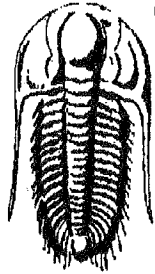


15-195-22604

17-12s-22w



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Downing-Nelson Oil CO.**

PO Box 372
Hays, Ks 67601

ATTN: Marc Downing

17-12s-22w Trego KS

Bellairs #1-17

Start Date: 2009.05.18 @ 01:11:47

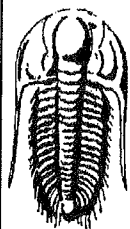
End Date: 2009.05.18 @ 07:42:47

Job Ticket #: 36325 DST #: 1

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Downing-Nelson Oil CO.

Bellairs #1-17

PO Box 372
Hays, Ks 67601

17-12s-22w Trego KS

Job Ticket: 36325

DST#: 1

ATTN: Marc Downing

Test Start: 2009.05.18 @ 01:11:47

GENERAL INFORMATION:

Formation: **LKC "C-D"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 02:51:32

Time Test Ended: 07:42:47

Test Type: Conventional Bottom Hole

Tester: Tyson Flax

Unit No: 44

Interval: **3689.00 ft (KB) To 3750.00 ft (KB) (TVD)**

Total Depth: 3750.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2422.00 ft (KB)

2414.00 ft (CF)

KB to GR/CF: 8.00 ft

Serial #: 6719 Inside

Press@RunDepth: 368.09 psig @ 3695.00 ft (KB)

Start Date: 2009.05.18

End Date:

2009.05.18

Capacity: 7000.00 psig

Last Calib.: 2009.05.18

Start Time: 01:11:52

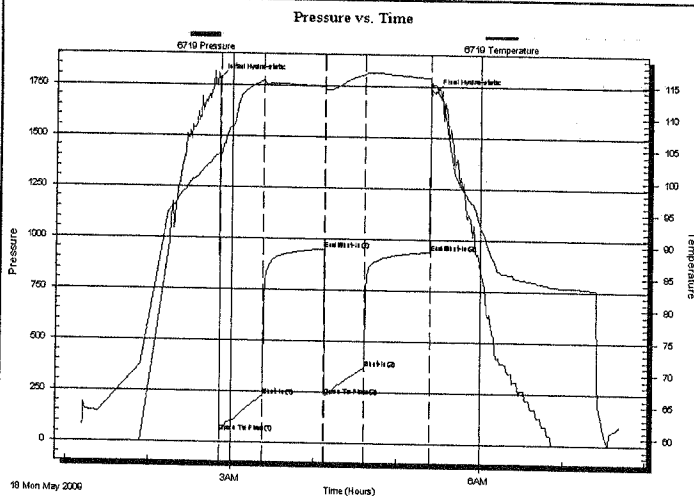
End Time:

07:42:46

Time On Btm: 2009.05.18 @ 02:51:02

Time Off Btm: 2009.05.18 @ 05:27:47

TEST COMMENT: IFP-BOB in 2.5 min
ISI-BOB in 32 min
FFP-BOB in 4 min
FSI-BOB in 35 min



PRESSURE SUMMARY

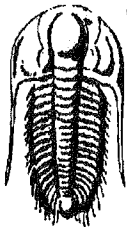
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1778.69	104.14	Initial Hydro-static
1	49.17	103.84	Open To Flow (1)
32	228.73	115.64	Shut-In (1)
77	949.45	114.70	End Shut-In (1)
77	234.21	114.37	Open To Flow (2)
106	368.09	116.68	Shut-In (2)
153	938.56	116.15	End Shut-In (2)
157	1718.56	115.05	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
240.00	MW 90%W,10%M	3.12
180.00	GMVCO 20%G,50%O,20%W,10%M	2.55
240.00	GCO 50%G,50%O	3.40
225.00	GCO 70%G,30%O	3.19
0.00	1575' GIP	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Downing-Nelson Oil CO.

Bellairs #1-17

PO Box 372
Hays, Ks 67601

17-12s-22w Trego KS

Job Ticket: 36325

DST#: 1

ATTN: Marc Downing

Test Start: 2009.05.18 @ 01:11:47

Tool Information

Drill Pipe:	Length: 3646.00 ft	Diameter: 3.82 inches	Volume: 51.68 bbl	Tool Weight: 2200.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 30.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose: 90000.00 lb
		Total Volume:	51.83 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	8.00 ft			String Weight: Initial 70000.00 lb
Depth to Top Packer:	3689.00 ft			Final 73000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	61.00 ft			
Tool Length:	82.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

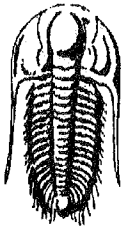
Tool Comments:

Tool Description

Length (ft) Serial No. Position Depth (ft) Accum. Lengths

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3669.00	
Shut In Tool	5.00			3674.00	
Hydraulic tool	5.00			3679.00	
Packer	5.00			3684.00	21.00 Bottom Of Top Packer
Packer	5.00			3689.00	
Stubb	1.00			3690.00	
Perforations	4.00			3694.00	
Change Over Sub	1.00			3695.00	
Recorder	0.00	6719	Inside	3695.00	
Recorder	0.00	6669	Inside	3695.00	
Blank Spacing	31.00			3726.00	
Change Over Sub	1.00			3727.00	
Perforations	20.00			3747.00	
Bullnose	3.00			3750.00	61.00 Bottom Packers & Anchor

Total Tool Length: 82.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Downing-Nelson Oil CO.

Bellairs #1-17

PO Box 372
Hays, Ks 67601

17-12s-22w Trego KS

Job Ticket: 36325

DST#: 1

ATTN: Marc Downing

Test Start: 2009.05.18 @ 01:11:47

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

39 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

32000 ppm

Viscosity: 55.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.78 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
240.00	MV 90%W,10%M	3.124
180.00	GMVCO 20%G,50%O,20%W,10%M	2.552
240.00	GCO 50%G,50%O	3.402
225.00	GCO 70%G,30%O	3.189
0.00	1575' GIP	0.000

Total Length: 885.00 ft

Total Volume:

12.267 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW .28 @ 53F = 32000 ppm chlorides

DST Test Number: 1

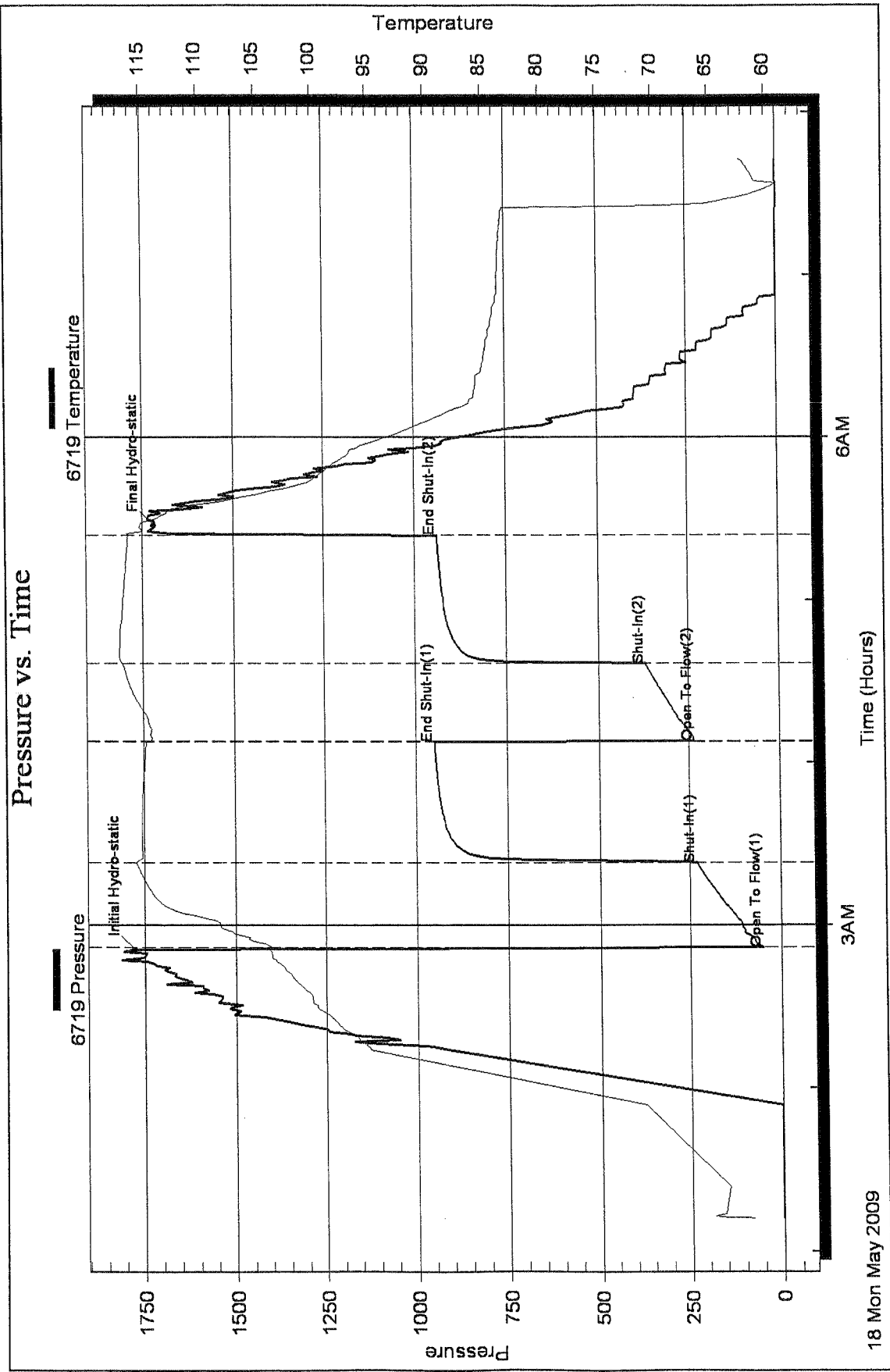
17-12s-22w Trego KS

Downing-Nelson Oil Co.

Inside

Serial #: 6719

Pressure vs. Time

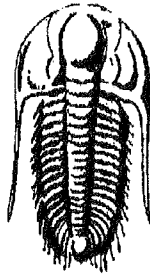


18 Mon May 2009

3AM

6AM

Time (Hours)



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Downing-Nelson Oil CO.**

PO Box 372
Hays, Ks 67601

ATTN: Marc Downing

17-12s-22w Trego KS

Bellairs #1-17

Start Date: 2009.05.18 @ 12:45:22

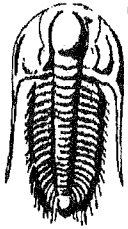
End Date: 2009.05.18 @ 17:29:52

Job Ticket #: 36326 DST #: 2

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Downing-Nelson Oil CO.

Bellairs #1-17

PO Box 372
Hays, Ks 67601

17-12s-22w Trego KS

Job Ticket: 36326

DST#: 2

ATTN: Marc Downing

Test Start: 2009.05.18 @ 12:45:22

GENERAL INFORMATION:

Formation: **LKC "E"**
 Deviated: **No** Whipstock: **ft (KB)**
 Time Tool Opened: 14:21:37
 Time Test Ended: 17:29:52

Test Type: **Conventional Bottom Hole**
 Tester: **Tyson Flax**
 Unit No: **44**

Interval: **3744.00 ft (KB) To 3760.00 ft (KB) (TVD)**
 Total Depth: **3760.00 ft (KB) (TVD)**
 Hole Diameter: **7.88 inches** Hole Condition: **Good**

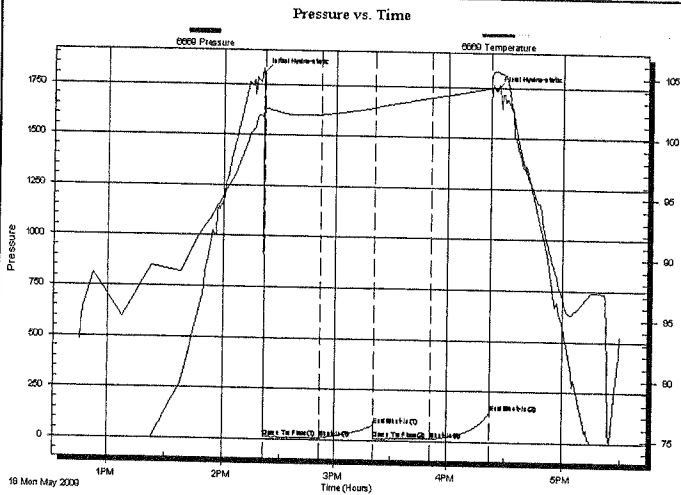
Reference Elevations: **2422.00 ft (KB)**
2414.00 ft (CF)
 KB to GR/CF: **8.00 ft**

Serial #: 6669 **Inside**

Press@RunDepth: **13.00 psig @ 3747.00 ft (KB)**
 Start Date: **2009.05.18** End Date: **2009.05.18**
 Start Time: **12:45:23** End Time: **17:29:52**

Capacity: **7000.00 psig**
 Last Calib.: **2009.05.18**
 Time On Btm: **2009.05.18 @ 14:21:07**
 Time Off Btm: **2009.05.18 @ 16:25:22**

TEST COMMENT: IFF-Weak surface blow throughout
 ISI-no blow back
 FFP-Weak surface blow died in 3 min
 FSI-no blow back



PRESSURE SUMMARY

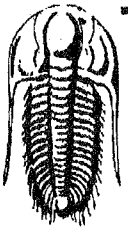
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1807.78	102.25	Initial Hydro-static
1	12.66	102.06	Open To Flow (1)
31	11.37	101.77	Shut-In(1)
60	77.00	102.40	End Shut-In(1)
60	11.85	102.38	Open To Flow (2)
91	13.00	103.30	Shut-In(2)
122	146.73	104.18	End Shut-In(2)
125	1737.82	105.58	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
1.00	VSOCM 2%O,98%M	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Downing-Nelson Oil CO.

Bellairs #1-17

PO Box 372
Hays, Ks 67601

17-12s-22w Trego KS

Job Ticket: 36326

DST#: 2

ATTN: Marc Downing

Test Start: 2009.05.18 @ 12:45:22

Tool Information

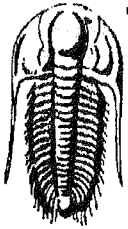
Drill Pipe:	Length: 3708.00 ft	Diameter: 3.82 inches	Volume: 52.56 bbl	Tool Weight: 2200.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 30.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose: 80000.00 lb
			<u>Total Volume: 52.71 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	15.00 ft			String Weight: Initial 70000.00 lb
Depth to Top Packer:	3744.00 ft			Final 70000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	16.00 ft			
Tool Length:	37.00 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			3724.00	
Shut In Tool	5.00			3729.00	
Hydraulic tool	5.00			3734.00	
Packer	5.00			3739.00	21.00 Bottom Of Top Packer
Packer	5.00			3744.00	
Stubb	1.00			3745.00	
Perforations	2.00			3747.00	
Recorder	0.00	6719	Inside	3747.00	
Recorder	0.00	6669	Inside	3747.00	
Perforations	10.00			3757.00	
Bullnose	3.00			3760.00	16.00 Bottom Packers & Anchor

Total Tool Length: 37.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Downing-Nelson Oil CO.

Bellairs #1-17

PO Box 372
Hays, Ks 67601

17-12s-22w Trego KS

Job Ticket: 36326

DST#: 2

ATTN: Marc Downing

Test Start: 2009.05.18 @ 12:45:22

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 58.00 sec/qt

Water Loss: 7.98 in³

Resistivity: ohm.m

Salinity: 3200.00 ppm

Filter Cake: inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

ft

bbl

psig

Oil API:

Water Salinity:

deg API

ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
1.00	VSOCM 2%O,98%M	0.005

Total Length: 1.00 ft

Total Volume: 0.005 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 6669

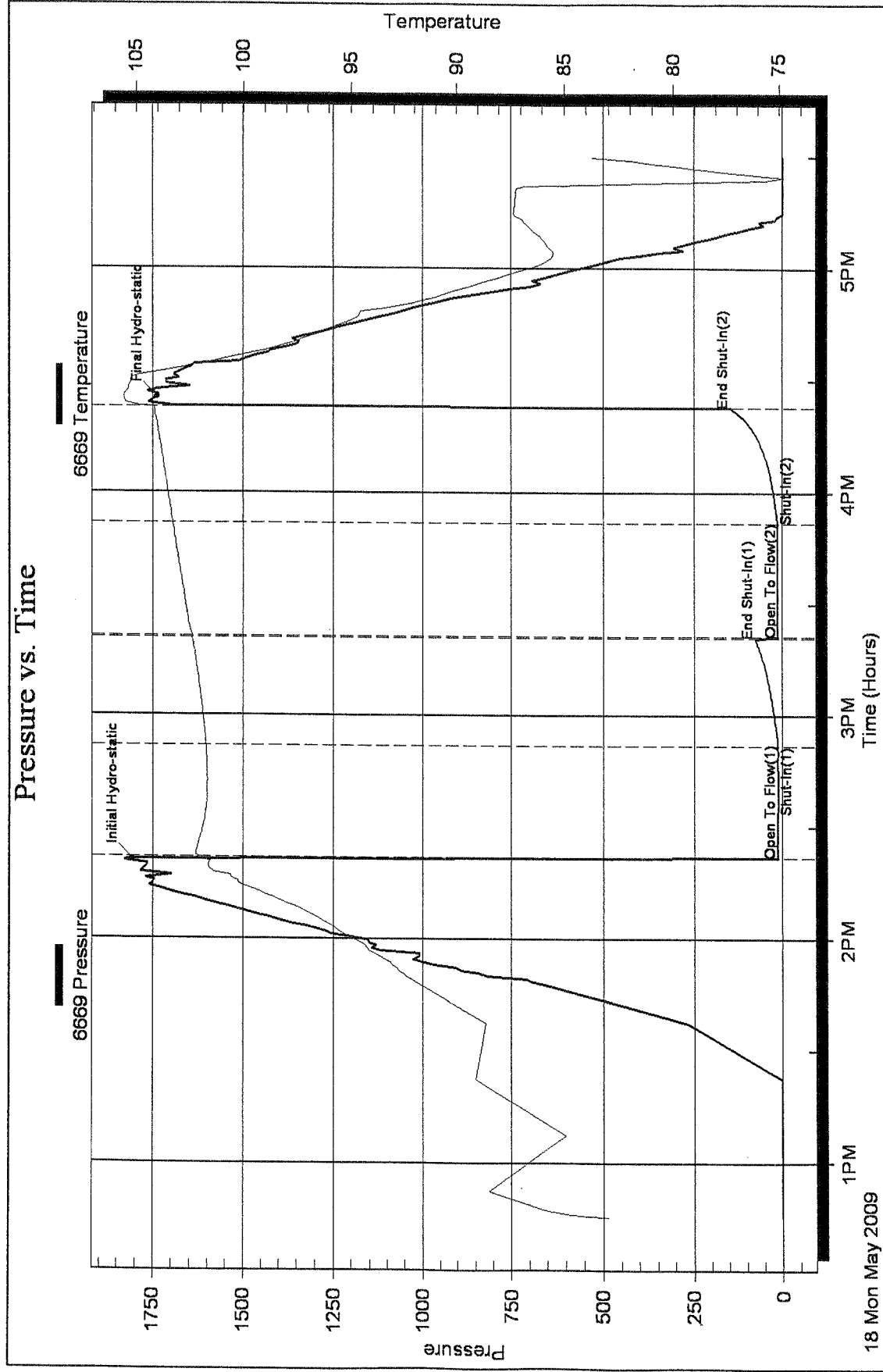
Inside

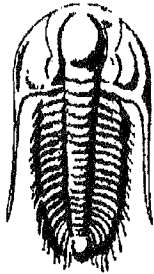
Downing-Nelson Oil CO.

17-12s-22w Trego KS

DST Test Number: 2

Pressure vs. Time





TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Downing-Nelson Oil CO.**

PO Box 372
Hays, Ks 67601

ATTN: Marc Downing

17-12s-22w Trego KS

Bellairs #1-17

Start Date: 2009.05.19 @ 04:45:31

End Date: 2009.05.19 @ 10:52:31

Job Ticket #: 36327 DST #: 3

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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

Downing-Nelson Oil CO.

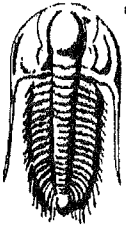
Bellairs #1-17

17-12s-22w Trego KS

DST # 3

LKC "H-J"

2009.05.19



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Downing-Nelson Oil CO.

Bellairs #1-17

PO Box 372
Hays, Ks 67601

17-12s-22w Trego KS

Job Ticket: 36327

DST#: 3

ATTN: Marc Downing

Test Start: 2009.05.19 @ 04:45:31

GENERAL INFORMATION:

Formation: **LKC "H-J"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 06:17:16

Time Test Ended: 10:52:31

Test Type: Conventional Bottom Hole

Tester: Tyson Flax

Unit No: 44

Interval: **3810.00 ft (KB) To 3882.00 ft (KB) (TVD)**

Total Depth: 3882.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2422.00 ft (KB)

2414.00 ft (CF)

KB to GR/CF: 8.00 ft

Serial #: 6719

Inside

Press@RunDepth: 61.80 psig @ 3814.00 ft (KB)

Start Date: 2009.05.19

End Date:

2009.05.19

Capacity: 7000.00 psig

Start Time: 04:45:36

End Time:

10:52:30

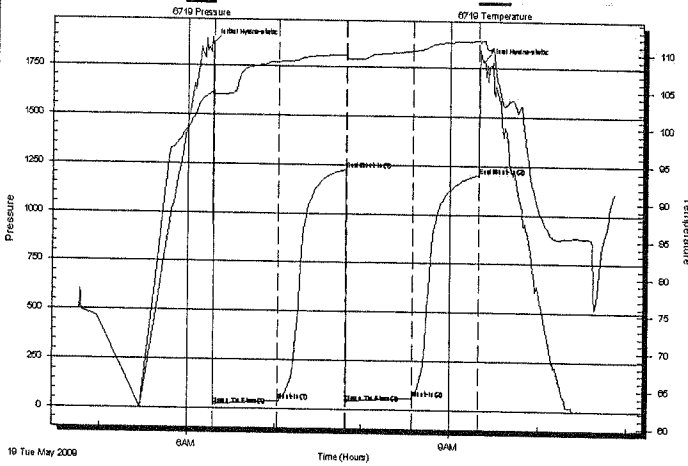
Last Calib.: 2009.05.19

Time On Btm: 2009.05.19 @ 06:16:46

Time Off Btm: 2009.05.19 @ 09:22:46

TEST COMMENT: IFP-BOB in 24 min
ISI-no blow back
FFP-BOB in 12 min
FSI-Weak surface blow back died in 13 min

Pressure vs. Time



PRESSURE SUMMARY

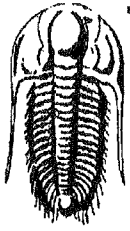
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1860.53	104.71	Initial Hydro-static
1	16.48	104.38	Open To Flow (1)
46	40.92	108.74	Shut-In(1)
93	1224.43	109.80	End Shut-In(1)
93	35.51	109.44	Open To Flow (2)
138	61.80	110.34	Shut-In(2)
183	1201.25	111.77	End Shut-In(2)
186	1780.26	111.86	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
50.00	GMCO 50%G,30%O,20%M	0.43
60.00	GHOCM 30%G,30%O,40%M	0.85
0.00	420' GIP	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Downing-Nelson Oil CO.

Bellairs #1-17

PO Box 372
Hays, Ks 67601

17-12s-22w Trego KS

Job Ticket: 36327

DST#: 3

ATTN: Marc Downing

Test Start: 2009.05.19 @ 04:45:31

Tool Information

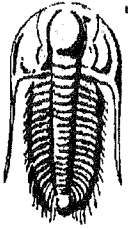
Drill Pipe:	Length: 3774.00 ft	Diameter: 3.82 inches	Volume: 53.50 bbl	Tool Weight: 2200.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 30.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose: 90000.00 lb
			<u>Total Volume: 53.65 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	15.00 ft			String Weight: Initial 70000.00 lb
Depth to Top Packer:	3810.00 ft			Final 70000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	72.00 ft			
Tool Length:	93.00 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			3790.00	
Shut In Tool	5.00			3795.00	
Hydraulic tool	5.00			3800.00	
Packer	5.00			3805.00	21.00 Bottom Of Top Packer
Packer	5.00			3810.00	
Stubb	1.00			3811.00	
Perforations	2.00			3813.00	
Change Over Sub	1.00			3814.00	
Recorder	0.00	6719	Inside	3814.00	
Recorder	0.00	6669	Inside	3814.00	
Blank Spacing	60.00			3874.00	
Change Over Sub	1.00			3875.00	
Perforations	4.00			3879.00	
Bullnose	3.00			3882.00	72.00 Bottom Packers & Anchor

Total Tool Length: 93.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Downing-Nelson Oil CO.

Bellairs #1-17

PO Box 372
Hays, Ks 67601

17-12s-22w Trego KS

Job Ticket: 36327

DST#: 3

ATTN: Marc Downing

Test Start: 2009.05.19 @ 04:45:31

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: 54.00 sec/qt	Cushion Volume: bbl		
Water Loss: in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 3200.00 ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
50.00	GMCO 50%G,30%O,20%M	0.431
60.00	GHOCM 30%G,30%O,40%M	0.851
0.00	420' GIP	0.000

Total Length: 110.00 ft Total Volume: 1.282 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

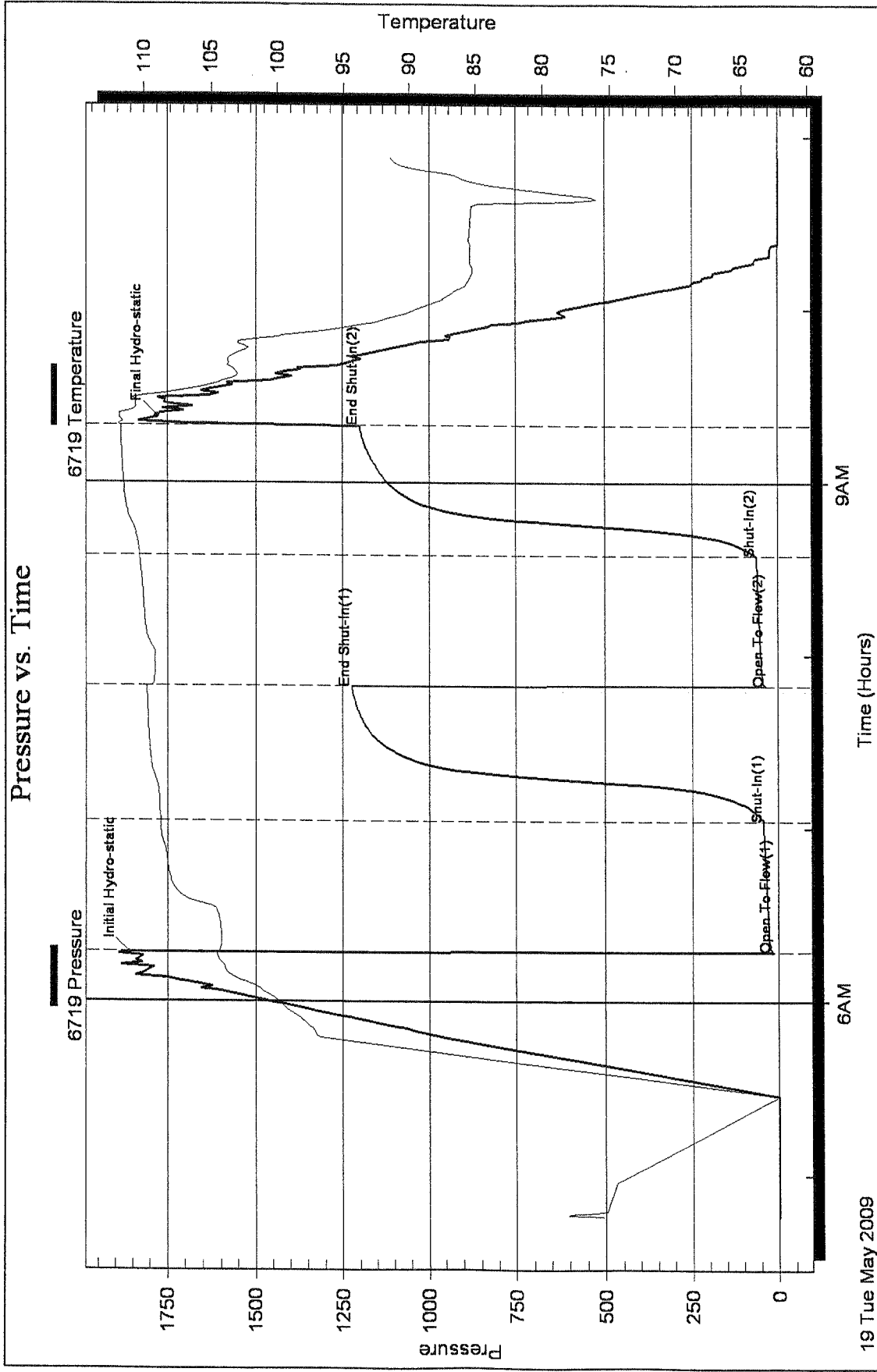
Serial #:

Laboratory Name:

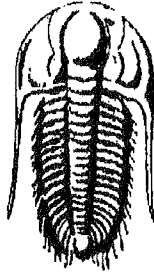
Laboratory Location:

Recovery Comments:

Pressure vs. Time



19 Tue May 2009



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Downing-Nelson Oil CO.**

PO Box 372
Hays, Ks 67601

ATTN: Marc Downing

17-12s-22w Trego KS

Bellairs #1-17

Start Date: 2009.05.20 @ 04:38:51

End Date: 2009.05.20 @ 10:45:51

Job Ticket #: 36328 DST #: 4

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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

Downing-Nelson Oil CO.

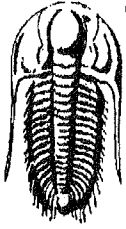
Bellairs #1-17

17-12s-22w Trego KS

DST # 4

Marmaton

2009.05.20



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Downing-Nelson Oil CO.

Bellairs #1-17

PO Box 372
Hays, Ks 67601

17-12s-22w Trego KS

Job Ticket: 36328

DST#: 4

ATTN: Marc Downing

Test Start: 2009.05.20 @ 04:38:51

GENERAL INFORMATION:

Formation: **Marmaton**

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

Time Tool Opened: 06:11:21

Time Test Ended: 10:45:51

Test Type: **Conventional Bottom Hole**

Tester: **Tyson Flax**

Unit No: **44**

Interval: **4027.00 ft (KB) To 4075.00 ft (KB) (TVD)**

Total Depth: **3750.00 ft (KB) (TVD)**

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

Reference Elevations: **2422.00 ft (KB)**

2414.00 ft (CF)

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

Serial #: 6669 Inside

Press@RunDepth: **53.32 psig @ 4031.00 ft (KB)**

Start Date: **2009.05.20** End Date: **2009.05.20**

Start Time: **04:38:52** End Time: **10:45:51**

Capacity: **7000.00 psig**

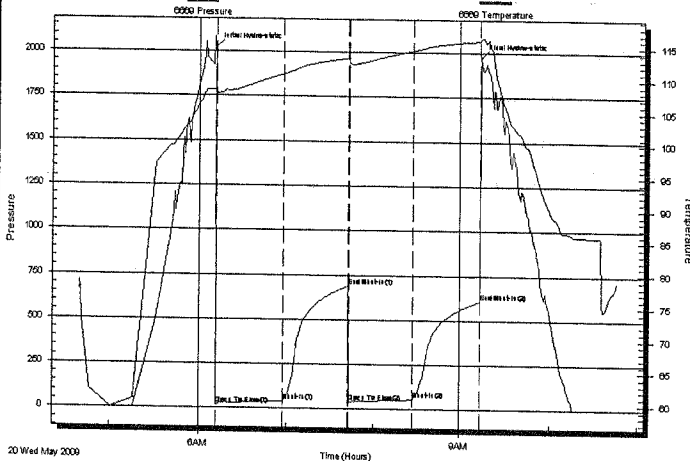
Last Calib.: **2009.05.20**

Time On Btm: **2009.05.20 @ 06:11:06**

Time Off Btm: **2009.05.20 @ 09:14:06**

TEST COMMENT: IFP-Weak surface blow built to 7.5"
ISI-no blow back
FFP-Weak surface blow built to 7.5"
FSI-no blow back

Pressure vs. Time



PRESSURE SUMMARY

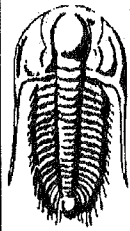
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2021.74	108.40	Initial Hydro-static
1	16.33	107.42	Open To Flow (1)
46	40.43	110.80	Shut-In(1)
92	688.94	113.32	End Shut-In(1)
93	38.26	112.76	Open To Flow (2)
137	53.32	114.50	Shut-In(2)
183	605.95	116.05	End Shut-In(2)
183	1973.08	116.39	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
45.00	MCO 70%O,30%M	0.36
60.00	CO	0.85
0.00	75' GIP	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Downing-Nelson Oil CO.

Bellairs #1-17

PO Box 372
Hays, Ks 67601

17-12s-22w Trego KS

Job Ticket: 36328

DST#: 4

ATTN: Marc Downing

Test Start: 2009.05.20 @ 04:38:51

Tool Information

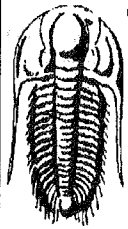
Drill Pipe:	Length: 3992.00 ft	Diameter: 3.82 inches	Volume: 56.59 bbl	Tool Weight: 2200.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 30.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose: 90000.00 lb
			<u>Total Volume: 56.74 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	16.00 ft			String Weight: Initial 70000.00 lb
Depth to Top Packer:	4027.00 ft			Final 72000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	48.00 ft			
Tool Length:	69.00 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			4007.00	
Shut In Tool	5.00			4012.00	
Hydraulic tool	5.00			4017.00	
Packer	5.00			4022.00	21.00 Bottom Of Top Packer
Packer	5.00			4027.00	
Stubb	1.00			4028.00	
Perforations	2.00			4030.00	
Change Over Sub	1.00			4031.00	
Recorder	0.00	6719	Inside	4031.00	
Recorder	0.00	6669	Inside	4031.00	
Blank Spacing	31.00			4062.00	
Change Over Sub	1.00			4063.00	
Perforations	9.00			4072.00	
Bullnose	3.00			4075.00	48.00 Bottom Packers & Anchor

Total Tool Length: 69.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Downing-Nelson Oil CO.

Bellairs #1-17

PO Box 372
Hays, Ks 67601

17-12s-22w Trego KS

Job Ticket: 36328

DST#: 4

ATTN: Marc Downing

Test Start: 2009.05.20 @ 04:38:51

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

32 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 53.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.89 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 5000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
45.00	MCO 70%O,30%M	0.360
60.00	CO	0.851
0.00	75' GIP	0.000

Total Length: 105.00 ft

Total Volume: 1.211 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

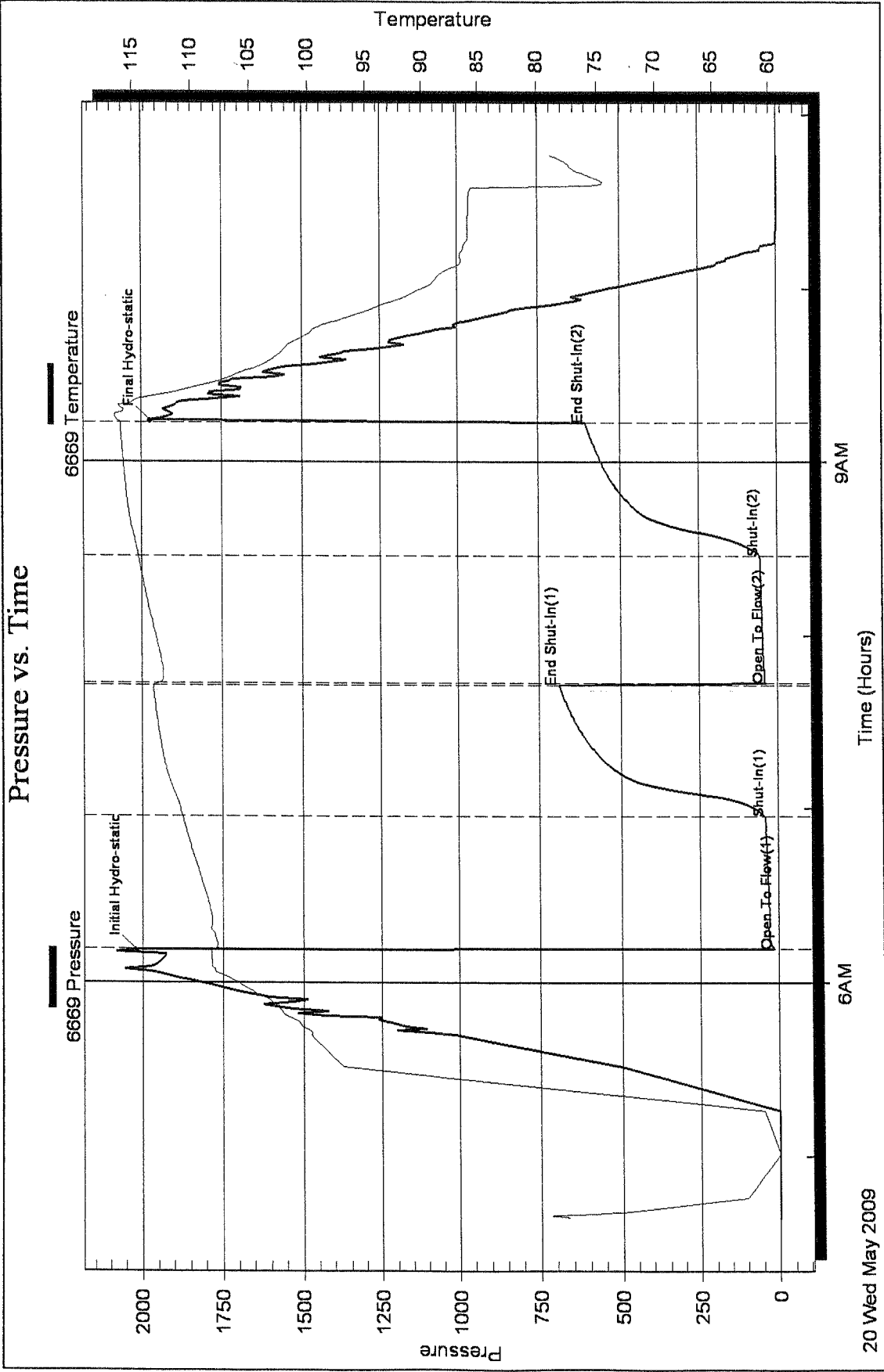
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time



20 Wed May 2009

6AM

9AM