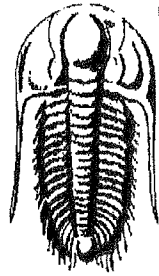


15-051-25641

26-14s-16w



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Downing Nelson**

PO Box 372
Hays KS 67601

ATTN: Ron Nelson

26 14S 16W Ellis KS

MWG-#1-26

Start Date: 2007.04.21 @ 16:30:34

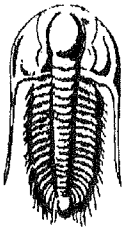
End Date: 2007.04.21 @ 22:37:19

Job Ticket #: 28282 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

Downing Nelson

MWG-#1-26

PO Box 372
Hays KS 67601

26 14S 16W Ellis KS

Job Ticket: 28282

DST#: 1

ATTN: Ron Nelson

Test Start: 2007.04.21 @ 16:30:34

GENERAL INFORMATION:

Formation: **Lansing "A-C"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 18:16:34

Time Test Ended: 22:37:19

Test Type: Conventional Bottom Hole

Tester: Jason McLemore

Unit No: 32

Interval: 3111.00 ft (KB) To 3166.00 ft (KB) (TVD)

Reference Elevations: 1891.00 ft (KB)

Total Depth: 3166.00 ft (KB) (TVD)

1883.00 ft (CF)

Hole Diameter: 7.80 inches Hole Condition: Good

KB to GR/CF: 8.00 ft

Serial #: 6719 Inside

Press@RunDepth: 48.69 psig @ 3115.00 ft (KB)

Capacity: 7000.00 psig

Start Date: 2007.04.21

End Date:

2007.04.21

Last Calib.: 2007.04.21

Start Time: 16:30:36

End Time:

22:37:19

Time On Btm: 2007.04.21 @ 18:16:19

Time Off Btm: 2007.04.21 @ 21:21:34

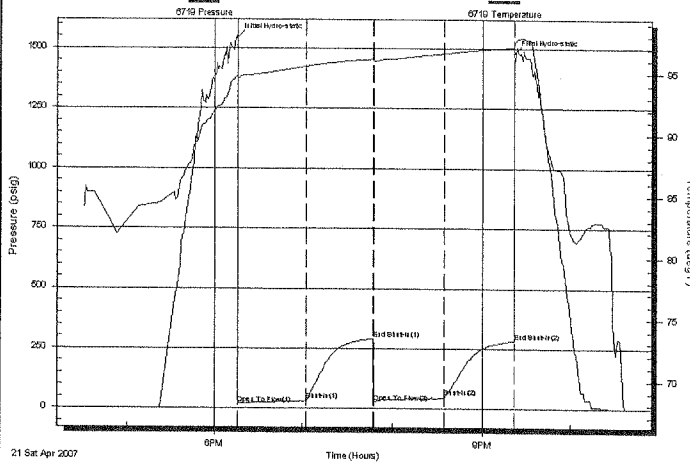
TEST COMMENT: IFP Good Blow BOB in 9 Min

ISI Dead

FFP Good Blow BOB in 8 Min

FSI Dead

Pressure vs. Time



PRESSURE SUMMARY

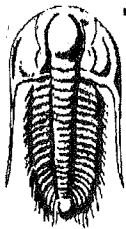
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1543.45	94.88	Initial Hydro-static
1	15.85	94.61	Open To Flow (1)
46	32.13	95.57	Shut-In(1)
91	290.23	96.17	End Shut-In(1)
92	26.52	96.05	Open To Flow (2)
139	48.69	96.64	Shut-In(2)
185	282.19	97.14	End Shut-In(2)
186	1477.50	97.71	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
65.00	Mud w/Oil Spots in Tool	0.64
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

MWG-#1-26

PO Box 372
Hays KS 67601

26 14S 16W Ellis KS

Job Ticket: 28282

DST#: 1

ATTN: Ron Nelson

Test Start: 2007.04.21 @ 16:30:34

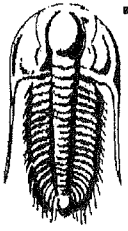
Tool Information

Drill Pipe:	Length: 3072.00 ft	Diameter: 3.80 inches	Volume: 43.09 bbl	Tool Weight: 2200.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 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: 50000.00 lb
			<u>Total Volume: 43.24 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	12.00 ft			String Weight: Initial 42000.00 lb
Depth to Top Packer:	3111.00 ft			Final 44000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	55.00 ft			
Tool Length:	76.00 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			3091.00	
Shut In Tool	5.00			3096.00	
Hydraulic tool	5.00			3101.00	
Packer	5.00			3106.00	21.00 Bottom Of Top Packer
Packer	5.00			3111.00	
Stubb	1.00			3112.00	
Perforations	2.00			3114.00	
Change Over Sub	1.00			3115.00	
Recorder	0.00	6719	Inside	3115.00	
Blank Spacing	32.00			3147.00	
Change Over Sub	1.00			3148.00	
Perforations	15.00			3163.00	
Recorder	0.00	13221	Outside	3163.00	
Bullnose	3.00			3166.00	55.00 Bottom Packers & Anchor

Total Tool Length: 76.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Downing Nelson

MWG-#1-26

PO Box 372
Hays KS 67601

26 14S 16W Ellis KS

Job Ticket: 28282

DST#: 1

ATTN: Ron Nelson

Test Start: 2007.04.21 @ 16:30:34

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: 50.00 sec/qt	Cushion Volume: bbl		
Water Loss: 9.59 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 5000.00 ppm			
Filter Cake: 2.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
65.00	Mud w /Oil Spots in Tool	0.638
0.00	420 ' GIP	0.000

Total Length: 65.00 ft Total Volume: 0.638 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 6719

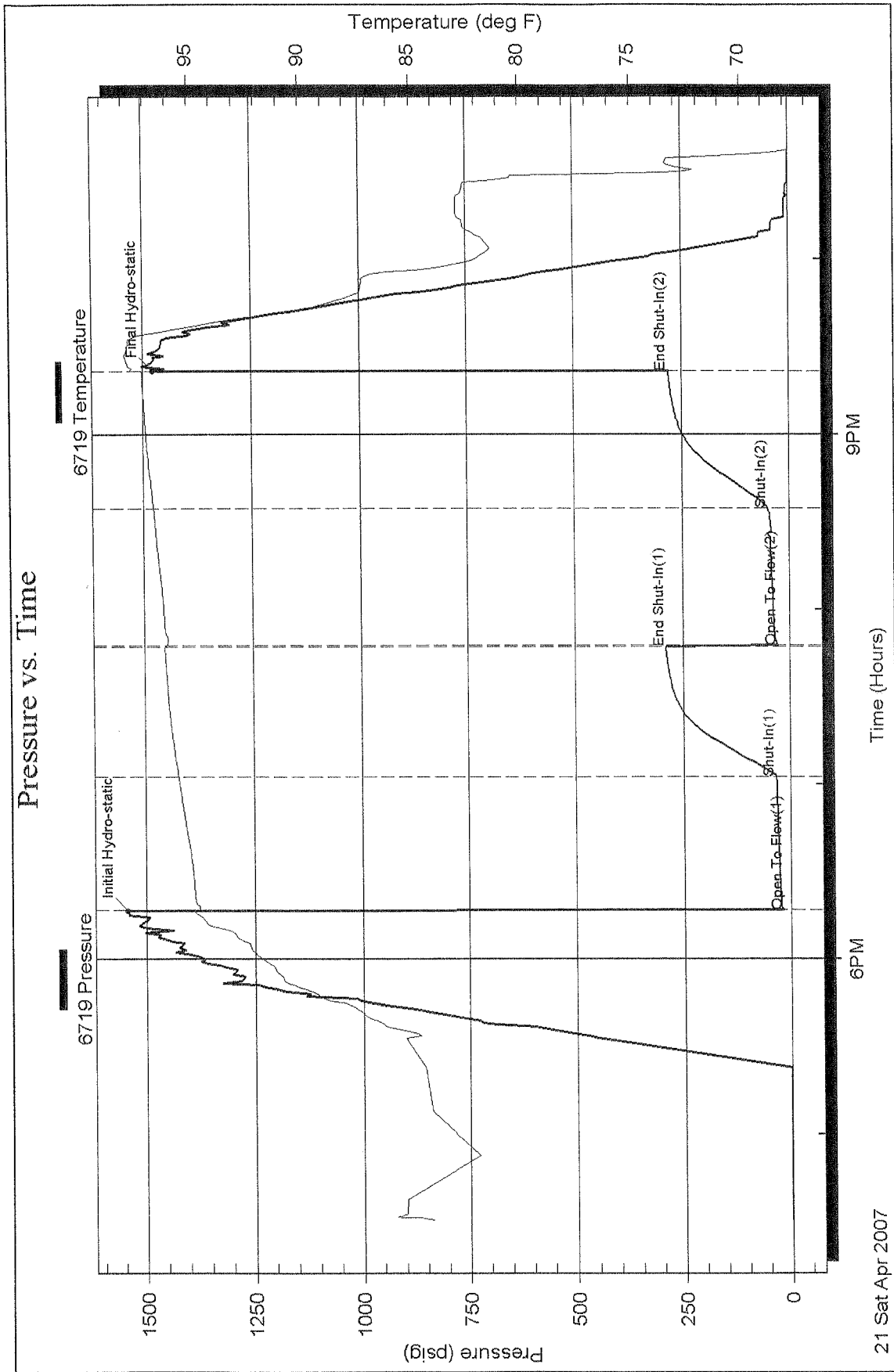
Inside

Dow ning Nelson

26 14S 16W Ellis KS

DST Test Number: 1

Pressure vs. Time



21 Sat Apr 2007

9PM

Time (Hours)

6PM