

DRILL STEM TEST REPORT

Prepared For: **Brungardt Oil**

PO Box 871
Russell KS 67665

ATTN: Brad Hutchinson

1 10 15W Osborne KS

Beisner Trust #1

Start Date: 2007.06.16 @ 07:46:21

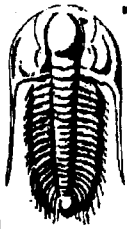
End Date: 2007.06.16 @ 15:01:00

Job Ticket #: 28602 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

Brungardt Oil

PO Box 871
Russell KS 67665

ATTN: Brad Hutchinson

Beisner Trust #1

1 10 15W Osborne KS

Job Ticket: 28602

DST#: 1

Test Start: 2007.06.16 @ 07:46:21

GENERAL INFORMATION:

Formation: **LKC "A-C"**

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

Time Tool Opened: 09:53:31

Time Test Ended: 15:01:00

Test Type: Conventional Bottom Hole

Tester: Brian Fairbank

Unit No: 41

Interval: **3096.00 ft (KB) To 3150.00 ft (KB) (TVD)**

Total Depth: 3150.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition:

Reference Elevations: 1884.00 ft (KB)

1880.00 ft (CF)

KB to GR/CF: 4.00 ft

Serial #: **8018** Inside

Press@RunDepth: 54.89 psig @ 3100.01 ft (KB)

Start Date: 2007.06.16

End Date:

2007.06.16

Start Time: 07:46:21

End Time:

15:01:00

Capacity: 7000.00 psig

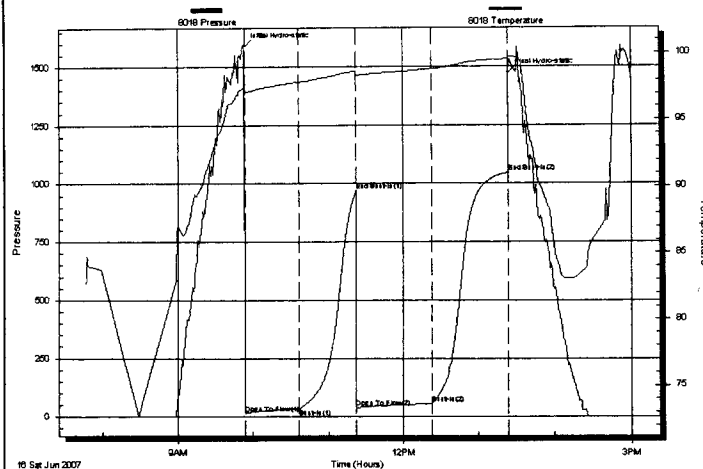
Last Calib.: 2007.06.16

Time On Btm: 2007.06.16 @ 09:53:16

Time Off Btm: 2007.06.16 @ 13:23:45

TEST COMMENT: IFP Weak to good blow sur - 8 1/2 "
ISI No blow back
FFP BOB 14 min.
FSI Weak intermittent sur blow back

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1587.01	97.44	Initial Hydro-static
1	14.37	96.98	Open To Flow (1)
44	33.88	97.86	Shut-In(1)
89	966.68	98.65	End Shut-In(1)
90	37.89	98.36	Open To Flow(2)
150	54.89	98.82	Shut-In(2)
211	1045.48	99.55	End Shut-In(2)
211	1472.17	99.72	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
75.00	GHOCM 10%G 30%O 60%M	0.37
15.00	G Free Oil 10%G 85%O 5%M	0.07

Gas Rates

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Brungardt Oil

Beisner Trust #1

PO Box 871
Russell KS 67665

1 10 15W Osborne KS

Job Ticket: 28602

DST#: 1

ATTN: Brad Hutchinson

Test Start: 2007.06.16 @ 07:46:21

Tool Information

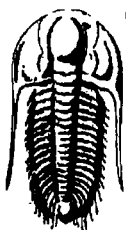
Drill Pipe:	Length: 2768.00 ft	Diameter: 3.80 inches	Volume: 38.83 bbl	Tool Weight:	2500.00 lb
Heavy Wt. Pipe:	Length: 314.00 ft	Diameter: 2.25 inches	Volume: 1.54 bbl	Weight set on Packer:	25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose:	38000.00 lb
		Total Volume:	40.37 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	6.00 ft			String Weight: Initial	28000.00 lb
Depth to Top Packer:	3096.00 ft			Final	30000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	54.02 ft				
Tool Length:	74.02 ft				
Number of Packers:	2	Diameter:	6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			3081.00	
Hydraulic tool	5.00			3086.00	
Packer	5.00			3091.00	20.00 Bottom Of Top Packer
Packer	5.00			3096.00	
Stubb	1.00			3097.00	
Perforations	2.00			3099.00	
Change Over Sub	1.00			3100.00	
Recorder	0.01	8018	Inside	3100.01	
Blank Spacing	31.00			3131.01	
Change Over Sub	1.00			3132.01	
Perforations	15.00			3147.01	
Recorder	0.01	13548	Outside	3147.02	
Bullnose	3.00			3150.02	54.02 Bottom Packers & Anchor

Total Tool Length: 74.02



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Brungardt Oil

Beisner Trust #1

PO Box 871
Russell KS 67665

1 10 15W Osborne KS

Job Ticket: 28602

DST#: 1

ATTN: Brad Hutchinson

Test Start: 2007.06.16 @ 07:46:21

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

26 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 49.00 sec/qt

Cushion Volume:

bbl

Water Loss: 6.77 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1900.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
75.00	GHOCM 10%G 30%O 60%M	0.369
15.00	G Free Oil 10%G 85%O 5%M	0.074

Total Length: 90.00 ft

Total Volume: 0.443 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: 420' GIP

DST Test Number: 1

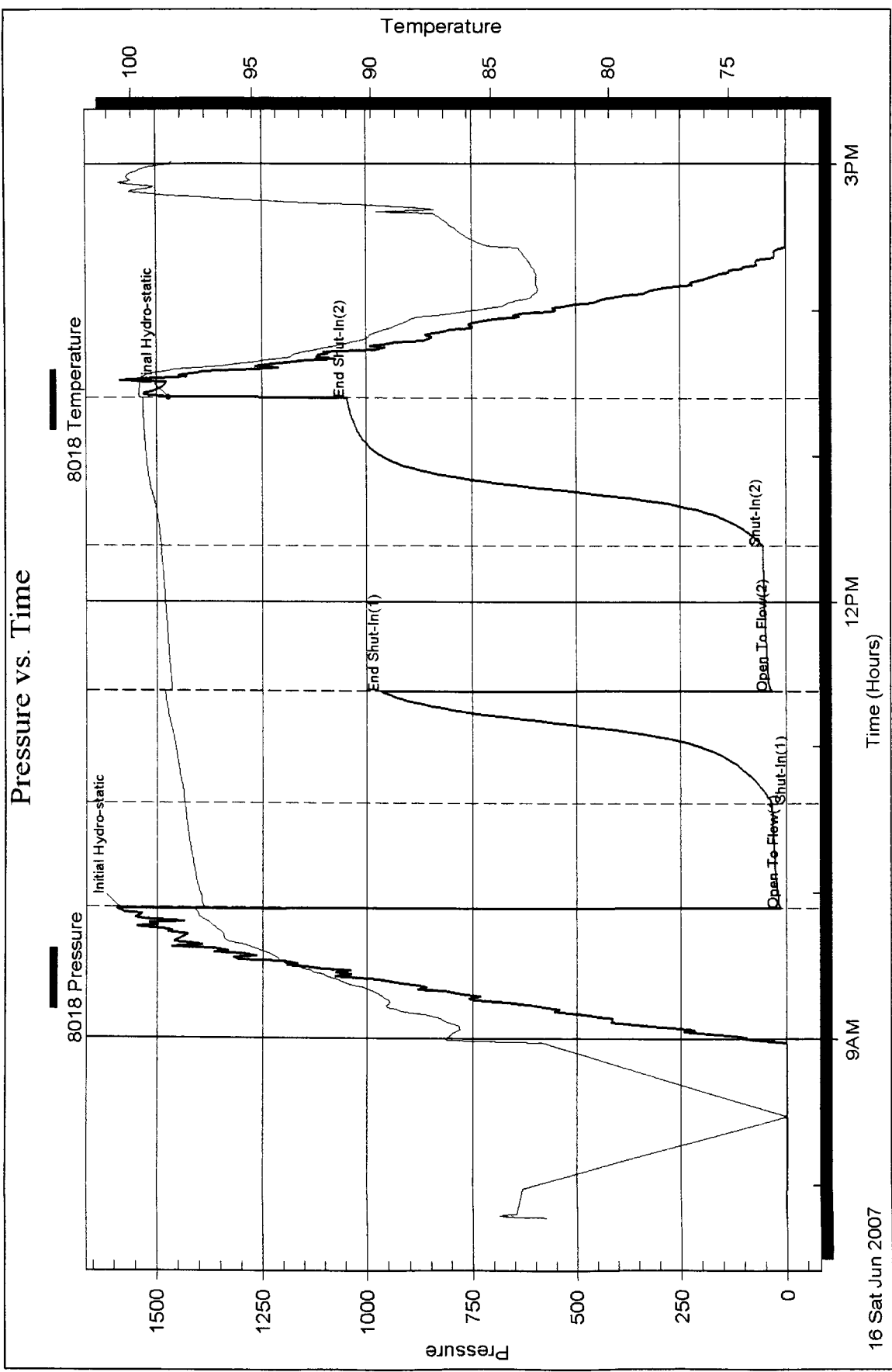
1 10 15W Osborne KS

Brungardt Oil

Inside

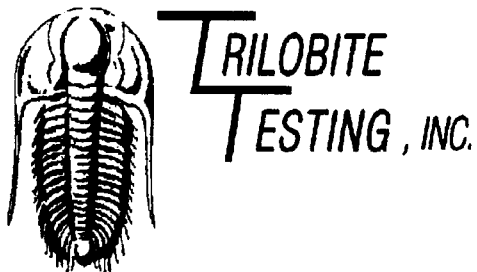
Serial #: 8018

Pressure vs. Time



Ref. No: 28602

Trilobite Testing, Inc



DRILL STEM TEST REPORT

Prepared For: **Brungardt Oil**

PO Box 871
Russell KS 67665

ATTN: Brad Hutchinson

1 10 15W Osborne KS

Beisner Trust #1

Start Date: 2007.06.16 @ 21:59:35

End Date: 2007.06.17 @ 04:31:14

Job Ticket #: 28603 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

Brungardt Oil

PO Box 871
Russell KS 67665

ATTN: Brad Hutchinson

Beisner Trust #1

1 10 15W Osborne KS

Job Ticket: 28603

DST#: 2

Test Start: 2007.06.16 @ 21:59:35

GENERAL INFORMATION:

Formation: **LKC "G"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 23:58:30

Time Test Ended: 04:31:14

Test Type: Conventional Bottom Hole

Tester: Brian Fairbank

Unit No: 41

Interval: **3186.00 ft (KB) To 3200.00 ft (KB) (TVD)**

Total Depth: 3200.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition:

Reference Elevations: 1884.00 ft (KB)

1880.00 ft (CF)

KB to GR/CF: 4.00 ft

Serial #: 8018

Inside

Press@RunDepth: 185.39 psig @ 3187.01 ft (KB)

Start Date: 2007.06.16

End Date:

2007.06.17

Start Time: 21:59:35

End Time:

04:31:14

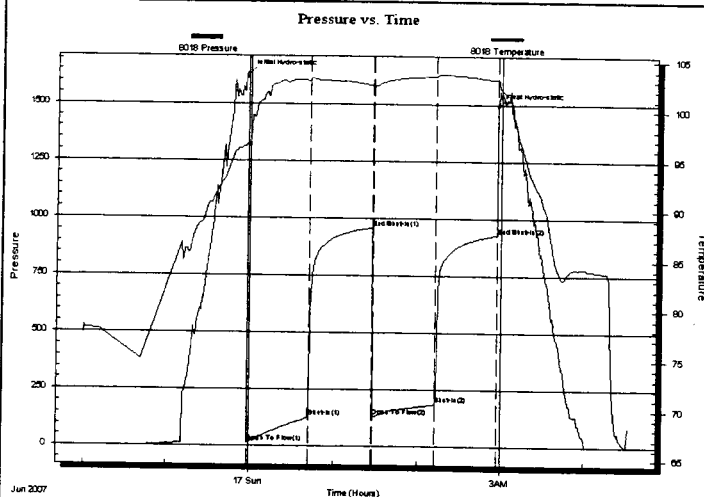
Capacity: 7000.00 psig

Last Calib.: 2007.06.17

Time On Btm: 2007.06.16 @ 23:58:15

Time Off Btm: 2007.06.17 @ 02:57:44

TEST COMMENT: IFP BOB 30 min.
ISI No blow back
FFP BOB 42 min.
FSI No blow back



PRESSURE SUMMARY

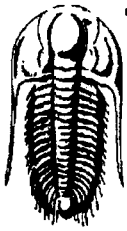
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1630.99	96.68	Initial Hydro-static
1	14.20	96.24	Open To Flow (1)
44	126.00	103.03	Shut-In(1)
89	958.29	102.58	End Shut-In(1)
90	130.17	102.10	Open To Flow(2)
135	185.39	103.47	Shut-In(2)
179	928.99	103.15	End Shut-In(2)
180	1490.32	103.30	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
359.00	MW 93%W 7%M	2.18
1.00	OIL TSTM	0.01

Gas Rates

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Brungardt Oil

Beisner Trust #1

PO Box 871
Russell KS 67665

1 10 15W Osborne KS

Job Ticket: 28603

DST#: 2

ATTN: Brad Hutchinson

Test Start: 2007.06.16 @ 21:59:35

Tool Information

Drill Pipe:	Length: 2860.00 ft	Diameter: 3.80 inches	Volume: 40.12 bbl	Tool Weight:	2500.00 lb
Heavy Wt. Pipe:	Length: 314.00 ft	Diameter: 2.25 inches	Volume: 1.54 bbl	Weight set on Packer:	25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose:	35000.00 lb
			Total Volume: 41.66 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	8.00 ft			String Weight: Initial	30000.00 lb
Depth to Top Packer:	3186.00 ft			Final	31000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	14.02 ft				
Tool Length:	34.02 ft				
Number of Packers:	2	Diameter: 6.75 inches			

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			3171.00	
Hydraulic tool	5.00			3176.00	
Packer	5.00			3181.00	20.00 Bottom Of Top Packer
Packer	5.00			3186.00	
Stubb	1.00			3187.00	
Recorder	0.01	8018	Inside	3187.01	
Perforations	10.00			3197.01	
Recorder	0.01	13548	Outside	3197.02	
Bullnose	3.00			3200.02	14.02 Bottom Packers & Anchor
Total Tool Length:	34.02				



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Brungardt Oil

Beisner Trust #1

PO Box 871
Russell KS 67665

1 10 15W Osborne KS

Job Ticket: 28603

DST#: 2

ATTN: Brad Hutchinson

Test Start: 2007.06.16 @ 21:59:35

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:

45000 ppm

Viscosity: 43.00 sec/qt

Cushion Volume:

bbf

Water Loss: 7.95 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1900.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbf
359.00	MW 93%W 7%M	2.175
1.00	OIL TSTM	0.014

Total Length: 360.00 ft

Total Volume: 2.189 bbf

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 8018

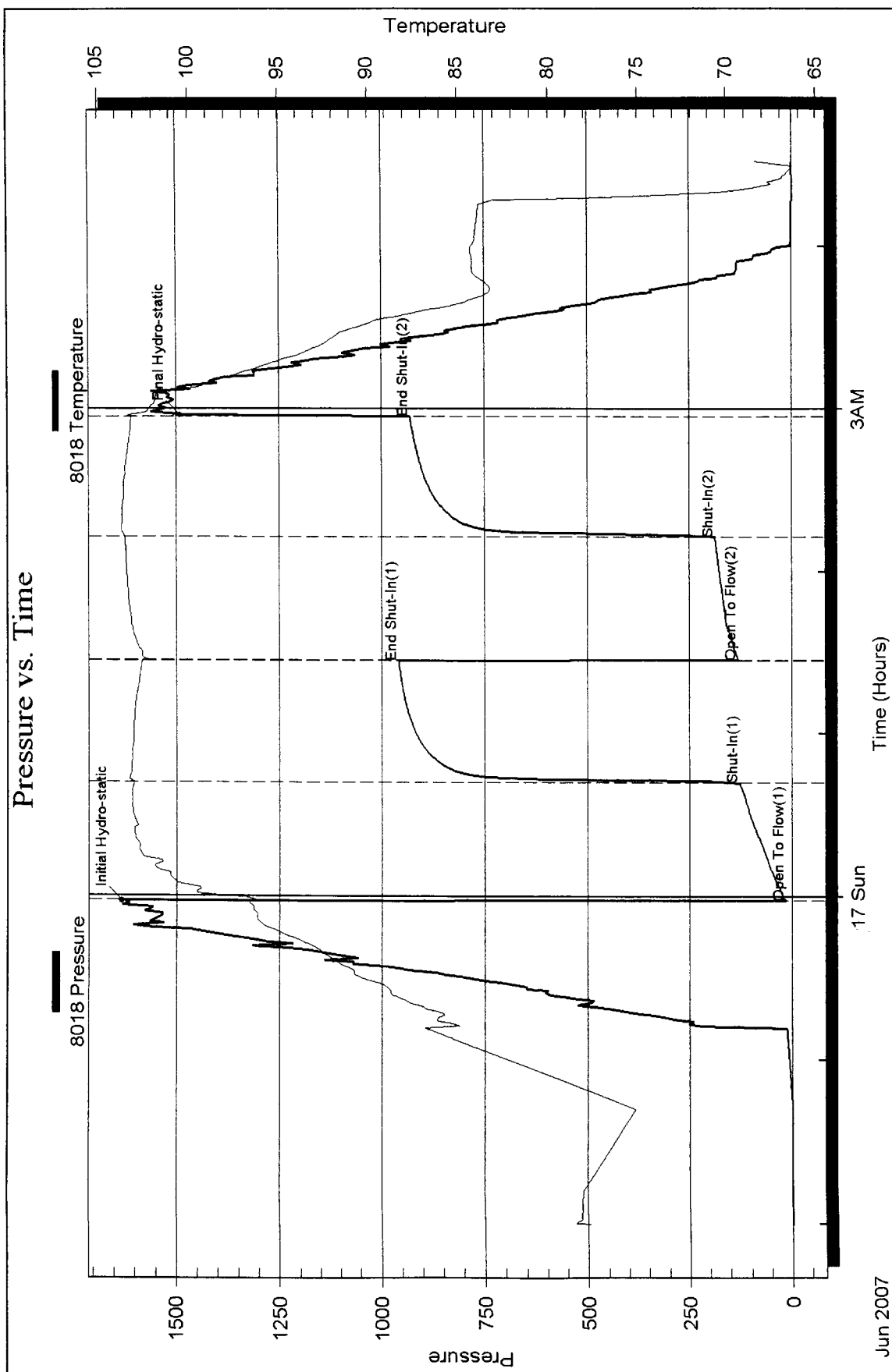
Inside

Brungardt Oil

1 10 15W Osborne KS

DST Test Number: 2

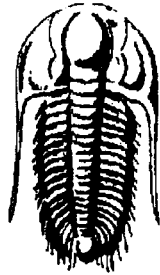
Pressure vs. Time



Ref. No: 28603

Trilobite Testing, Inc

Printed: 2007.06.19 @ 11:49:06 Page 5



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Brungardt Oil**

PO Box 871
Russell KS 67665

ATTN: Brad Hutchinson

1 10 15W Osborne KS

Beisner Trust #1

Start Date: 2007.06.17 @ 14:53:14

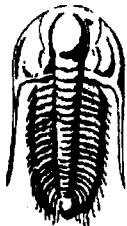
End Date: 2007.06.17 @ 20:11:08

Job Ticket #: 28604 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

Brungardt Oil

PO Box 871
Russell KS 67665

ATTN: Brad Hutchinson

Beisner Trust #1

1 10 15W Osborne KS

Job Ticket: 28604

DST#: 3

Test Start: 2007.06.17 @ 14:53:14

GENERAL INFORMATION:

Formation: **LKC "I-K"**

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

Time Tool Opened: 16:43:54

Time Test Ended: 20:11:08

Test Type: **Conventional Bottom Hole**

Tester: **Brian Fairbank**

Unit No: **41**

Interval: **3245.00 ft (KB) To 3325.00 ft (KB) (TVD)**

Total Depth: **3325.00 ft (KB) (TVD)**

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

Reference Elevations: **1884.00 ft (KB)**

1880.00 ft (CF)

KB to GRVCF: 4.00 ft

Serial #: 8018 **Inside**

Press@RunDepth: **33.04 psig @ 3248.01 ft (KB)**

Start Date: **2007.06.17**

End Date: **2007.06.17**

Start Time: **14:53:14**

End Time: **20:11:08**

Capacity: **7000.00 psig**

Last Calib.: **2007.06.17**

Time On Btm: **2007.06.17 @ 16:43:39**

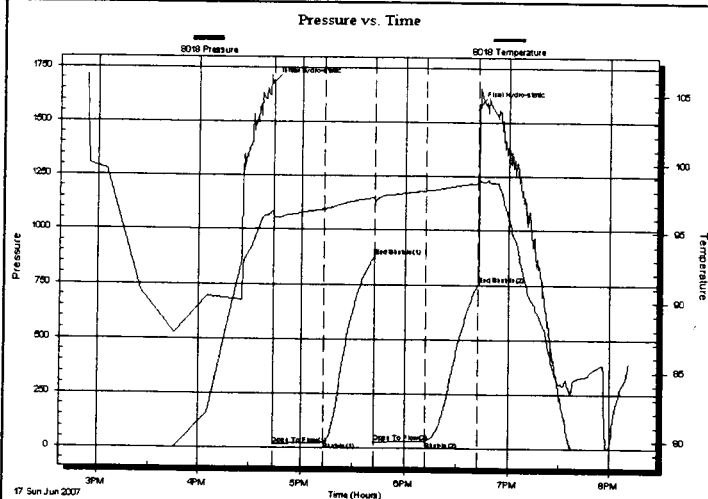
Time Off Btm: **2007.06.17 @ 18:42:54**

TEST COMMENT: **IFP Sur - 1/4 " - died 9 min.**

ISI No blow back

FFP No blow - flush - no blow

FSI No blow back



PRESSURE SUMMARY

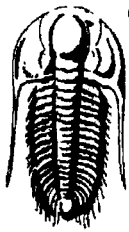
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1681.10	96.55	Initial Hydro-static
1	16.72	96.09	Open To Flow (1)
30	25.53	96.70	Shut-In(1)
59	876.76	97.57	End Shut-In(1)
59	27.82	97.04	Open To Flow (2)
89	33.04	98.06	Shut-In(2)
119	753.31	98.64	End Shut-In(2)
120	1577.69	98.99	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
15.00	Mud w/scum O 100%M	0.07

Gas Rates

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Brungardt Oil

Beisner Trust #1

PO Box 871
Russell KS 67665

1 10 15W Osborne KS

Job Ticket: 28604

DST#: 3

ATTN: Brad Hutchinson

Test Start: 2007.06.17 @ 14:53:14

Tool Information

Drill Pipe:	Length: 2920.00 ft	Diameter: 3.80 inches	Volume: 40.96 bbl	Tool Weight:	2500.00 lb
Heavy Wt. Pipe:	Length: 314.00 ft	Diameter: 2.25 inches	Volume: 1.54 bbl	Weight set on Packer:	25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose:	35000.00 lb
			Total Volume: 42.50 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	9.00 ft			String Weight: Initial	30000.00 lb
Depth to Top Packer:	3245.00 ft			Final	30000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	80.02 ft				
Tool Length:	100.02 ft				
Number of Packers:	2	Diameter: 6.75 inches			
Tool Comments:					

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			3230.00	
Hydraulic tool	5.00			3235.00	
Packer	5.00			3240.00	20.00 Bottom Of Top Packer
Packer	5.00			3245.00	
Stubb	1.00			3246.00	
Perforations	1.00			3247.00	
Change Over Sub	1.00			3248.00	
Recorder	0.01	8018	Inside	3248.01	
Blank Spacing	63.00			3311.01	
Change Over Sub	1.00			3312.01	
Perforations	10.00			3322.01	
Recorder	0.01	13548	Outside	3322.02	
Bullnose	3.00			3325.02	80.02 Bottom Packers & Anchor

Total Tool Length: 100.02



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Brungardt Oil

Beisner Trust #1

PO Box 871
Russell KS 67665

1 10 15W Osborne KS

Job Ticket: 28604

DST#: 3

ATTN: Brad Hutchinson

Test Start: 2007.06.17 @ 14:53:14

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: 52.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.97 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2400.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
15.00	Mud w/scum O 100%M	0.074

Total Length: 15.00 ft

Total Volume: 0.074 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 8018

Inside

Brungardt Oil

1 10 15W Osborne KS

DST Test Number: 3

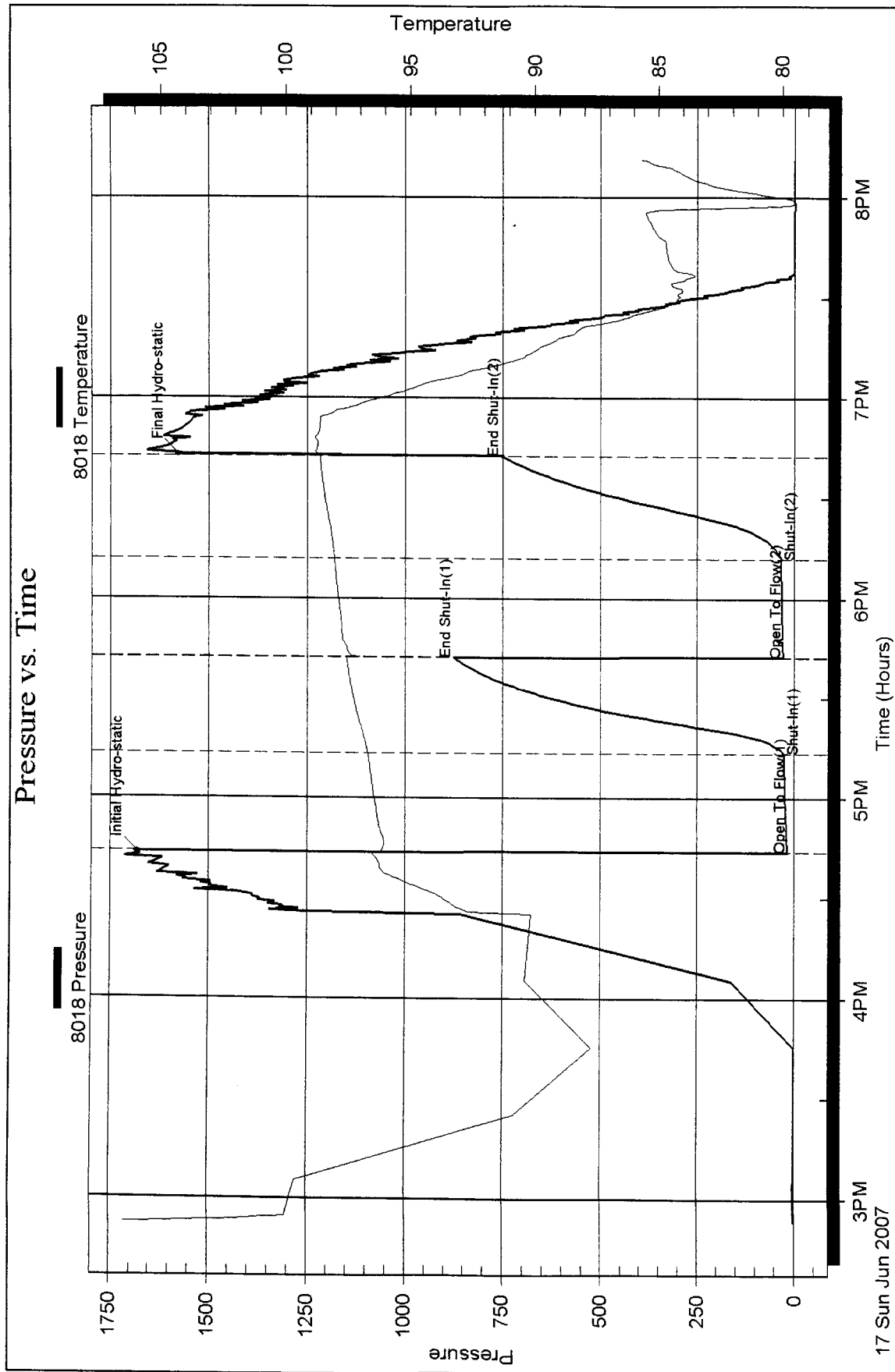


CHART PAGE

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

Burgess

Leisner Trust #1

OST #1

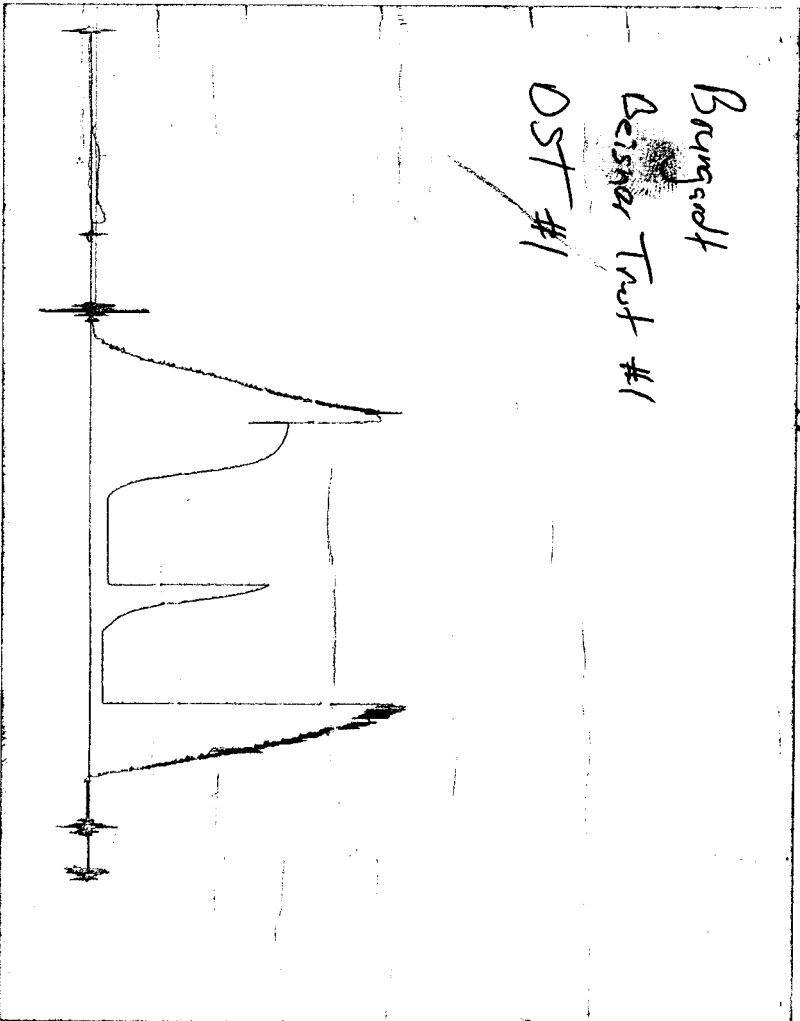


CHART PAGE

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

Beungard
Beisner Trust #1
DST #2

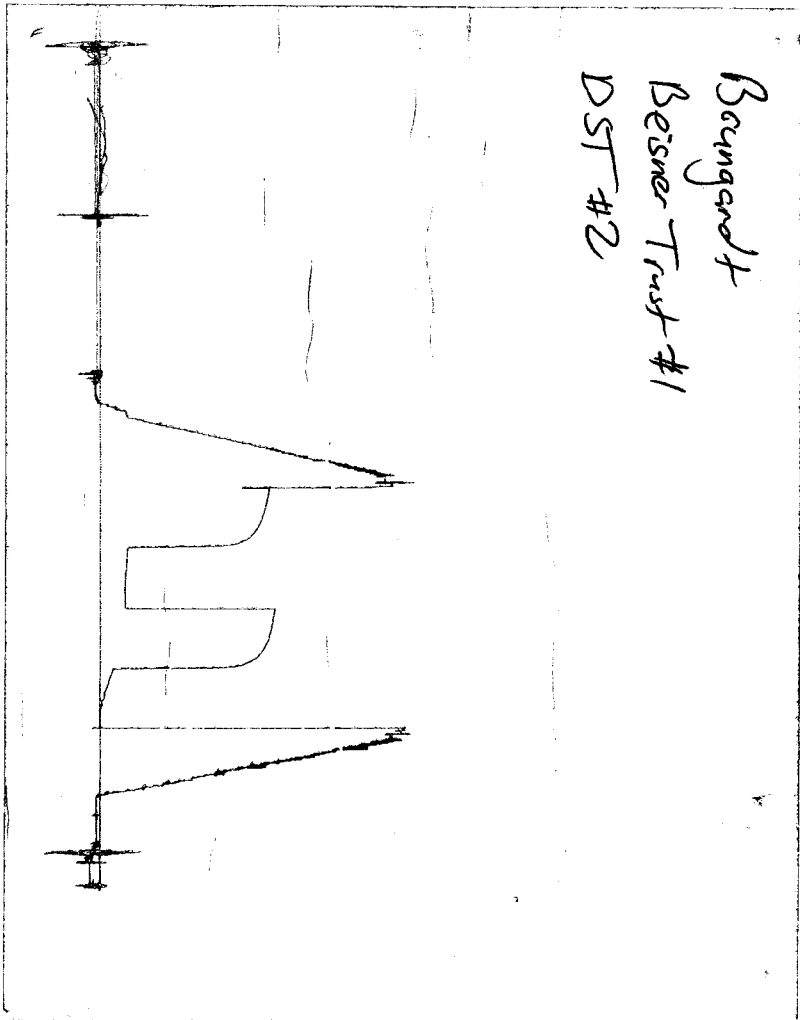


CHART PAGE

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

Bergard
Beiser Trut #1
DST #3

