool Weight <u>2100 #</u>	
Bottom Packer Depth <u>4447'</u>	Hole Size 7 7/8" <u>✓</u>	Rubber Size 6 3/4" <u>✓</u>
Total Depth <u>4462'</u>	Wt. Pipe Run <u>None</u>	Drill Collar Run <u>None</u>
Mud Wt. <u>9.3</u> LCM <u>2#</u> Vis. <u>43</u> WL <u>9.6</u>	Drill Pipe Size <u>4 1/2"</u>	Ft. Run <u>4434'</u>
Blow Description <u>IF: Strong blow. B.O.B. in 3 mins. ISI: Weak blow 1/4"</u>		
<u>FF: Strong blow. B.O.B. in 11-12 mins. FSI: Weak blow 1/4-1/2"</u>		

Recovery - Total Feet <u>205</u>	GIP <u>700</u>	Ft. in DC <u>0</u>	Ft. in DP <u>205</u>
Rec. <u>80</u>	Feet of <u>WUM w/a few specs.</u>	%gas	%oil <u>22</u> %water <u>78</u> %mud
Rec. <u>125</u>	Feet of <u>MW 10% m 90% w</u>	%gas	%oil <u>90</u> %water <u>10</u> %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 <u>.12</u> @ <u>51</u>	°F	Chlorides <u>93,000</u> ppm	Recovery _____ Chlorides <u>5,000</u> ppm System

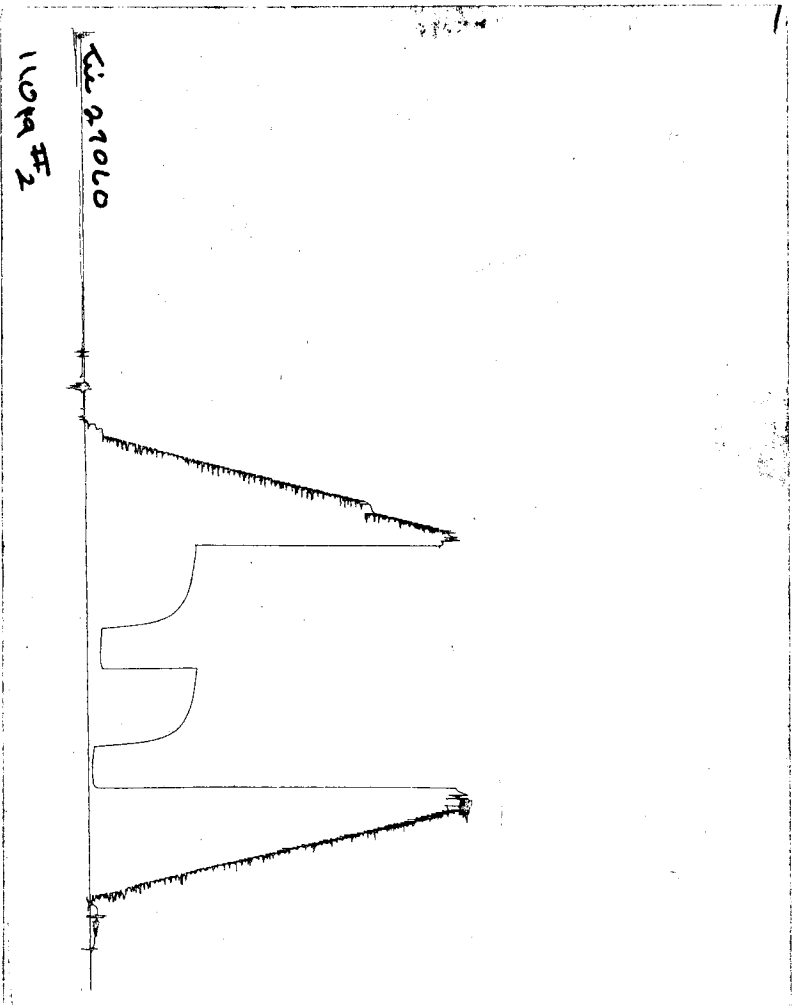
	AK-1	Alpine	Recorder No.	Test
(A) Initial Hydrostatic Mud		<u>2145</u> PSI	<u>8167</u>	<u>1200°</u>
(B) First Initial Flow Pressure		<u>18</u> PSI	<u>4448'</u>	Jars
(C) First Final Flow Pressure		<u>63</u> PSI	<u>11019</u>	Safety Jt.
(D) Initial Shut-In Pressure		<u>646</u> PSI	<u>4457'</u>	Circ Sub
(E) Second Initial Flow Pressure		<u>66</u> PSI	<u>~</u>	Sampler
(F) Second Final Flow Pressure		<u>110</u> PSI	<u>~</u>	Straddle
(G) Final Shut-In Pressure		<u>688</u> PSI	<u>30</u>	Ext. Packer
(Q) Final Hydrostatic Mud		<u>2114</u> PSI	<u>60</u>	Shale Packer
			<u>30</u>	Ruined Packer
			<u>60</u>	Mileage <u>88</u> <u>✓</u> <u>110°</u>
			<u>0830</u>	Sub Total: <u>1310°</u>
			<u>0921</u>	Std. By
			<u>1121</u>	Acc. Chg:
			<u>1424</u>	Other:
			<u>1641</u>	Total: <u>1310°</u>

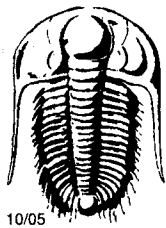
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Approved By Tim Pierce

Our Representative Gary Rootman

CHART PAGE
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TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

27061

Test Ticket

Well Name & No. <u>Schriener #2</u>	Test No. <u>3</u>	Date <u>2-3-07</u>
Company <u>R & B Oil & Gas</u>	Zone Tested <u>Viola</u>	
Address <u>Attika Ks. 67009</u>	Elevation <u>1496</u> KB <u>1488</u> GL	
Co. Rep / Geo. <u>Tim Pince</u>	Rig <u>Duke Drilling #2</u>	
Location: Sec. <u>14</u> Twp. <u>32S</u> Rge. <u>10 W</u>	Co. <u>Barber</u>	State <u>Ks.</u>
Comment: _____		Release date / time: _____

Interval Tested 4668 - 4710' Initial Str Wt./Lbs. 66,000 Unseated Str Wt./Lbs. _____
 Anchor Length 42' Wt. Set Lbs. 24,000 Wt. Pulled Loose/Lbs. _____
 Top Packer Depth 4663' Tool Weight 2100 # _____
 Bottom Packer Depth 4668' Hole Size 7 7/8" Rubber Size 6 3/4" _____
 Total Depth 4710' Wt. Pipe Run None Drill Collar Run None _____
 Mud Wt. 9.4 LCM 2# Vis. 48 WL 9.8cc Drill Pipe Size 4 1/2" Ft. Run 4652 _____
 Blow Description IF: Fair blow. Slow increase to 8" ISIN blow.

FF: Weak to fair blow. Slow increase to 6". FSI: No blow

Recovery - Total Feet 248 GIP Trace Ft. in DC 0 Ft. in DP 248
 Rec. 90 Feet of Mud / Good order %gas _____ %oil _____ %water _____ %mud _____
 Rec. 158 Feet of MW %gas _____ %oil 89 %water 11 %mud _____
 Rec. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud _____
 Rec. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud _____
 Rec. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud _____
 BHT 124 °F Gravity N/A °API D @ _____ °F Corrected Gravity N/A °API _____
 RW .14 @ 53 °F Chlorides 79,000 ppm Recovery _____ Chlorides 7,000 ppm System _____

AK-1	Alpine	Recorder No.	8167	Test	✓ 1200
(A) Initial Hydrostatic Mud	2304 PSI	(depth)	4669'	Jars	✓ 250
(B) First Initial Flow Pressure	27 PSI	Recorder No.	11019	Safety Jt.	✓ 75
(C) First Final Flow Pressure	86 PSI	(depth)	4705'	Circ Sub	_____
(D) Initial Shut-In Pressure	1720 PSI	Recorder No.	_____	Sampler	_____
(E) Second Initial Flow Pressure	92 PSI	(depth)	_____	Straddle	_____
(F) Second Final Flow Pressure	136 PSI	Initial Opening	30	Ext. Packer	_____
(G) Final Shut-In Pressure	1708 PSI	Initial Shut-In	60	Shale Packer	✓ 200
(Q) Final Hydrostatic Mud	2266 PSI	Final Flow	30	Ruined Packer	_____

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Approved By Tim Pince
 Our Representative Gary R. Watkins

T-On Location

T-Started 1123
 T-Open 1258
 T-Pulled 1603
 T-Out 1758

Mileage 88 ✓ 110
 Sub Total: 1835.0
 Std. By _____
 Acc. Chg: _____
 Other: _____
 Total: 1835.0

CHART PAGE

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

