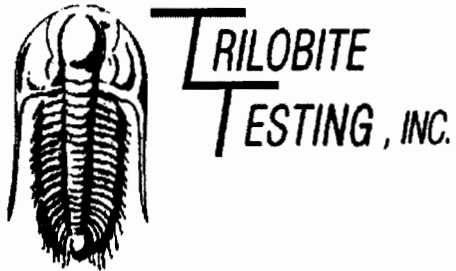


15-007-22877



DRILL STEM TEST REPORT

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

P.O. Box 195
Attica Ks. 67009

ORIGINAL
ATTN: Tim Pierce

27-32s-10w Barber Ks

Werner A#1

Start Date: 2005.02.05 @ 05:01:37

End Date: 2005.02.05 @ 11:24:52

Job Ticket #: 20003 DST #: 1

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

ORIGINAL


**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

R&B Oil & Gas

P.O.Box 195
Attica Ks. 67009

ATTN: Tim Pierce

Werner A#1

27-32s-10w Barber Ks

Job Ticket: 20003

DST#: 1

Test Start: 2005.02.05 @ 05:01:37

GENERAL INFORMATION:

Formation: Miss.

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 06:39:22

Time Test Ended: 11:24:52

Interval: 4365.00 ft (KB) To 4390.00 ft (KB) (TVD)

Total Depth: 4390.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Test Type: Conventional Bottom Hole

Tester: Gary Pevoteaux

Unit No: 23

Reference Elevations: 1448.00 ft (KB)

1440.00 ft (CF)

KB to GR/CF: 8.00 ft

Serial #: 6755

Inside

Press@RunDepth: 17.31 psig @ 4366.00 ft (KB)

Start Date: 2005.02.05

End Date:

2005.02.05

Start Time: 05:01:42

End Time:

11:24:51

Capacity: 7000.00 psig

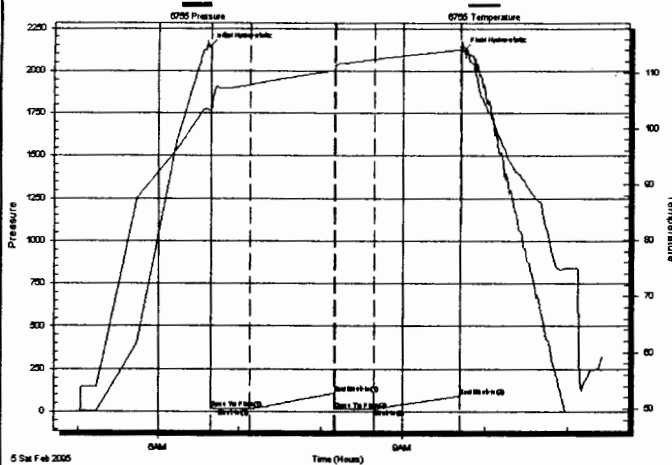
Last Calib.: 2005.02.05

Time On Btmr: 2005.02.05 @ 06:37:37

Time Off Btmr: 2005.02.05 @ 09:43:37

TEST COMMENT: IF:Weak blow . 1/2 - 2".
 IS:No blow .
 FF:Weak blow . 1 1/2" - 2".
 FS:No blow .

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2143.07	103.24	Initial Hydro-static
2	19.95	102.70	Open To Flow (1)
31	15.34	107.79	Shut-In(1)
93	110.11	110.34	End Shut-In(1)
93	14.61	110.97	Open To Flow (2)
122	17.31	112.33	Shut-In(2)
185	93.54	114.07	End Shut-In(2)
186	2118.97	114.67	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	Drig.mud	0.14
0.00	140 ft. of gas in pipe	0.00

Gas Rates

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

 TRILOBITE TESTING, INC	DRILL STEM TEST REPORT		TOOL DIAGRAM
	R&B Oil & Gas P.O.Box 195 Attica Ks. 67009 ATTN: Tim Pierce	Werner A#1 27-32s-10w Barber Ks Job Ticket: 20003 DST#: 1 Test Start: 2005.02.05 @ 05:01:37	

Tool Information			
Drill Pipe:	Length: 4370.00 ft	Diameter: 3.80 inches	Volume: 61.30 bbl
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl
		Total Volume: 61.30 bbl	
Drill Pipe Above KB:	25.00 ft		
Depth to Top Packer:	4365.00 ft		
Depth to Bottom Packer:	ft		
Interval between Packers:	25.00 ft		
Tool Length:	45.00 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			4346.00	
Shut In Tool	5.00			4351.00	
Hydraulic tool	5.00			4356.00	
Packer	4.00			4360.00	20.00 Bottom Of Top Packer
Packer	5.00			4365.00	
Stubb	1.00			4366.00	
Recorder	0.00	6755	Inside	4366.00	
Perforations	19.00			4385.00	
Recorder	0.00	13222	Outside	4385.00	
Bullnose	5.00			4390.00	25.00 Bottom Packers & Anchor
Total Tool Length:	45.00				



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

R&B Oil & Gas

Werner A#1

P.O.Box 195
Attica Ks. 67009

27-32s-10w Barber Ks

Job Ticket: 20003

DST#: 1

ATTN: Tim Pierce

Test Start: 2005.02.05 @ 05:01:37

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: 46.00 sec/qt

Cushion Volume:

bbl

Water Loss: 11.58 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
10.00	Drig.mud	0.140
0.00	140 ft. of gas in pipe	0.000

Total Length: 10.00 ft

Total Volume: 0.140 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #: none

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 6755

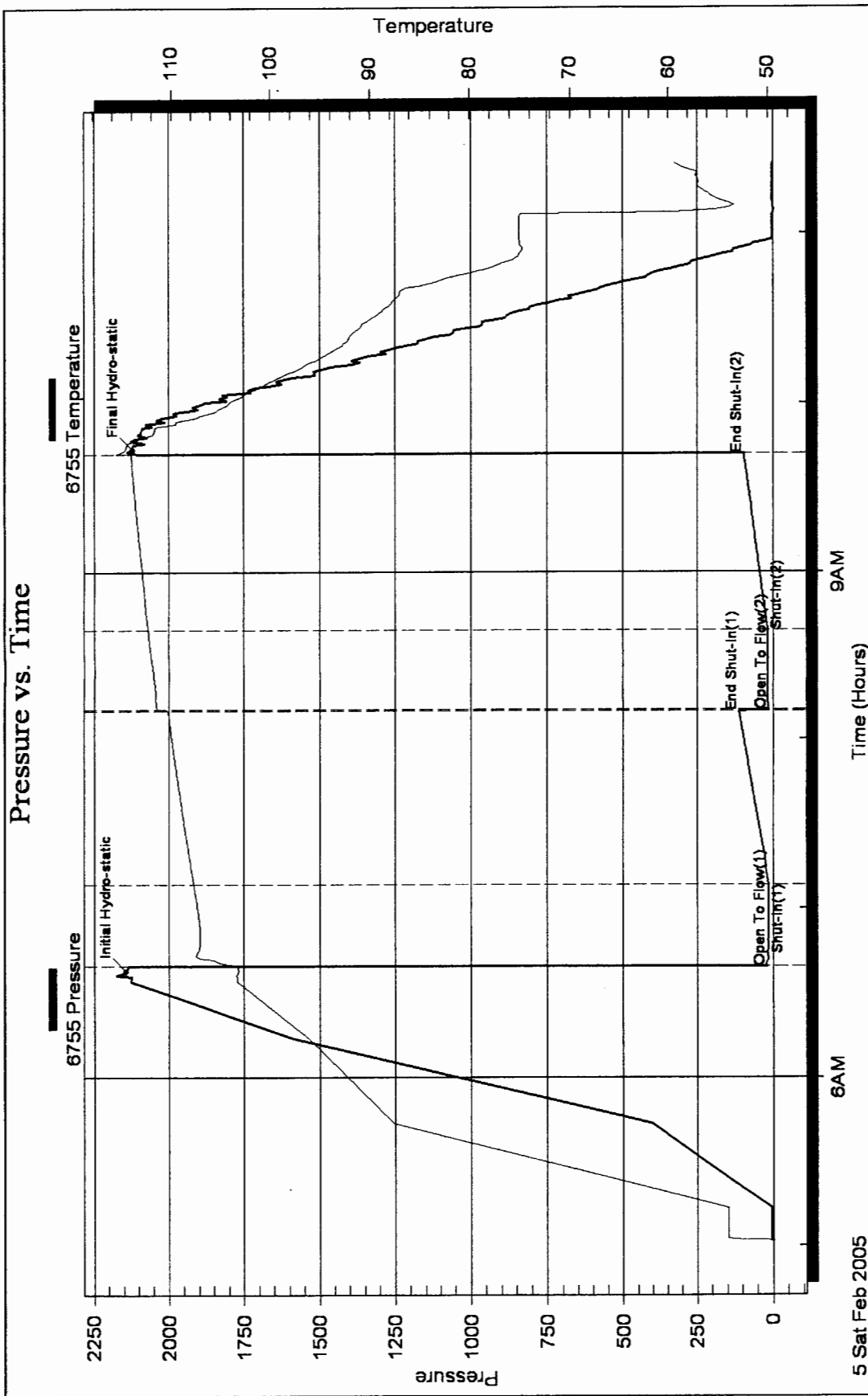
Inside

R&B Oil & Gas

27-32s-10w Barber Ks

DST Test Number: 1

Pressure vs. Time





TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

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

P.O.Box 195
Attica Ks. 67009

ATTN: Tim Pierce

27-32s-10w Barber Ks

Werner A#1

Start Date: 2005.02.05 @ 18:14:34

End Date: 2005.02.06 @ 01:49:04

Job Ticket #: 20004 DST #: 2

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

P.O.Box 195
Attica Ks. 67009

ATTN: Tim Pierce

Werner A#1

27-32s-10w Barber Ks

Job Ticket: 20004

DST#: 2

Test Start: 2005.02.05 @ 18:14:34

GENERAL INFORMATION:

Formation: **Miss.**

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

Time Tool Opened: 20:10:19

Time Test Ended: 01:49:04

Test Type: **Conventional Bottom Hole**

Tester: **Gary Pevoteaux**

Unit No: **23**

Interval: **4388.00 ft (KB) To 4398.00 ft (KB) (TVD)**

Total Depth: **4398.00 ft (KB) (TVD)**

Hole Diameter: **7.88 inches** Hole Condition: **Fair**

Reference Elevations: **1448.00 ft (KB)**

1440.00 ft (CF)

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

Serial #: 6755

Inside

Press@RunDepth: **400.95 psig @ 4389.00 ft (KB)**

Start Date: **2005.02.05**

End Date:

2005.02.06

Start Time: **18:14:39**

End Time:

01:49:03

Capacity: **7000.00 psig**

Last Calib.: **2005.02.06**

Time On Btm: **2005.02.05 @ 20:05:49**

Time Off Btm: **2005.02.05 @ 23:13:34**

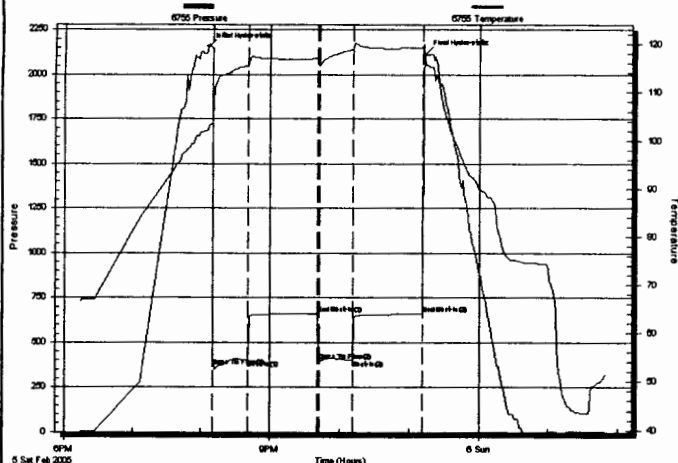
TEST COMMENT: **IF: Strong blow. GTS in 1.75 mins. (see gas volume report)**

IS: Weak blow. 1/4".

FF: Strong blow. (see gas volume report)

FS: Fair blow. 2 - 6".

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2156.71	102.19	Initial Hydro-static
5	362.87	104.23	Open To Flow (1)
35	400.53	115.51	Shut-In (1)
96	659.50	117.00	End Shut-In (1)
97	399.33	115.51	Open To Flow (2)
125	400.95	118.89	Shut-In (2)
186	658.54	119.27	End Shut-In (2)
188	2115.31	116.05	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
145.00	OGO 10%g 90%o	2.03
40.00	OCMW 10%o 40%m 50%w	0.56

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.75	100.00	1786.91
Last Gas Rate	0.75	103.00	1833.77
Max. Gas Rate	0.75	108.00	1911.87



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

R&B Oil & Gas

Werner A#1

P.O.Box 195
Attica Ks. 67009

27-32s-10w Barber Ks

Job Ticket: 20004

DST#: 2

ATTN: Tim Pierce

Test Start: 2005.02.05 @ 18:14:34

Tool Information

Drill Pipe:	Length: 4371.00 ft	Diameter: 3.80 inches	Volume: 61.31 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: 79000.00 lb
			Total Volume: 61.31 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	3.00 ft			String Weight: Initial 70000.00 lb
Depth to Top Packer:	4388.00 ft			Final 71000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	10.00 ft			
Tool Length:	30.00 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			4369.00	
Shut In Tool	5.00			4374.00	
Hydraulic tool	5.00			4379.00	
Packer	4.00			4383.00	20.00 Bottom Of Top Packer
Packer	5.00			4388.00	
Stubb	1.00			4389.00	
Recorder	0.00	6755	Inside	4389.00	
Perforations	4.00			4393.00	
Recorder	0.00	13222	Outside	4393.00	
Bullnose	5.00			4398.00	10.00 Bottom Packers & Anchor
Total Tool Length:		30.00			



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

R&B Oil & Gas

Werner A#1

P.O.Box 195
Attica Ks. 67009

27-32s-10w Barber Ks

Job Ticket: 20004

DST#: 2

ATTN: Tim Pierce

Test Start: 2005.02.05 @ 18:14:34

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

30 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

3000 ppm

Viscosity: 46.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.99 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 3000.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
145.00	OGO 10%g 90%o	2.034
40.00	OCMW 10%o 40%m 50%w	0.561

Total Length: 185.00 ft

Total Volume: 2.595 bbl

Num Fluid Samples: 0

Num Gas Bombs: 1

Serial #: gp-2

Laboratory Name: Caraway

Laboratory Location: Liberal, KS

Recovery Comments:



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

GAS RATES

R&B Oil & Gas

Werner A#1

P.O.Box 195
Attica Ks. 67009

27-32s-10w Barber Ks

Job Ticket: 20004

DST#: 2

ATTN: Tim Pierce

Test Start: 2005.02.05 @ 18:14:34

Gas Rates Information

Temperature: 59 deg C

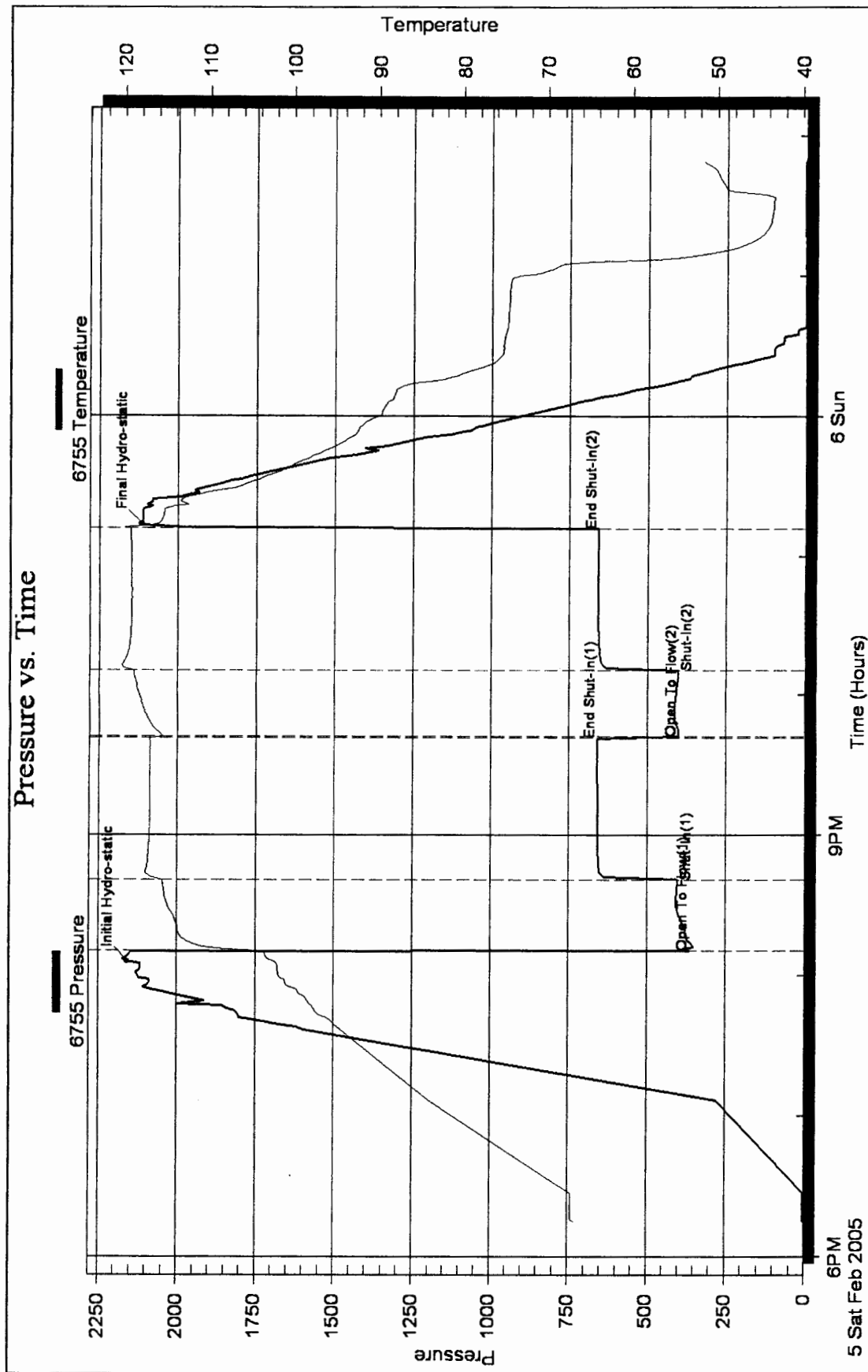
Relative Density: 0.65

Z Factor: 0.8

Gas Rates Table

Flow Period	Elapsed Time	Choke (mm)	Pressure (kPaa)	Gas Rate (m ³ /d)
1	10	0.75	100.00	1786.91
1	20	0.75	106.00	1880.63
1	30	0.75	104.00	1849.39
2	10	0.75	102.00	1818.15
2	20	0.75	108.00	1911.87
2	30	0.75	103.00	1833.77

Pressure vs. Time





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

No 20003

05/03

Test Ticket

Well Name & No. Werner A#1 Test No. 1 Date 2-5-05
Company R & B Oil & Gas Zone Tested Miss.
Address P.O. Box 195 Atchita, KS 67009 Elevation 1448 KB 1440 GL
Co. Rep / Geo. Tim Prince Cont. Duke Dalg #2 Est. Ft. of Pay _____ Por. _____ %
Location: Sec. 27 Twp. 32S Rge. 10W Co. Barber State Ks.
No. of Copies 5 Distribution Sheet (Y, N) N Turnkey (Y, N) _____ Evaluation (Y, N) _____

Interval Tested 4365 - 4390' Initial Str Wt./Lbs. 12,000 Unseated Str Wt./Lbs. 12,000
Anchor Length 25' Wt. Set Lbs. 20,000 Wt. Pulled Loose/Lbs. 11,000
Top Packer Depth 4360' Tool Weight 2100 #
Bottom Packer Depth 4345' Hole Size 7 7/8" Rubber Size 6 3/4"
Total Depth 4390' Wt. Pipe Run None Drill Collar Run None
Mud Wt. 9.3 LCM 3# Vis. 46 WL 11.600 Drill Pipe Size 4 1/2" Ft. Run 4370'
Blow Description IF: Weak blow 1 1/2 - 2" ISI: No blow

EF: Weak blow 1 1/2 - 2" FSI: No blow

Recovery - Total Feet 10 GIP 140 Ft. in DC 0 Ft. in DP 10
Rec. 10 Feet of Orig. 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 114 °F Gravity N/A °API D @ _____ °F Corrected Gravity N/A °API
RW N/C. @ _____ °F Chlorides 5,000 ppm Recovery _____ Chlorides 5,000 ppm System

	AK-1	Alpine	Recorder No.	Test
(A) Initial Hydrostatic Mud		<u>2143</u> PSI	<u>6755</u>	<u>✓ 1000</u>
(B) First Initial Flow Pressure		<u>20</u> PSI	(depth) <u>4366'</u>	Elec. Rec. <u>✓</u>
(C) First Final Flow Pressure		<u>15</u> PSI	Recorder No. <u>13222</u>	Jars _____
(D) Initial Shut-In Pressure		<u>110</u> PSI	(depth) <u>4385'</u>	Safety Jt. _____
(E) Second Initial Flow Pressure		<u>15</u> PSI	Recorder No. <u>---</u>	Circ Sub _____
(F) Second Final Flow Pressure		<u>17</u> PSI	(depth) <u>---</u>	Sampler _____
(G) Final Shut-In Pressure		<u>94</u> PSI	Initial Opening <u>30</u>	Straddle _____
(Q) Final Hydrostatic Mud		<u>2119</u> PSI	Initial Shut-In <u>60</u>	Ext. Packer _____

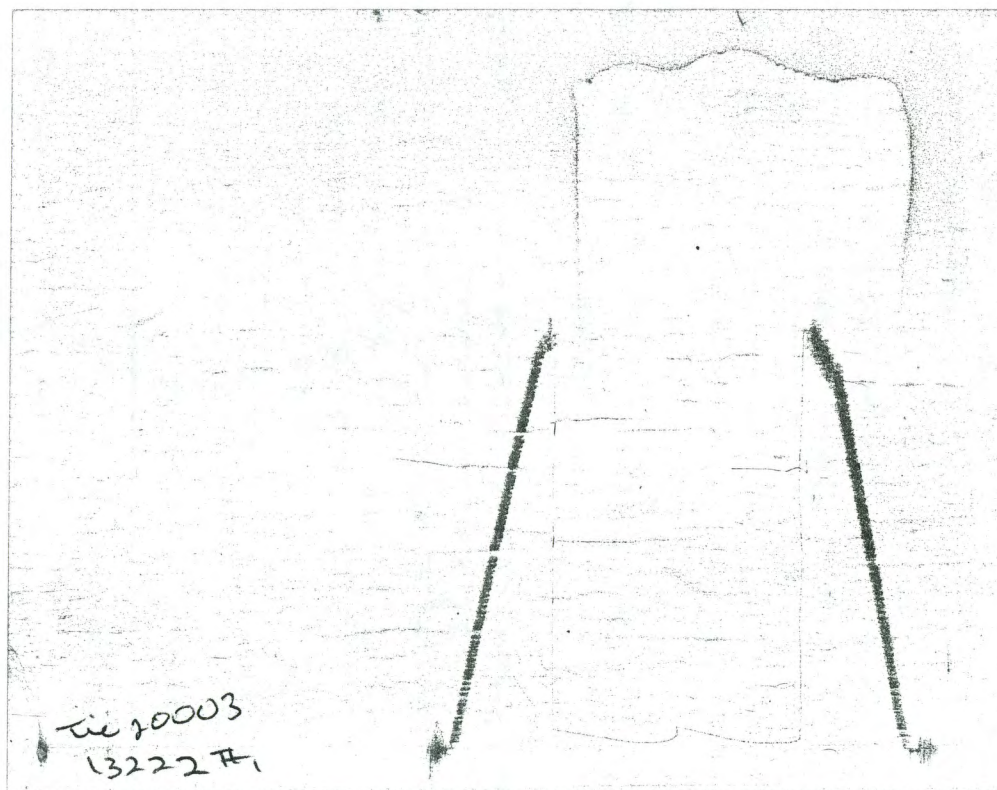
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Approved By Tim Prince
Our Representative Gary Twohary

Final Flow 30
Final Shut-In 60
T-On Location 0430
T-Started 0501
T-Open 0639
T-Pulled 0944
T-Out 1124
Shale Packer _____
Mileage ✓ 95
Sub Total: 1095
Std. By _____
Other _____
Total: ✓ 1095.00

CHART PAGE

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





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

No 20004

05/03

Test Ticket

Well Name & No. <u>Wanna A #1</u>	Test No. <u>2</u>	Date <u>2-5-05</u>
Company <u>R & B Oil & Gas</u>	Zone Tested <u>Miss.</u>	
Address <u>P.O. Box 195, Ottawa Ks. 67009</u>	Elevation <u>1448</u> KB <u>1440</u> GL	
Co. Rep / Geo. <u>Tim Pance</u>	Cont. <u>Duke Oleg. #2</u>	Est. Ft. of Pay _____ Por. _____ %
Location: Sec. <u>27</u> Twp. <u>32 S</u> Rge. <u>10 W</u> Co. <u>Barton</u> State <u>Ks.</u>		
No. of Copies <u>5</u> Distribution Sheet (Y, N) <u>N</u> Turnkey (Y, N) _____ Evaluation (Y, N) _____		

Interval Tested <u>4388 - 4398'</u>	Initial Str Wt./Lbs. <u>70,000</u>	Unseated Str Wt./Lbs. <u>71,000</u>
Anchor Length <u>10'</u>	Wt. Set Lbs. <u>20,000</u>	Wt. Pulled Loose/Lbs. <u>79,000</u>
Top Packer Depth <u>4383'</u>	Tool Weight <u>2100 #</u>	
Bottom Packer Depth <u>4388'</u>	Hole Size <u>7 7/8"</u>	Rubber Size <u>6 3/4"</u>
Total Depth <u>4398'</u>	Wt. Pipe Run <u>None</u>	Drill Collar Run <u>None</u>
Mud Wt. <u>9.2</u> LCM <u>2#</u> Vis. <u>46</u> WL <u>8.0</u>	Drill Pipe Size <u>4 1/2"</u>	Ft. Run <u>4371'</u>
Blow Description <u>IF: Strong blow. GTS in 1.75 mins. (see gas volume report)</u>		
<u>ISI: Weak blow. 4 1/2"</u>		
<u>FF: Strong blow. (see gas volume report)</u>		
<u>2-6". FSI: Fair blow.</u>		

Recovery - Total Feet <u>185</u>	GIP <u>yes</u>	Ft. in DC <u>0</u>	Ft. in DP _____
Rec. <u>145</u> Feet of <u>CCO</u>	10% gas <u>90</u> %oil _____ %water _____ %mud _____		
Rec. <u>40</u> Feet of <u>OCMU</u>	%gas <u>10</u> %oil <u>50</u> %water <u>40</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>119</u> °F Gravity <u>38</u>	°API D @ <u>43</u>	°F Corrected Gravity <u>30</u>	°API _____
RW <u>NIL</u> @ _____ °F	Chlorides <u>N.C.</u> ppm Recovery _____	Chlorides <u>3,000</u> ppm System	

(A) Initial Hydrostatic Mud <u>2157</u> PSI	Recorder No. <u>6755</u>	Test <u>✓ 1000</u>
(B) First Initial Flow Pressure <u>363</u> PSI	(depth) <u>4389'</u>	Elec. Rec. <u>✓</u>
(C) First Final Flow Pressure <u>401</u> PSI	Recorder No. <u>13222</u>	Jars _____
(D) Initial Shut-In Pressure <u>660</u> PSI	(depth) <u>4393'</u>	Safety Jt. _____
(E) Second Initial Flow Pressure <u>399</u> PSI	Recorder No. _____	Circ Sub _____
(F) Second Final Flow Pressure <u>401</u> PSI	(depth) _____	Sampler _____
(G) Final Shut-In Pressure <u>659</u> PSI	Initial Opening <u>30</u>	Straddle _____
(Q) Final Hydrostatic Mud <u>2115</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>✓ 95</u>
	T-On Location <u>1750</u>	Sub Total: <u>1095.00</u>
	T-Started <u>1814</u>	Std. By _____
	T-Open <u>2010</u>	Other _____
	T-Pulled <u>2315</u>	Total: <u>1095.00</u>
	T-Out <u>0149</u>	

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Approved By Tim Pance

Our Representative Tim Pance



P.O. Box 362 • Hays, Kansas 67601 • (785) 625-4778

GAS VOLUME REPORT

Werner A# 1

OPERATOR

WELL NAME AND NO.

DST NO.

Initial Open

Final Opers

Remarks:

CHART PAGE

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

