

**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Downing-Nelson Oil Co Inc**

PO Box 372
Hays KS 67601-0372

ATTN: Al Downing, Ron Nelso

9 14 16 Ellis KS

Alexia #1-9

Start Date: 2007.08.02 @ 19:10:49

End Date: 2007.08.03 @ 01:42:43

Job Ticket #: 29178 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Downing-Nelson Oil Co Inc

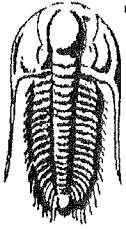
Alexia #1-9

9 14 16 Ellis KS

DST # 1

LKC A-D

2007.08.02



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Downing-Nelson Oil Co Inc

Alexia #1-9

PO Box 372
Hays KS 67601-0372

9 14 16 Ellis KS

Job Ticket: 29178

DST#: 1

ATTN: Al Downing, Ron Nelso7601-0372

Test Start: 2007.08.02 @ 19:10:49

GENERAL INFORMATION:

Formation: **LKC A-D**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 20:46:14

Time Test Ended: 01:42:43

Test Type: Conventional Bottom Hole

Tester: Ray Schwager

Unit No: 42

Interval: **3128.00 ft (KB) To 3205.00 ft (KB) (TVD)**

Total Depth: 3205.00 ft (KB) (TVD)

Hole Diameter: 7.85 inches Hole Condition: Fair

Reference Elevations: 1903.00 ft (KB)

1895.00 ft (CF)

KB to GR/CF: 8.00 ft

Serial #: 6753 Inside

Press@RunDepth: 42.17 psig @ 3133.01 ft (KB)

Start Date: 2007.08.02

End Date: 2007.08.03

Capacity: 7000.00 psig

Start Time: 19:10:49

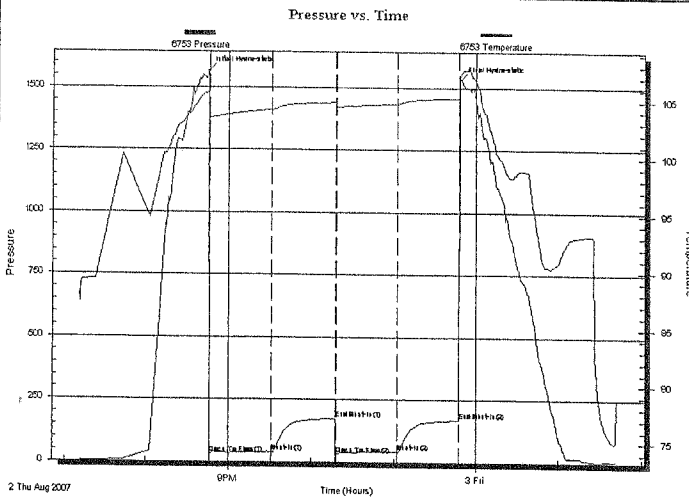
End Time: 01:42:43

Last Calib.: 2007.08.03

Time On Btm: 2007.08.02 @ 20:45:44

Time Off Btm: 2007.08.02 @ 23:48:13

TEST COMMENT: IFP Wk to a fr bl 1/4 " to 6 1/2 " bl
FFP 5 " to a strg bl in 10 min
Times 45 45 45 45



PRESSURE SUMMARY

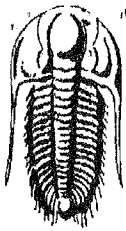
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1565.01	105.79	Initial Hydro-static
1	31.68	103.47	Open To Flow (1)
46	39.75	104.22	Shut-In(1)
92	174.38	104.86	End Shut-In(1)
92	30.11	104.45	Open To Flow(2)
137	42.17	104.74	Shut-In(2)
182	169.51	105.24	End Shut-In(2)
183	1532.44	107.22	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
45.00	SOCM 1%O 99%M	0.36
0.00	575' 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 Inc

Alexia #1-9

PO Box 372
Hays KS 67601-0372

9 14 16 Ellis KS

Job Ticket: 29178

DST#: 1

ATTN: Al Downing, Ron Nelso7601-0372

Test Start: 2007.08.02 @ 19:10:49

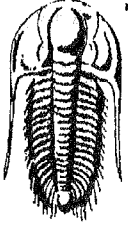
Tool Information

Drill Pipe:	Length: 3100.00 ft	Diameter: 3.80 inches	Volume: 43.48 bbl	Tool Weight: 2200.00 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: 30.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose: 75000.00 lb
			<u>Total Volume: 43.63 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	23.00 ft			String Weight: Initial 41000.00 lb
Depth to Top Packer:	3128.00 ft			Final 42000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	77.02 ft			
Tool Length:	98.02 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			3108.00	
Shut In Tool	5.00			3113.00	
Hydraulic tool	5.00			3118.00	
Packer	5.00			3123.00	21.00 Bottom Of Top Packer
Packer	5.00			3128.00	
Stubb	1.00			3129.00	
Perforations	4.00			3133.00	
Recorder	0.01	6753	Inside	3133.01	
Perforations	4.00			3137.01	
Recorder	0.01	13534	Outside	3137.02	
Blank Spacing	65.00			3202.02	
Bullnose	3.00			3205.02	77.02 Bottom Packers & Anchor

Total Tool Length: 98.02



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Downing-Nelson Oil Co Inc

Alexia #1-9

PO Box 372
Hays KS 67601-0372

9 14 16 Ellis KS

Job Ticket: 29178

DST#: 1

ATTN: Al Downing, Ron Nelso7601-0372

Test Start: 2007.08.02 @ 19:10:49

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:

bbbl

Water Loss: 10.70 in³

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 bbbl
45.00	SOCM 1%O 99%M	0.358
0.00	575' GIP	0.000

Total Length: 45.00 ft

Total Volume: 0.358 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

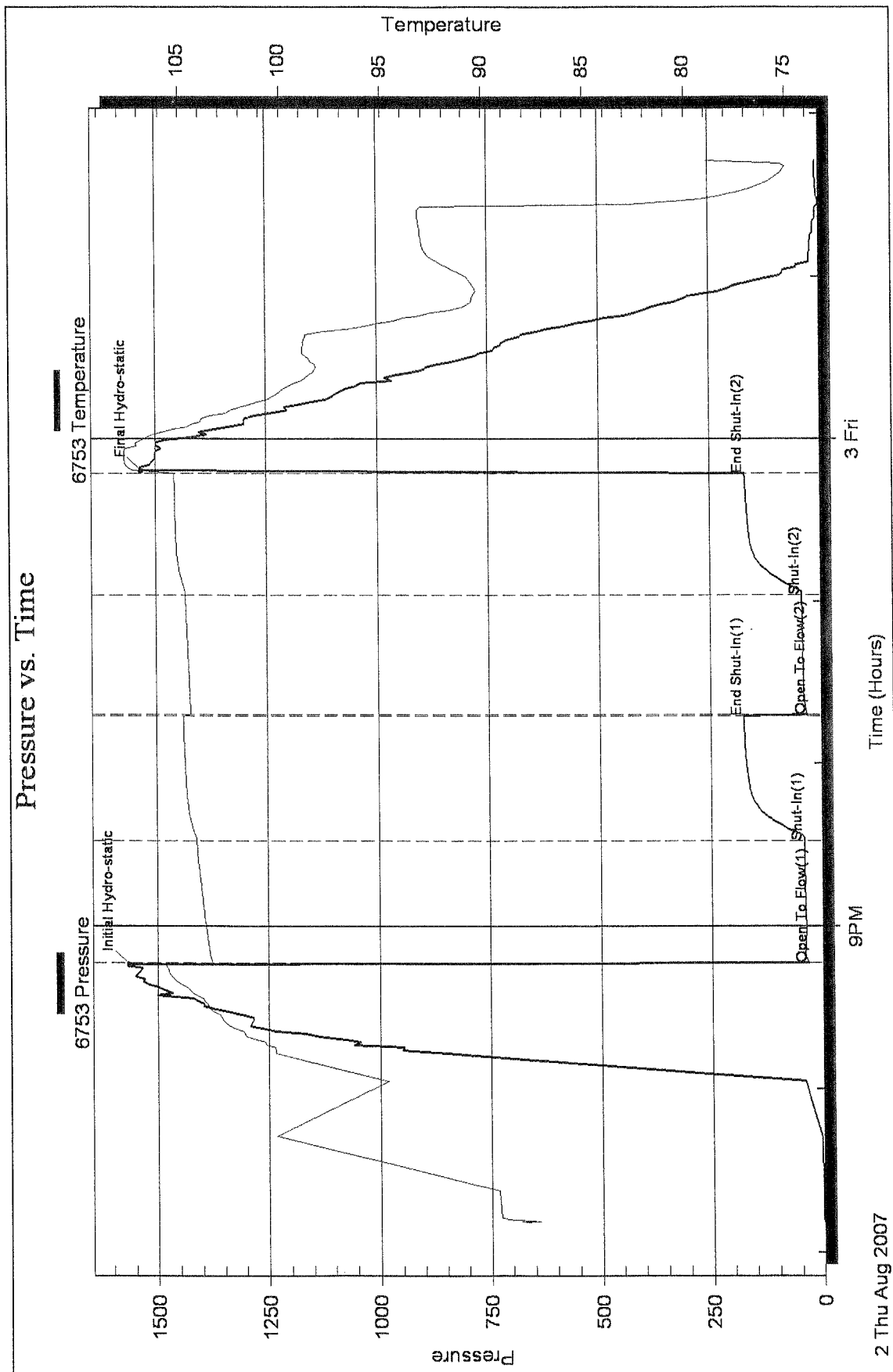
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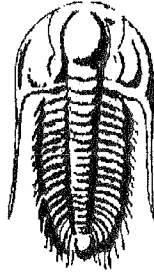
Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Downing-Nelson Oil Co Inc**

PO Box 372
Hays KS 67601-0372

ATTN: Al Downing, Ron Nelso

9 14 16 Ellis KS

Alexia #1-9

Start Date: 2007.08.04 @ 01:39:24

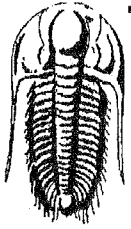
End Date: 2007.08.04 @ 05:33:49

Job Ticket #: 29179 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

Dow ning-Nelson Oil Co Inc

Alexia #1-9

PO Box 372
Hays KS 67601-0372

9 14 16 Ellis KS

Job Ticket: 29179

DST#: 2

ATTN: Al Dow ning, Ron Nelso7601-0372

Test Start: 2007.08.04 @ 01:39:24

GENERAL INFORMATION:

Formation: **LKC**

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

Time Tool Opened: 03:15:00

Time Test Ended: 05:33:49

Test Type: **Conventional Straddle**

Tester: **Ray Schwager**

Unit No: **42**

Interval: 3197.00 ft (KB) To 3260.00 ft (KB) (TVD)

Total Depth: **3500.00 ft (KB) (TVD)**

Hole Diameter: **7.85 inches** Hole Condition: **Fair**

Reference Elevations: **1903.00 ft (KB)**

1895.00 ft (CF)

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

Serial #: 6753 Inside

Press@RunDepth: **psig @ 3208.01 ft (KB)**

Start Date: **2007.08.04**

End Date:

2007.08.04

Capacity: **7000.00 psig**

Last Calib.: **2007.08.04**

Start Time: **01:39:24**

End Time:

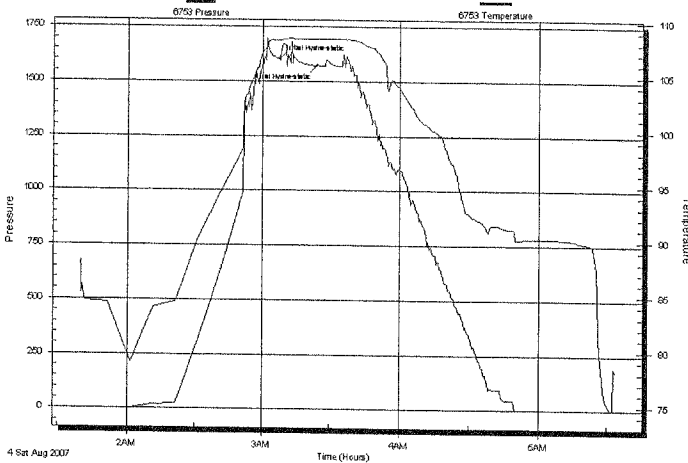
05:33:49

Time On Btm: **2007.08.04 @ 03:07:19**

Time Off Btm: **2007.08.04 @ 03:24:19**

TEST COMMENT: **IFP No packer seat**

Pressure vs. Time



PRESSURE SUMMARY

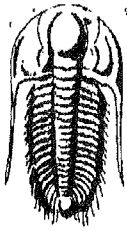
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1602.14	108.29	Initial Hydro-static
17	1573.44	108.40	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
125.00	Mud	1.48

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Downing-Nelson Oil Co Inc

Alexia #1-9

PO Box 372
Hays KS 67601-0372

9 14 16 Ellis KS

Job Ticket: 29179

DST#: 2

ATTN: Al Downing, Ron Nelso7601-0372

Test Start: 2007.08.04 @ 01:39:24

Tool Information

Drill Pipe:	Length: 3160.00 ft	Diameter: 3.80 inches	Volume: 44.33 bbl	Tool Weight: 2200.00 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: 30.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose: 55000.00 lb
			<u>Total Volume: 44.48 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	14.00 ft			String Weight: Initial 46000.00 lb
Depth to Top Packer:	3197.00 ft			Final 46000.00 lb
Depth to Bottom Packer:	3260.02 ft			
Interval between Packers:	63.02 ft			
Tool Length:	330.03 ft			
Number of Packers:	3	Diameter: 6.75 inches		

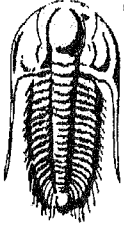
Tool Comments:

Tool Description

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

Change Over Sub	1.00			3177.00	
Shut In Tool	5.00			3182.00	
Hydraulic tool	5.00			3187.00	
Packer	5.00			3192.00	21.00 Bottom Of Top Packer
Packer	5.00			3197.00	
Stubb	1.00			3198.00	
Perforations	10.00			3208.00	
Recorder	0.01	6753	Inside	3208.01	
Perforations	3.00			3211.01	
Recorder	0.01	13534	Outside	3211.02	
Blank Spacing	33.00			3244.02	
Perforations	12.00			3256.02	
Blank Off Sub	1.00			3257.02	
Blank Spacing	3.00			3260.02	63.02 Tool Interval
Packer	5.00			3265.02	
Stubb	1.00			3266.02	
Perforations	13.00			3279.02	
Recorder	0.01	13547	Below	3279.03	
Blank Spacing	224.00			3503.03	
Bullnose	3.00			3506.03	246.01 Bottom Packers & Anchor

Total Tool Length: 330.03



**TRILOBITE
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DRILL STEM TEST REPORT

FLUID SUMMARY

Downing-Nelson Oil Co Inc

Alexia #1-9

PO Box 372
Hays KS 67601-0372

9 14 16 Ellis KS

Job Ticket: 29179

DST#: 2

ATTN: Al Downing, Ron Nelso7601-0372

Test Start: 2007.08.04 @ 01:39:24

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: 46.00 sec/qt

Cushion Volume:

bbf

Water Loss: 11.13 in³

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 bbf
125.00	Mud	1.480

Total Length: 125.00 ft

Total Volume: 1.480 bbf

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

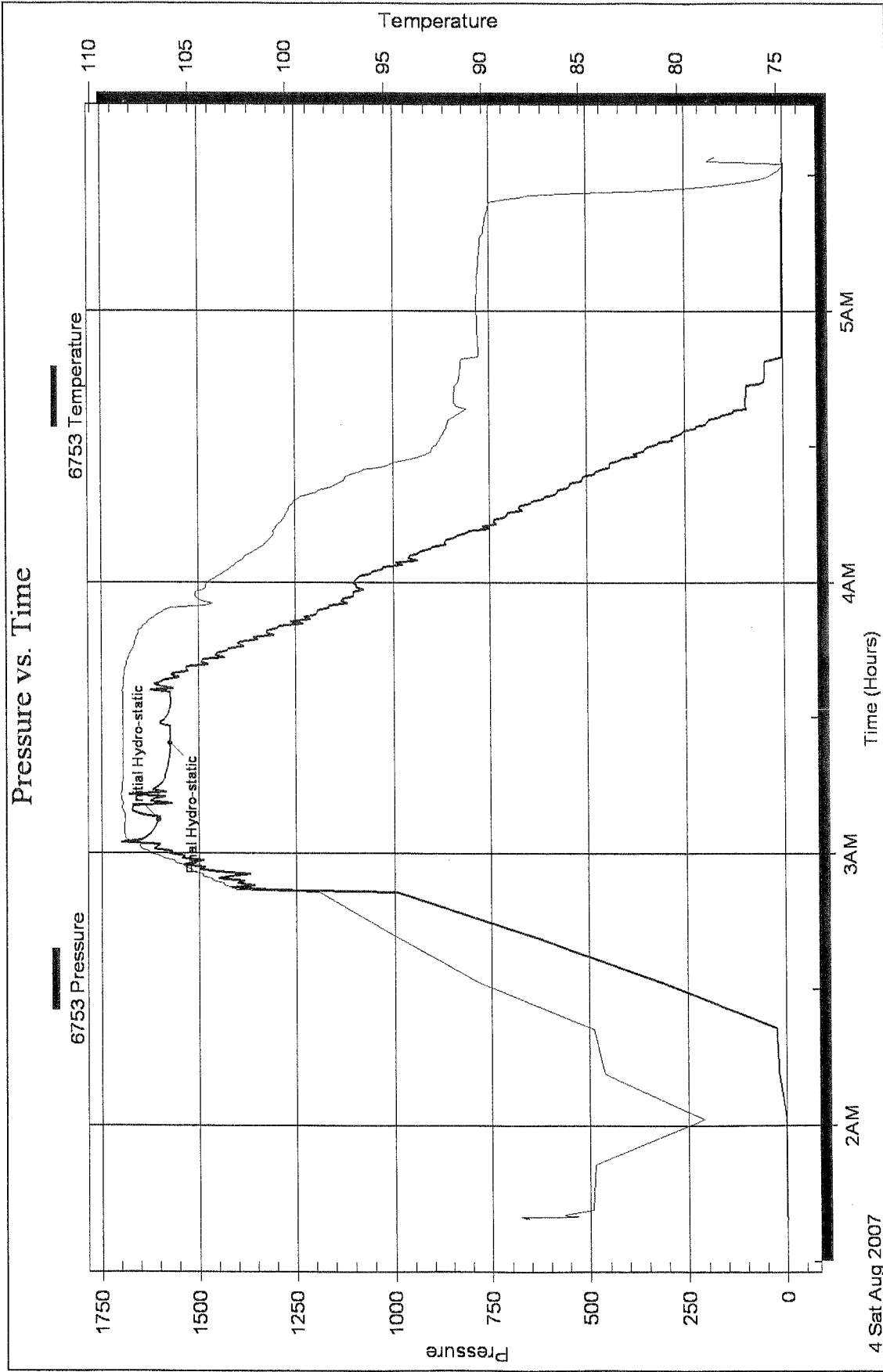
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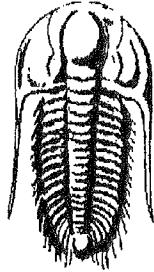
Inside

Dowling-Nelson Oil Co Inc

9 14 16 Ellis KS

DST Test Number: 2





TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Downing-Nelson Oil Co Inc**

PO Box 372
Hays KS 67601-0372

ATTN: Al Downing, Ron Nelso

9 14 16 Ellis KS

Alexia #1-9

Start Date: 2007.08.04 @ 05:38:54

End Date: 2007.08.04 @ 11:57:48

Job Ticket #: 29180 DST #: 3

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Downing-Nelson Oil Co Inc

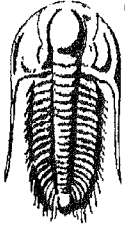
Alexia #1-9

9 14 16 Ellis KS

DST # 3

LKC

2007.08.04



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Downing-Nelson Oil Co Inc

Alexia #1-9

PO Box 372
Hays KS 67601-0372

9 14 16 Ellis KS

Job Ticket: 29180

DST#: 3

ATTN: Al Downing, Ron Nelso7601-0372

Test Start: 2007.08.04 @ 05:38:54

GENERAL INFORMATION:

Formation: **LKC**

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

Time Tool Opened: 07:25:19

Time Test Ended: 11:57:48

Test Type: **Conventional Straddle**

Tester: **Ray Schwager**

Unit No: **42**

Interval: 3204.00 ft (KB) To 3265.00 ft (KB) (TVD)

Reference Elevations: **1903.00 ft (KB)**

Total Depth: **3265.00 ft (KB) (TVD)**

1895.00 ft (CF)

Hole Diameter: **7.85 inches** Hole Condition: **Fair**

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

Serial #: 6753

Inside

Press@RunDepth: **185.41 psig @ 3213.01 ft (KB)**

Capacity: **7000.00 psig**

Start Date: **2007.08.04**

End Date:

2007.08.04

Last Calib.: **2007.08.04**

Start Time: **05:38:54**

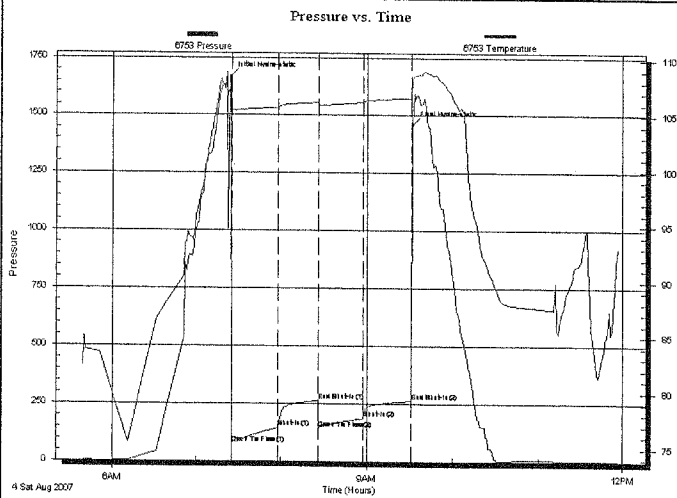
End Time:

11:57:48

Time On Btm: **2007.08.04 @ 07:24:49**

Time Off Btm: **2007.08.04 @ 09:31:49**

TEST COMMENT: IFF Strg bl in 7 min set packers twice
FFP Strg bl in 10 min
Times 30 30 30 30



PRESSURE SUMMARY

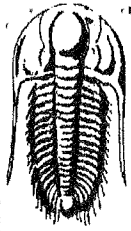
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1668.80	107.60	Initial Hydro-static
1	75.49	105.44	Open To Flow (1)
33	143.58	105.72	Shut-In(1)
61	260.46	106.20	End Shut-In(1)
62	141.92	105.90	Open To Flow (2)
93	185.41	106.22	Shut-In(2)
127	261.79	106.62	End Shut-In(2)
127	1459.58	108.36	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
50.00	Mud	0.43
60.00	MW 25%M 75%W w/show of Oil	0.84
180.00	Water RW .06 @ 91F	2.52
0.00	190' 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 Inc

Alexia #1-9

PO Box 372
Hays KS 67601-0372

9 14 16 Ellis KS

Job Ticket: 29180

DST#: 3

ATTN: Al Downing, Ron Nelso7601-0372

Test Start: 2007.08.04 @ 05:38:54

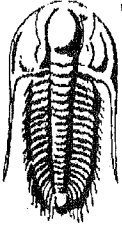
Tool Information

Drill Pipe:	Length: 3164.00 ft	Diameter: 3.80 inches	Volume: 44.38 bbl	Tool Weight: 2200.00 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: 30.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose: 65000.00 lb
			<u>Total Volume: 44.53 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	11.00 ft			String Weight: Initial 47000.00 lb
Depth to Top Packer:	3204.00 ft			Final 48000.00 lb
Depth to Bottom Packer:	3265.02 ft			
Interval between Packers:	61.02 ft			
Tool Length:	323.03 ft			
Number of Packers:	3	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3184.00	
Shut In Tool	5.00			3189.00	
Hydraulic tool	5.00			3194.00	
Packer	5.00			3199.00	21.00 Bottom Of Top Packer
Packer	5.00			3204.00	
Stubb	1.00			3205.00	
Perforations	8.00			3213.00	
Recorder	0.01	6753	Inside	3213.01	
Perforations	3.00			3216.01	
Recorder	0.01	13534	Outside	3216.02	
Blank Spacing	33.00			3249.02	
Perforations	12.00			3261.02	
Blank Off Sub	1.00			3262.02	
Blank Spacing	3.00			3265.02	61.02 Tool Interval
Packer	5.00			3270.02	
Stubb	1.00			3271.02	
Perforations	8.00			3279.02	
Recorder	0.01	13547	Below	3279.03	
Blank Spacing	224.00			3503.03	
Bullnose	3.00			3506.03	241.01 Bottom Packers & Anchor

Total Tool Length: 323.03



**TRILOBITE
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DRILL STEM TEST REPORT

FLUID SUMMARY

Downing-Nelson Oil Co Inc

Alexia #1-9

PO Box 372
Hays KS 67601-0372

9 14 16 Ellis KS

Job Ticket: 29180

DST#: 3

ATTN: Al Downing, Ron Nelso7601-0372

Test Start: 2007.08.04 @ 05:38:54

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: 96000 ppm

Viscosity: 46.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 11.13 in³

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 bbbl
50.00	Mud	0.428
60.00	MW 25%M 75%W w/show of Oil	0.842
180.00	Water RW .06 @ 91F	2.525
0.00	190' GIP	0.000

Total Length: 290.00 ft Total Volume: 3.795 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

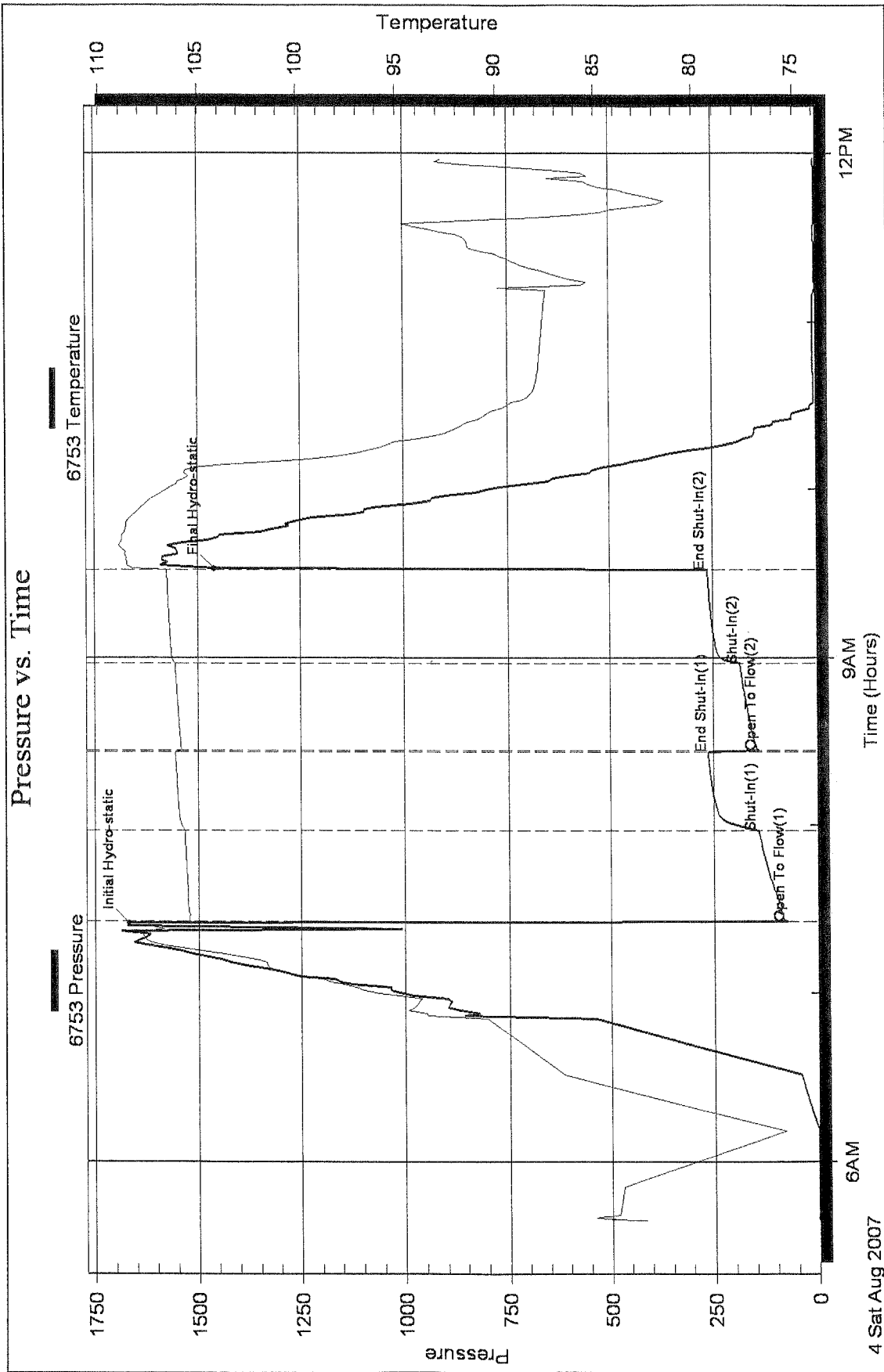
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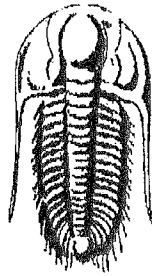
Inside

Downing-Nelson Oil Co Inc

9 14 16 Ellis KS

DST Test Number: 3





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Downing-Nelson Oil Co Inc**

PO Box 372
Hays KS 67601-0372

ATTN: Al Downing, Ron Nelso

9 14 16 Ellis KS

Alexia #1-9

Start Date: 2007.08.04 @ 12:03:21

End Date: 2007.08.04 @ 16:06:46

Job Ticket #: 29181 DST #: 4

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Downing-Nelson Oil Co Inc

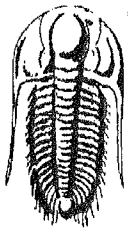
Alexia #1-9

9 14 16 Ellis KS

DST # 4

Arbuckle

2007.08.04



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Downing-Nelson Oil Co Inc

Alexia #1-9

PO Box 372
Hays KS 67601-0372

9 14 16 Ellis KS

Job Ticket: 29181

DST#: 4

ATTN: Al Downing, Ron Nelso7601-0372

Test Start: 2007.08.04 @ 12:03:21

GENERAL INFORMATION:

Formation: **Arbuckle**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 13:31:16
 Time Test Ended: 16:06:46

Test Type: Conventional Straddle
 Tester: Ray Schwager
 Unit No: 42

Interval: **3409.00 ft (KB) To 3434.00 ft (KB) (TVD)**
 Total Depth: 3434.00 ft (KB) (TVD)
 Hole Diameter: 7.85 inches Hole Condition: Fair

Reference Elevations: 1903.00 ft (KB)
 1895.00 ft (CF)
 KB to GR/CF: 8.00 ft

Serial #: 6753

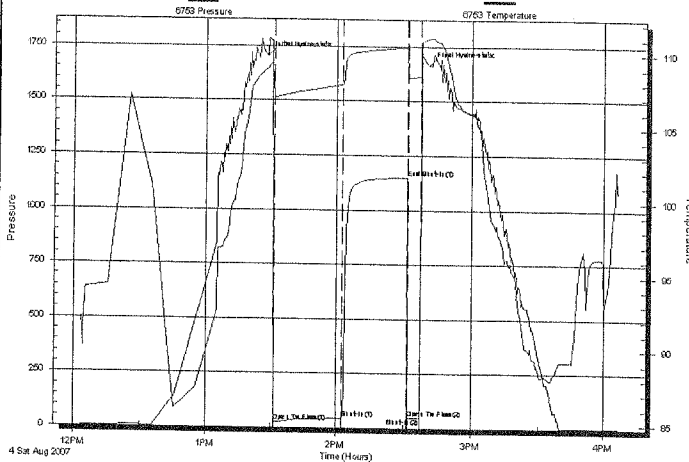
Inside

Press@RunDepth: 43.74 psig @ 3414.01 ft (KB)
 Start Date: 2007.08.04 End Date: 2007.08.04
 Start Time: 12:03:21 End Time: 16:06:46

Capacity: 7000.00 psig
 Last Calib.: 2007.08.04
 Time On Btm: 2007.08.04 @ 13:28:16
 Time Off Btm: 2007.08.04 @ 14:41:16

TEST COMMENT: IFP Wk bl thru-out 1/4 " to 1 " bl
 FFP Wk bl 1/2 "
 Times 30 30 7 out

Pressure vs. Time



PRESSURE SUMMARY

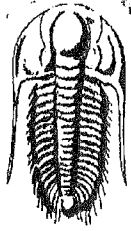
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1706.88	109.02	Initial Hydro-static
3	24.79	107.08	Open To Flow (1)
34	43.74	107.94	Shut-In(1)
63	1149.86	110.49	End Shut-In(1)
64	47.55	108.46	Open To Flow (2)
69	47.41	108.50	Shut-In(2)
73	1664.28	111.07	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
55.00	Mud	0.50

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Downing-Nelson Oil Co Inc

Alexia #1-9

PO Box 372
Hays KS 67601-0372

9 14 16 Ellis KS

Job Ticket: 29181

DST#: 4

ATTN: Al Downing, Ron Nelso7601-0372

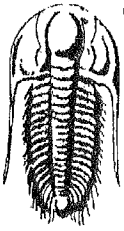
Test Start: 2007.08.04 @ 12:03:21

Tool Information

Drill Pipe:	Length: 3385.00 ft	Diameter: 3.80 inches	Volume: 47.48 bbl	Tool Weight: 2200.00 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: 30.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose: 60000.00 lb
			<u>Total Volume: 47.63 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	27.00 ft			String Weight: Initial 47000.00 lb
Depth to Top Packer:	3409.00 ft			Final 47000.00 lb
Depth to Bottom Packer:	3434.02 ft			
Interval between Packers:	25.02 ft			
Tool Length:	115.03 ft			
Number of Packers:	3	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3389.00	
Shut In Tool	5.00			3394.00	
Hydraulic tool	5.00			3399.00	
Packer	5.00			3404.00	21.00 Bottom Of Top Packer
Packer	5.00			3409.00	
Stubb	1.00			3410.00	
Perforations	4.00			3414.00	
Recorder	0.01	6753	Inside	3414.01	
Perforations	4.00			3418.01	
Recorder	0.01	13534	Outside	3418.02	
Perforations	12.00			3430.02	
Blank Off Sub	1.00			3431.02	
Blank Spacing	3.00			3434.02	25.02 Tool Interval
Packer	5.00			3439.02	
Stubb	1.00			3440.02	
Recorder	0.01	13547	Below	3440.03	
Blank Spacing	63.00			3503.03	69.01 Bottom Packers & Anchor
Total Tool Length:	115.03				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Downing-Nelson Oil Co Inc

Alexia #1-9

PO Box 372
Hays KS 67601-0372

9 14 16 Ellis KS

Job Ticket: 29181

DST#: 4

ATTN: Al Downing, Ron Nelso7601-0372

Test Start: 2007.08.04 @ 12:03:21

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: 10.69 in³

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
55.00	Mud	0.498

Total Length: 55.00 ft

Total Volume: 0.498 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 6753

Inside

Dow ning-Nelson Oil Co Inc

9 14 16 Ellis KS

DST Test Number: 4

Pressure vs. Time

