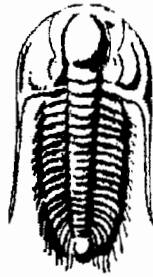


15-063-21663



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Dane G Hansen Trust**

PO Box 187
Logan KS 67646

ATTN: Doug Davis

28 15 27W Gove KS

Roderick #7

Start Date: 2007.05.22 @ 10:01:38

End Date: 2007.05.22 @ 16:47:18

Job Ticket #: 27345

DST #: 1

15-063-21663

NW NE SE

2310 FSL 990 FEL

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Dane G Hansen Trust

Roderick #7

PO Box 187
Logan KS 67646

28 15 27W Gove KS

Job Ticket: 27345

DST#: 1

ATTN: Doug Davis

Test Start: 2007.05.22 @ 10:01:38

GENERAL INFORMATION:

Formation: **Lansing D**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 11:43:58

Time Test Ended: 16:47:18

Test Type: Conventional Bottom Hole

Tester: Chris Hagman

Unit No: 34

Interval: 3729.00 ft (KB) To 3736.00 ft (KB) (TVD)

Total Depth: 3736.00 ft (KB) (TVD)

Hole Diameter: 7.78 inches Hole Condition: Good

Reference Elevations: 2453.00 ft (KB)

2445.00 ft (CF)

KB to GR/CF: 8.00 ft

Serial #: 8288

Inside

Press@RunDepth: 698.17 psig @ 3733.00 ft (KB)

Start Date: 2007.05.22

End Date:

2007.05.22

Capacity: 7000.00 psig

Last Calib.: 1899.12.30

Start Time: 10:01:38

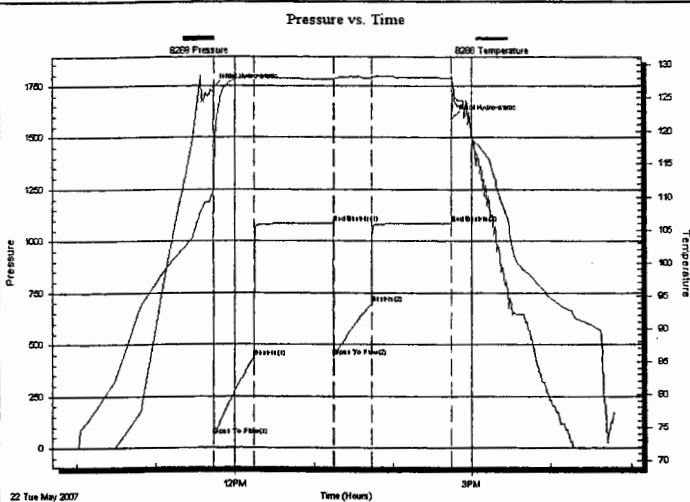
End Time:

16:47:17

Time On Btm: 2007.05.22 @ 11:43:28

Time Off Btm: 2007.05.22 @ 14:45:38

TEST COMMENT: IF BOB 3 min. strong building blow
ISI No blow back
FF BOB 3 min. strong steady blow
FSI No blow back



PRESSURE SUMMARY

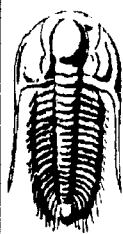
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1741.34	110.58	Initial Hydro-static
1	57.12	113.22	Open To Flow (1)
31	434.36	128.26	Shut-In(1)
91	1086.39	127.78	End Shut-In(1)
92	441.28	127.63	Open To Flow (2)
120	698.17	128.07	Shut-In(2)
182	1085.40	128.05	End Shut-In(2)
183	1590.19	128.35	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
1426.00	100%Water	19.72

Gas Rates

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



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

Dane G Hansen Trust

Roderick #7

PO Box 187
Logan KS 67646

28 15 27W Gove KS

Job Ticket: 27345

DST#: 1

ATTN: Doug Davis

Test Start: 2007.05.22 @ 10:01:38

Tool Information

Drill Pipe:	Length: 3678.00 ft	Diameter: 3.80 inches	Volume: 51.59 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:	20000.00 lb
Drill Collar:	Length: 31.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose:	70000.00 lb
		Total Volume:	51.74 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	8.00 ft			String Weight: Initial	57000.00 lb
Depth to Top Packer:	3729.00 ft			Final	61000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	7.00 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
Change Over Sub	1.00			3702.00	
Shut In Tool	5.00			3707.00	
Hydraulic tool	5.00			3712.00	
Jars	5.00			3717.00	
Safety Joint	3.00			3720.00	
Packer	5.00			3725.00	28.00 Bottom Of Top Packer
Packer	4.00			3729.00	
Stubb	1.00			3730.00	
Perforations	3.00			3733.00	
Recorder	0.00	8288	Inside	3733.00	
Bullnose	3.00			3736.00	7.00 Bottom Packers & Anchor

Total Tool Length: 35.00



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Dane G Hansen Trust

Roderick #7

PO Box 187
Logan KS 67646

28 15 27W Gove KS

Job Ticket: 27345

DST#: 1

ATTN: Doug Davis

Test Start: 2007.05.22 @ 10:01:38

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:

31000 ppm

Viscosity: 57.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.17 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2300.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
1426.00	100%Water	19.721

Total Length: 1426.00 ft Total Volume: 19.721 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

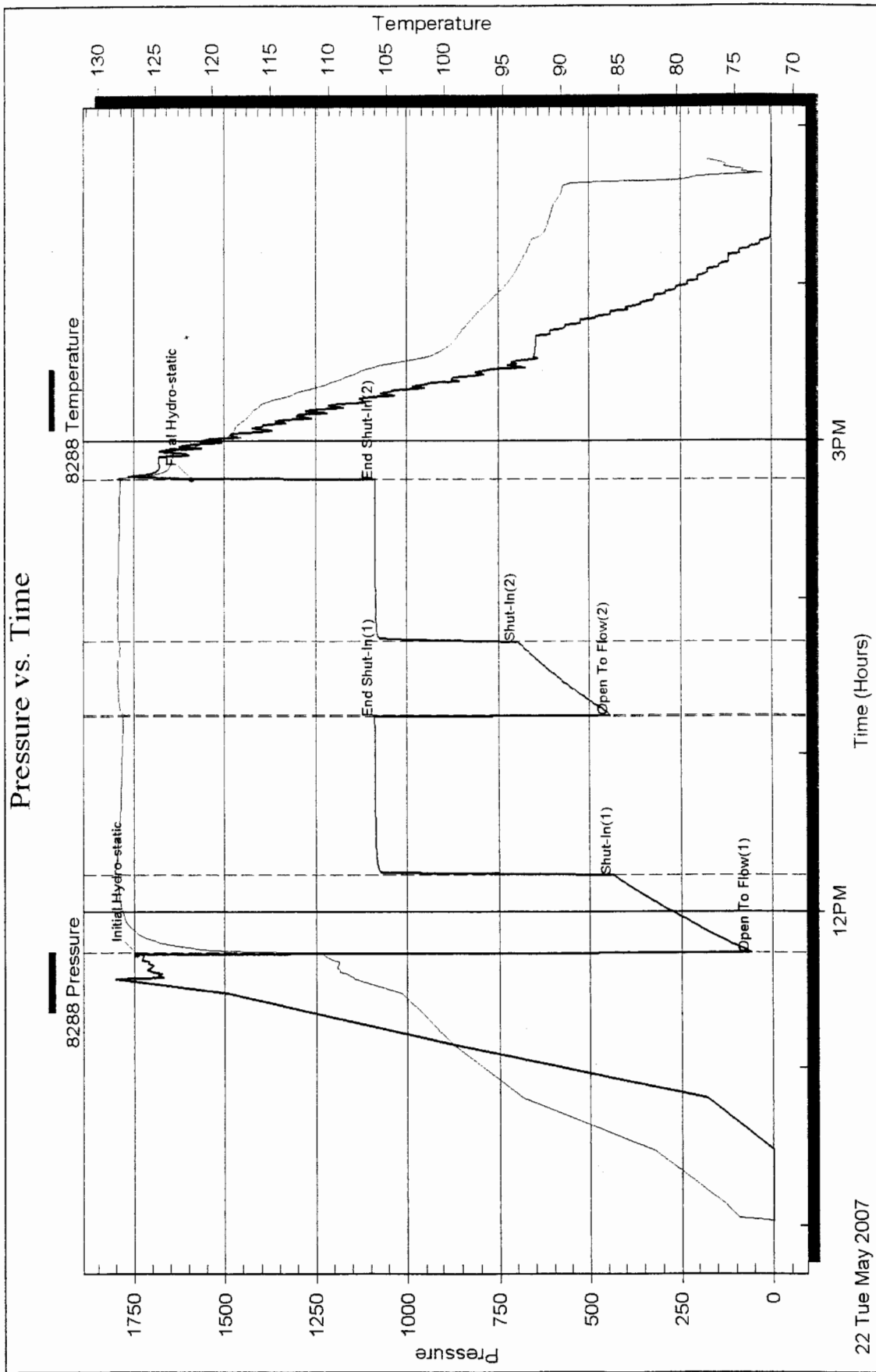
Serial #:

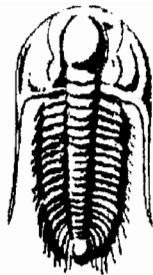
Laboratory Name:

Laboratory Location:

Recovery Comments: RW=176@90F=31,000ppm

Pressure vs. Time





TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Dane G Hansen Trust**

PO Box 187
Logan KS 67646

ATTN: Doug Davis

28 15 27W Gove KS

Roderick #7

Start Date: 2007.05.22 @ 23:44:51

End Date: 2007.05.23 @ 06:23:11

Job Ticket #: 27346 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

Dane G Hansen Trust

PO Box 187
Logan KS 67646

ATTN: Doug Davis

Roderick #7

28 15 27W Gove KS

Job Ticket: 27346

DST#: 2

Test Start: 2007.05.22 @ 23:44:51

GENERAL INFORMATION:

Formation: **Lansing E**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 01:23:31

Time Test Ended: 06:23:11

Test Type: Conventional Bottom Hole

Tester: Chris Hagman

Unit No: 34

Interval: **3754.00 ft (KB) To 3770.00 ft (KB) (TVD)**

Total Depth: 3770.00 ft (KB) (TVD)

Hole Diameter: 7.78 inches Hole Condition: Good

Reference Elevations: 2453.00 ft (KB)

2445.00 ft (CF)

KB to GR/CF: 8.00 ft

Serial #: 8288 Inside

Press@RunDepth: 71.30 psig @ 3757.00 ft (KB)

Start Date: 2007.05.22

End Date:

2007.05.23

Start Time: 23:44:51

End Time:

06:23:11

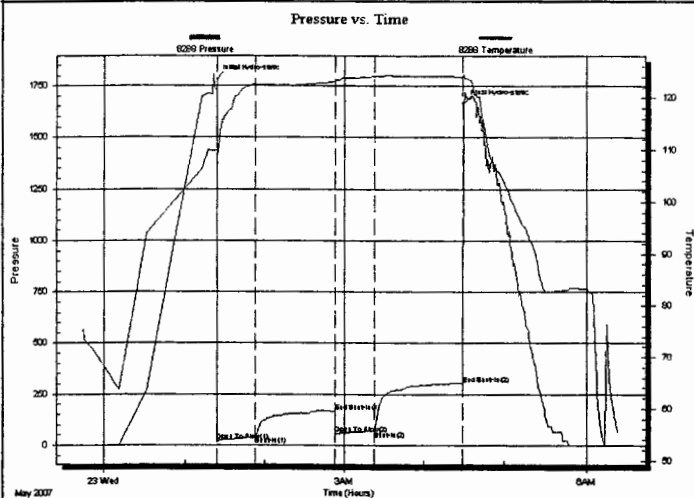
Capacity: 7000.00 psig

Last Calib.: 1899.12.30

Time On Btm: 2007.05.23 @ 01:23:21

Time Off Btm: 2007.05.23 @ 04:30:11

TEST COMMENT: IF 7 inches in 30 min. fair building blow
ISI Blow back 5 min. weak surface blow
FF 5 inches in 30 min. fair building blow
FSI Blow back 5 min. weak surface blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1781.33	109.92	Initial Hydro-static
1	17.35	109.06	Open To Flow (1)
30	42.10	122.61	Shut-In(1)
90	164.76	123.08	End Shut-In(1)
91	56.93	123.29	Open To Flow (2)
120	71.30	124.09	Shut-In(2)
187	301.91	124.05	End Shut-In(2)
187	1666.45	124.55	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
124.00	100%W	1.46
5.00	100%O	0.07

Gas Rates

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



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

Dane G Hansen Trust

Roderick #7

PO Box 187
Logan KS 67646

28 15 27W Gove KS

Job Ticket: 27346

DST#: 2

ATTN: Doug Davis

Test Start: 2007.05.22 @ 23:44:51

Tool Information

Drill Pipe:	Length: 3711.00 ft	Diameter: 3.80 inches	Volume: 52.06 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: 20000.00 lb
Drill Collar:	Length: 31.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose: 50000.00 lb
		Total Volume: 52.21 bbl		Tool Chased 0.00 ft
Drill Pipe Above KB:	16.00 ft			String Weight: Initial 40000.00 lb
Depth to Top Packer:	3754.00 ft			Final 42000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	16.00 ft			
Tool Length:	44.00 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			3727.00	
Shut In Tool	5.00			3732.00	
Hydraulic tool	5.00			3737.00	
Jars	5.00			3742.00	
Safety Joint	3.00			3745.00	
Packer	5.00			3750.00	28.00 Bottom Of Top Packer
Packer	4.00			3754.00	
Stubb	1.00			3755.00	
Perforations	2.00			3757.00	
Recorder	0.00	8288	Inside	3757.00	
Perforations	10.00			3767.00	
Recorder	0.00	13630	Inside	3767.00	
Bullnose	3.00			3770.00	16.00 Bottom Packers & Anchor

Total Tool Length: 44.00



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Dane G Hansen Trust

Roderick #7

PO Box 187
Logan KS 67646

28 15 27W Gove KS

Job Ticket: 27346

DST#: 2

ATTN: Doug Davis

Test Start: 2007.05.22 @ 23:44:51

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: 57.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.18 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2300.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
124.00	100%W	1.457
5.00	100%O	0.070

Total Length: 129.00 ft Total Volume: 1.527 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

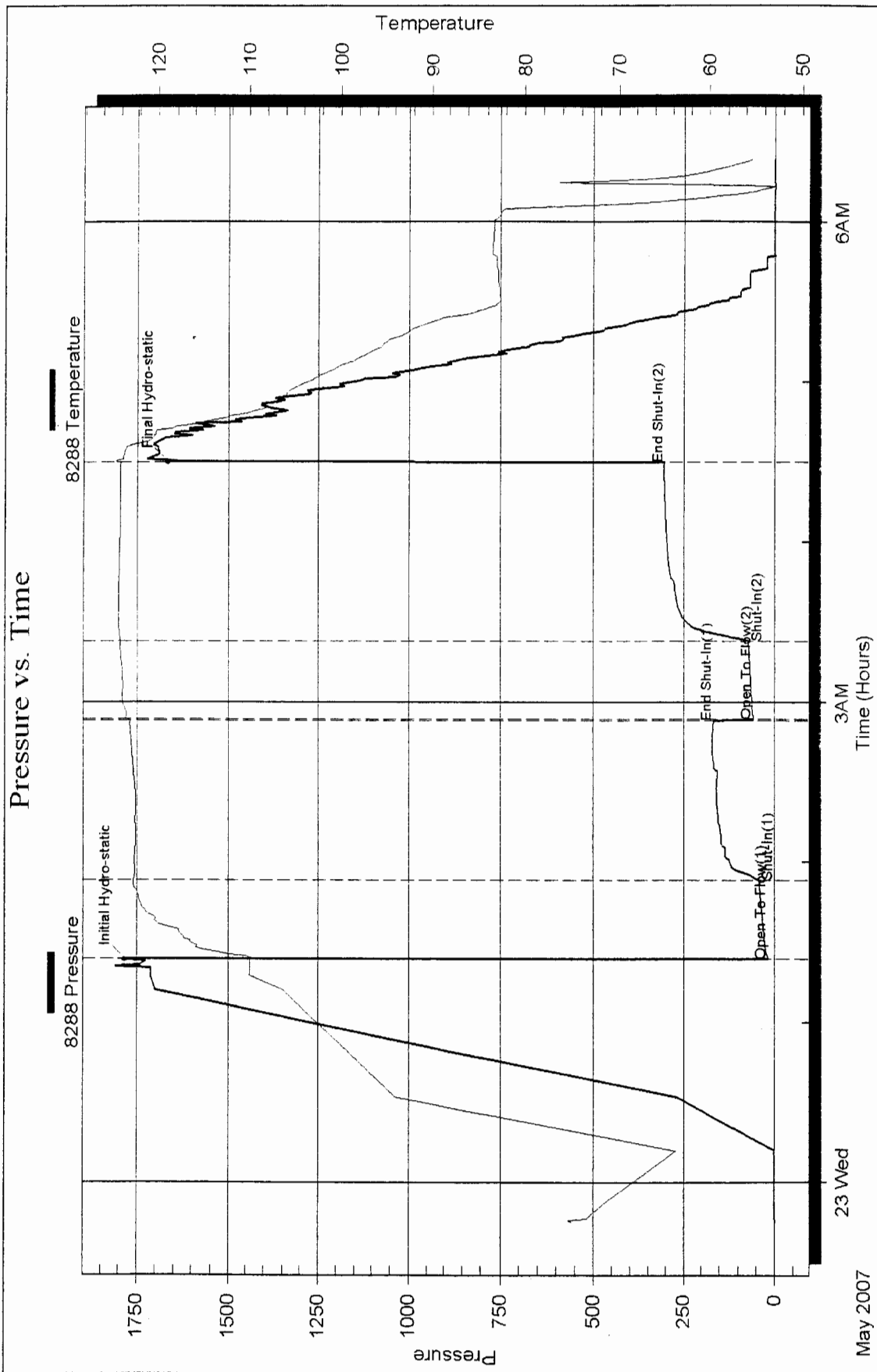
Serial #:

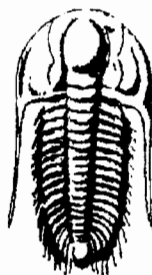
Laboratory Name:

Laboratory Location:

Recovery Comments: RW=.155@76F=38,000ppm

Pressure vs. Time





TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Dane G Hansen Trust**

PO Box 187
Logan KS 67646

ATTN: Doug Davis

28 15 27W Gove KS

Roderick #7

Start Date: 2007.05.23 @ 12:13:44

End Date: 2007.05.23 @ 18:16:44

Job Ticket #: 27347 DST #: 3

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Dane G Hansen Trust

Roderick #7

28 15 27W Gove KS

DST # 3

Lansing F

2007.05.23



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

Dane G Hansen Trust

PO Box 187
Logan KS 67646

ATTN: Doug Davis

Roderick #7

28 15 27W Gove KS

Job Ticket: 27347

DST#: 3

Test Start: 2007.05.23 @ 12:13:44

GENERAL INFORMATION:

Formation: **Lansing F**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 13:34:54

Time Test Ended: 18:16:44

Test Type: Conventional Bottom Hole

Tester: Chris Hagman

Unit No: 34

Interval: **3772.00 ft (KB) To 3785.00 ft (KB) (TVD)**

Total Depth: 3785.00 ft (KB) (TVD)

Hole Diameter: 7.78 inches Hole Condition: Good

Reference Elevations: 2453.00 ft (KB)

2445.00 ft (CF)

KB to GR/CF: 8.00 ft

Serial #: 8288

Inside

Press@RunDepth: 42.33 psig @ 3774.00 ft (KB)

Start Date: 2007.05.23

End Date:

2007.05.23

Start Time: 12:13:44

End Time:

18:16:44

Capacity: 7000.00 psig

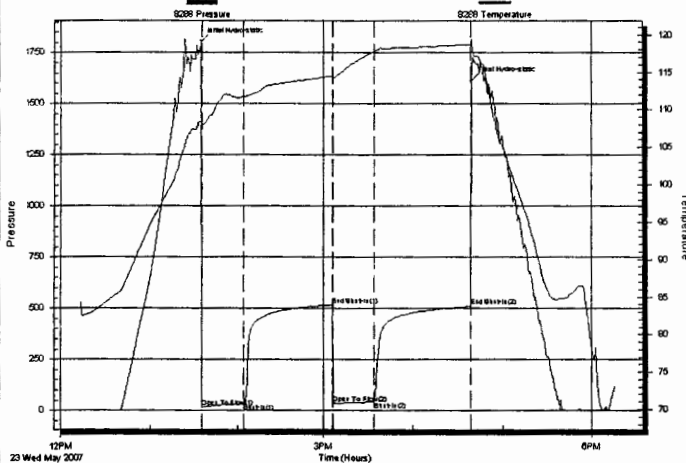
Last Calib.: 1899.12.30

Time On Btm: 2007.05.23 @ 13:34:24

Time Off Btm: 2007.05.23 @ 16:38:44

TEST COMMENT: IF 3 inches in 30 min. weak building blow
ISI No blow back
FF 1 inch in 30 min. weak building blow
FSI No blow back

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1805.00	108.39	Initial Hydro-static
1	15.71	107.97	Open To Flow (1)
30	32.13	111.71	Shut-In(1)
92	517.14	114.47	End Shut-In(1)
92	33.52	114.38	Open To Flow (2)
120	42.33	117.78	Shut-In(2)
185	509.63	118.75	End Shut-In(2)
185	1614.69	119.47	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
62.00	Muddy Water 70%W 30%M	0.59

Gas Rates

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



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

Dane G Hansen Trust

Roderick #7

PO Box 187
Logan KS 67646

28 15 27W Gove KS

Job Ticket: 27347

DST#: 3

ATTN: Doug Davis

Test Start: 2007.05.23 @ 12:13:44

Tool Information

Drill Pipe:	Length: 3723.00 ft	Diameter: 3.80 inches	Volume: 52.22 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:	20000.00 lb
Drill Collar:	Length: 31.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose:	80000.00 lb
		Total Volume:	52.37 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	10.00 ft			String Weight: Initial	55000.00 lb
Depth to Top Packer:	3772.00 ft			Final	55000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	13.00 ft				
Tool Length:	41.00 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			3745.00	
Shut In Tool	5.00			3750.00	
Hydraulic tool	5.00			3755.00	
Jars	5.00			3760.00	
Safety Joint	3.00			3763.00	
Packer	5.00			3768.00	28.00 Bottom Of Top Packer
Packer	4.00			3772.00	
Stubb	1.00			3773.00	
Perforations	1.00			3774.00	
Recorder	0.00	8288	Inside	3774.00	
Perforations	8.00			3782.00	
Recorder	0.00	13630	Inside	3782.00	
Bullnose	3.00			3785.00	13.00 Bottom Packers & Anchor

Total Tool Length: 41.00



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Dane G Hansen Trust

Roderick #7

PO Box 187
Logan KS 67646

28 15 27W Gove KS

Job Ticket: 27347

DST#: 3

ATTN: Doug Davis

Test Start: 2007.05.23 @ 12:13:44

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:

46000 ppm

Viscosity: 52.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.19 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2700.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
62.00	Muddy Water 70%W 30%M	0.587

Total Length: 62.00 ft Total Volume: 0.587 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

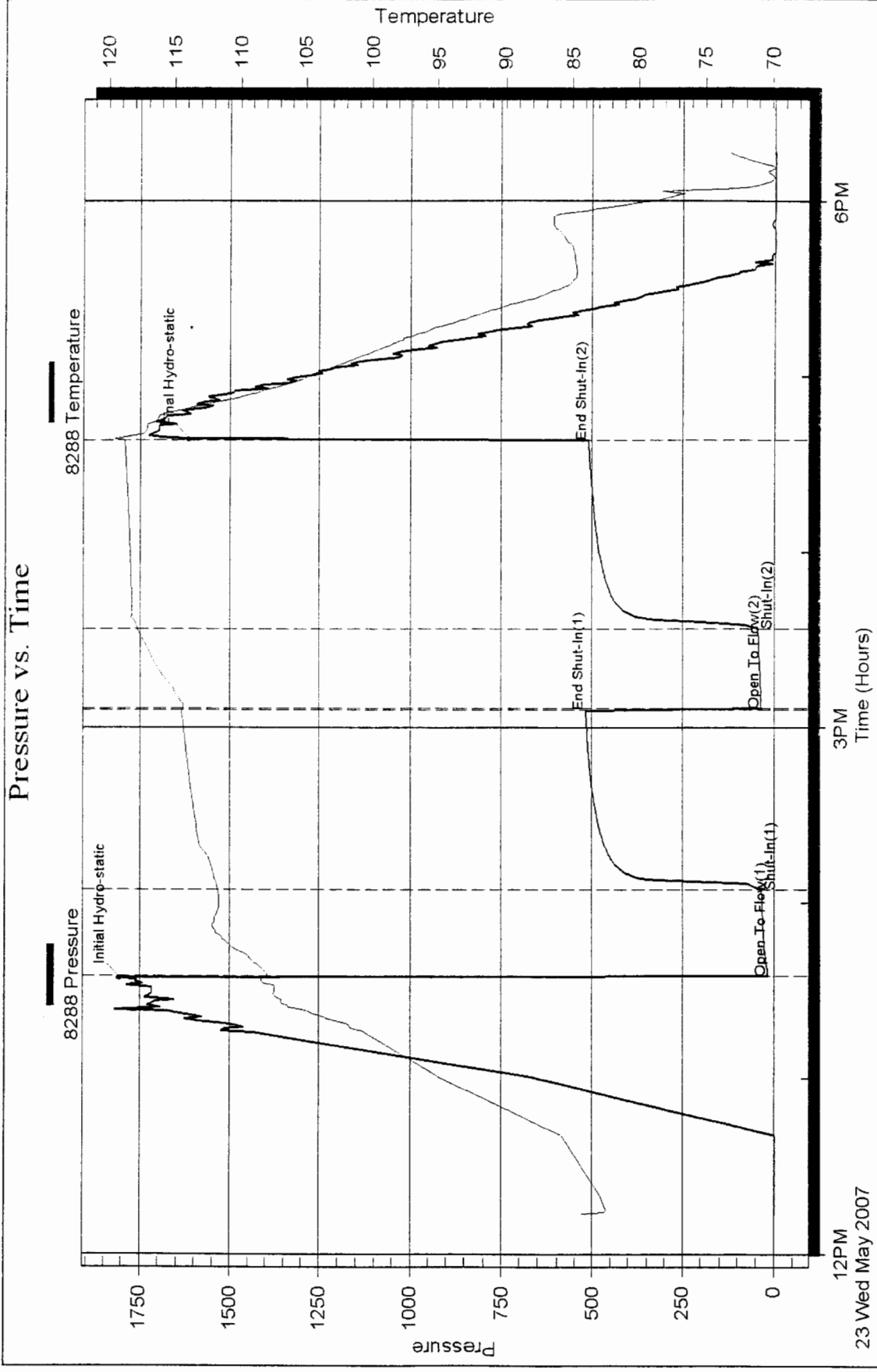
Serial #:

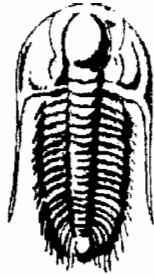
Laboratory Name:

Laboratory Location:

Recovery Comments: RW=.135@85F=46,000ppm

Pressure vs. Time





TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Dane G Hansen Trust**

PO Box 187
Logan KS 67646

ATTN: Doug Davis

28 15 27W Gove KS

Roderick #7

Start Date: 2007.05.24 @ 03:58:56

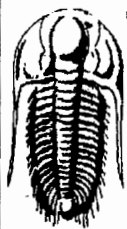
End Date: 2007.05.24 @ 08:46:05

Job Ticket #: 27757 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

Dane G Hansen Trust

PO Box 187
Logan KS 67646

ATTN: Doug Davis

Roderick #7

28 15 27W Gove KS

Job Ticket: 27757

DST#: 4

Test Start: 2007.05.24 @ 03:58:56

GENERAL INFORMATION:

Formation: **LKC "H"**

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

Time Tool Opened: 05:41:36

Time Test Ended: 08:46:05

Test Type: **Conventional Bottom Hole**

Tester: **Brandon Domsch**

Unit No: **25**

Interval: 3838.00 ft (KB) To 3860.00 ft (KB) (TVD)

Total Depth: **3860.00 ft (KB) (TVD)**

Hole Diameter: **7.78 inches** Hole Condition: **Fair**

Reference Elevations: **2453.00 ft (KB)**

2445.00 ft (CF)

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

Serial #: 6755

Inside

Press@RunDepth: **21.09 psig @ 3839.00 ft (KB)**

Start Date: **2007.05.24**

End Date:

2007.05.24

Capacity: **7000.00 psig**

Last Calib.: **2007.05.24**

Start Time: **03:58:56**

End Time:

08:46:05

Time On Btm: **2007.05.24 @ 05:41:21**

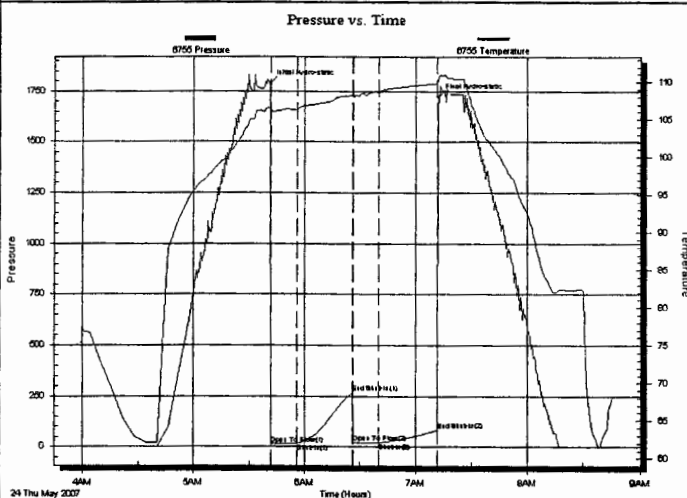
Time Off Btm: **2007.05.24 @ 07:12:06**

TEST COMMENT: IF Surface blow built to 1 inch.

IS No return

FF Surface blow died 10 mins.

FS No return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1787.20	106.48	Initial Hydro-static
1	12.74	105.75	Open To Flow (1)
15	16.50	106.40	Shut-In(1)
45	266.84	108.19	End Shut-In(1)
46	18.72	108.10	Open To Flow (2)
59	21.09	108.59	Shut-In(2)
91	82.98	109.85	End Shut-In(2)
91	1721.64	110.30	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	Mud 100%M	0.05

Gas Rates

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



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

Dane G Hansen Trust

Roderick #7

PO Box 187
Logan KS 67646

28 15 27W Gove KS

Job Ticket: 27757

DST#: 4

ATTN: Doug Davis

Test Start: 2007.05.24 @ 03:58:56

Tool Information

Drill Pipe:	Length: 3789.00 ft	Diameter: 3.80 inches	Volume: 53.15 bbl	Tool Weight:	1500.00 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: 31.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose:	40000.00 lb
		Total Volume:	53.30 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	10.00 ft			String Weight: Initial	38000.00 lb
Depth to Top Packer:	3838.00 ft			Final	38000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	22.00 ft				
Tool Length:	50.00 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			3811.00	
Shut In Tool	5.00			3816.00	
Hydraulic tool	5.00			3821.00	
Jars	5.00			3826.00	
Safety Joint	3.00			3829.00	
Packer	5.00			3834.00	28.00 Bottom Of Top Packer
Packer	4.00			3838.00	
Stubb	1.00			3839.00	
Recorder	0.00	6755	Inside	3839.00	
Perforations	16.00			3855.00	
Recorder	0.00	2607	Inside	3855.00	
Bullnose	5.00			3860.00	22.00 Bottom Packers & Anchor

Total Tool Length: 50.00



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Dane G Hansen Trust

Roderick #7

PO Box 187
Logan KS 67646

28 15 27W Gove KS

Job Ticket: 27757

DST#: 4

ATTN: Doug Davis

Test Start: 2007.05.24 @ 03:58:56

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: 7.15 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 2700.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	Mud 100%M	0.049

Total Length: 10.00 ft Total Volume: 0.049 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

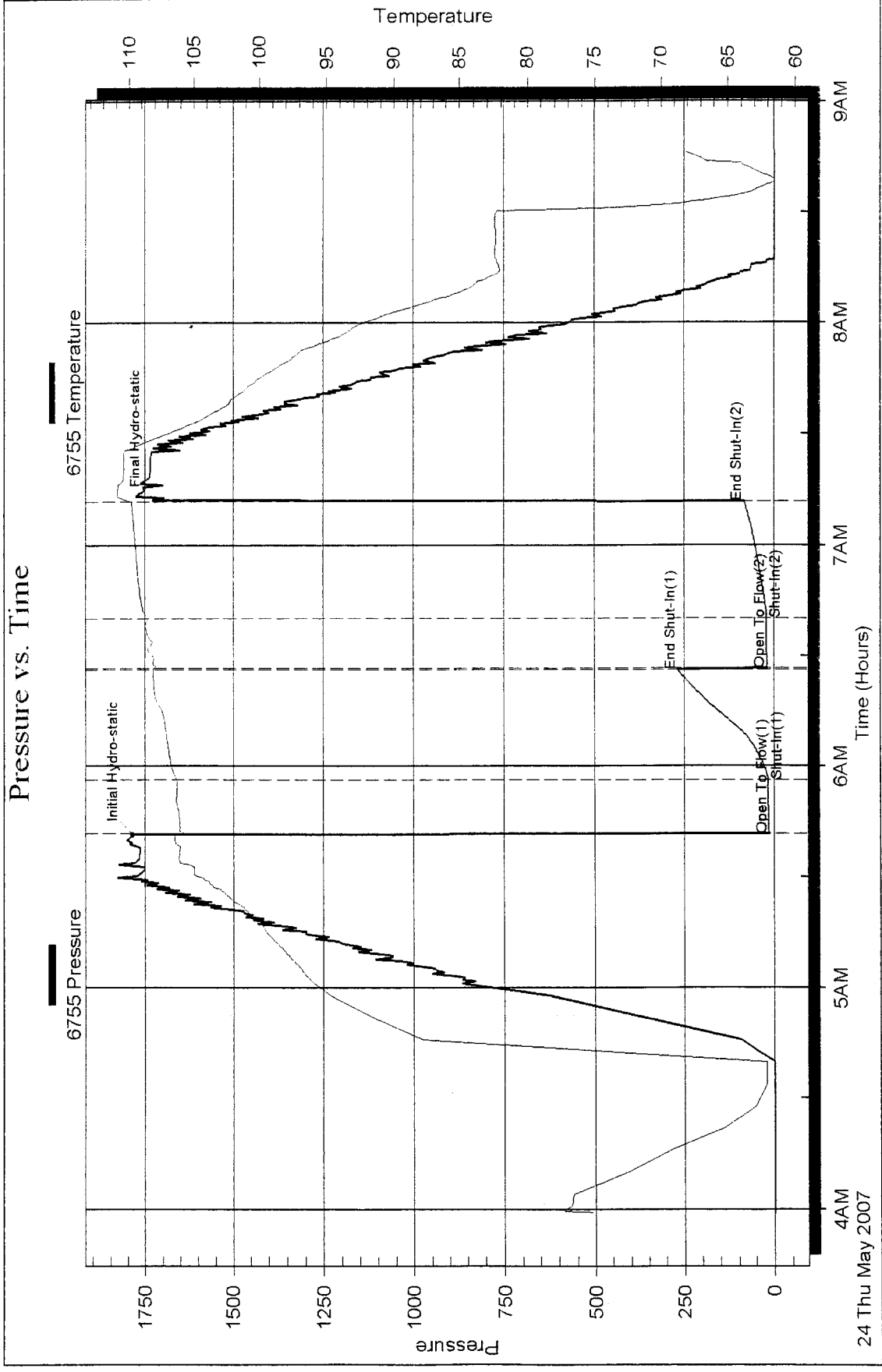
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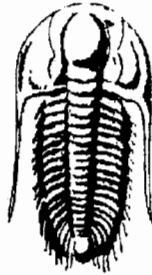
Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Dane G Hansen Trust**

PO Box 187
Logan KS 67646

ATTN: Doug Davis

28 15 27W Gove KS

Roderick #7

Start Date: 2007.05.24 @ 16:48:28

End Date: 2007.05.24 @ 21:38:52

Job Ticket #: 27758 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

Dane G Hansen Trust

PO Box 187
Logan KS 67646

ATTN: Doug Davis

Roderick #7

28 15 27W Gove KS

Job Ticket: 27758

DST#: 5

Test Start: 2007.05.24 @ 16:48:28

GENERAL INFORMATION:

Formation: "I"

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 18:30:23

Time Test Ended: 21:38:52

Test Type: Conventional Bottom Hole

Tester: Brandon Domsch

Unit No: 25

Interval: 3869.00 ft (KB) To 3895.00 ft (KB) (TVD)

Total Depth: 3860.00 ft (KB) (TVD)

Hole Diameter: 7.78 inches Hole Condition: Fair

Reference Elevations: 2453.00 ft (KB)

2445.00 ft (CF)

KB to GR/CF: 8.00 ft

Serial #: 6755

Inside

Press@RunDepth: 20.55 psig @ 3870.00 ft (KB)

Start Date: 2007.05.24

End Date:

2007.05.24

Capacity: 7000.00 psig

Last Calib.: 2007.05.24

Start Time: 16:48:28

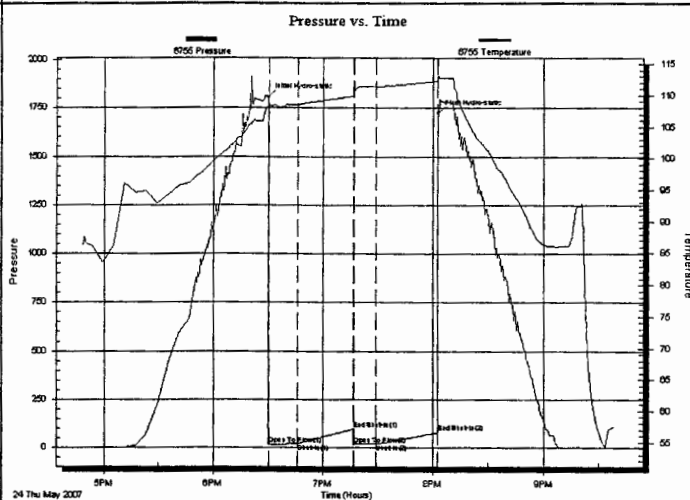
End Time:

21:38:52

Time On Btm: 2007.05.24 @ 18:29:53

Time Off Btm: 2007.05.24 @ 20:02:38

TEST COMMENT: IF Surface blow built to 3/4 inch.
IS No return
FF1/4 inch blow died in 8 mins.
FS No return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1807.26	108.24	Initial Hydro-static
1	13.78	108.04	Open To Flow (1)
17	19.48	108.45	Shut-In (1)
47	96.08	109.84	End Shut-In (1)
48	15.66	110.29	Open To Flow (2)
60	20.55	111.38	Shut-In (2)
93	78.21	112.26	End Shut-In (2)
93	1722.80	113.06	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
15.00	Oil spotted Mud 100%M	0.07

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

Dane G Hansen Trust

Roderick #7

PO Box 187
Logan KS 67646

28 15 27W Gove KS

Job Ticket: 27758

DST#: 5

ATTN: Doug Davis

Test Start: 2007.05.24 @ 16:48:28

Tool Information

Drill Pipe:	Length: 3818.00 ft	Diameter: 3.80 inches	Volume: 53.56 bbl	Tool Weight:	1500.00 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: 31.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose:	58000.00 lb
		Total Volume:	53.71 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	8.00 ft			String Weight: Initial	56000.00 lb
Depth to Top Packer:	3869.00 ft			Final	56000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	26.00 ft				
Tool Length:	54.00 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			3842.00	
Shut In Tool	5.00			3847.00	
Hydraulic tool	5.00			3852.00	
Jars	5.00			3857.00	
Safety Joint	3.00			3860.00	
Packer	5.00			3865.00	28.00 Bottom Of Top Packer
Packer	4.00			3869.00	
Stubb	1.00			3870.00	
Recorder	0.00	6755	Inside	3870.00	
Perforations	20.00			3890.00	
Recorder	0.00	2607	Inside	3890.00	
Bullnose	5.00			3895.00	26.00 Bottom Packers & Anchor

Total Tool Length: 54.00



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Dane G Hansen Trust

Roderick #7

PO Box 187
Logan KS 67646

28 15 27W Gove KS

Job Ticket: 27758

DST#: 5

ATTN: Doug Davis

Test Start: 2007.05.24 @ 16:48:28

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: 57.00 sec/qt

Cushion Volume:

bbl

Water Loss: 8.72 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 3400.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
15.00	Oil spotted Mud 100%M	0.074

Total Length: 15.00 ft

Total Volume: 0.074 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

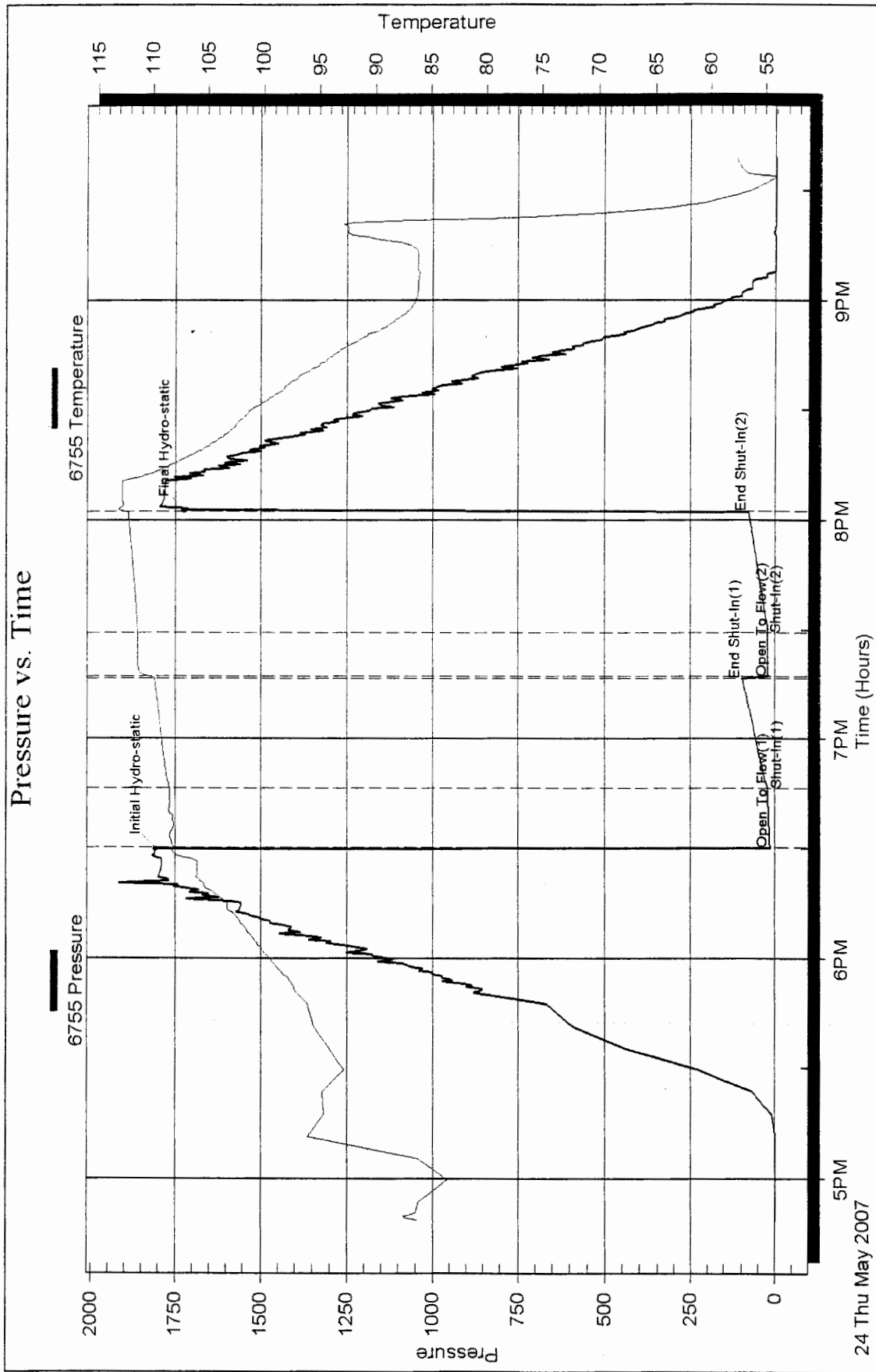
Serial #:

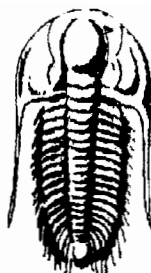
Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Dane G Hansen Trust**

PO Box 187
Logan KS 67646

ATTN: Doug Davis

28 15 27W Gove KS

Roderick #7

Start Date: 2007.05.25 @ 03:47:05

End Date: 2007.05.25 @ 08:36:29

Job Ticket #: 27759 DST #: 6

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Dane G Hansen Trust

PO Box 187
Logan KS 67646

ATTN: Doug Davis

Roderick #7

28 15 27W Gove KS

Job Ticket: 27759

DST#: 6

Test Start: 2007.05.25 @ 03:47:05

GENERAL INFORMATION:

Formation: "J"

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 05:20:30

Time Test Ended: 08:36:29

Test Type: Conventional Bottom Hole

Tester: Brandon Domsch

Unit No: 25

Interval: 3898.00 ft (KB) To 3920.00 ft (KB) (TVD)

Total Depth: 3920.00 ft (KB) (TVD)

Hole Diameter: 7.78 inches Hole Condition: Fair

Reference Elevations: 2453.00 ft (KB)

2445.00 ft (CF)

KB to GR/CF: 8.00 ft

Serial #: 6755

Inside

Press@RunDepth: 31.42 psig @ 3899.00 ft (KB)

Start Date: 2007.05.25

End Date:

2007.05.25

Capacity: 7000.00 psig

Last Calib.: 2007.05.25

Start Time: 03:47:05

End Time:

08:36:29

Time On Btm: 2007.05.25 @ 05:20:15

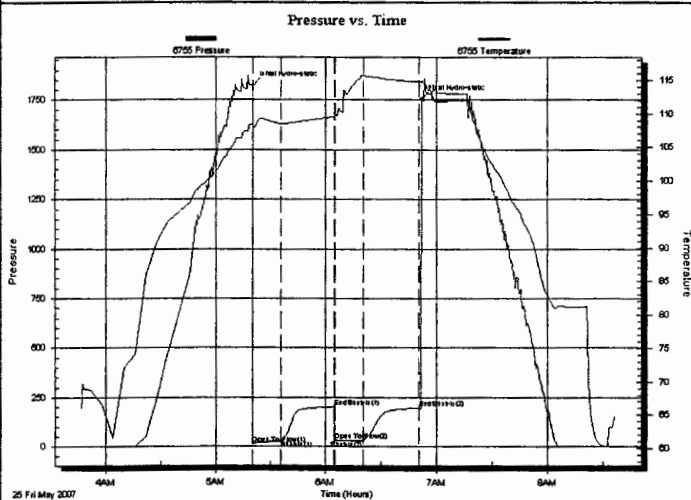
Time Off Btm: 2007.05.25 @ 06:51:45

TEST COMMENT: IF Surface blow built to 2 inches.

IS No return

FF Surface blow built to 1 1/2 inches.

FS No return



PRESSURE SUMMARY

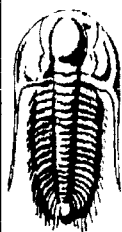
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1822.48	108.40	Initial Hydro-static
1	13.18	107.50	Open To Flow (1)
16	27.85	108.51	Shut-In (1)
45	202.57	109.57	End Shut-In (1)
45	31.28	109.82	Open To Flow (2)
60	31.42	115.72	Shut-In (2)
91	196.59	114.79	End Shut-In (2)
92	1756.00	114.76	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
45.00	Heavy Oil spotted Mud 2%O 98%M	0.35

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

Dane G Hansen Trust

Roderick #7

PO Box 187
Logan KS 67646

28 15 27W Gove KS

Job Ticket: 27759

DST#: 6

ATTN: Doug Davis

Test Start: 2007.05.25 @ 03:47:05

Tool Information

Drill Pipe:	Length: 3848.00 ft	Diameter: 3.80 inches	Volume: 53.98 bbl	Tool Weight:	1500.00 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: 31.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose:	40000.00 lb
		Total Volume:	54.13 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	9.00 ft			String Weight: Initial	40000.00 lb
Depth to Top Packer:	3898.00 ft			Final	40000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	22.00 ft				
Tool Length:	50.00 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			3871.00	
Shut In Tool	5.00			3876.00	
Hydraulic tool	5.00			3881.00	
Jars	5.00			3886.00	
Safety Joint	3.00			3889.00	
Packer	5.00			3894.00	28.00 Bottom Of Top Packer
Packer	4.00			3898.00	
Stubb	1.00			3899.00	
Recorder	0.00	6755	Inside	3899.00	
Perforations	16.00			3915.00	
Recorder	0.00	2607	Inside	3915.00	
Bullnose	5.00			3920.00	22.00 Bottom Packers & Anchor
Total Tool Length:		50.00			



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Dane G Hansen Trust

Roderick #7

PO Box 187
Logan KS 67646

28 15 27W Gove KS

Job Ticket: 27759

DST#: 6

ATTN: Doug Davis

Test Start: 2007.05.25 @ 03:47:05

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:

ppm

Viscosity: 60.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.77 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 3400.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
45.00	Heavy Oil spotted Mud 2%O 98%M	0.349

Total Length: 45.00 ft Total Volume: 0.349 bbl

Num Fluid Samples: 0

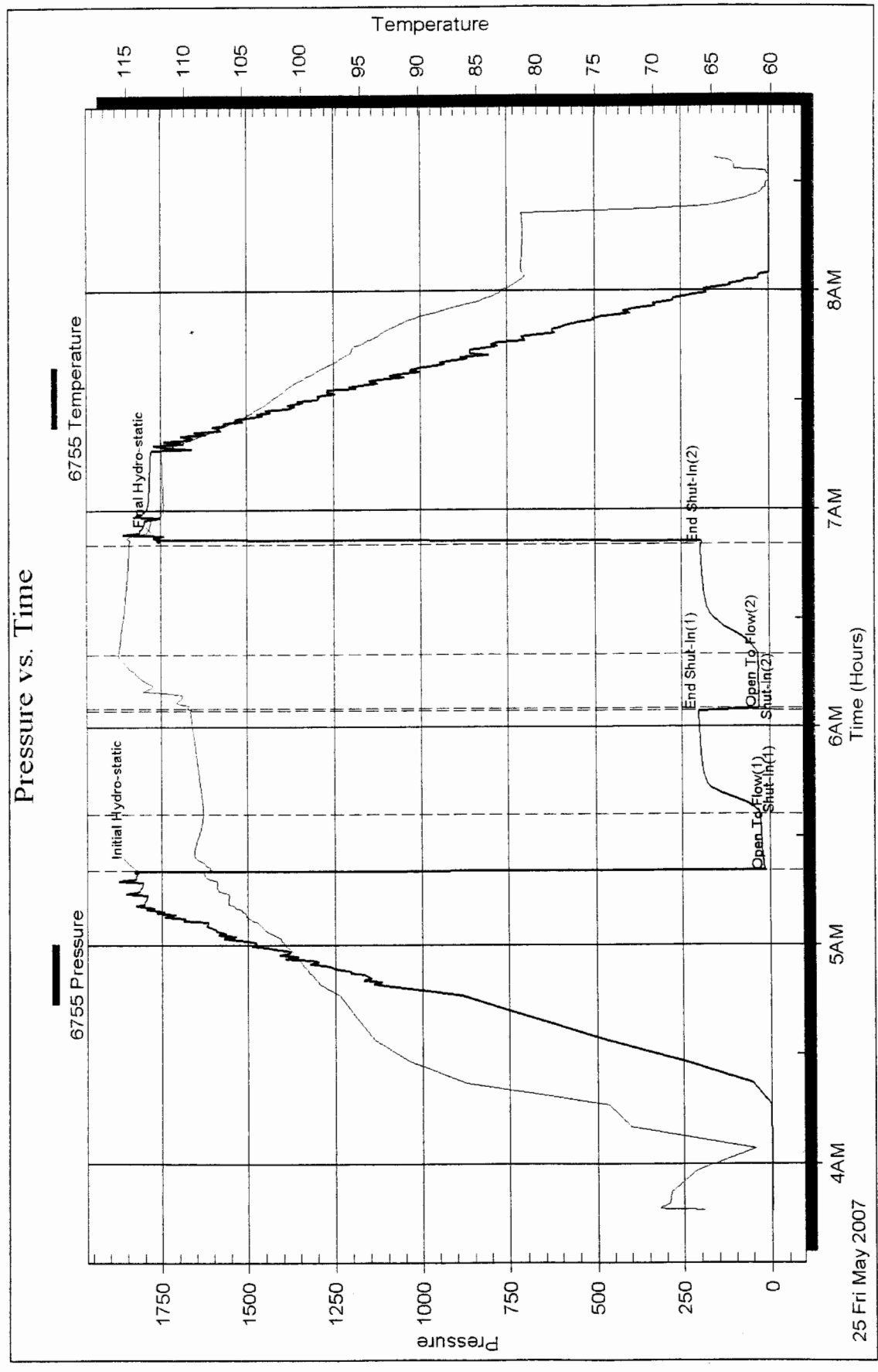
Num Gas Bombs: 0

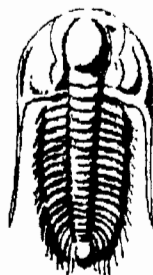
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Dane G Hansen Trust**

PO Box 187
Logan KS 67646

ATTN: Doug Davis

28 15 27W Gove KS

Roderick #7

Start Date: 2007.05.25 @ 16:20:42

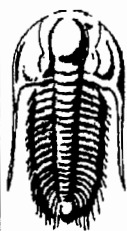
End Date: 2007.05.25 @ 21:16:21

Job Ticket #: 27760 DST #: 7

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

Dane G Hansen Trust

Roderick #7

PO Box 187
Logan KS 67646

28 15 27W Gove KS

Job Ticket: 27760

DST#: 7

ATTN: Doug Davis

Test Start: 2007.05.25 @ 16:20:42

GENERAL INFORMATION:

Formation: "K"

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 17:46:37

Time Test Ended: 21:16:21

Test Type: Conventional Bottom Hole

Tester: Brandon Domsch

Unit No: 25

Interval: 3927.00 ft (KB) To 3938.00 ft (KB) (TVD)

Total Depth: 3938.00 ft (KB) (TVD)

Hole Diameter: 7.78 inches Hole Condition: Fair

Reference Elevations: 2453.00 ft (KB)

2445.00 ft (CF)

KB to GR/CF: 8.00 ft

Serial #: 6755 Inside

Press@RunDepth: 45.68 psig @ 3928.00 ft (KB)

Start Date: 2007.05.25

End Date:

2007.05.25

Capacity: 7000.00 psig

Last Calib.: 2007.05.25

Start Time: 16:20:42

End Time:

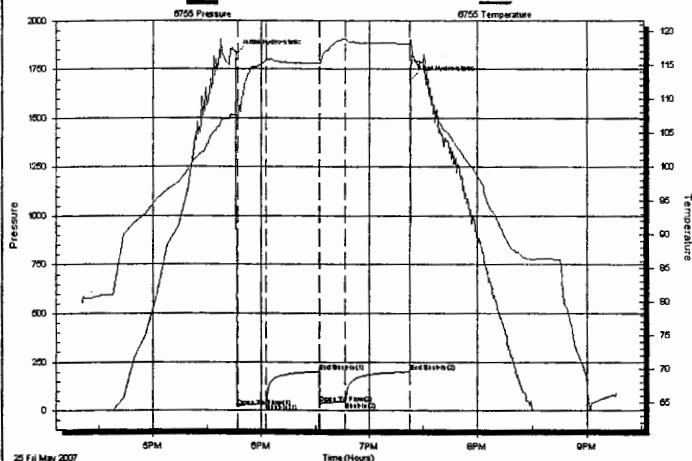
21:16:21

Time On Btm: 2007.05.25 @ 17:46:07

Time Off Btm: 2007.05.25 @ 19:23:07

TEST COMMENT: IF 1/4 inch blow built to 3 1/4 inch blow
IS No return
FF Surface blow built to 3 inches.
FS No return

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1832.80	107.52	Initial Hydro-static
1	18.08	107.16	Open To Flow (1)
17	35.95	115.69	Shut-In(1)
46	200.32	115.25	End Shut-In(1)
47	37.32	115.18	Open To Flow (2)
61	45.68	118.88	Shut-In(2)
97	198.10	118.18	End Shut-In(2)
97	1695.21	118.85	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
30.00	Mud 100%M	0.15
30.00	M C W 60%W 40%M	0.41
10.00	G C O 20%G 80%O	0.14

Gas Rates

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Dane G Hansen Trust

Roderick #7

PO Box 187
Logan KS 67646

28 15 27W Gove KS

Job Ticket: 27760

DST#: 7

ATTN: Doug Davis

Test Start: 2007.05.25 @ 16:20:42

Tool Information

Drill Pipe:	Length: 3883.00 ft	Diameter: 3.80 inches	Volume: 54.47 bbl	Tool Weight:	1500.00 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: 31.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose:	70000.00 lb
		Total Volume:	54.62 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	15.00 ft			String Weight: Initial	58000.00 lb
Depth to Top Packer:	3927.00 ft			Final	58000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	11.00 ft				
Tool Length:	39.00 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			3900.00	
Shut In Tool	5.00			3905.00	
Hydraulic tool	5.00			3910.00	
Jars	5.00			3915.00	
Safety Joint	3.00			3918.00	
Packer	5.00			3923.00	28.00 Bottom Of Top Packer
Packer	4.00			3927.00	
Stubb	1.00			3928.00	
Recorder	0.00	6755	Inside	3928.00	
Perforations	5.00			3933.00	
Recorder	0.00	2607	Inside	3933.00	
Bullnose	5.00			3938.00	11.00 Bottom Packers & Anchor

Total Tool Length: 39.00



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Dane G Hansen Trust

Roderick #7

PO Box 187
Logan KS 67646

28 15 27W Gove KS

Job Ticket: 27760

DST#: 7

ATTN: Doug Davis

Test Start: 2007.05.25 @ 16:20:42

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

38 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 50.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.18 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 3200.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
30.00	Mud 100%M	0.148
30.00	M C W 60%W 40%M	0.412
10.00	G C O 20%G 80%O	0.140

Total Length: 70.00 ft Total Volume: 0.700 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

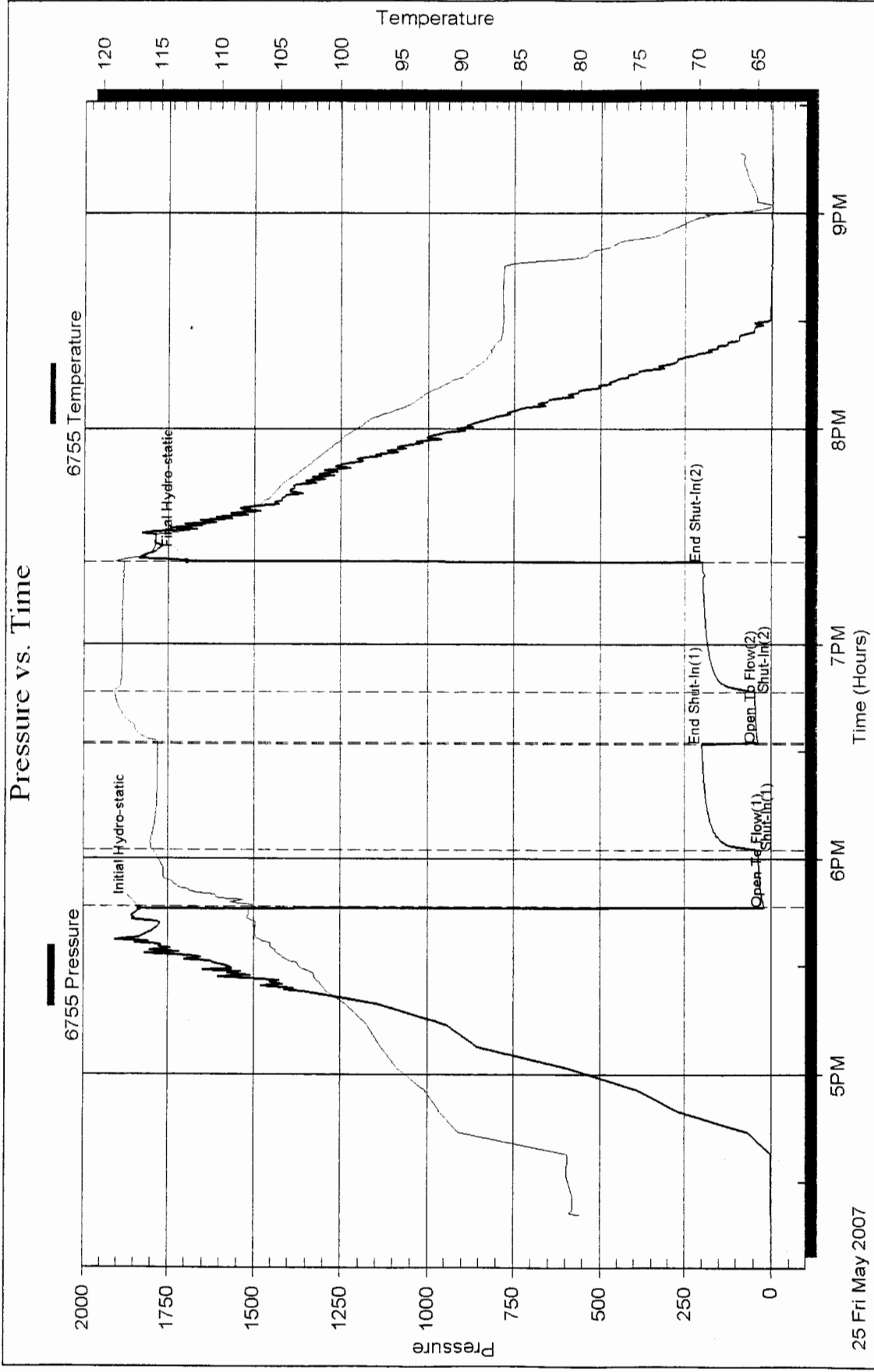
Serial #:

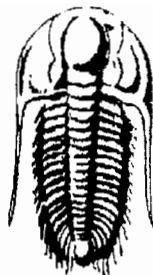
Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Dane G Hansen Trust**

PO Box 187
Logan KS 67646

ATTN: Doug Davis

28 15 27W Gove KS

Roderick #7

Start Date: 2007.05.26 @ 04:10:45

End Date: 2007.05.26 @ 11:07:09

Job Ticket #: 27761 DST #: 8

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Dane G Hansen Trust

PO Box 187
Logan KS 67646

ATTN: Doug Davis

Roderick #7

28 15 27W Gove KS

Job Ticket: 27761

DST#: 8

Test Start: 2007.05.26 @ 04:10:45

GENERAL INFORMATION:

Formation: "L"

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 05:59:55

Time Test Ended: 11:07:09

Test Type: Conventional Bottom Hole

Tester: Brandon Domsch

Unit No: 25

Interval: 3952.00 ft (KB) To 3980.00 ft (KB) (TVD)

Total Depth: 3980.00 ft (KB) (TVD)

Hole Diameter: 7.78 inches Hole Condition: Fair

Reference Elevations: 2453.00 ft (KB)

2445.00 ft (CF)

KB to GR/CF: 8.00 ft

Serial #: 6755 Inside

Press@RunDepth: 69.73 psig @ 3953.00 ft (KB)

Start Date: 2007.05.26

End Date: 2007.05.26

Start Time: 04:10:45

End Time: 11:07:09

Capacity: 7000.00 psig

Last Calib.: 2007.05.26

Time On Btm: 2007.05.26 @ 05:59:25

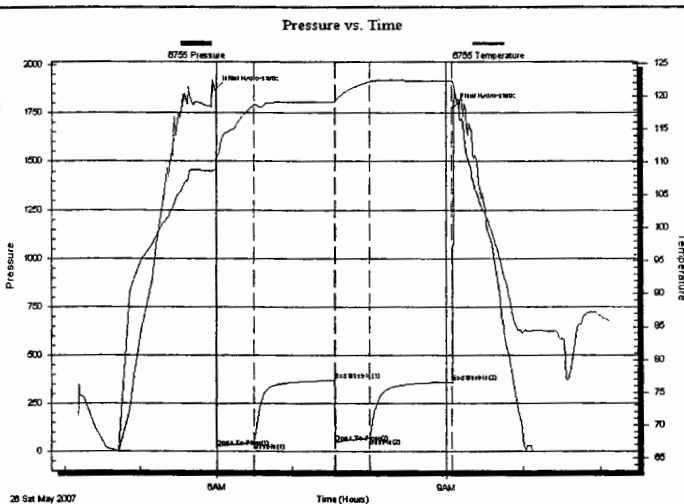
Time Off Btm: 2007.05.26 @ 09:05:24

TEST COMMENT: IF BOB in 9 mins.

IS Built to surface blow

FF BOB in 7 mins. Gas to surface in 20 mins, would not burn

FS Surface blow built to 2 1/4 inches died back to 1 inch.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1871.38	108.88	Initial Hydro-static
1	20.92	109.17	Open To Flow (1)
30	46.61	118.61	Shut-In(1)
93	370.25	119.13	End Shut-In(1)
94	47.82	119.45	Open To Flow (2)
121	69.73	122.22	Shut-In(2)
185	361.79	122.31	End Shut-In(2)
186	1781.41	121.80	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
30.00	MCW 50%W 50%M	0.15
30.00	MC Watery O 50%O 20%W 30%M	0.41
80.00	Slightly WC Oily M 5%W 95%M	1.12
0.00	GIP 3803	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

Dane G Hansen Trust

Roderick #7

PO Box 187
Logan KS 67646

28 15 27W Gove KS

Job Ticket: 27761

DST#: 8

ATTN: Doug Davis

Test Start: 2007.05.26 @ 04:10:45

Tool Information

Drill Pipe:	Length: 3912.00 ft	Diameter: 3.80 inches	Volume: 54.88 bbl	Tool Weight: 1500.00 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: 31.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose: 52000.00 lb
		Total Volume:	55.03 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	19.00 ft			String Weight: Initial 44000.00 lb
Depth to Top Packer:	3952.00 ft			Final 50000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	28.00 ft			
Tool Length:	56.00 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	1.00			3925.00	
Shut In Tool	5.00			3930.00	
Hydraulic tool	5.00			3935.00	
Jars	5.00			3940.00	
Safety Joint	3.00			3943.00	
Packer	5.00			3948.00	28.00 Bottom Of Top Packer
Packer	4.00			3952.00	
Stubb	1.00			3953.00	
Recorder	0.00	6755	Inside	3953.00	
Perforations	22.00			3975.00	
Recorder	0.00	2607	Inside	3975.00	
Bullnose	5.00			3980.00	28.00 Bottom Packers & Anchor

Total Tool Length: 56.00



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Dane G Hansen Trust

Roderick #7

PO Box 187
Logan KS 67646

28 15 27W Gove KS

Job Ticket: 27761

DST#: 8

ATTN: Doug Davis

Test Start: 2007.05.26 @ 04:10:45

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 89.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 55.00 sec/qt

Cushion Volume:

bbf

Water Loss: 7.18 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 3200.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbf
30.00	MCW 50%W 50%M	0.148
30.00	MC Watery O 50%O 20%W 30%M	0.412
80.00	Slightly WC Oily M 5%W 95%M	1.122
0.00	GIP 3803	0.000

Total Length: 140.00 ft

Total Volume: 1.682 bbf

Num Fluid Samples: 0

Num Gas Bombs: 0

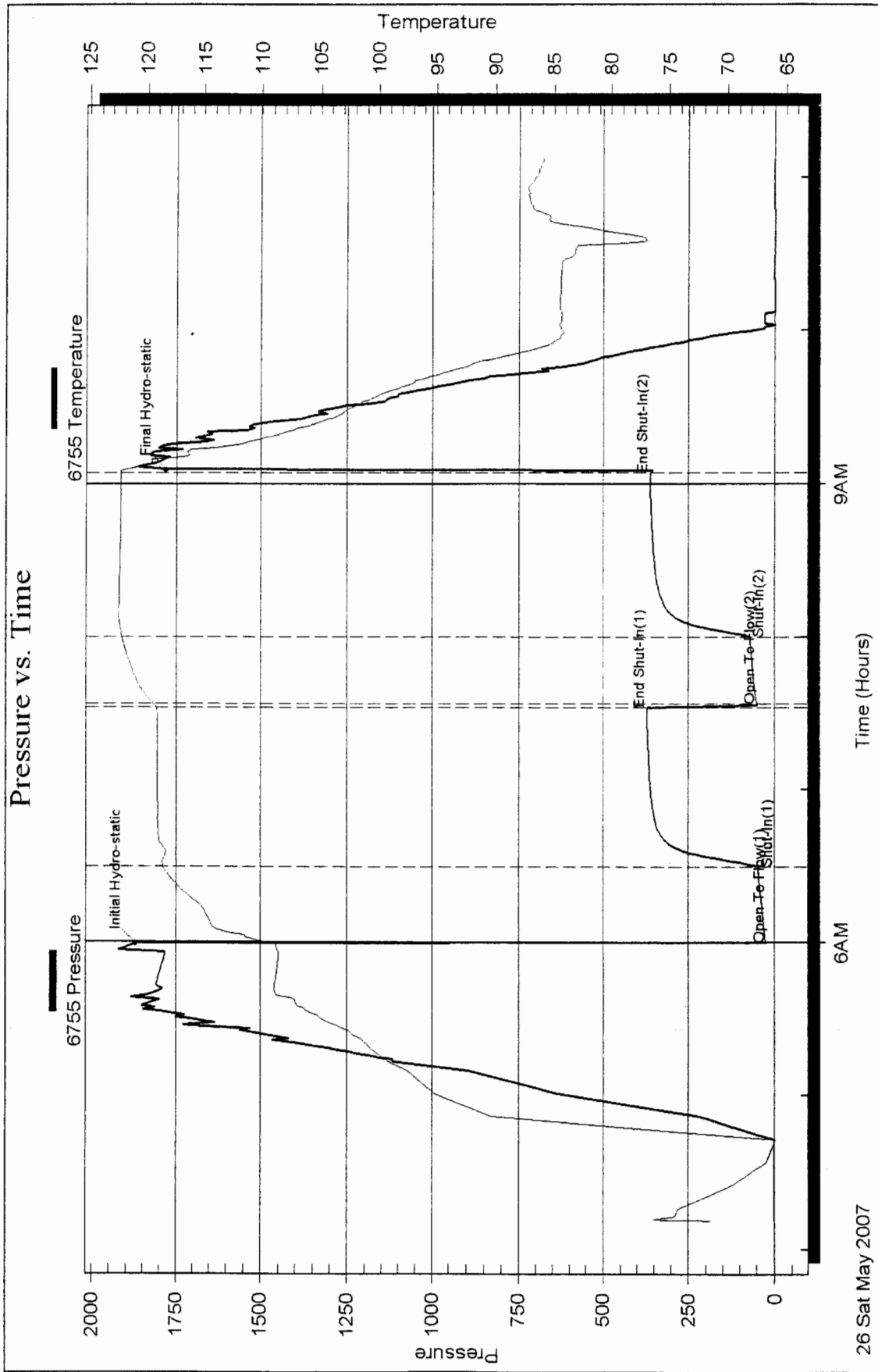
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Dane G Hansen Trust**

PO Box 187
Logan KS 67646

ATTN: Doug Davis

28 15 27W Gove KS

Roderick #7

Start Date: 2007.05.27 @ 02:16:17

End Date: 2007.05.27 @ 08:23:56

Job Ticket #: 27762 DST #: 9

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Dane G Hansen Trust

PO Box 187
Logan KS 67646

ATTN: Doug Davis

Roderick #7

28 15 27W Gove KS

Job Ticket: 27762

DST#: 9

Test Start: 2007.05.27 @ 02:16:17

GENERAL INFORMATION:

Formation: **Ft. Scott**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 04:06:57

Time Test Ended: 08:23:56

Test Type: Conventional Bottom Hole

Tester: Brandon Domsch

Unit No: 25

Interval: **4160.00 ft (KB) To 4196.00 ft (KB) (TVD)**

Total Depth: 4196.00 ft (KB) (TVD)

Hole Diameter: 7.78 inches Hole Condition: Fair

Reference Elevations: 2453.00 ft (KB)

2445.00 ft (CF)

KB to GR/CF: 8.00 ft

Serial #: 6755

Inside

Press@RunDepth: 36.62 psig @ 4161.00 ft (KB)

Start Date: 2007.05.27

End Date:

2007.05.27

Start Time: 02:16:17

End Time:

08:23:56

Capacity: 7000.00 psig

Last Calib.: 2007.05.27

Time On Btm: 2007.05.27 @ 04:06:27

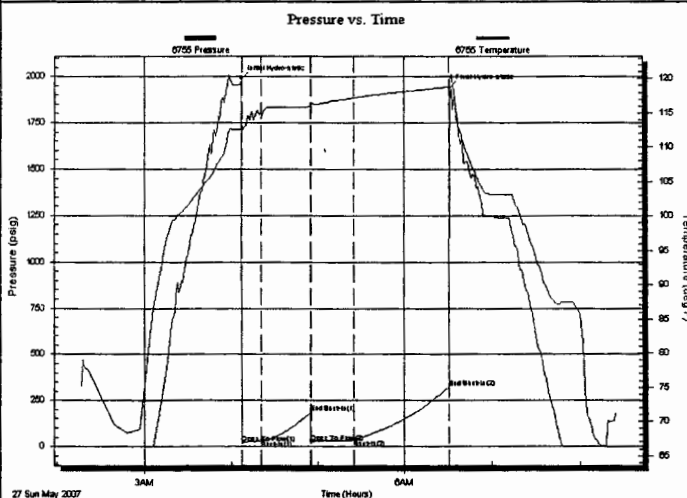
Time Off Btm: 2007.05.27 @ 06:31:12

TEST COMMENT: IF Built to 2 inches.

IS No return

FF Built to BOB

FS No return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1986.67	112.57	Initial Hydro-static
1	19.03	112.25	Open To Flow (1)
14	30.23	115.02	Shut-In(1)
48	184.16	115.92	End Shut-In(1)
49	22.41	116.48	Open To Flow(2)
79	36.62	117.21	Shut-In(2)
145	321.83	118.78	End Shut-In(2)
145	1938.54	119.21	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
30.00	OCM 100%M	0.15
25.00	O&GCM 15%G 15%O 70%M	0.34
0.00	GIP 70	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

Dane G Hansen Trust

Roderick #7

PO Box 187
Logan KS 67646

28 15 27W Gove KS

Job Ticket: 27762

DST#: 9

ATTN: Doug Davis

Test Start: 2007.05.27 @ 02:16:17

Tool Information

Drill Pipe:	Length: 4134.00 ft	Diameter: 3.80 inches	Volume: 57.99 bbl	Tool Weight:	1500.00 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: 31.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose:	55000.00 lb
		Total Volume:	58.14 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	33.00 ft			String Weight: Initial	42000.00 lb
Depth to Top Packer:	4160.00 ft			Final	42000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	36.00 ft				
Tool Length:	64.00 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			4133.00	
Shut In Tool	5.00			4138.00	
Hydraulic tool	5.00			4143.00	
Jars	5.00			4148.00	
Safety Joint	3.00			4151.00	
Packer	5.00			4156.00	28.00 Bottom Of Top Packer
Packer	4.00			4160.00	
Stubb	1.00			4161.00	
Recorder	0.00	6755	Inside	4161.00	
Perforations	30.00			4191.00	
Recorder	0.00	2607	Inside	4191.00	
Bullnose	5.00			4196.00	36.00 Bottom Packers & Anchor

Total Tool Length: 64.00



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Dane G Hansen Trust

Roderick #7

PO Box 187
Logan KS 67646

28 15 27W Gove KS

Job Ticket: 27762

DST#: 9

ATTN: Doug Davis

Test Start: 2007.05.27 @ 02:16:17

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: 53.00 sec/qt

Cushion Volume:

bbl

Water Loss: 9.57 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 3700.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
30.00	OCM 100%M	0.148
25.00	O&GCM 15%G 15%O 70%M	0.342
0.00	GIP 70	0.000

Total Length: 55.00 ft

Total Volume: 0.490 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time

