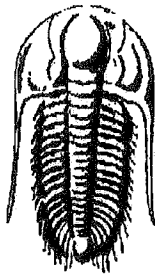


15-145-21601

31-20s-20w

IND



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Downing Nelson Oil Co.**

PO Box 372
Hays, KS 67601

ATTN: Marc Downing

31 20s20w Pawnee KS

Pelton 1-31

Start Date: 2010.03.05 @ 00:42:50

End Date: 2010.03.05 @ 07:41:44

Job Ticket #: 38111 DST #: 1

RECEIVED

MAR 26 2010

KCC WICHITA

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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

Downing Nelson Oil Co.

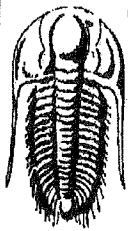
Pelton 1-31

31 20s20w Pawnee KS

DST # 1

Osage

2010.03.05



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Dow ning Nelson Oil Co.

Pelton 1-31

PO Box 372
Hays, KS 67601

31 20s20w Pawnee KS

ATTN: Marc Dow ning

Job Ticket: 38111

DST#: 1

Test Start: 2010.03.05 @ 00:42:50

GENERAL INFORMATION:

Formation: **Osage**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 02:55:15

Time Test Ended: 07:41:44

Test Type: Conventional Bottom Hole

Tester: Brian Fairbank

Unit No: 41

Interval: **4340.00 ft (KB) To 4382.00 ft (KB) (TVD)**

Total Depth: 4382.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition:

Reference Elevations: 2226.00 ft (KB)

2218.00 ft (CF)

KB to GR/CF: 8.00 ft

Serial #: 8371

Outside

Press@RunDepth: 46.59 psig @ 4343.00 ft (KB)

Start Date: 2010.03.05

End Date:

2010.03.05

Start Time: 00:42:50

End Time:

07:41:44

Capacity: 8000.00 psig

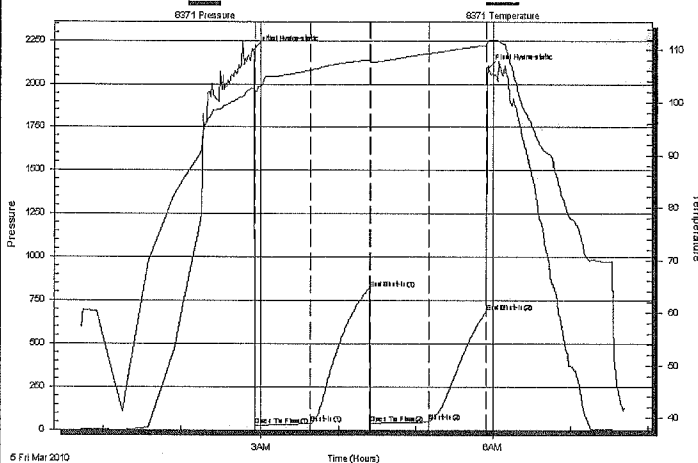
Last Calib.: 2010.03.05

Time On Btm: 2010.03.05 @ 02:53:45

Time Off Btm: 2010.03.05 @ 05:56:44

TEST COMMENT: IFP - weak to fair blow 1" - 5 1/2"
ISI - no blow back
FFP - weak to fair blow sur - 3 1/2"
FSI - no blow back

Pressure vs. Time



PRESSURE SUMMARY

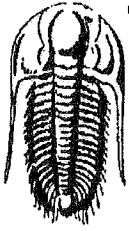
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2195.33	102.85	Initial Hydro-static
2	24.58	102.18	Open To Flow (1)
45	35.61	106.23	Shut-In(1)
91	817.46	108.15	End Shut-In(1)
91	40.03	107.78	Open To Flow (2)
137	46.59	109.40	Shut-In(2)
181	682.09	110.91	End Shut-In(2)
183	2093.85	111.79	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
55.00	MUD 100%	0.77
5.00	FREE OIL 95%O, 5%M	0.07

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Dow ning Nelson Oil Co.

Pelton 1-31

PO Box 372
Hays, KS 67601

31 20s20w Pawnee KS

Job Ticket: 38111

DST#: 1

ATTN: Marc Dow ning

Test Start: 2010.03.05 @ 00:42:50

Tool Information

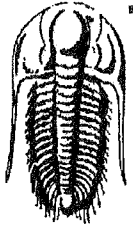
Drill Pipe:	Length: 4325.00 ft	Diameter: 3.80 inches	Volume: 60.67 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 70000.00 lb
			<u>Total Volume: 60.67 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	12.00 ft			String Weight: Initial 65000.00 lb
Depth to Top Packer:	4340.00 ft			Final 68000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	42.00 ft			
Tool Length:	69.00 ft			
Number of Packers:	2	Diameter: inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
------------------	-------------	------------	----------	------------	----------------

Shut In Tool	5.00			4318.00	
Hydraulic tool	5.00			4323.00	
Jars	5.00			4328.00	
Safety Joint	2.00			4330.00	
Packer	5.00			4335.00	27.00 Bottom Of Top Packer
Packer	5.00			4340.00	
Stubb	1.00			4341.00	
Perforations	1.00			4342.00	
Change Over Sub	1.00			4343.00	
Recorder	0.00	8018	Inside	4343.00	
Recorder	0.00	8371	Outside	4343.00	
Blank Spacing	31.00			4374.00	
Change Over Sub	1.00			4375.00	
Perforations	4.00			4379.00	
Bullnose	3.00			4382.00	42.00 Bottom Packers & Anchor

Total Tool Length: 69.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Dow ning Nelson Oil Co.

Pelton 1-31

PO Box 372
Hays, KS 67601

31 20s20w Pawnee KS

Job Ticket: 38111

DST#: 1

ATTN: Marc Dow ning

Test Start: 2010.03.05 @ 00:42:50

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 55.00 sec/qt
Water Loss: 8.72 in³
Resistivity: ohm.m
Salinity: 4000.00 ppm
Filter Cake: inches

Cushion Type:
Cushion Length: ft
Cushion Volume: bbl
Gas Cushion Type:
Gas Cushion Pressure: psig

Oil API: 38 deg API
Water Salinity: ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
55.00	MUD 100%	0.772
5.00	FREE OIL 95%O, 5%M	0.070

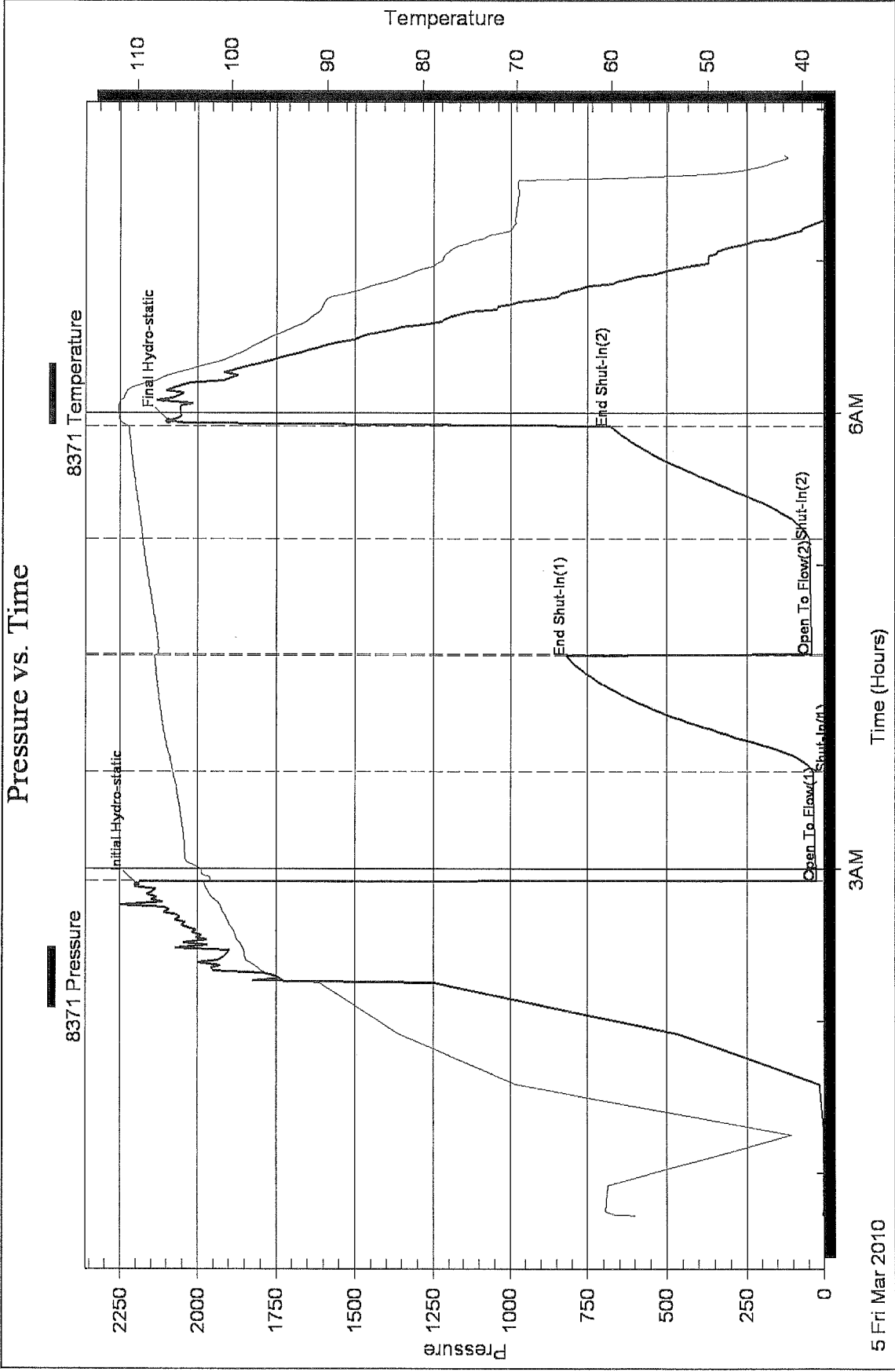
Total Length: 60.00 ft Total Volume: 0.842 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments:

Pressure vs. Time



5 Fri Mar 2010

6 AM

3 AM

Time (Hours)



DRILL STEM TEST REPORT

Prepared For: **Downing Nelson Oil Co.**

PO Box 372
Hays, KS 67601

ATTN: Marc Downing

31 20s20w Pawnee KS

Pelton 1-31

Start Date: 2010.03.05 @ 13:44:24

End Date: 2010.03.05 @ 18:31:48

Job Ticket #: 38112 DST #: 2

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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

Downing Nelson Oil Co.

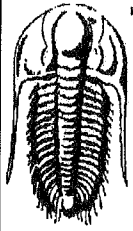
Pelton 1-31

31 20s20w Pawnee KS

DST # 2

Osage

2010.03.05



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Dow ning Nelson Oil Co.

Pelton 1-31

PO Box 372
Hays, KS 67601

31 20s20w Pawnee KS

Job Ticket: 38112

DST#: 2

ATTN: Marc Dow ning

Test Start: 2010.03.05 @ 13:44:24

GENERAL INFORMATION:

Formation: **Osage**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 15:44:19

Time Test Ended: 18:31:48

Test Type: Conventional Bottom Hole

Tester: Brian Fairbank

Unit No: 41

Interval: **4340.00 ft (KB) To 4387.00 ft (KB) (TVD)**

Reference Elevations: 2226.00 ft (KB)

Total Depth: 4387.00 ft (KB) (TVD)

2218.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition:

KB to GR/CF: 8.00 ft

Serial #: 8371

Outside

Press@RunDepth: 35.87 psig @ 4347.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2010.03.05 End Date: 2010.03.05

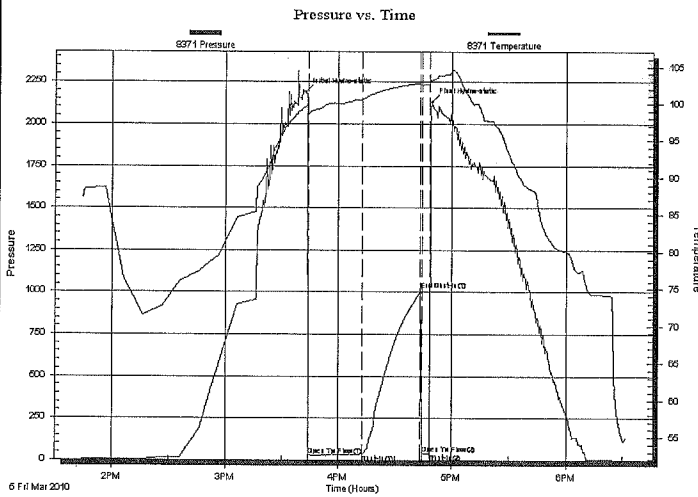
Last Calib.: 2010.03.05

Start Time: 13:44:24 End Time: 18:31:48

Time On Btm: 2010.03.05 @ 15:42:49

Time Off Btm: 2010.03.05 @ 16:49:19

TEST COMMENT: IFP - weak blow throughout 1/2" - 2"
ISI - no blow back
FFP - sur blow
TIME - 30-30-5



PRESSURE SUMMARY

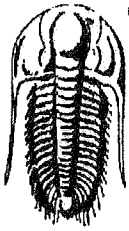
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2185.93	99.60	Initial Hydro-static
2	25.95	98.78	Open To Flow (1)
30	35.87	100.55	Shut-In(1)
60	1013.72	102.79	End Shut-In(1)
61	38.41	102.40	Open To Flow (2)
66	37.87	102.59	Shut-In(2)
67	2130.54	103.11	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
30.00	MUD w/ O spt in top	0.42

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Dow ning Nelson Oil Co.

Pelton 1-31

PO Box 372
Hays, KS 67601

31 20s20w Pawnee KS

Job Ticket: 38112

DST#: 2

ATTN: Marc Dow ning

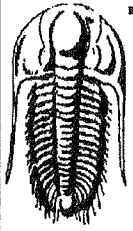
Test Start: 2010.03.05 @ 13:44:24

Tool Information

Drill Pipe:	Length: 4325.00 ft	Diameter: 3.80 inches	Volume: 60.67 bbl	Tool Weight: 2500.00 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: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 75000.00 lb
			<u>Total Volume: 60.67 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	12.00 ft			String Weight: Initial 66000.00 lb
Depth to Top Packer:	4340.00 ft			Final 66000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	47.00 ft			
Tool Length:	74.00 ft			
Number of Packers:	2	Diameter: inches		
Tool Comments:				

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			4318.00	
Hydraulic tool	5.00			4323.00	
Jars	5.00			4328.00	
Safety Joint	2.00			4330.00	
Packer	5.00			4335.00	27.00 Bottom Of Top Packer
Packer	5.00			4340.00	
Stubb	1.00			4341.00	
Perforations	5.00			4346.00	
Change Over Sub	1.00			4347.00	
Recorder	0.00	8018	Inside	4347.00	
Recorder	0.00	8371	Outside	4347.00	
Blank Spacing	31.00			4378.00	
Change Over Sub	1.00			4379.00	
Perforations	5.00			4384.00	
Bullnose	3.00			4387.00	47.00 Bottom Packers & Anchor

Total Tool Length: 74.00



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Downing Nelson Oil Co.

Pelton 1-31

PO Box 372
Hays, KS 67601

31 20s20w Pawnee KS

Job Ticket: 38112

DST#: 2

ATTN: Marc Downing

Test Start: 2010.03.05 @ 13:44:24

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: 48.00 sec/qt	Cushion Volume: bbl		
Water Loss: 10.34 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 6800.00 ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
30.00	MUD w / O spt in top	0.421

Total Length: 30.00 ft Total Volume: 0.421 bbl

Num Fluid Samples: 0

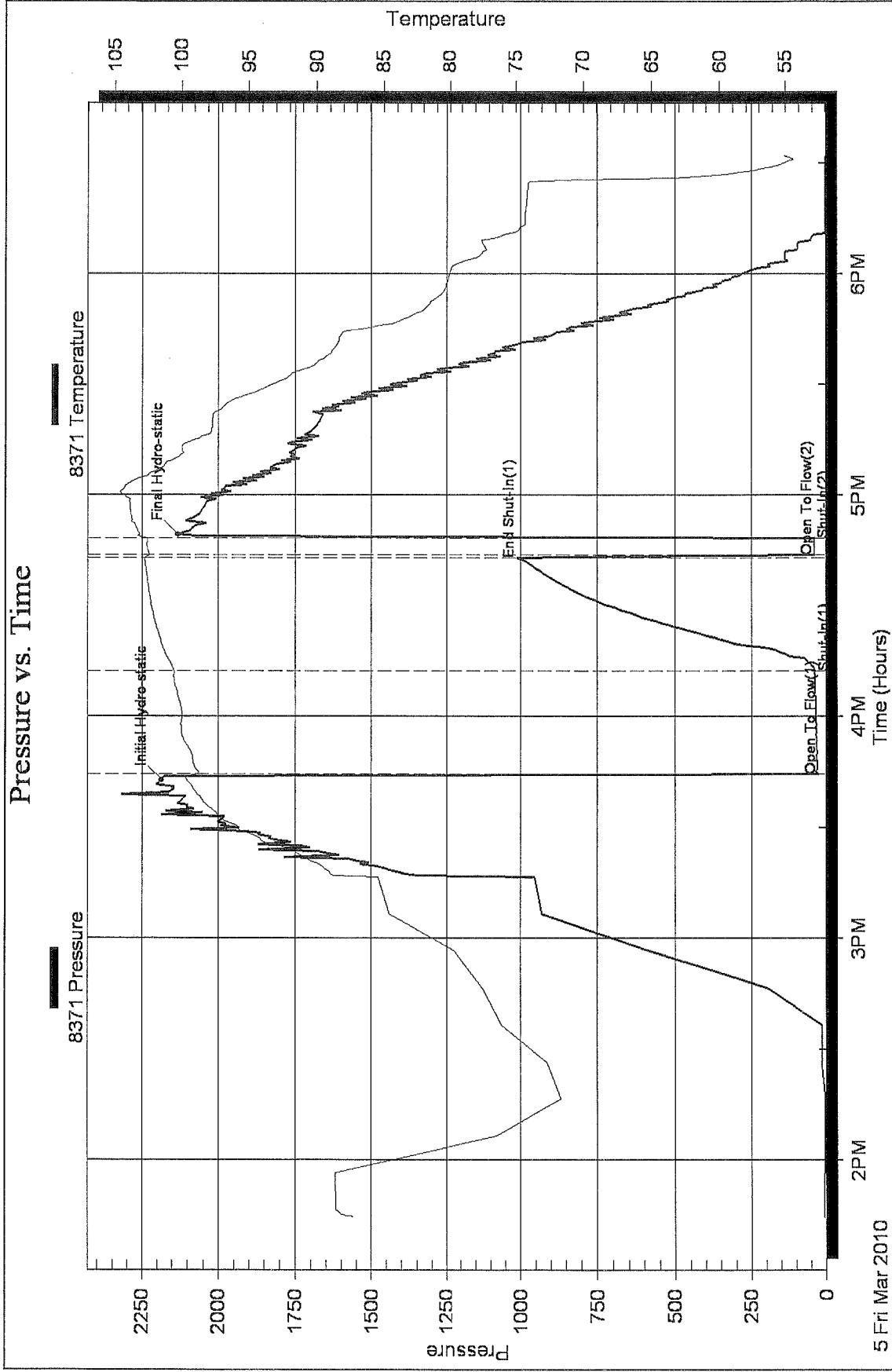
Num Gas Bombs: 0

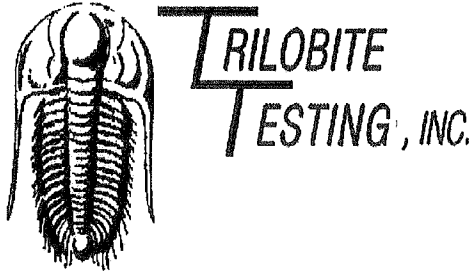
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





DRILL STEM TEST REPORT

Prepared For: **Downing Nelson Oil Co.**

PO Box 372
Hays, KS 67601

ATTN: Marc Downing

31 20s20w Pawnee KS

Pelton 1-31

Start Date: 2010.03.06 @ 01:19:02

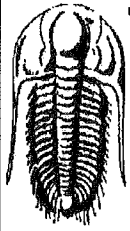
End Date: 2010.03.06 @ 06:55:26

Job Ticket #: 38113 DST #: 3

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Dow ning Nelson Oil Co.

Pelton 1-31

PO Box 372
Hays, KS 67601

31 20s20w Pawnee KS

Job Ticket: 38113

DST#: 3

ATTN: Marc Dow ning

Test Start: 2010.03.06 @ 01:19:02

GENERAL INFORMATION:

Formation: **Osage (3)**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 03:17:27

Time Test Ended: 06:55:26

Test Type: Conventional Bottom Hole

Tester: Brian Fairbank

Unit No: 41

Interval: **4380.00 ft (KB) To 4392.00 ft (KB) (TVD)**

Reference Elevations: 2226.00 ft (KB)

Total Depth: 4392.00 ft (KB) (TVD)

2218.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition:

KB to GR/CF: 8.00 ft

Serial #: 8371

Outside

Press@RunDepth: 41.77 psig @ 4384.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2010.03.06

End Date:

2010.03.06

Last Calib.: 2010.03.06

Start Time: 01:19:02

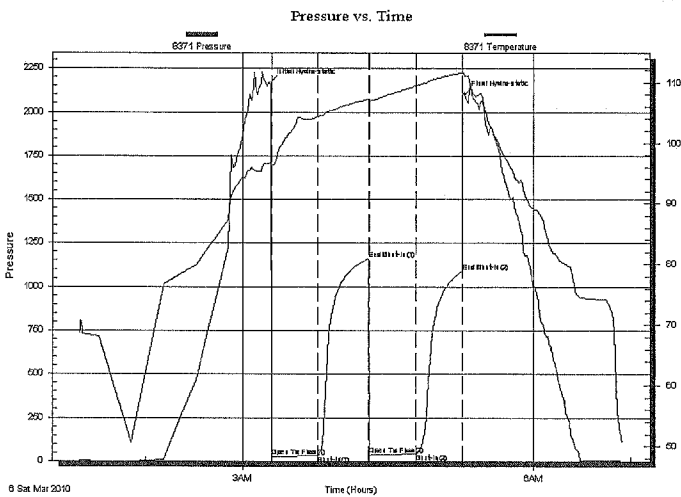
End Time:

06:55:26

Time On Btm: 2010.03.06 @ 03:16:27

Time Off Btm: 2010.03.06 @ 05:16:57

TEST COMMENT: IFP - weak blow throughout sur - 2"
ISI - no blow back
FFP - weak blow throughout sur - 1"
FSI - no blow back



PRESSURE SUMMARY

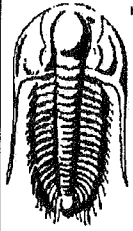
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2167.96	96.69	Initial Hydro-static
1	25.74	96.02	Open To Flow (1)
30	31.93	104.32	Shut-In(1)
61	1157.55	107.22	End Shut-In(1)
62	34.98	106.75	Open To Flow (2)
90	41.77	109.44	Shut-In(2)
119	1087.53	111.55	End Shut-In(2)
121	2102.31	110.98	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
40.00	MUD 100%	0.56
5.00	FREE OIL 95%O, 5%M	0.07

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Dow ning Nelson Oil Co.

Pelton 1-31

PO Box 372
Hays, KS 67601

31 20s20w Pawnee KS

Job Ticket: 38113

DST#: 3

ATTN: Marc Dow ning

Test Start: 2010.03.06 @ 01:19:02

Tool Information

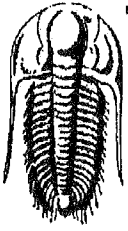
Drill Pipe:	Length: 4385.00 ft	Diameter: 3.80 inches	Volume: 61.51 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 75000.00 lb
			<u>Total Volume: 61.51 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	32.00 ft			String Weight: Initial 66000.00 lb
Depth to Top Packer:	4380.00 ft			Final 66000.00 lb
Depth to Bottom Packer:	ft			
Interval betw een Packers:	12.00 ft			
Tool Length:	39.00 ft			
Number of Packers:	2	Diameter: inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			4358.00	
Hydraulic tool	5.00			4363.00	
Jars	5.00			4368.00	
Safety Joint	2.00			4370.00	
Packer	5.00			4375.00	27.00 Bottom Of Top Packer
Packer	5.00			4380.00	
Stubb	1.00			4381.00	
Perforations	3.00			4384.00	
Recorder	0.00	8018	Inside	4384.00	
Recorder	0.00	8371	Outside	4384.00	
Perforations	5.00			4389.00	
Bullnose	3.00			4392.00	12.00 Bottom Packers & Anchor

Total Tool Length: 39.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Downing Nelson Oil Co.

Pelton 1-31

PO Box 372
Hays, KS 67601

31 20s20w Pawnee KS

ATTN: Marc Downing

Job Ticket: 38113

DST#: 3

Test Start: 2010.03.06 @ 01:19:02

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: ppm
Viscosity: 48.00 sec/qt	Cushion Volume: bbl	
Water Loss: 10.35 in ³	Gas Cushion Type:	
Resistivity: ohm.m	Gas Cushion Pressure: psig	
Salinity: 6800.00 ppm		
Filter Cake: inches		

Recovery Information

Recovery Table

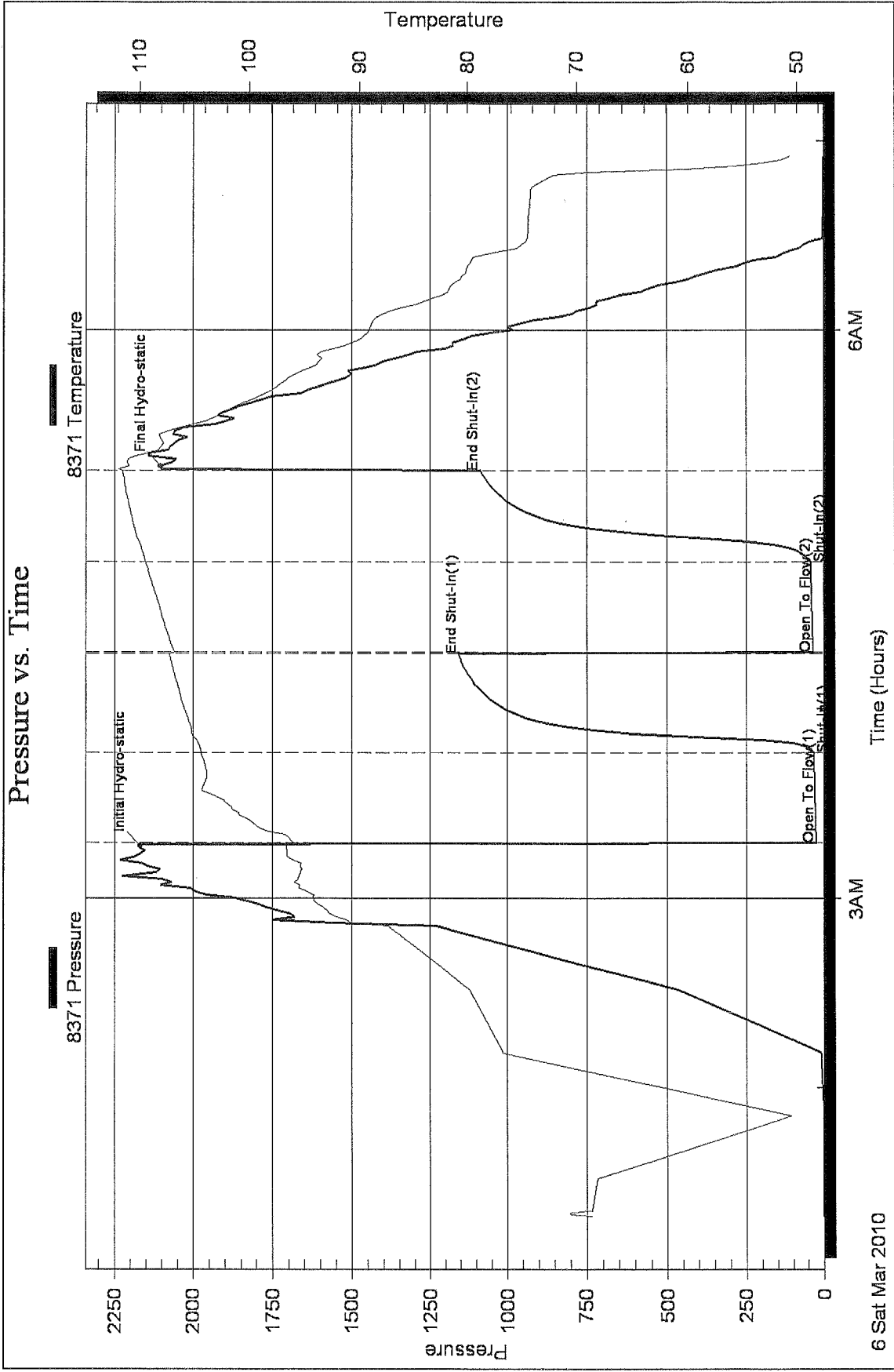
Length ft	Description	Volume bbl
40.00	MUD 100%	0.561
5.00	FREE OIL 95%O, 5%M	0.070

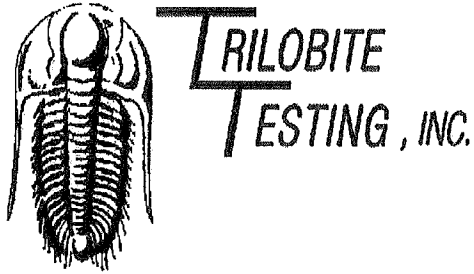
Total Length: 45.00 ft Total Volume: 0.631 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments:





DRILL STEM TEST REPORT

Prepared For: **Downing Nelson Oil Co.**

PO Box 372
Hays, KS 67601

ATTN: Marc Downing

31 20s20w Pawnee KS

Pelton 1-31

Start Date: 2010.03.07 @ 04:35:55

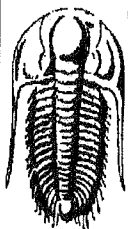
End Date: 2010.03.07 @ 11:25:25

Job Ticket #: 38114 DST #: 4

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Dow ning Nelson Oil Co.

Pelton 1-31

PO Box 372
Hays, KS 67601

31 20s20w Pawnee KS

ATTN: Marc Downing

Job Ticket: 38114

DST#: 4

Test Start: 2010.03.07 @ 04:35:55

GENERAL INFORMATION:

Formation: **Osage (4)**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 06:23:55

Time Test Ended: 11:25:25

Test Type: Conventional Straddle

Tester: Brian Fairbank

Unit No: 41

Interval: **4385.00 ft (KB) To 4403.00 ft (KB) (TVD)**

Reference Elevations: 2226.00 ft (KB)

Total Depth: 4542.00 ft (KB) (TVD)

2218.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition:

KB to GR/CF: 8.00 ft

Serial #: 8371

Outside

Press@RunDepth: 147.68 psig @ 4391.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2010.03.07

End Date:

2010.03.07

Last Calib.: 2010.03.07

Start Time: 04:36:00

End Time:

11:25:24

Time On Btm: 2010.03.07 @ 06:22:25

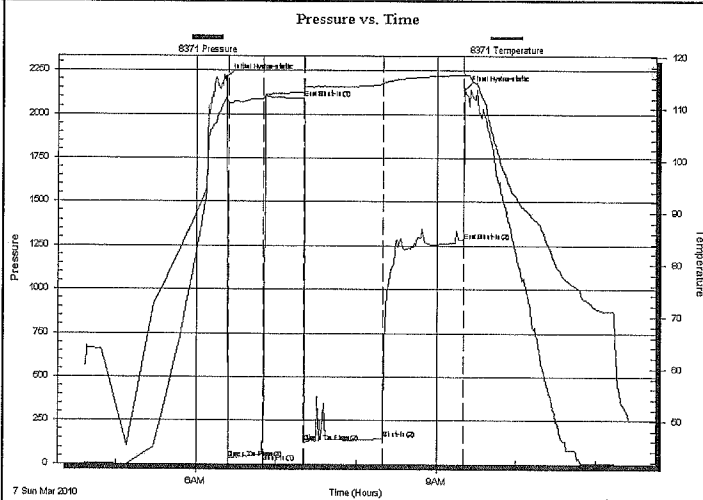
Time Off Btm: 2010.03.07 @ 09:21:24

TEST COMMENT: IFP - weak blow throughout 1/4" - 1 1/2"

ISI - no blow back

FFP - fair to good blow 3" - 8"

FSI - no blow back



PRESSURE SUMMARY

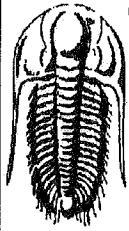
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2209.00	112.08	Initial Hydro-static
2	31.29	111.09	Open To Flow (1)
28	56.99	111.96	Shut-In(1)
58	2089.73	113.28	End Shut-In(1)
59	123.51	114.08	Open To Flow (2)
118	147.68	114.83	Shut-In(2)
178	1277.62	116.60	End Shut-In(2)
179	2142.03	116.59	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
235.00	MUD 100%	0.74
30.00	MUD w / O spts M100%	0.42

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Dow ning Nelson Oil Co.

Pelton 1-31

PO Box 372
Hays, KS 67601

31 20s20w Pawnee KS

Job Ticket: 38114

DST#: 4

ATTN: Marc Dow ning

Test Start: 2010.03.07 @ 04:35:55

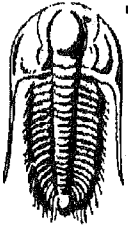
Tool Information

Drill Pipe:	Length: 4198.00 ft	Diameter: 3.80 inches	Volume: 58.89 bbl	Tool Weight: 3000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 30000.00 lb
Drill Collar:	Length: 182.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 90000.00 lb
			Total Volume: 58.89 bbl	Tool Chased 5.00 ft
Drill Pipe Above KB:	22.00 ft			String Weight: Initial 78000.00 lb
Depth to Top Packer:	4385.00 ft			Final 82000.00 lb
Depth to Bottom Packer:	4403.00 ft			
Interval between Packers:	18.00 ft			
Tool Length:	189.00 ft			
Number of Packers:	3	Diameter:	inches	

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			4363.00	
Hydraulic tool	5.00			4368.00	
Jars	5.00			4373.00	
Safety Joint	2.00			4375.00	
Packer	5.00			4380.00	27.00 Bottom Of Top Packer
Packer	5.00			4385.00	
Stubb	1.00			4386.00	
Perforations	5.00			4391.00	
Recorder	0.00	8018	Inside	4391.00	
Recorder	0.00	8371	Outside	4391.00	
Perforations	7.00			4398.00	
Blank Off Sub	1.00			4399.00	
Blank Spacing	4.00			4403.00	18.00 Tool Interval
Packer	5.00			4408.00	
Stubb	1.00			4409.00	
Perforations	10.00			4419.00	
Change Over Sub	1.00			4420.00	
Recorder	0.00	8647	Below	4420.00	
Blank Spacing	123.00			4543.00	
Change Over Sub	1.00			4544.00	
Bullnose	3.00			4547.00	144.00 Bottom Packers & Anchor
Total Tool Length:	189.00				



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Dow ning Nelson Oil Co.

Pelton 1-31

PO Box 372
Hays, KS 67601

31 20s20w Pawnee KS

Job Ticket: 38114 DST#: 4

ATTN: Marc Dow ning

Test Start: 2010.03.07 @ 04:35:55

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: 55.00 sec/qt	Cushion Volume: bbl		
Water Loss: 9.96 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 11000.00 ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
235.00	MUD 100%	0.743
30.00	MUD w / O spts M100%	0.421

Total Length: 265.00 ft Total Volume: 1.164 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments:

