



DRILL STEM TEST REPORT

Prepared For: **John O. Farmer Inc.**

Box 352
Russell KS 67665

ATTN: Dave Goldak

31/28/40

Plummer "B" #1

Start Date: 2006.03.19 @ 18:15:04

End Date: 2006.03.20 @ 02:44:19

Job Ticket #: 22931 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

John O. Farmer Inc.

Box 352
Russell KS 67665

ATTN: Dave Goldak

Plummer "B" #1

31/28/40

Job Ticket: 22931

DST#: 1

Test Start: 2006.03.19 @ 18:15:04

GENERAL INFORMATION:

Formation: **Lower Morrow Sand**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 21:58:49

Time Test Ended: 02:44:19

Test Type:

Tester: Harley Davidson

Unit No: 33

Interval: **5374.00 ft (KB) To 5444.00 ft (KB) (TVD)**

Total Depth: 5444.00 ft (KB) (TVD)

Hole Diameter: 7.78 inches Hole Condition: Fair

Reference Elevations: 3333.00 ft (KB)

3323.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 6751 Inside

Press@RunDepth: psig @ 5411.00 ft (KB)

Start Date: 2006.03.19

End Date: 2006.03.20

Capacity: 7000.00 psig

Last Calib.: 1899.12.30

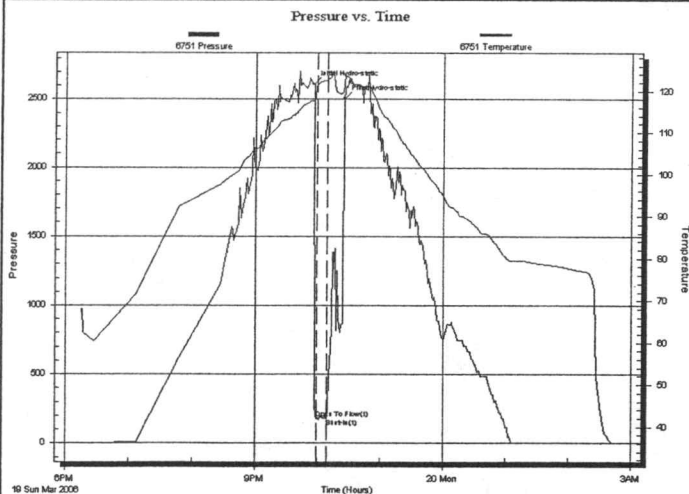
Start Time: 18:15:05

End Time: 02:44:19

Time On Btm: 2006.03.19 @ 21:54:49

Time Off Btm: 2006.03.19 @ 22:24:49

TEST COMMENT: IF- Strong blow BOB, ASAO, GTS 4min, Packers failed had to come out of hole, MISS RUN.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2609.79	117.76	Initial Hydro-static
4	180.75	121.34	Open To Flow (1)
14	181.15	122.61	Shut-In (1)
30	2504.07	121.80	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.50	45.00	400.69
Last Gas Rate	0.50	25.00	265.78



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

John O. Farmer Inc.

Plummer "B" #1

Box 352
Russell KS 67665

31/28/40

Job Ticket: 22931

DST#: 1

ATTN: Dave Goldak

Test Start: 2006.03.19 @ 18:15:04

Tool Information

Drill Pipe:	Length: 5083.00 ft	Diameter: 3.80 inches	Volume: 71.30 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 280.00 ft	Diameter: 2.25 inches	Volume: 1.38 bbl	Weight to Pull Loose: 135000.0 lb
		Total Volume:	72.68 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	20.00 ft			String Weight: Initial 95000.00 lb
Depth to Top Packer:	5374.00 ft			Final 110000.0 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	70.00 ft			
Tool Length:	101.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		
Tool Comments:				

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	2.00			5345.00	
Shut In Tool	5.00			5350.00	
Sampler	3.00			5353.00	
Hydraulic tool	5.00			5358.00	
Jars	5.00			5363.00	
Safety Joint	2.00			5365.00	
Packer	5.00			5370.00	31.00 Bottom Of Top Packer
Packer	4.00			5374.00	
Stubb	1.00			5375.00	
Perforations	2.00			5377.00	
Change Over Sub	1.00			5378.00	
Drill Pipe	32.00			5410.00	
Change Over Sub	1.00			5411.00	
Recorder	0.00	6751	Inside	5411.00	
Perforations	29.00			5440.00	
Recorder	0.00	6724	Outside	5440.00	
Bullnose	4.00			5444.00	70.00 Bottom Packers & Anchor
Total Tool Length:	101.00				



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

John O. Farmer Inc.

Box 352
Russell KS 67665

ATTN: Dave Goldak

Plummer "B" #1

31/28/40

Job Ticket: 22931

DST#: 1

Test Start: 2006.03.19 @ 18:15:04

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 54.00 sec/qt

Water Loss: 7.16 in³

Resistivity: ohm.m

Salinity: 800.00 ppm

Filter Cake: inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

Oil API:

Water Salinity:

deg API

ppm

ft

bbl

psig

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:

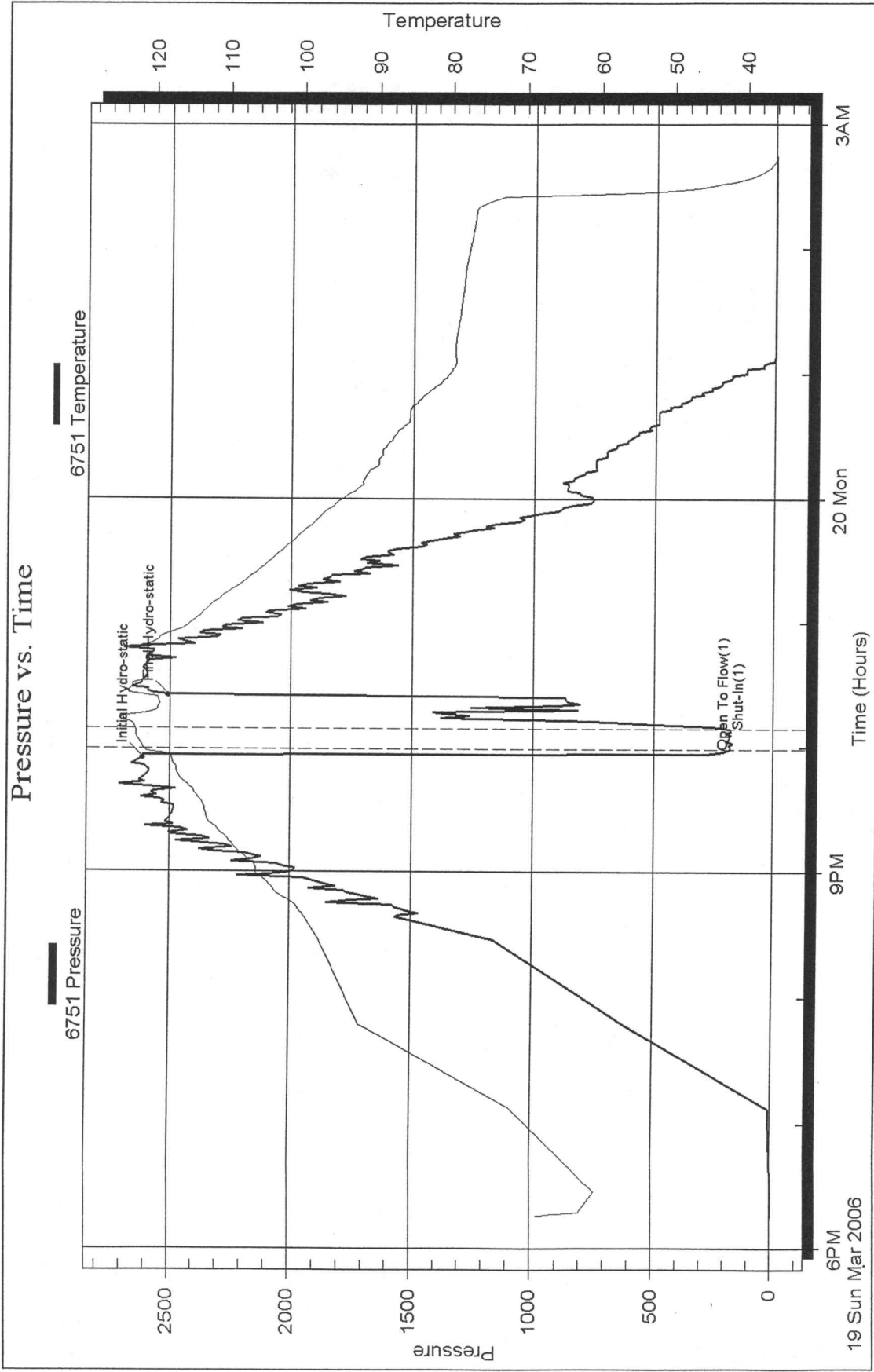
Serial #: 6751

Inside

John O. Farmer Inc.

31/28/40

DST Test Number: 1



Trilobite Testing, Inc

Ref. No: 22931

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DRILL STEM TEST REPORT

Prepared For: **John O. Farmer Inc.**

Box 352
Russell KS 67665

ATTN: Dave Goldak

31/28/40

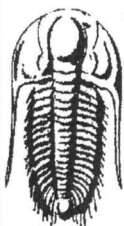
Plummer "B" #1

Start Date: 2006.03.20 @ 03:45:06

End Date: 2006.03.20 @ 11:42:21

Job Ticket #: 22934 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

John O. Farmer Inc.

Box 352
Russell KS 67665

ATTN: Dave Goldak

Plummer "B" #1

31/28/40

Job Ticket: 22934

DST#: 2

Test Start: 2006.03.20 @ 03:45:06

GENERAL INFORMATION:

Formation: **L Morrow**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 07:06:51

Time Test Ended: 11:42:21

Test Type: Conventional Bottom Hole

Tester: Harley Davidson

Unit No: 33

Interval: **5380.00 ft (KB) To 5444.00 ft (KB) (TVD)**

Total Depth: 5444.00 ft (KB) (TVD)

Hole Diameter: 7.78 inches Hole Condition: Fair

Reference Elevations: 3333.00 ft (KB)

3323.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 6751 Inside

Press@RunDepth: psig @ 5383.00 ft (KB)

Start Date: 2006.03.20

End Date:

2006.03.20

Start Time: 03:45:07

End Time:

11:42:21

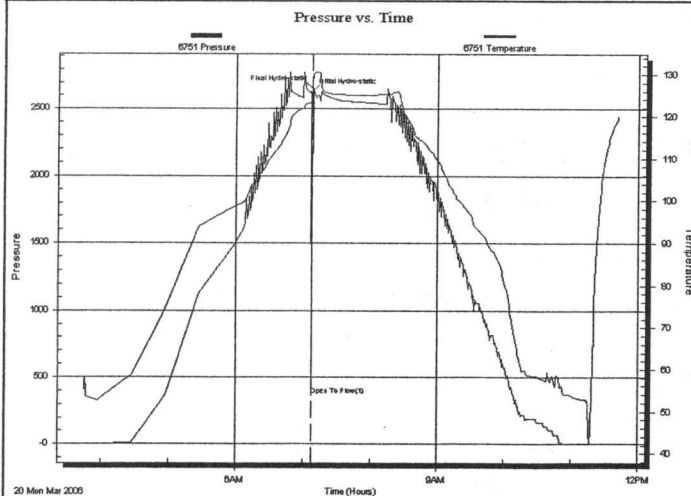
Capacity: 7000.00 psig

Last Calib.: 1899.12.30

Time On Btm: 2006.03.20 @ 07:06:06

Time Off Btm: 2006.03.20 @ 07:08:21

TEST COMMENT: IF- Miss RUN, No Packer seat.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2622.39	123.31	Initial Hydro-static
1	362.53	123.18	Open To Flow (1)
3	2644.88	129.99	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

John O. Farmer Inc.

Box 352
Russell KS 67665

ATTN: Dave Goldak

Plummer "B" #1

31/28/40

Job Ticket: 22934

DST#: 2

Test Start: 2006.03.20 @ 03:45:06

Tool Information

Drill Pipe:	Length: 5089.00 ft	Diameter: 3.80 inches	Volume: 71.39 bbl	Tool Weight:	2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer:	25000.00 lb
Drill Collar:	Length: 280.00 ft	Diameter: 2.25 inches	Volume: 1.38 bbl	Weight to Pull Loose:	160000.0 lb
		Total Volume:	72.77 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	20.00 ft			String Weight: Initial	90000.00 lb
Depth to Top Packer:	5380.00 ft			Final	92000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	64.00 ft				
Tool Length:	95.00 ft				
Number of Packers:	2	Diameter:	6.75 inches		
Tool Comments:					

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	2.00			5351.00	
Shut In Tool	5.00			5356.00	
Sampler	3.00			5359.00	
Hydraulic tool	5.00			5364.00	
Jars	5.00			5369.00	
Safety Joint	2.00			5371.00	
Packer	5.00			5376.00	31.00 Bottom Of Top Packer
Packer	4.00			5380.00	
Stubb	1.00			5381.00	
Perforations	2.00			5383.00	
Recorder	0.00	6751	Inside	5383.00	
Perforations	57.00			5440.00	
Recorder	0.00	6724	Outside	5440.00	
Bullnose	4.00			5444.00	64.00 Bottom Packers & Anchor

Total Tool Length: 95.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

John O. Farmer Inc.

Plummer "B" #1

Box 352
Russell KS 67665

31/28/40

Job Ticket: 22934

DST#: 2

ATTN: Dave Goldak

Test Start: 2006.03.20 @ 03:45:06

Mud and Cushion Information

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

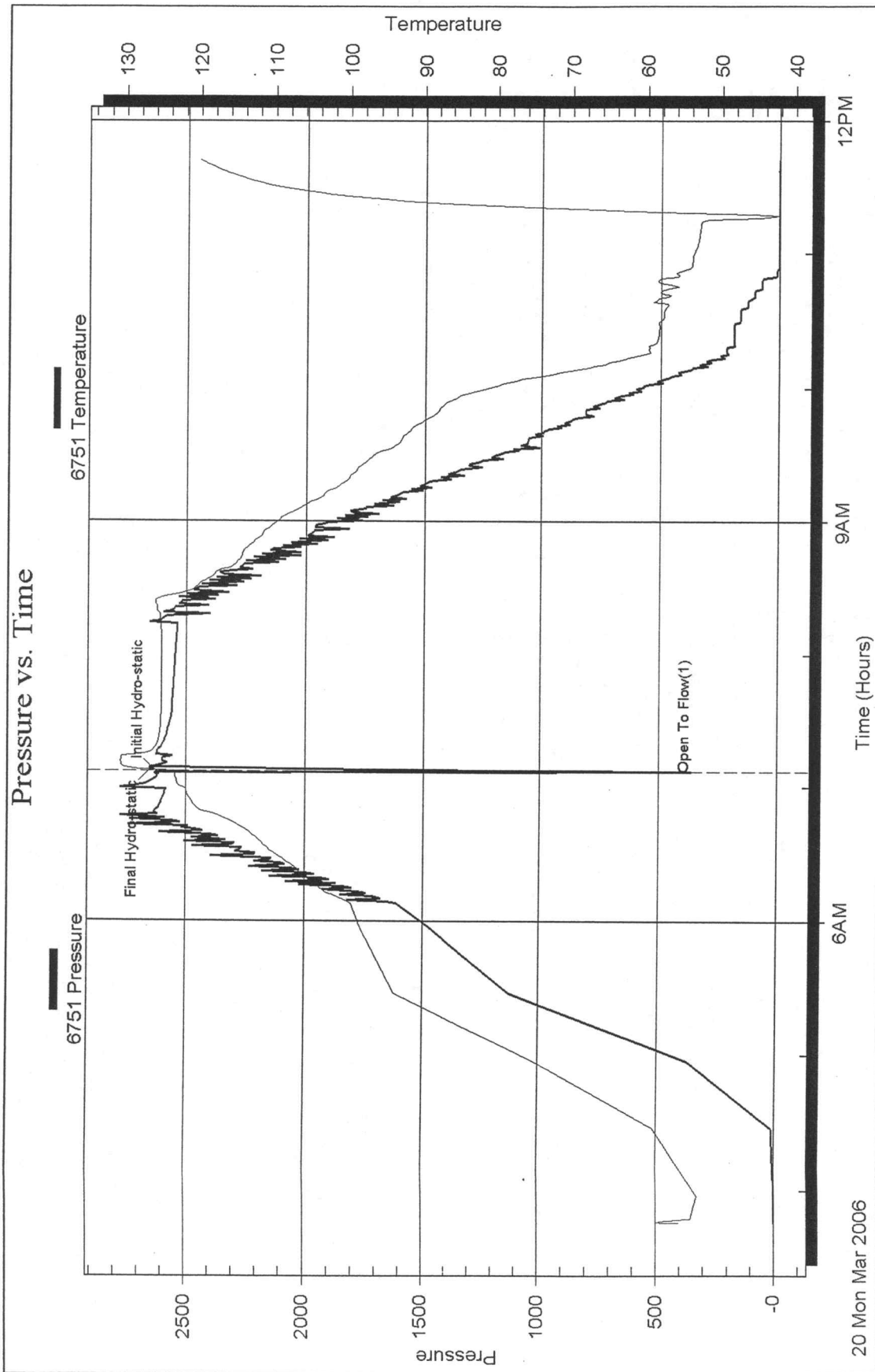
Serial #: 6751

Inside

John O. Farmer Inc.

3/128/40

DST Test Number: 2



Trilobite Testing, Inc

Ref. No: 22934

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DRILL STEM TEST REPORT

Prepared For: **John O. Farmer Inc.**

Box 352
Russell KS 67665

ATTN: Dave Goldak

31/28/40

Plummer "B" #1

Start Date: 2006.03.20 @ 21:30:19

End Date: 2006.03.21 @ 10:33:04

Job Ticket #: 22932 DST #: 3

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

John O. Farmer Inc.

Box 352
Russell KS 67665

ATTN: Dave Goldak

Plummer "B" #1

31/28/40

Job Ticket: 22932

DST#: 3

Test Start: 2006.03.20 @ 21:30:19

GENERAL INFORMATION:

Formation: **L Morrow**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 01:34:04

Time Test Ended: 10:33:04

Interval: **5432.00 ft (KB) To 5444.00 ft (KB) (TVD)**

Total Depth: 5444.00 ft (KB) (TVD)

Hole Diameter: 7.78 inches Hole Condition: Fair

Test Type: Conventional Bottom Hole

Tester: Harley Davidson

Unit No: 33

Reference Elevations: 3333.00 ft (KB)

3323.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 6751 Inside

Press@RunDepth: 475.51 psig @ 5434.00 ft (KB)

Start Date: 2006.03.20

End Date:

2006.03.21

Start Time: 21:30:20

End Time:

10:33:04

Capacity: 7000.00 psig

Last Calib.: 1899.12.30

Time On Btm: 2006.03.21 @ 01:26:34

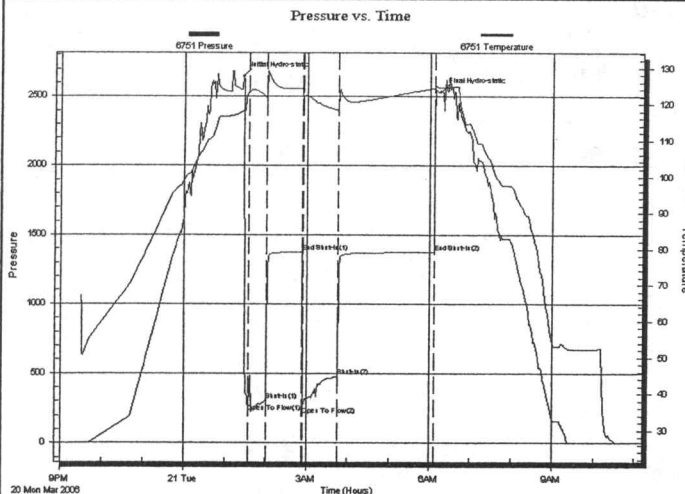
Time Off Btm: 2006.03.21 @ 06:16:04

TEST COMMENT: IF- Strong blow , BOB ASAO, GTS 14 min.

ISI- No blow back

FF- Strong blow , BOB, GTS, ASAO

FSI- No blow back.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2645.17	118.26	Initial Hydro-static
8	218.21	123.60	Open To Flow (1)
34	302.57	121.76	Shut-In (1)
87	1373.88	124.37	End Shut-In (1)
88	197.01	119.78	Open To Flow (2)
140	475.51	118.21	Shut-In (2)
280	1373.44	124.38	End Shut-In (2)
290	2534.81	124.56	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
62.00	Trace gas, 3% oil, 5% w ater, 92% mud.	0.30

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.25	6.00	32.36
Last Gas Rate	0.50	3.00	117.38
Max. Gas Rate	0.25	16.00	48.23



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

John O. Farmer Inc.

Plummer "B" #1

Box 352
Russell KS 67665

31/28/40

Job Ticket: 22932

DST#: 3

ATTN: Dave Goldak

Test Start: 2006.03.20 @ 21:30:19

Tool Information

Drill Pipe:	Length: 5146.00 ft	Diameter: 3.80 inches	Volume: 72.18 bbl	Tool Weight:	2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer:	25000.00 lb
Drill Collar:	Length: 280.00 ft	Diameter: 2.25 inches	Volume: 1.38 bbl	Weight to Pull Loose:	100000.0 lb
		Total Volume:	73.56 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	25.00 ft			String Weight: Initial	88000.00 lb
Depth to Top Packer:	5432.00 ft			Final	92000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	12.00 ft				
Tool Length:	43.00 ft				
Number of Packers:	2	Diameter:	6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	2.00			5403.00	
Shut In Tool	5.00			5408.00	
Sampler	3.00			5411.00	
Hydraulic tool	5.00			5416.00	
Jars	5.00			5421.00	
Safety Joint	2.00			5423.00	
Packer	5.00			5428.00	31.00 Bottom Of Top Packer
Packer	4.00			5432.00	
Stubb	1.00			5433.00	
Perforations	1.00			5434.00	
Recorder	0.00	6751	Inside	5434.00	
Perforations	6.00			5440.00	
Recorder	0.00	6724	Outside	5440.00	
Bullnose	4.00			5444.00	12.00 Bottom Packers & Anchor

Total Tool Length: 43.00



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

John O. Farmer Inc.

Plummer "B" #1

Box 352
Russell KS 67665

31/28/40

Job Ticket: 22932

DST#: 3

ATTN: Dave Goldak

Test Start: 2006.03.20 @ 21:30:19

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 54.00 sec/qt

Water Loss: 7.17 in³

Resistivity: ohm.m

Salinity: 800.00 ppm

Filter Cake: inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

Oil API:

Water Salinity:

deg API

ppm

ft

bbl

psig

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
62.00	Trace gas, 3% oil, 5% water, 92% mud.	0.305

Total Length: 62.00 ft Total Volume: 0.305 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: Sampler Data- 31 CFD, gas, @ 1300 psi. NO water, mud, oil,

Serial #: 6751

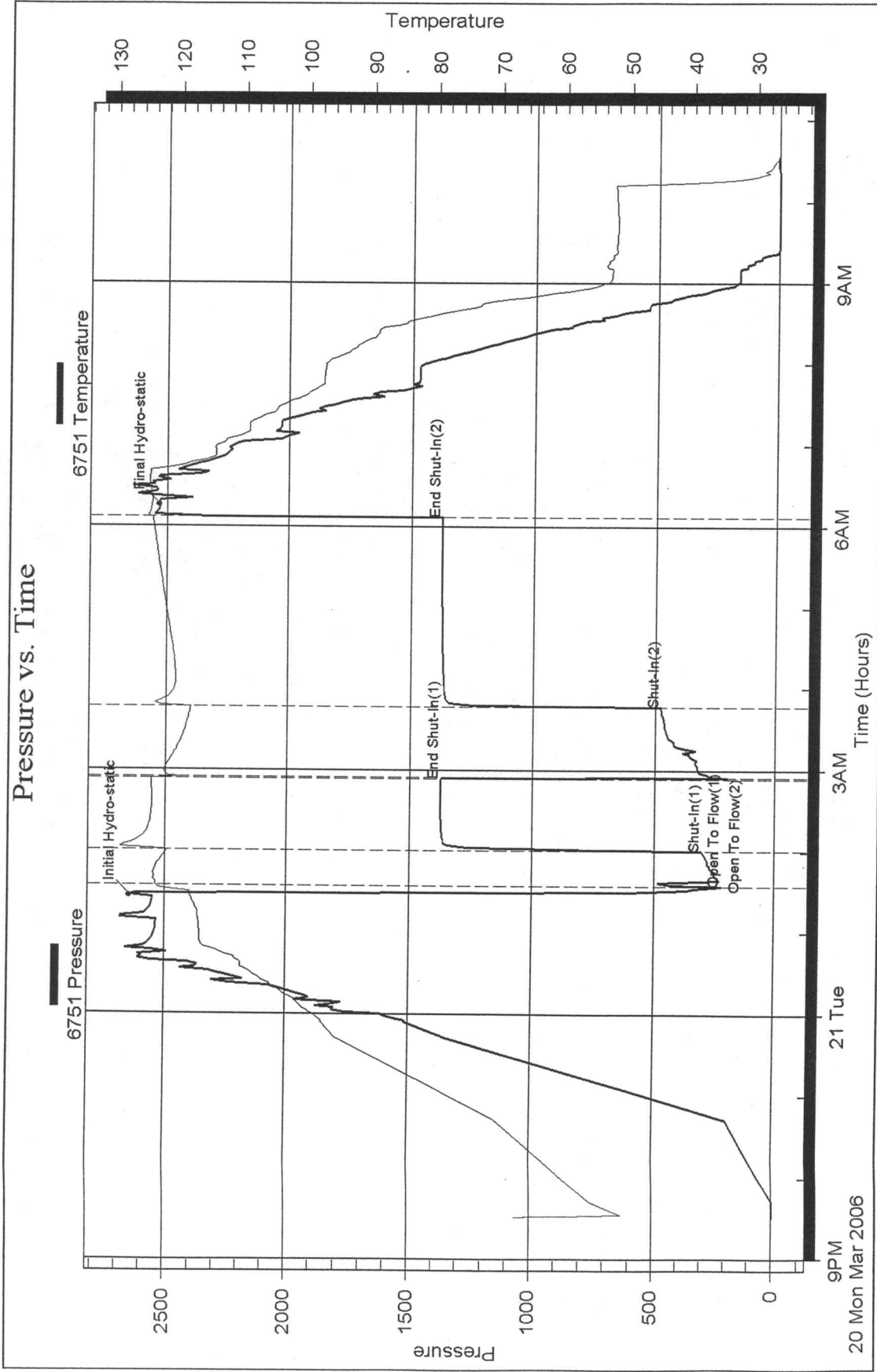
Inside

John O. Farmer Inc.

31/28/40

DST Test Number: 3

Pressure vs. Time





TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **John O. Farmer Inc.**

Box 352
Russell KS 67665

ATTN: Dave Goldak

31/28/40

Plummer "B" #1

Start Date: 2006.03.22 @ 02:45:32

End Date: 2006.03.22 @ 18:08:32

Job Ticket #: 22935 DST #: 4

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

John O. Farmer Inc.

Box 352
Russell KS 67665

ATTN: Dave Goldak

Plummer "B" #1

31/28/40

Job Ticket: 22935

DST#: 4

Test Start: 2006.03.22 @ 02:45:32

GENERAL INFORMATION:

Formation: **keyes**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 06:14:02

Time Test Ended: 18:08:32

Test Type: Conventional Bottom Hole

Tester: Harley Davidson

Unit No: 33

Interval: **5460.00 ft (KB) To 5483.00 ft (KB) (TVD)**

Total Depth: 5483.00 ft (KB) (TVD)

Hole Diameter: 7.78 inches Hole Condition: Fair

Reference Elevations: 3333.00 ft (KB)

3323.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 6751

Press@RunDepth: 1011.35 psig @ ft (KB)

Start Date: 2006.03.22

End Date: 2006.03.22

Start Time: 02:45:33

End Time: 18:08:32

Capacity: 7000.00 psig

Last Calib.: 1899.12.30

Time On Btm: 2006.03.22 @ 06:10:32

Time Off Btm: 2006.03.22 @ 11:02:47

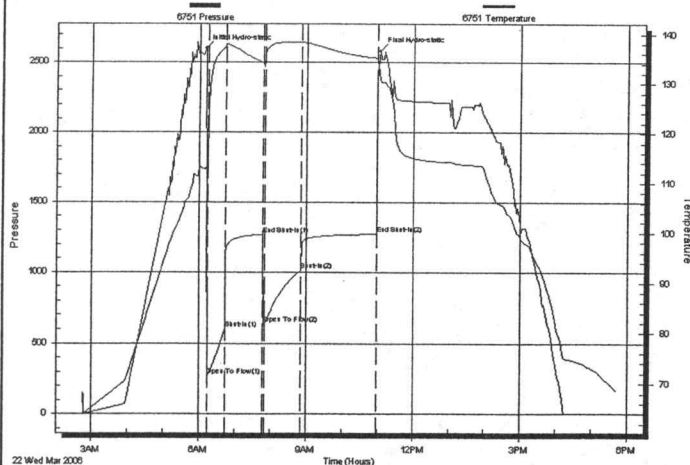
TEST COMMENT: IF - Strong Blow, BOB - ASAO, GTS - 10 min

ISF - BOB

FF - Strong blow, BOB, GTS, ASAO.

FSI - BOB

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2598.67	112.80	Initial Hydro-static
4	268.42	112.18	Open To Flow (1)
34	598.50	137.36	Shut-In(1)
97	1269.23	134.24	End Shut-In(1)
100	632.11	135.66	Open To Flow (2)
160	1011.35	138.29	Shut-In(2)
288	1271.96	135.14	End Shut-In(2)
293	2582.89	130.80	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
120.00	MCW Trace gas, 15% mud, 85% water	0.59
4630.00	10% gas, 90% oil,	63.49

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.25	5.00	30.78
Last Gas Rate	0.25	5.00	30.78



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

John O. Farmer Inc.

Plummer "B" #1

Box 352
Russell KS 67665

31/28/40

Job Ticket: 22935

DST#: 4

ATTN: Dave Goldak

Test Start: 2006.03.22 @ 02:45:32

Tool Information

Drill Pipe:	Length: 5179.00 ft	Diameter: 3.80 inches	Volume: 72.65 bbl	Tool Weight:	2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer:	25000.00 lb
Drill Collar:	Length: 280.00 ft	Diameter: 2.25 inches	Volume: 1.38 bbl	Weight to Pull Loose:	104000.0 lb
		Total Volume:	74.03 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	30.00 ft			String Weight: Initial	92000.00 lb
Depth to Top Packer:	5460.00 ft			Final	104000.0 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	23.00 ft				
Tool Length:	54.00 ft				
Number of Packers:	2	Diameter:	6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	2.00			5431.00	
Shut In Tool	5.00			5436.00	
Sampler	3.00			5439.00	
Hydraulic tool	5.00			5444.00	
Jars	5.00			5449.00	
Safety Joint	2.00			5451.00	
Packer	5.00			5456.00	31.00 Bottom Of Top Packer
Packer	4.00			5460.00	
Stubb	1.00			5461.00	
Perforations	2.00			5463.00	
Recorder	0.00	6571	Inside	5463.00	
Perforations	16.00			5479.00	
Recorder	0.00	6724	Outside	5479.00	
Bullnose	4.00			5483.00	23.00 Bottom Packers & Anchor

Total Tool Length: 54.00



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

John O. Farmer Inc.

Plummer "B" #1

Box 352
Russell KS 67665

31/28/40

Job Ticket: 22935

DST#: 4

ATTN: Dave Goldak

Test Start: 2006.03.22 @ 02:45:32

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:

40000 ppm

Viscosity: 49.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.58 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 800.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
120.00	MCW Trace gas, 15% mud, 85% water	0.590
4630.00	10% gas, 90% oil,	63.489

Total Length: 4750.00 ft

Total Volume: 64.079 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

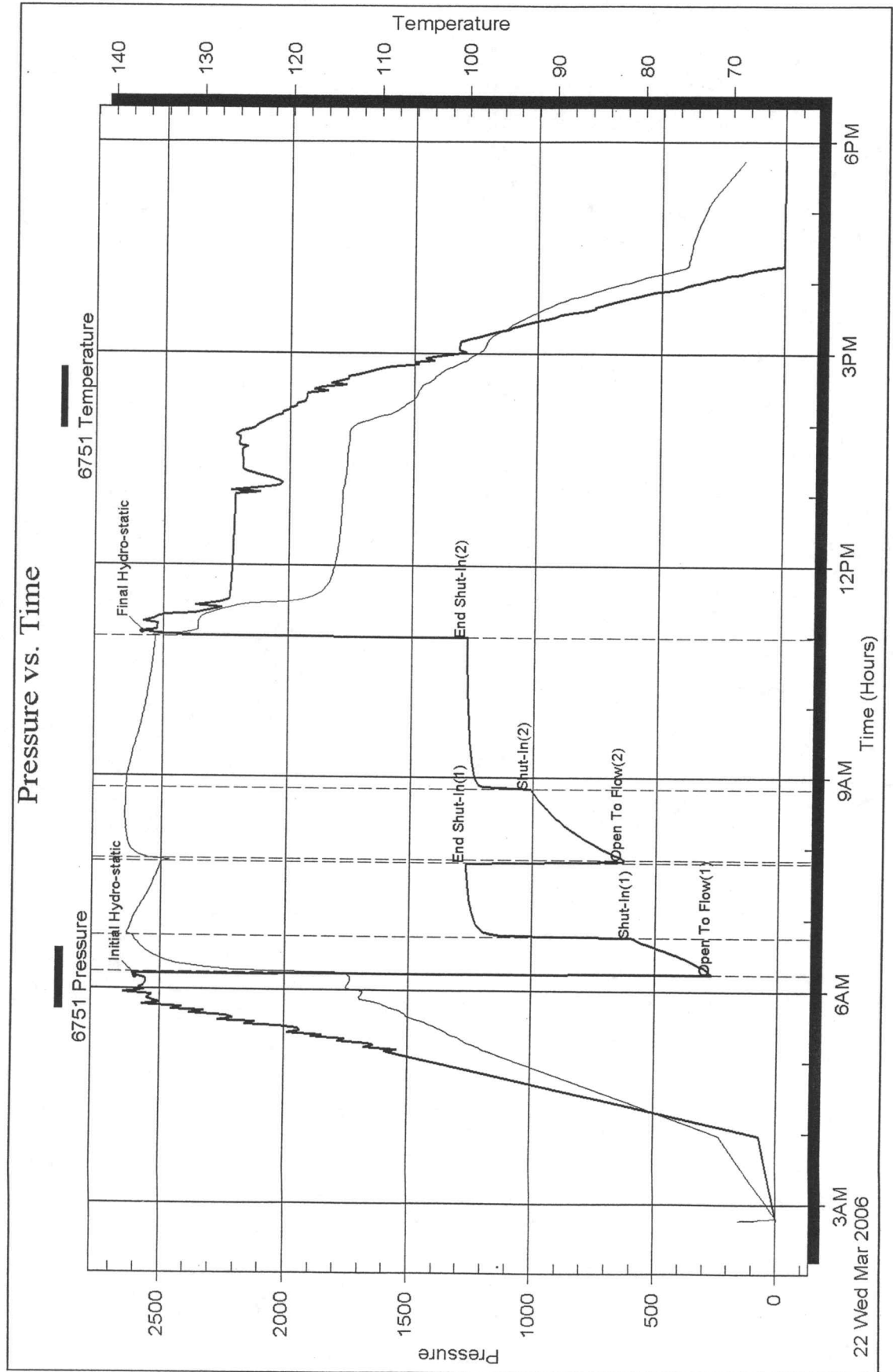
Recovery Comments: Sampler Data - 2000ML oil, 15 CFD gas, @ 1200PSI. "NO" WATER or MUD.

Serial #: 6751

John O. Farner Inc.

3/1/28/40

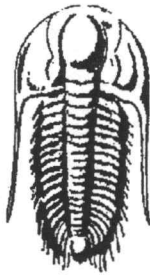
DST Test Number: 4



Trilobite Testing, Inc

Ref. No: 22935

Printed: 2006.03.28 @ 10:06:21 Page 5



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **John O. Farmer Inc.**

Box 352
Russell KS 67665

ATTN: Dave Goldak

31/28/40

Plummer "B" #1

Start Date: 2006.03.23 @ 06:12:05

End Date: 2006.03.23 @ 19:34:05

Job Ticket #: 22936 DST #: 5

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

John O. Farmer Inc.

Box 352
Russell KS 67665

ATTN: Dave Goldak

Plummer "B" #1

31/28/40

Job Ticket: 22936

DST#: 5

Test Start: 2006.03.23 @ 06:12:05

GENERAL INFORMATION:

Formation: **Keys Sand**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 09:14:20

Time Test Ended: 19:34:05

Test Type: Conventional Bottom Hole

Tester: Harley Davidson

Unit No: 33

Interval: **5483.00 ft (KB) To 5495.00 ft (KB) (TVD)**

Total Depth: 5495.00 ft (KB) (TVD)

Hole Diameter: 7.78 inches Hole Condition: Fair

Reference Elevations: 3333.00 ft (KB)

3323.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 6751 Inside

Press@RunDepth: 556.61 psig @ 5486.00 ft (KB)

Start Date: 2006.03.23

End Date:

2006.03.23

Start Time: 06:12:06

End Time:

19:34:05

Capacity: 7000.00 psig

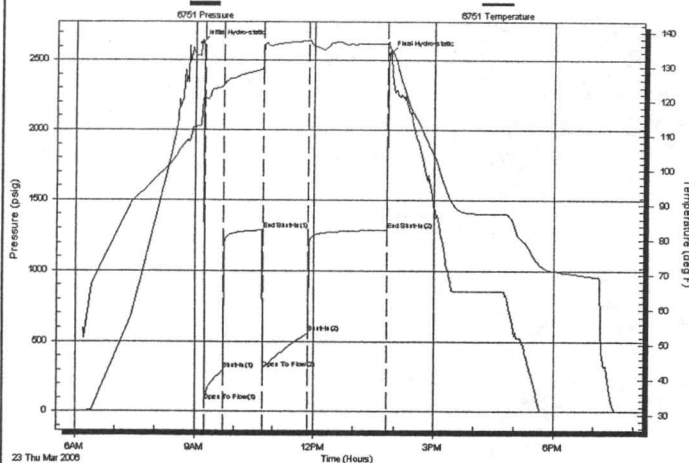
Last Calib.: 1899.12.30

Time On Btm: 2006.03.23 @ 09:08:20

Time Off Btm: 2006.03.23 @ 13:51:50

TEST COMMENT: IF- Good blow, BOB 7 min. "NO GTS".
IS- No blow back.
FF- Good blow, BOB 13min. "NO GTS".
FS- No blow back.

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2620.20	113.18	Initial Hydro-static
6	71.98	121.20	Open To Flow (1)
35	299.89	124.59	Shut-In (1)
95	1283.72	129.32	End Shut-In (1)
96	306.02	130.38	Open To Flow (2)
164	556.61	137.50	Shut-In (2)
281	1285.60	136.74	End Shut-In (2)
284	2542.47	135.46	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
62.00	5% gas, 5% water, 40% oil, 50% mud.	0.30
62.00	5% water, 5% oil, 5% gas, 85% mud.	0.30
1000.00	100% water.	12.30

Gas Rates

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

John O. Farmer Inc.

Plummer "B" #1

Box 352
Russell KS 67665

31/28/40

Job Ticket: 22936

DST#: 5

ATTN: Dave Goldak

Test Start: 2006.03.23 @ 06:12:05

Tool Information

Drill Pipe:	Length: 5143.00 ft	Diameter: 3.80 inches	Volume: 72.14 bbl	Tool Weight:	2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer:	25000.00 lb
Drill Collar:	Length: 314.00 ft	Diameter: 2.25 inches	Volume: 1.54 bbl	Weight to Pull Loose:	98000.00 lb
		Total Volume:	73.68 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	5.00 ft			String Weight: Initial	92000.00 lb
Depth to Top Packer:	5483.00 ft			Final	98000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	12.00 ft				
Tool Length:	43.00 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	2.00			5454.00	
Shut In Tool	5.00			5459.00	
Sampler	3.00			5462.00	
Hydraulic tool	5.00			5467.00	
Jars	5.00			5472.00	
Safety Joint	2.00			5474.00	
Packer	5.00			5479.00	31.00 Bottom Of Top Packer
Packer	4.00			5483.00	
Stubb	1.00			5484.00	
Perforations	2.00			5486.00	
Recorder	0.00	6751	Inside	5486.00	
Perforations	5.00			5491.00	
Recorder	0.00	6724	Outside	5491.00	
Bullnose	4.00			5495.00	12.00 Bottom Packers & Anchor

Total Tool Length: 43.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

John O. Farmer Inc.

Plummer "B" #1

Box 352
Russell KS 67665

31/28/40

Job Ticket: 22936

DST#: 5

ATTN: Dave Goldak

Test Start: 2006.03.23 @ 06:12:05

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: 39000 ppm

Viscosity: 51.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.17 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1400.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
62.00	5% gas, 5% water, 40% oil, 50% mud.	0.305
62.00	5% water, 5% oil, 5% gas, 85% mud.	0.305
1000.00	100% water.	12.297

Total Length: 1124.00 ft Total Volume: 12.907 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

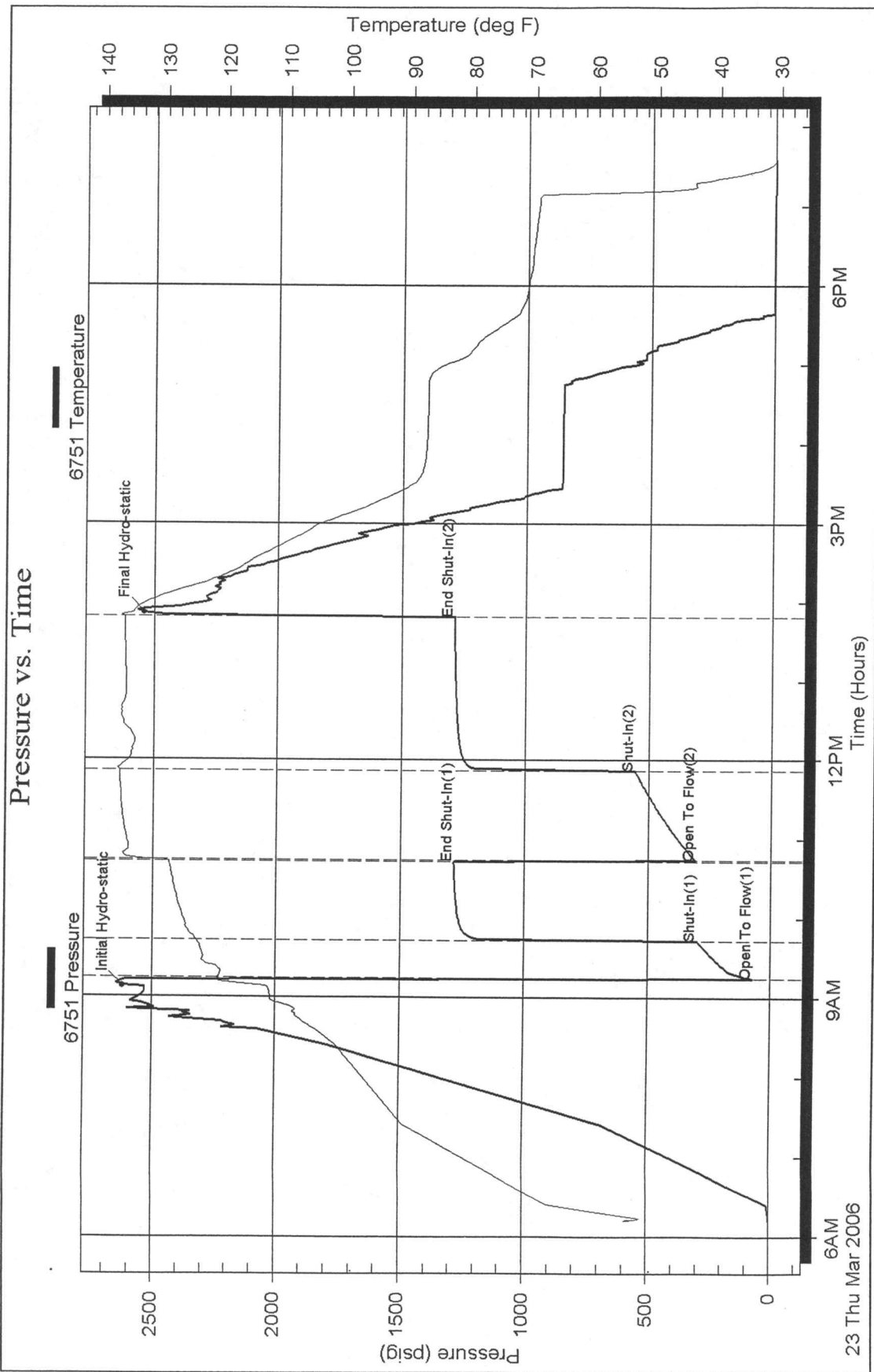
Serial #:

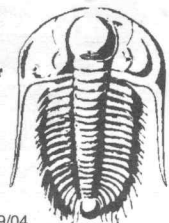
Laboratory Name:

Laboratory Location:

Recovery Comments: Sampler Data- 2000ML 10% oil, 90% water, with 5 CFD gas. @ 1250 PSI.

Pressure vs. Time





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

8572

No 22931

9/04

Test Ticket

Well Name & No. John O. Farmer, Inc. Test No. 1 Date 3/19/06
 Company Plummer B #1 Zone Tested Lower Main Sand
 Address Box 352 Russell Ks 67665 Elevation 3333 KB 3323 GL
 Co. Rep / Geo. B. Dave Goldak Cont. Stearns #2 Est. Ft. of Pay _____ Por. _____ %
 Location: Sec. 31 Twp. 28 S Rge. 40 W Co. Stanton State Ks
 No. of Copies _____ Distribution Sheet (Y, N) _____ Turnkey (Y, N) _____ Evaluation (Y, N) _____

Interval Tested 5374 - 5444 Initial Str Wt./Lbs. 95 Unseated Str Wt./Lbs. 110000
 Anchor Length 70 Wt. Set Lbs. 25K Wt. Pulled Loose/Lbs. 95000
 Top Packer Depth 5369 Tool Weight 2000
 Bottom Packer Depth 5374 Hole Size 7 7/8" Rubber Size 6 3/4"
 Total Depth 5444 Wt. Pipe Run 0 Drill Collar Run 280
 Mud Wt. 9.10 LCM 4 Vis. 34 WL 7.2 Drill Pipe Size 4.5 xH Ft. Run 5083
 Flow Description IF - Strong block - 6TS 4 min - lost
packer seat.

MISS Run

Recovery - Total Feet _____ GIP _____ Ft. in DC _____ Ft. in DP _____
 %C. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud _____
 %C. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud _____
 %C. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud _____
 %C. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud _____
 %C. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud _____
 °F Gravity _____ °API D @ _____ °F Corrected Gravity _____ °API
 Chlorides _____ ppm Recovery _____ Chlorides 800 ppm System

	AK-1	Alpine	Recorder No.	Test
Initial Hydrostatic Mud	PSI		<u>6571</u>	<u>Miss run - 1100°</u>
First Initial Flow Pressure	PSI	(depth)		<u>250°</u>
First Final Flow Pressure	PSI	(depth)	<u>11018</u>	<u>750°</u>
Initial Shut-In Pressure	PSI	(depth)		<u>58°</u>
Second Initial Flow Pressure	PSI	(depth)		<u>250°</u>
Second Final Flow Pressure	PSI	(depth)		
Final Shut-In Pressure	PSI		<u>Miss Run</u>	
Final Hydrostatic Mud	PSI			

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Approved By _____

For Representative John O. Farmer, Inc.

Initial Opening Miss Run
 Initial Shut-In _____
 Final Flow _____
 Final Shut-In _____
 T-On Location 430 pm
 T-Started 615 pm
 T-Open 1030 am
 T-Pulled 1100 pm
 T-Out 200 am

Jars 250°
 Safety Jt. 750°
 Circ Sub 58°
 Sampler 250°
 Straddle _____
 Ext. Packer _____
 Shale Packer _____
 Ruined Packer 200
 Mileage 162.50
 Sub Total: 1787.50
 Std. By 2
 Other ALL: 150
 Total: 1937.50



TRILOBITE TESTING, INC.

P.O. Box 362 • Hays, Kansas 67601

FLUID SAMPLER DATA

Ticket No. 22932 Date 3/21/06
Company Name John O Farmer Inc.
Lease Planner B #1 Test No. 1
County Stanton Sec. 31 Twp. 28 Rng. 40

SAMPLER RECOVERY

Gas 31 CFD ML Chlorides 800 ppm.
Oil 0 ML Resistivity _____ ohms @ _____ F
Mud 0 ML Viscosity 54
Water 0 ML Mud Weight 90
Other _____ ML Filtrate 7.2
Pressure 1300 PSI ML Other 2cm 4
Total _____ ML

PIT MUD ANALYSIS

SAMPLER ANALYSIS

Resistivity _____ ohms @ _____ F
Chlorides _____ ppm.
Gravity _____ corrected @60F

PIPE RECOVERY

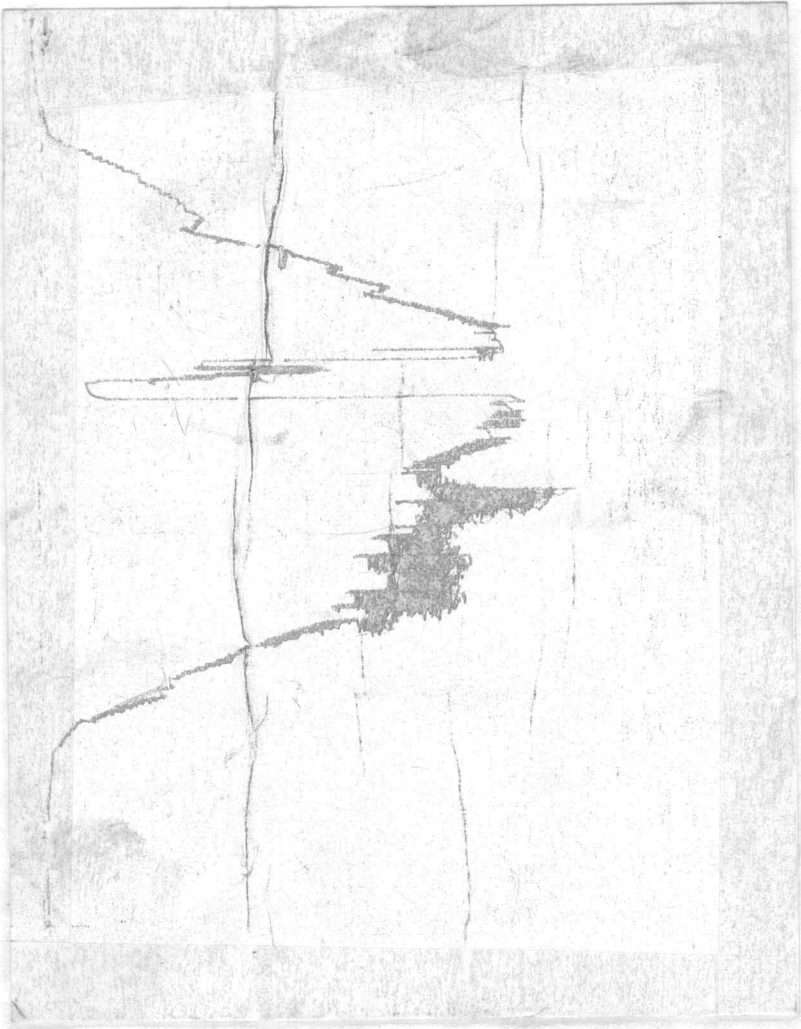
TOP
Resistivity _____ ohms @ _____ F
Chlorides _____ ppm.

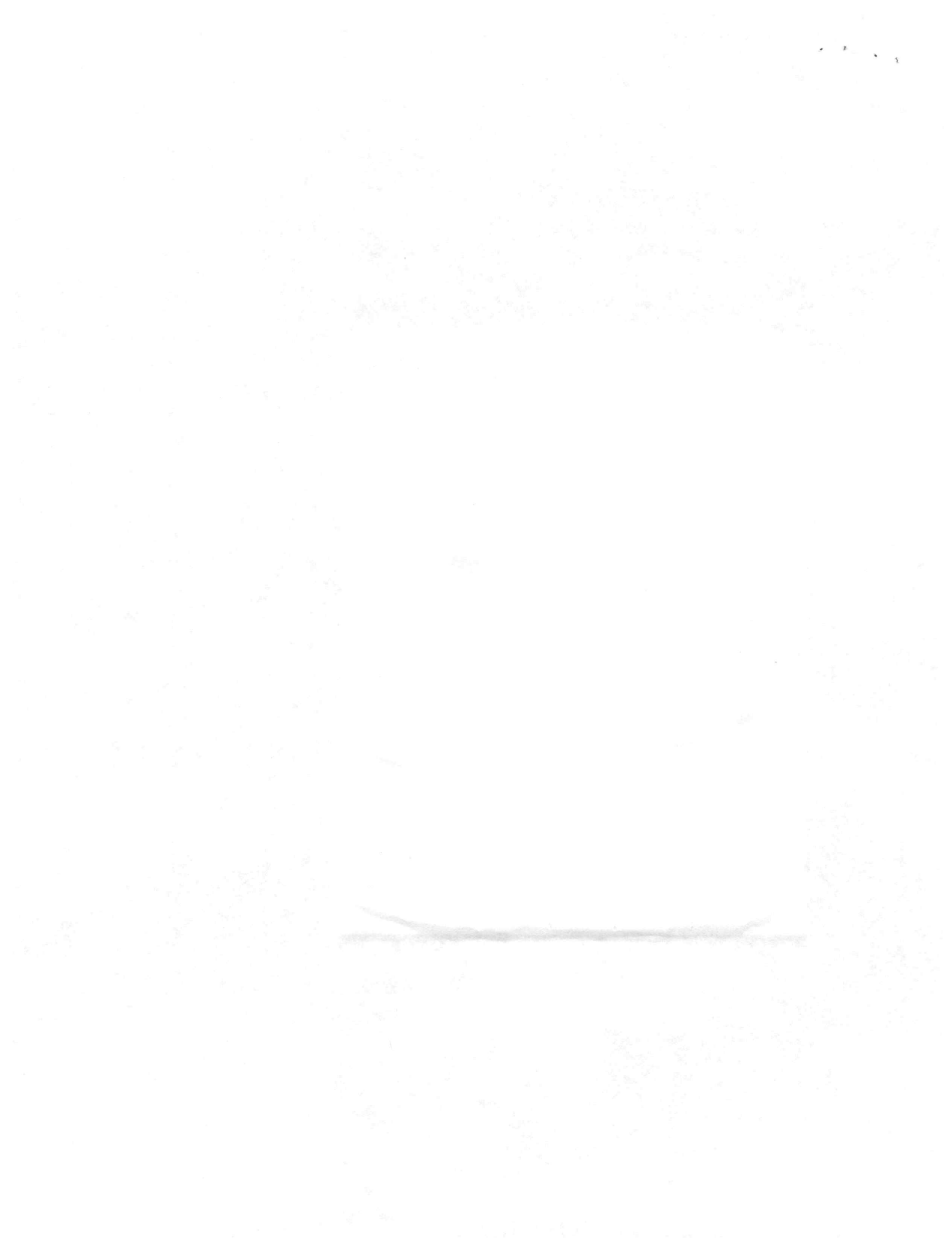
MIDDLE
Resistivity _____ ohms @ _____ F
Chlorides _____ ppm.

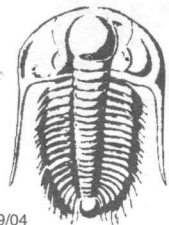
BOTTOM
Resistivity _____ ohms @ _____ F
Chlorides _____ ppm.

CHART PAGE

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







TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

No 22934

9/04

Test Ticket

Well Name & No. Plummer B #1 Test No. 2 Date 3/18/06
Company John O. Farmer Inc. Zone Tested L Monaca
Address Box 352 Russell Ks. 67665 Elevation 3333 KB 3323 GL
Co. Rep / Geo. Dave Goldak Cont. Star #2 Est. Ft. of Pay _____ Por. _____ %
Location: Sec. 31 Twp. 28 Rge. 40 Co. Stanton State Ks.
No. of Copies _____ Distribution Sheet (Y, N) _____ Turnkey (Y, N) _____ Evaluation (Y, N) _____

Interval Tested 5380 - 5444 Initial Str Wt./Lbs. 90K Unseated Str Wt./Lbs. 92K
Anchor Length 64 Wt. Set Lbs. 25K Wt. Pulled Loose/Lbs. 160K
Top Packer Depth 5375 Tool Weight 2000
Bottom Packer Depth 5380 Hole Size 7 7/8" Rubber Size 6 3/4"
Total Depth 5444 Wt. Pipe Run 0 Drill Collar Run 280
 Mud Wt. 9.0 LCM 4 Vis. 54 WL 7.2 Drill Pipe Size 4.5 x # Ft. Run 5089
Mud Description IF - No Packer Seat
MISS RUN

Recovery - Total Feet _____ GIP _____ Ft. in DC _____ Ft. in DP _____
%C. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud _____
%C. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud _____
%C. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud _____
%C. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud _____
%C. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud _____
API _____ °F Gravity _____ °API D @ _____ °F Corrected Gravity 8 °API
V _____ @ _____ °F Chlorides _____ ppm Recovery _____ Chlorides 800 ppm System

	AK-1	Alpine
Initial Hydrostatic Mud		PSI
First Initial Flow Pressure	<u>MISS</u>	PSI
First Final Flow Pressure		PSI
Initial Shut-In Pressure		PSI
Second Initial Flow Pressure	<u>ROA</u>	PSI
Second Final Flow Pressure		PSI
Final Shut-In Pressure		PSI
Final Hydrostatic Mud		PSI

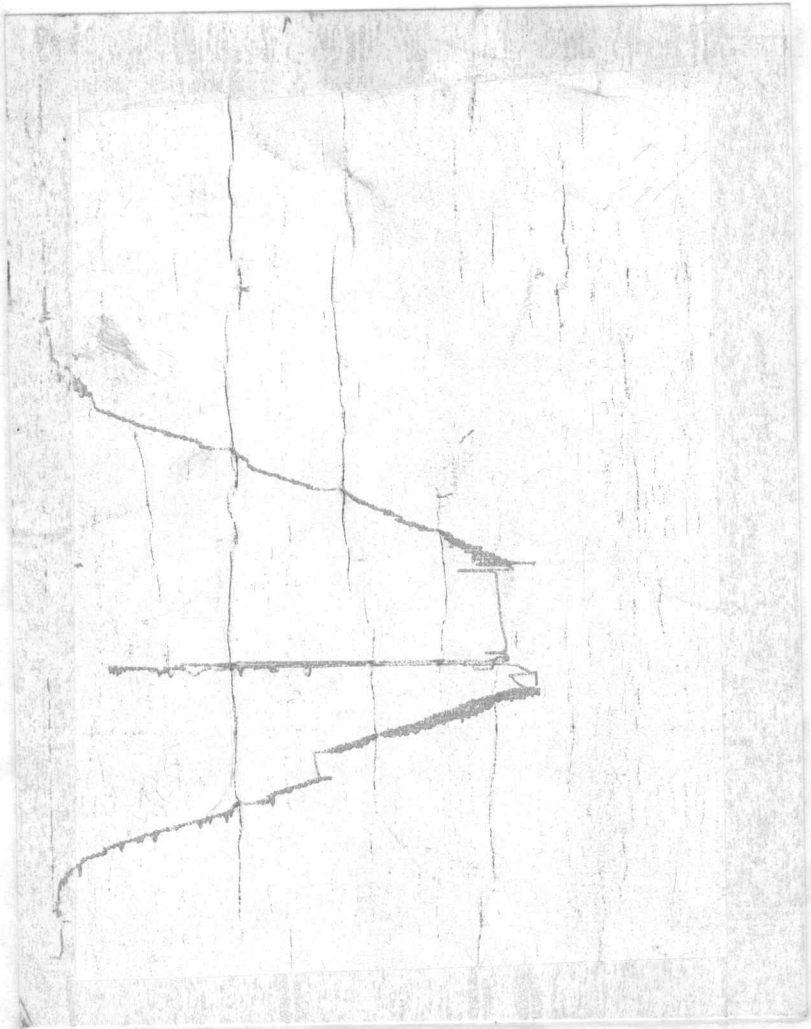
Recorder No. 6571 Test 1100°
(depth) _____ Jars 250°
Recorder No. 11018 Safety Jt. 75°
(depth) _____ Circ Sub _____
Recorder No. _____ Sampler Did not use
(depth) _____ Straddle _____
Initial Opening MISS RUN Ext. Packer _____
Initial Shut-In _____ Shale Packer 200°
Final Flow _____ Ruined Packer x2 = 450°
Final Shut-In _____ Mileage was there
T-On Location Redid perfes Sub Total: 2075
T-Started and went Std. By _____
T-Open right back in Other Ac 150°
T-Pulled _____ Total: 2175°
T-Out _____ # 2225

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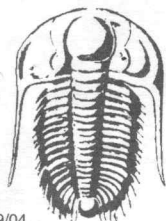
Approved By _____
Per Representative Harley D. Smith

CHART PAGE

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







TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

No 22932

9/04

Test Ticket

Well Name & No. <u>Plummer B #1</u>	Test No. <u>3</u>	Date <u>3/21/06</u>
Company <u>John O. Farmer Inc.</u>	Zone Tested <u>Lower Morrow Sand</u>	
Address <u>Box 352 Russell KS 67665</u>	Elevation <u>3333</u>	KB <u>3323</u> GL
Co. Rep / Geo. <u>Dave Goldak</u>	Cont. <u>Star #2</u>	Est. Ft. of Pay _____ Por. _____ %
Location: Sec. <u>31</u> Twp. <u>28S</u> Rge. <u>40</u>	Co. <u>Stanton</u>	State <u>KS</u>
No. of Copies _____	Disbtribution Sheet (Y, N) _____	Turnkey (Y, N) _____ Evaluation (Y, N) _____

Interval Tested <u>5432 - 5444</u>	Initial Str Wt./Lbs. <u>88K</u>	Unseated Str Wt./Lbs. <u>92K</u>
Anchor Length <u>12</u>	Wt. Set Lbs. <u>25K</u>	Wt. Pulled Loose/Lbs. <u>100K</u>
Top Packer Depth <u>5427</u>	Tool Weight <u>2000</u>	
Bottom Packer Depth <u>5432</u>	Hole Size <u>7 7/8"</u>	Rubber Size <u>6 3/4"</u>
Total Depth <u>5444</u>	Wt. Pipe Run <u>0</u>	Drill Collar Run <u>286</u>
Mud Wt. <u>9.0</u> LCM <u>4</u> Vis. <u>54#</u> WL <u>7.2</u>	Drill Pipe Size <u>4.5</u>	Ft. Run <u>5146</u>
Blow Description <u>IF - Strong blow BOB ASTO. GTS 14m.n</u>		
<u>ISI - No blow back</u>		
<u>FF - Strong blow GTS BOB - ASTO</u>		
<u>FSI No blow back</u>		

Recovery - Total Feet <u>62</u>	GIP _____	Ft. in DC _____	Ft. in DP _____
Rec. <u>62</u>	Feet of <u>500 GOWCM</u>	Trace %gas <u>3</u>	%oil <u>5</u> %water <u>92</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 _____	°F Gravity _____	°API D @ _____	°F Corrected Gravity _____ °API
RW _____ @ _____ °F	Chlorides _____ ppm	Recovery _____	Chlorides <u>800</u> ppm System

(A) Initial Hydrostatic Mud	AK-1 <u>2645</u> PSI	Alpine	Recorder No. <u>6571</u>	Test <u>1200⁰⁰</u> 10hrs
(B) First Initial Flow Pressure	<u>218</u> PSI		(depth) <u>3432</u>	Jars <u>250⁰⁰</u>
(C) First Final Flow Pressure	<u>303</u> PSI		Recorder No. <u>11018</u>	Safety Jt. <u>75⁰⁰</u>
(D) Initial Shut-In Pressure	<u>1374</u> PSI		(depth) <u>5444</u>	Circ Sub _____
(E) Second Initial Flow Pressure	<u>197</u> PSI		Recorder No. _____	Sampler <u>250⁰⁰</u>
(F) Second Final Flow Pressure	<u>476</u> PSI		(depth) _____	Straddle _____
(G) Final Shut-In Pressure	<u>1373</u> PSI	Initial Opening <u>30</u>		Ext. Packer _____
(Q) Final Hydrostatic Mud	<u>2535</u> PSI	Initial Shut-In <u>60</u>		Shale Packer <u>200⁰⁰</u>

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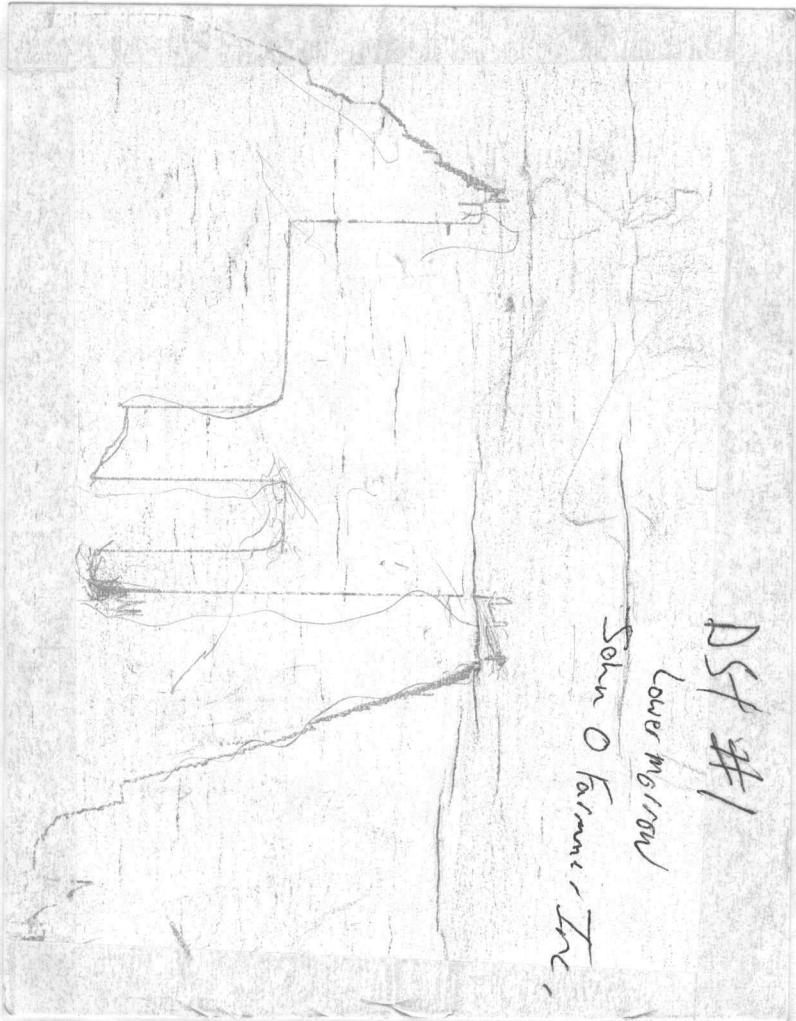
Approved By [Signature]
Our Representative [Signature]

Final Flow 60
Final Shut-In 120
T-On Location 845 PM
T-Started 930 AM
T-Open 130 AM
T-Pulled 600 AM
T-Out 1030 AM

Ruined Packer _____
Mileage 16250
Sub Total: 2137.50
Std. By 2 100⁰⁰
Other ACC: 150⁰⁰
Total: 2387.50

CHART PAGE

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





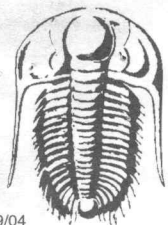
DST
#3

3rd at 1st
DST NO.

WELL NAME AND NO.

2nd

Remarks:



TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

No 22935

9/04

Test Ticket

Well Name & No. Plummer B #1 Test No. #24 Date 3/22-06
 Company John O Farmer Zone Tested Keyes
 Address Box 352 Russell Ks, 67665 Elevation 3333 KB 3323 GL
 Co. Rep / Geo. Dave Goldak Cont. Str. #2 Est. Ft. of Pay _____ Por. _____ %
 Location: Sec. 31 Twp. 28 Rge. 40 Co. Stanton State Ks
 No. of Copies _____ Distribution Sheet (Y, N) _____ Turnkey (Y, N) _____ Evaluation (Y, N) _____

Interval Tested 5460 - 5483 Initial Str Wt./Lbs. 92K Unseated Str Wt./Lbs. 104K
 Anchor Length 23' Wt. Set Lbs. 25K Wt. Pulled Loose/Lbs. 104K
 Top Packer Depth 5455 Tool Weight 2K
 Bottom Packer Depth 5460 Hole Size 7 7/8" V Rubber Size 6 3/4" V
 Total Depth 5483 Wt. Pipe Run 0 Drill Collar Run 280
 Mud Wt. 9.1 LCM 5 Vis. 49 WL 7.6 Drill Pipe Size 4.5 Ft. Run 5179
 Flow Description IF - Strong Blow, BOB - ASAO, GTS - 10 min.
TSF - BOB
FF - BOB, GTS, ASAO
SSI - BOB

Recovery - Total Feet 4750 GIP _____ Ft. in DC _____ Ft. in DP _____
 Sec. 120 Feet of MCW Trace %gas _____ %oil 85 %water 15 %mud
 Sec. 4630 Feet of _____ 10 %gas 90 %oil _____ %water _____ %mud
 Sec. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud
 Sec. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud
 Sec. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud
 HT 135 °F Gravity 38 °API D @ 40 °F Corrected Gravity 40 °API
 N 3.65 @ 37 °F Chlorides 40000 ppm Recovery _____ Chlorides 800 ppm System

AK-1	Alpine		
Initial Hydrostatic Mud	<u>2599</u> PSI	Recorder No.	<u>6571</u>
First Initial Flow Pressure	<u>268</u> PSI	(depth)	<u>5462</u>
First Final Flow Pressure	<u>599</u> PSI	Recorder No.	<u>11018</u>
Initial Shut-In Pressure	<u>1269</u> PSI	(depth)	<u>5483</u>
Second Initial Flow Pressure	<u>632</u> PSI	Recorder No.	
Second Final Flow Pressure	<u>1011</u> PSI	(depth)	
Final Shut-In Pressure	<u>1272</u> PSI	Initial Opening	<u>30</u>
Final Hydrostatic Mud	<u>2583</u> PSI	Initial Shut-In	<u>60</u>
		Final Flow	<u>60</u>
		Final Shut-In	<u>120</u>
		T-On Location	<u>2:00 AM</u>
		T-Started	<u>2:45 AM</u>
		T-Open	<u>6:00 AM</u>
		T-Pulled	<u>11:45 AM</u>
		T-Out	<u>6:00 PM</u>
		Test	<u>✓ 1200°</u>
		Jars	<u>✓ 250°</u>
		Safety Jt.	<u>✓ 75°</u>
		Circ Sub	<u>✓ 50°</u>
		Sampler	<u>✓ 250°</u>
		Straddle	
		Ext. Packer	
		Shale Packer	<u>✓ 200°</u>
		Ruined Packer	
		Mileage	<u>✓ 162.50</u>
		Sub Total:	<u>2187.50</u>
		Std. By	<u>6-350°</u>
		Other	<u>ACC: 150</u>
		Total:	<u>2687.50</u>

Approved By David Goldak
 Our Representative Harley Davidson
 16 hrs tot.

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.



TRILOBITE TESTING, INC.

P.O. Box 362 • Hays, Kansas 67601

FLUID SAMPLER DATA

Ticket No. 22935 Date 3/22/06
Company Name John O Farmer Inc
Lease Diamond B #1 Test No. #4
County Stanton KS Sec. 31 Twp. 28 Rng. 40

SAMPLER RECOVERY

Gas 15 CFD ML Chlorides _____ ppm.
Oil 2000 ML ML Resistivity _____ ohms @ _____ F
Mud 0 ML Viscosity _____
Water 11 ML Mud Weight _____
Other _____ ML Filtrate _____
Pressure 1200 ML Other _____
Total _____ ML

PIT MUD ANALYSIS

SAMPLER ANALYSIS

Resistivity _____ ohms @ _____ F
Chlorides 0 ppm.

Gravity 38 @ 40 = 40 corrected @ 60F

PIPE RECOVERY

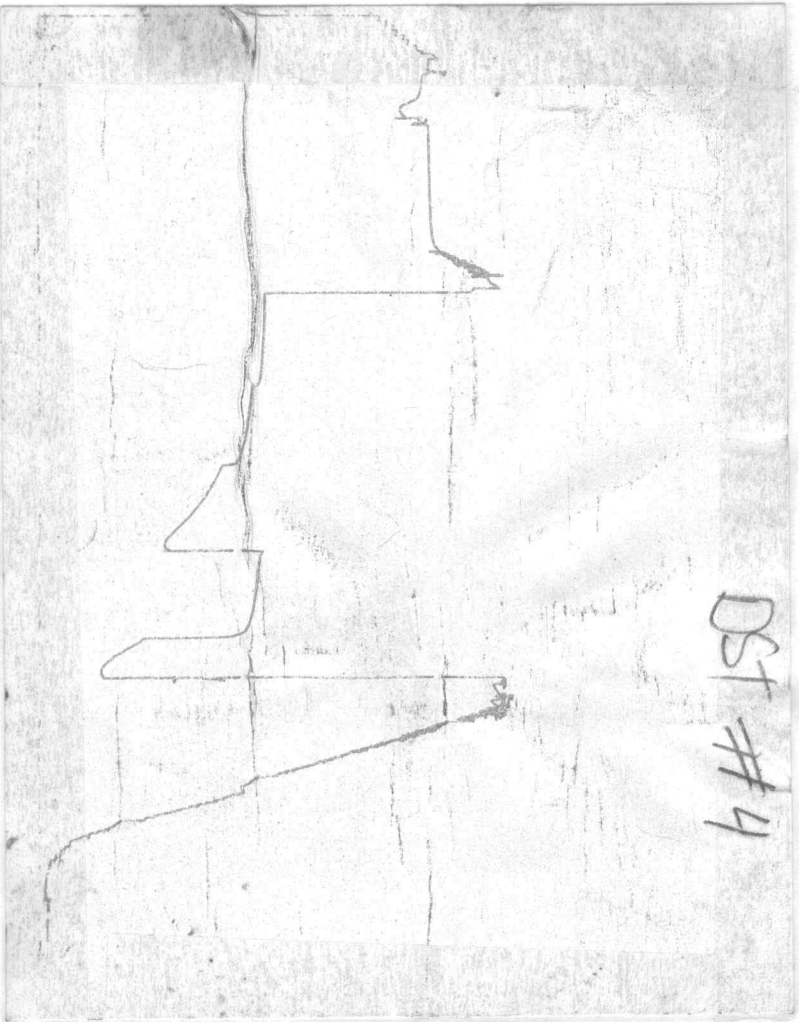
TOP
Resistivity _____ ohms @ _____ F
Chlorides _____ ppm.

MIDDLE
Resistivity _____ ohms @ _____ F
Chlorides _____ ppm.

BOTTOM
Resistivity _____ ohms @ _____ F
Chlorides _____ ppm.

CHART PAGE

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





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

No 22936

Test Ticket

Vell Name & No. Plummer B #1 Test No. 5 Date 3/23/06
 Company John O. Farmer Inc Zone Tested Keyes Sand
 Address Box 352 Russell Ks. 67665 Elevation 3333 KB 3323 GL
 Co. Rep / Geo. Dave Goldak Cont. Str. #2 Est. Ft. of Pay _____ Por. _____ %
 Location: Sec. 31 Twp. 28 Rge. 40 Co. Stanton State Ks.
 No. of Copies _____ Distribution Sheet (Y, N) _____ Turnkey (Y, N) _____ Evaluation (Y, N) _____

Interval Tested 5483 - 5495 Initial Str Wt./Lbs. 92K Unseated Str Wt./Lbs. 98K
 Anchor Length 12 Wt. Set Lbs. 25K Wt. Pulled Loose/Lbs. 98K
 Top Packer Depth 5478 Tool Weight 2K
 Bottom Packer Depth 5483 Hole Size 7 7/8" Rubber Size 6 3/4"
 Total Depth 5495 Wt. Pipe Run 0 Drill Collar Run 3/4
 Mud Wt. 9.1 LCM 5 Vis. 51 WL 7.2 Drill Pipe Size 4.5 x 4 Ft. Run _____
 Flow Description IF- Good building blow BOB 7 min. "No GTS"
EB-I- No blow back
FF- Good building blow BOB 13 min. "No GTS"
FSI- No blow back

Recovery - Total Feet 1125 GIP _____ Ft. in DC _____ Ft. in DP _____
 Sec. 62 Feet of 6W OCM 5 %gas 40 %oil 5 %water 50 %mud
 Sec. 62 Feet of 6W OCM 5 %gas 5 %oil 5 %water 85 %mud
 Sec. 1000 Feet of W _____ %gas _____ %oil 100 %water _____ %mud
 Sec. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud
 Sec. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud
 HT _____ °F Gravity TLTM °API D @ TLTM °F Corrected Gravity TLTM °API
 N 40 @ 35 °F Chlorides 39000 ppm Recovery _____ Chlorides 1400 ppm System

Initial Hydrostatic Mud	AK-1	Alpine	Recorder No.	Test
First Initial Flow Pressure	2620	PSI	6571	1200 ⁰⁰
First Final Flow Pressure	72	PSI	5485	Jars 250 ⁰⁰
Initial Shut-In Pressure	300	PSI	11018	Safety Jt. 75 ⁰⁰
Second Initial Flow Pressure	1284	PSI	5495	Circ Sub
Second Final Flow Pressure	306	PSI		Sampler 250 ⁰⁰
Final Shut-In Pressure	557	PSI		Straddle
Final Hydrostatic Mud	1286	PSI	Initial Opening 30	Ext. Packer
	2542	PSI	Initial Shut-In 60	Shale Packer 200 ⁰⁰
			Final Flow 60	Ruined Packer
			Final Shut-In 120	Mileage 162 ⁰⁰

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Approved By Dave Goldak
 Jr Representative Barley

T-On Location 530 Am
 T-Started 615 Am
 T-Open 945 Am
 T-Pulled 245 Pm
 T-Out 800 Pm 20:00

Sub Total: 2137.50
 Std. By 237⁵⁰
 Other ACC: 150⁰⁰
 Total: 2525⁰⁰

Picked up tool 3-25 @ 16:00 \$500



TRILOBITE TESTING, INC.

P.O. Box 362 • Hays, Kansas 67601

FLUID SAMPLER DATA

Ticket No. 22936 Date 3/23/06
Company Name John O Farmer Inc.
Lease Hammer B #1 Test No. DST #5
County Stanton KS Sec. 31 Twp. 28 Rng. 40

SAMPLER RECOVERY

Gas 5 CFD ML Chlorides _____ ppm.
Oil 10% ML Resistivity _____ ohms @ _____ F
Mud 0 ML Viscosity _____
Water 90% ML Mud Weight _____
Other 0 ML Filtrate _____
Pressure 1250 PSI ML Other _____
Total 2000 ML ML _____

PIT MUD ANALYSIS

SAMPLER ANALYSIS

Resistivity _____ ohms @ _____ F
Chlorides _____ ppm.
Gravity _____ corrected @60F

PIPE RECOVERY

TOP
Resistivity _____ ohms @ _____ F
Chlorides _____ ppm.

MIDDLE
Resistivity _____ ohms @ _____ F
Chlorides _____ ppm.

BOTTOM
Resistivity _____ ohms @ _____ F
Chlorides _____ ppm.

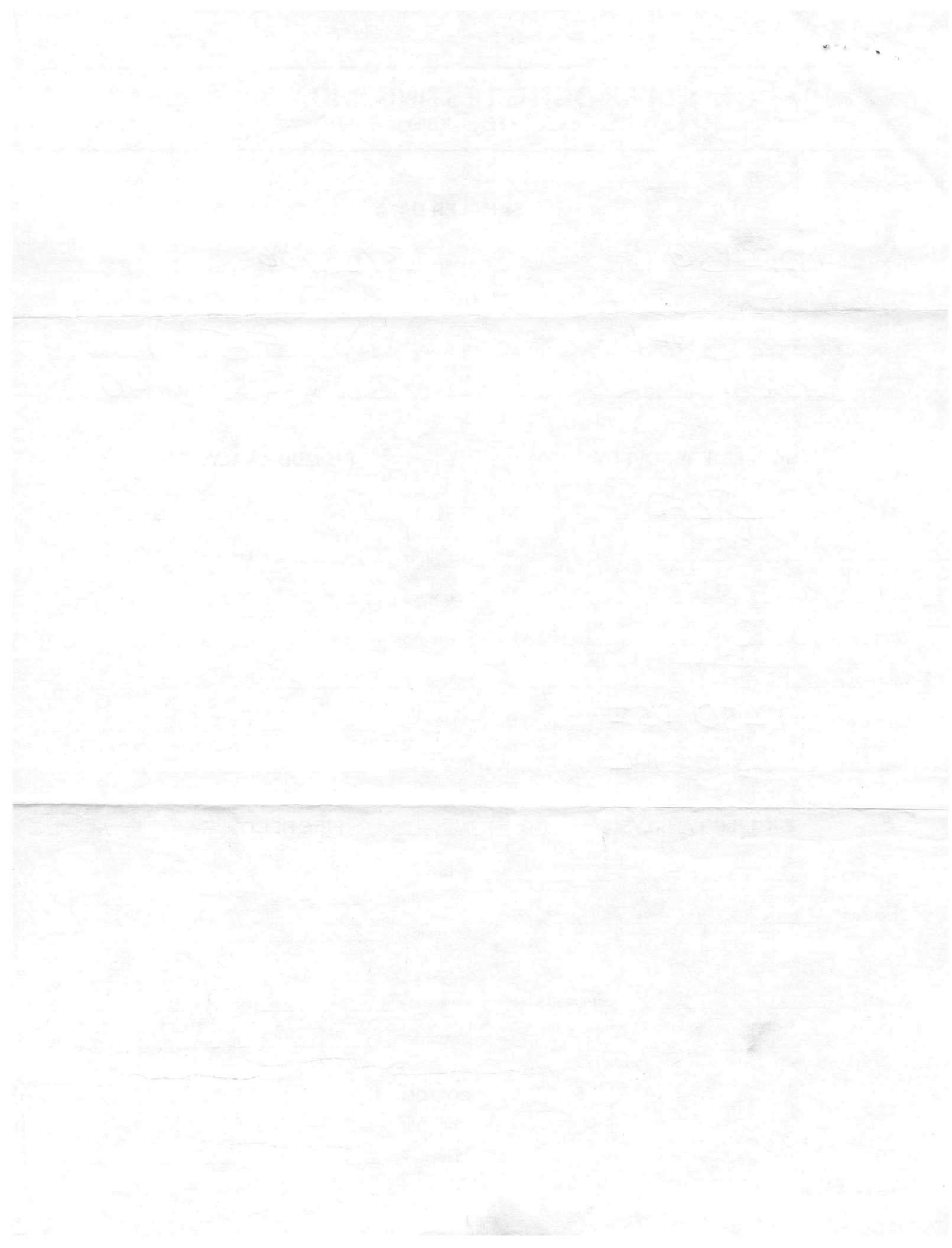


CHART PAGE

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

