



DRILL STEM TEST REPORT

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

PO Box 1019
Hays, KS 67601

ATTN: Marc Downing

Joleen #1-33

33-14S-21W Trego,KS

Start Date: 2018.11.04 @ 11:27:50

End Date: 2018.11.04 @ 17:57:20

Job Ticket #: 64790 DST #: 1

Trilobite Testing, Inc
1515 Commerce Parkway Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2018.11.05 @ 15:22:26



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Dow ning-Nelson Oil Co. Inc.

33-14S-21W Trego,KS

PO Box 1019
Hays, KS 67601

Joleen #1-33

Job Ticket: 64790

DST#: 1

ATTN: Marc Dow ning

Test Start: 2018.11.04 @ 11:27:50

GENERAL INFORMATION:

Formation: **Cherokee Sand**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 14:07:50

Time Test Ended: 17:57:20

Test Type: Conventional Bottom Hole (Initial)

Tester: Brannan Lonsdale

Unit No: 73

Interval: 3932.00 ft (KB) To 3958.00 ft (KB) (TVD)

Reference Elevations: 2103.00 ft (KB)

Total Depth: 3958.00 ft (KB) (TVD)

2095.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

Serial #: 6753

Inside

Press@RunDepth: 74.49 psig @ 3933.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2018.11.04 End Date: 2018.11.04

Last Calib.: 2018.11.04

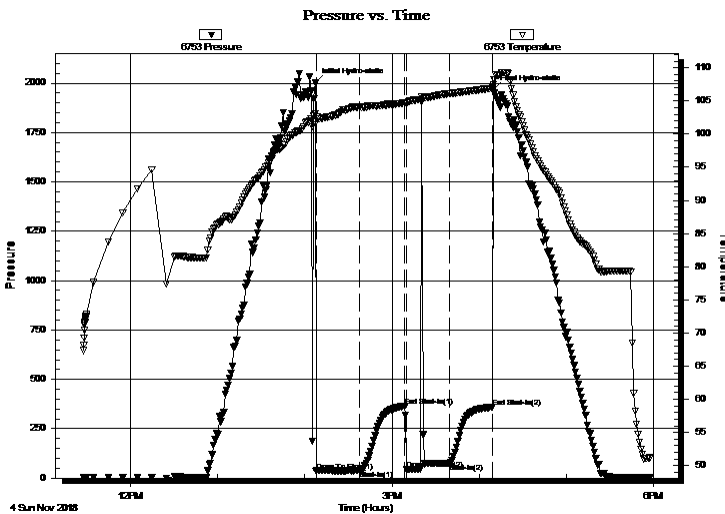
Start Time: 11:27:55 End Time: 17:57:19

Time On Btm: 2018.11.04 @ 14:07:20

Time Off Btm: 2018.11.04 @ 16:09:50

TEST COMMENT: 30- IF- Weak surface blow built very slowly to 1"
30- IS- No blow
30- FF- Weak surface blow . Flushed tool. Weak surface blow
30- FSI- No blow

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2000.22	103.09	Initial Hydro-static
1	36.02	101.87	Open To Flow (1)
31	38.45	104.13	Shut-In(1)
62	364.58	104.71	End Shut-In(1)
63	43.52	104.67	Open To Flow (2)
93	74.49	106.09	Shut-In(2)
122	358.88	106.92	End Shut-In(2)
123	1965.62	107.49	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
100.00	SOCM, 5%O 95%M	1.12

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Dow ning-Nelson Oil Co. Inc.

33-14S-21W Trego,KS

PO Box 1019
Hays, KS 67601

Joleen #1-33

Job Ticket: 64790

DST#: 1

ATTN: Marc Dow ning

Test Start: 2018.11.04 @ 11:27:50

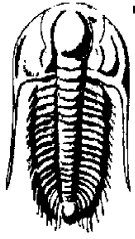
Tool Information

Drill Pipe:	Length: 3899.00 ft	Diameter: 3.82 inches	Volume: 55.27 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: ft	Diameter: inches	Volume: - bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 32.00 ft	Diameter: 2.25 inches	Volume: 0.16 bbl	Weight to Pull Loose: 68000.00 lb
			<u>Total Volume: - bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	19.00 ft			String Weight: Initial 55000.00 lb
Depth to Top Packer:	3932.00 ft			Final 56000.00 lb
Depth to Bottom Packer:	ft			
Interval betw een Packers:	26.00 ft			
Tool Length:	46.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Change Over Sub	1.00			3913.00	
Shut In Tool	5.00			3918.00	
Hydraulic tool	5.00			3923.00	
Packer	5.00			3928.00	20.00 Bottom Of Top Packer
Packer	4.00			3932.00	
Stubb	1.00			3933.00	
Recorder	0.00	6753	Inside	3933.00	
Recorder	0.00	6771	Outside	3933.00	
Perforations	22.00			3955.00	
Bullnose	3.00			3958.00	26.00 Bottom Packers & Anchor
Total Tool Length:	46.00				



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Dow ning-Nelson Oil Co. Inc.

33-14S-21W Trego,KS

PO Box 1019
Hays, KS 67601

Joleen #1-33

Job Ticket: 64790

DST#: 1

ATTN: Marc Dow ning

Test Start: 2018.11.04 @ 11:27:50

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

30 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 55.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.98 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 6500.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
100.00	SOCM, 5%O 95%M	1.121

Total Length: 100.00 ft

Total Volume: 1.121 bbl

Num Fluid Samples: 0

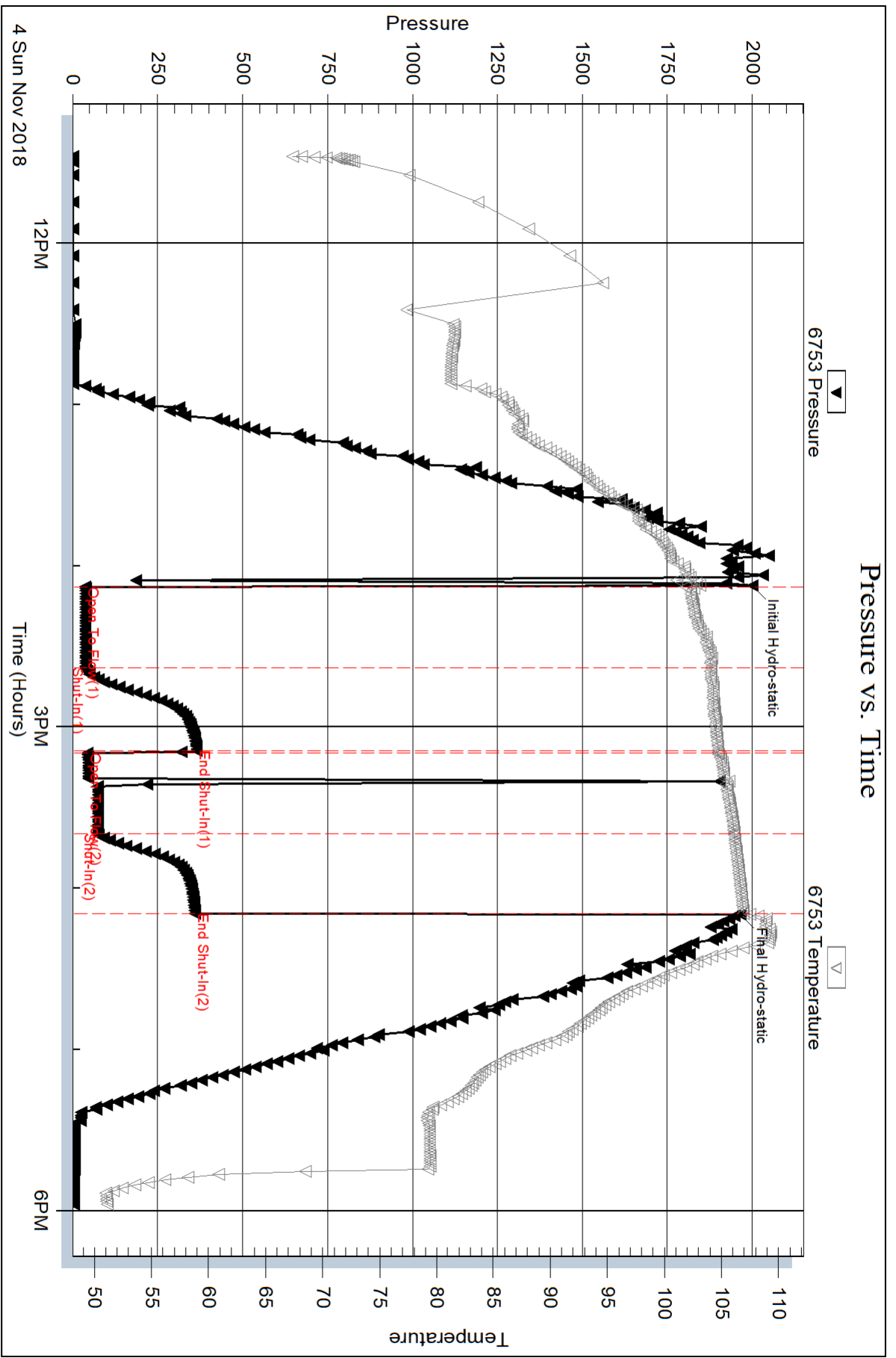
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

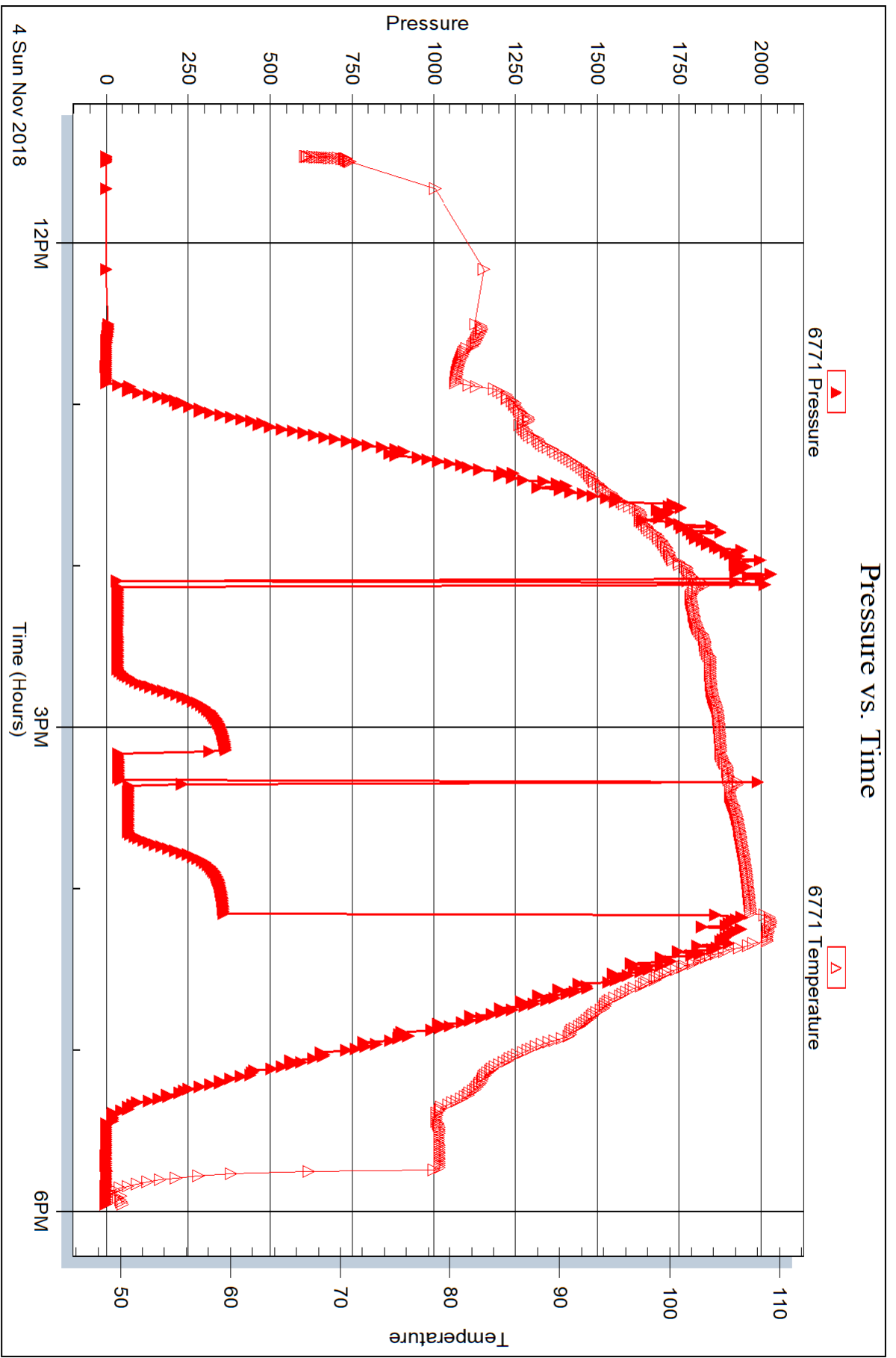


Serial #: 6771

Outside Dow nting-Nelson Oil Co. Inc.

Joleen #1-33

DST Test Number: 1



Triobite Testing, Inc

Ref. No: 64790

Printed: 2018.11.05 @ 15:22:27



DRILL STEM TEST REPORT

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

PO Box 1019
Hays, KS 67601

ATTN: Marc Downing

Joleen #1-33

33-14S-21W Trego,KS

Start Date: 2018.11.05 @ 00:36:27

End Date: 2018.11.05 @ 04:47:08

Job Ticket #: 64791 DST #: 2

Trilobite Testing, Inc
1515 Commerce Parkway Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2018.11.05 @ 15:20:18

Downing-Nelson Oil Co. Inc.

33-14S-21W Trego,KS

Joleen #1-33

DST # 2

Cherokee "C" Sand

2018.11.05



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Dow ning-Nelson Oil Co. Inc.

33-14S-21W Trego,KS

PO Box 1019
Hays, KS 67601

Joleen #1-33

Job Ticket: 64791

DST#: 2

ATTN: Marc Dow ning

Test Start: 2018.11.05 @ 00:36:27

Tool Information

Drill Pipe:	Length: 3867.00 ft	Diameter: 3.82 inches	Volume: 54.82 bbl	Tool Weight:	2000.00 lb
Heavy Wt. Pipe:	Length: ft	Diameter: inches	Volume: - bbl	Weight set on Packer:	25000.00 lb
Drill Collar:	Length: 32.00 ft	Diameter: 2.25 inches	Volume: 0.16 bbl	Weight to Pull Loose:	lb
			<u>Total Volume:</u>	Tool Chased	0.00 ft
			- bbl	String Weight: Initial	54000.00 lb
Drill Pipe Above KB:	22.00 ft			Final	lb
Depth to Top Packer:	3897.00 ft				
Depth to Bottom Packer:	ft				
Interval betw een Packers:	76.00 ft				
Tool Length:	96.00 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			3878.00	
Shut In Tool	5.00			3883.00	
Hydraulic tool	5.00			3888.00	
Packer	5.00			3893.00	20.00 Bottom Of Top Packer
Packer	4.00			3897.00	
Stubb	1.00			3898.00	
Recorder	0.00	6753	Inside	3898.00	
Recorder	0.00	6771	Outside	3898.00	
Perforations	7.00			3905.00	
Change Over Sub	1.00			3906.00	
Drill Pipe	63.00			3969.00	
Change Over Sub	1.00			3970.00	
Bullnose	3.00			3973.00	76.00 Bottom Packers & Anchor

Total Tool Length: 96.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Dow ning-Nelson Oil Co. Inc.

33-14S-21W Trego,KS

PO Box 1019
Hays, KS 67601

Joleen #1-33

Job Ticket: 64791

DST#: 2

ATTN: Marc Dow ning

Test Start: 2018.11.05 @ 00:36:27

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:

bbbl

Water Loss: 7.98 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 6500.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
150.00	M	1.830

Total Length: 150.00 ft

Total Volume: 1.830 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

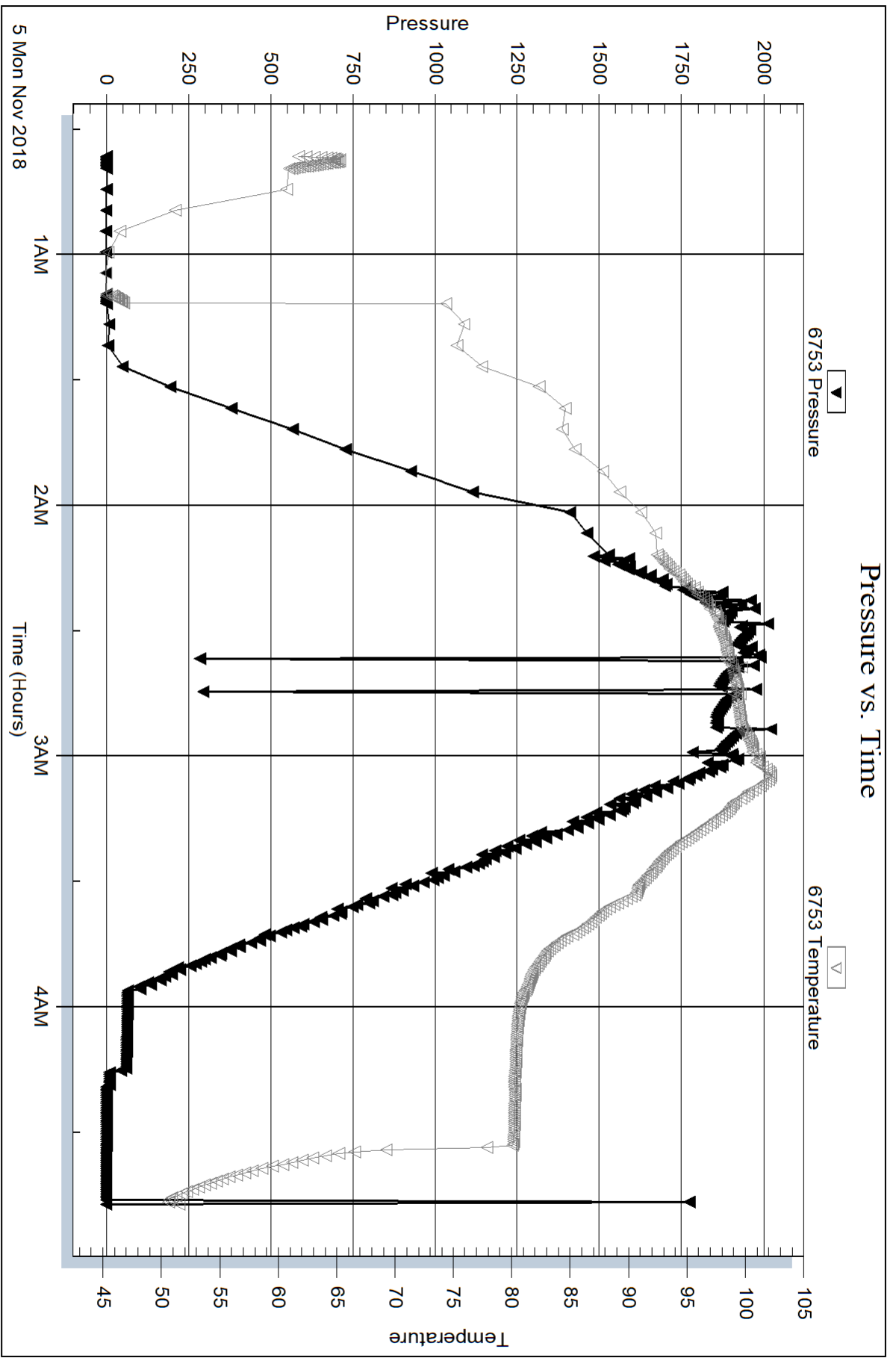
Serial #: 6753

Inside

Dow nting-Nelson Oil Co. Inc.

Joleen #1-33

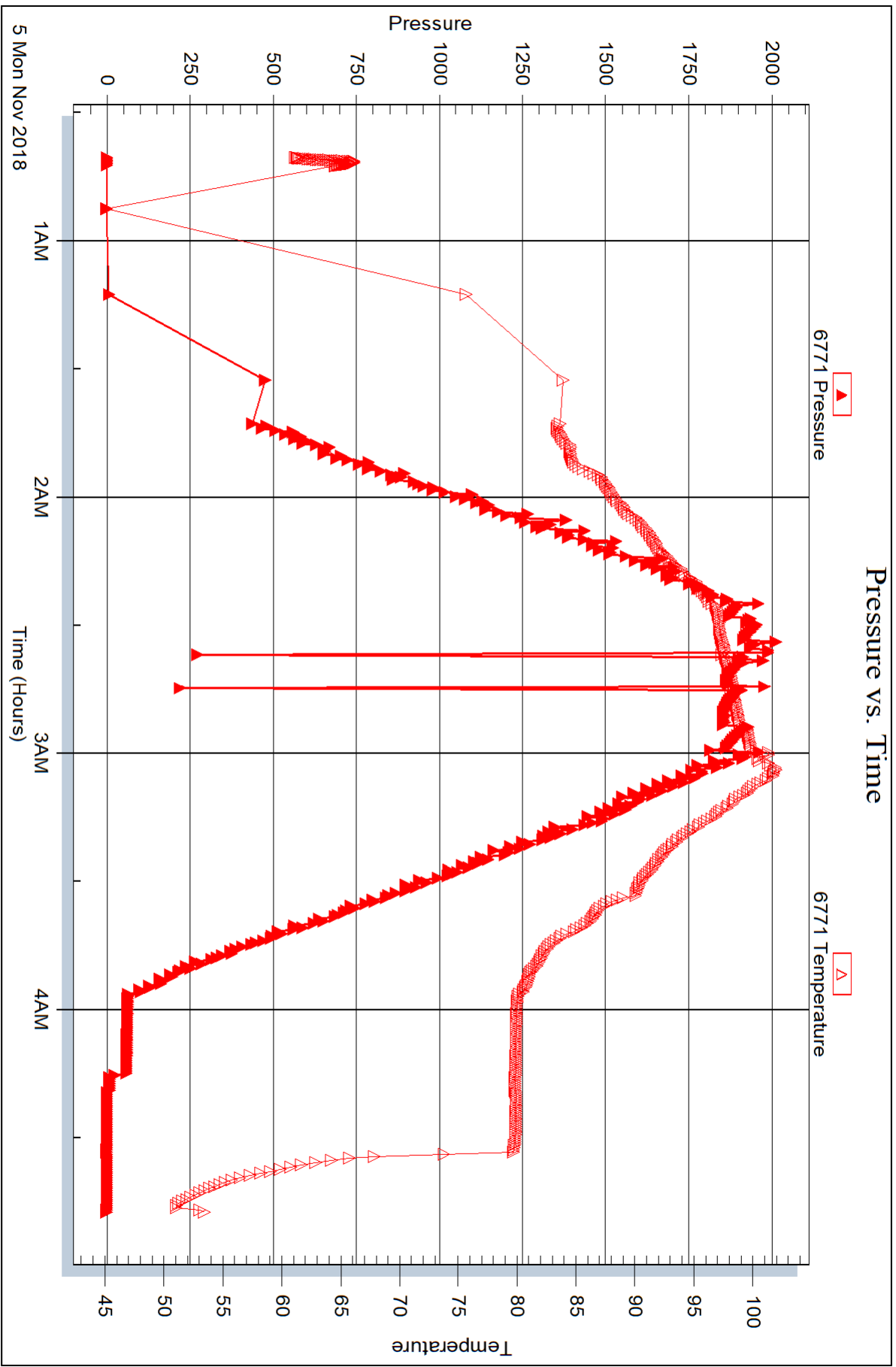
DST Test Number: 2



Triobite Testing, Inc

Ref. No: 64791

Printed: 2018.11.05 @ 15:20:19





DRILL STEM TEST REPORT

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

PO Box 1019
Hays, KS 67601

ATTN: Marc Downing

Joleen #1-33

33-14S-21W Trego,KS

Start Date: 2018.11.05 @ 04:56:25

End Date: 2018.11.05 @ 10:18:55

Job Ticket #: 64792 DST #: 3

Trilobite Testing, Inc
1515 Commerce Parkway Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2018.11.05 @ 15:19:50

Downing-Nelson Oil Co. Inc.

33-14S-21W Trego,KS

Joleen #1-33

DST # 3

Cherokee "C" Sand

2018.11.05



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Dow ning-Nelson Oil Co. Inc.

33-14S-21W Trego,KS

PO Box 1019
Hays, KS 67601

Joleen #1-33

Job Ticket: 64792

DST#: 3

ATTN: Marc Dow ning

Test Start: 2018.11.05 @ 04:56:25

GENERAL INFORMATION:

Formation: **Cherokee "C" Sand**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 06:22:55

Time Test Ended: 10:18:55

Test Type: Conventional Bottom Hole (Reset)

Tester: Brannan Lonsdale

Unit No: 73

Interval: 3889.00 ft (KB) To 3973.00 ft (KB) (TVD)

Reference Elevations: 2103.00 ft (KB)

Total Depth: 3973.00 ft (KB) (TVD)

2095.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Poor

KB to GR/CF: 8.00 ft

Serial #: 6753

Inside

Press@RunDepth: 221.62 psig @ 3890.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2018.11.05

End Date:

2018.11.05

Last Calib.:

2018.11.05

Start Time: 04:56:30

End Time:

10:18:54

Time On Btm:

2018.11.05 @ 06:20:55

Time Off Btm:

2018.11.05 @ 07:54:25

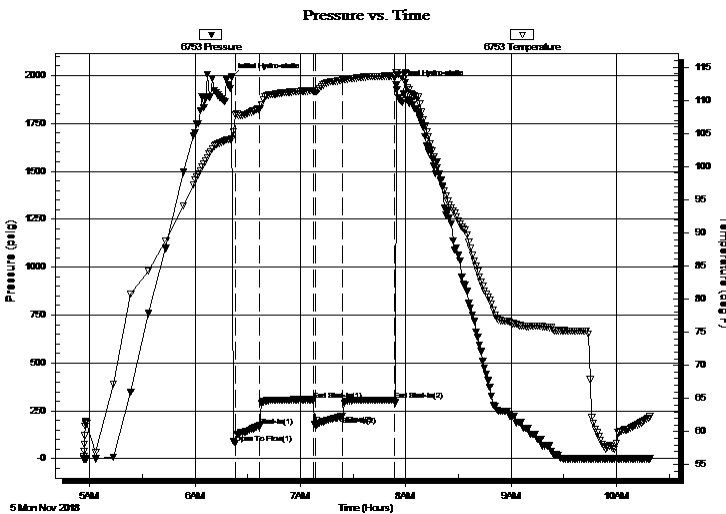
TEST COMMENT: 15- IF- BOB 2 mins. Built to 40.07"

30- IS- No blow

15- FF- BOB 5 mins. Built to 33.77"

30- FS- No blow

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1991.26	104.21	Initial Hydro-static
2	80.90	107.75	Open To Flow (1)
16	171.76	108.76	Shut-In(1)
47	308.23	111.45	End Shut-In(1)
48	178.29	111.42	Open To Flow (2)
63	221.62	113.04	Shut-In(2)
93	306.99	113.66	End Shut-In(2)
94	1950.94	114.22	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
428.00	GSMCO, 20%G 10%M 70%O	5.77
127.00	GSOCM, 20%G 10%O 70%M	1.80
0.00	333' GIP	0.00

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Dow ning-Nelson Oil Co. Inc.

33-14S-21W Trego,KS

PO Box 1019
Hays, KS 67601

Joleen #1-33

Job Ticket: 64792

DST#: 3

ATTN: Marc Dow ning

Test Start: 2018.11.05 @ 04:56:25

Tool Information

Drill Pipe:	Length: 3867.00 ft	Diameter: 3.82 inches	Volume: 54.82 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: ft	Diameter: inches	Volume: - bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 32.00 ft	Diameter: 2.25 inches	Volume: 0.16 bbl	Weight to Pull Loose: 62000.00 lb
			<u>Total Volume: - bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	30.00 ft			String Weight: Initial 55000.00 lb
Depth to Top Packer:	3889.00 ft			Final 59000.00 lb
Depth to Bottom Packer:	ft			
Interval betw een Packers:	84.00 ft			
Tool Length:	104.00 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			3870.00	
Shut In Tool	5.00			3875.00	
Hydraulic tool	5.00			3880.00	
Packer	5.00			3885.00	20.00 Bottom Of Top Packer
Packer	4.00			3889.00	
Stubb	1.00			3890.00	
Recorder	0.00	6753	Inside	3890.00	
Recorder	0.00	6771	Outside	3890.00	
Perforations	15.00			3905.00	
Change Over Sub	1.00			3906.00	
Drill Pipe	63.00			3969.00	
Change Over Sub	1.00			3970.00	
Bullnose	3.00			3973.00	84.00 Bottom Packers & Anchor

Total Tool Length: 104.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Dow ning-Nelson Oil Co. Inc.

33-14S-21W Trego,KS

PO Box 1019
Hays, KS 67601

Joleen #1-33

Job Ticket: 64792

DST#: 3

ATTN: Marc Dow ning

Test Start: 2018.11.05 @ 04:56:25

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: 55.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.98 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 6500.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
428.00	GSMCO, 20%G 10%M 70%O	5.771
127.00	GSOCM, 20%G 10%O 70%M	1.800
0.00	333' GIP	0.000

Total Length: 555.00 ft

Total Volume: 7.571 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

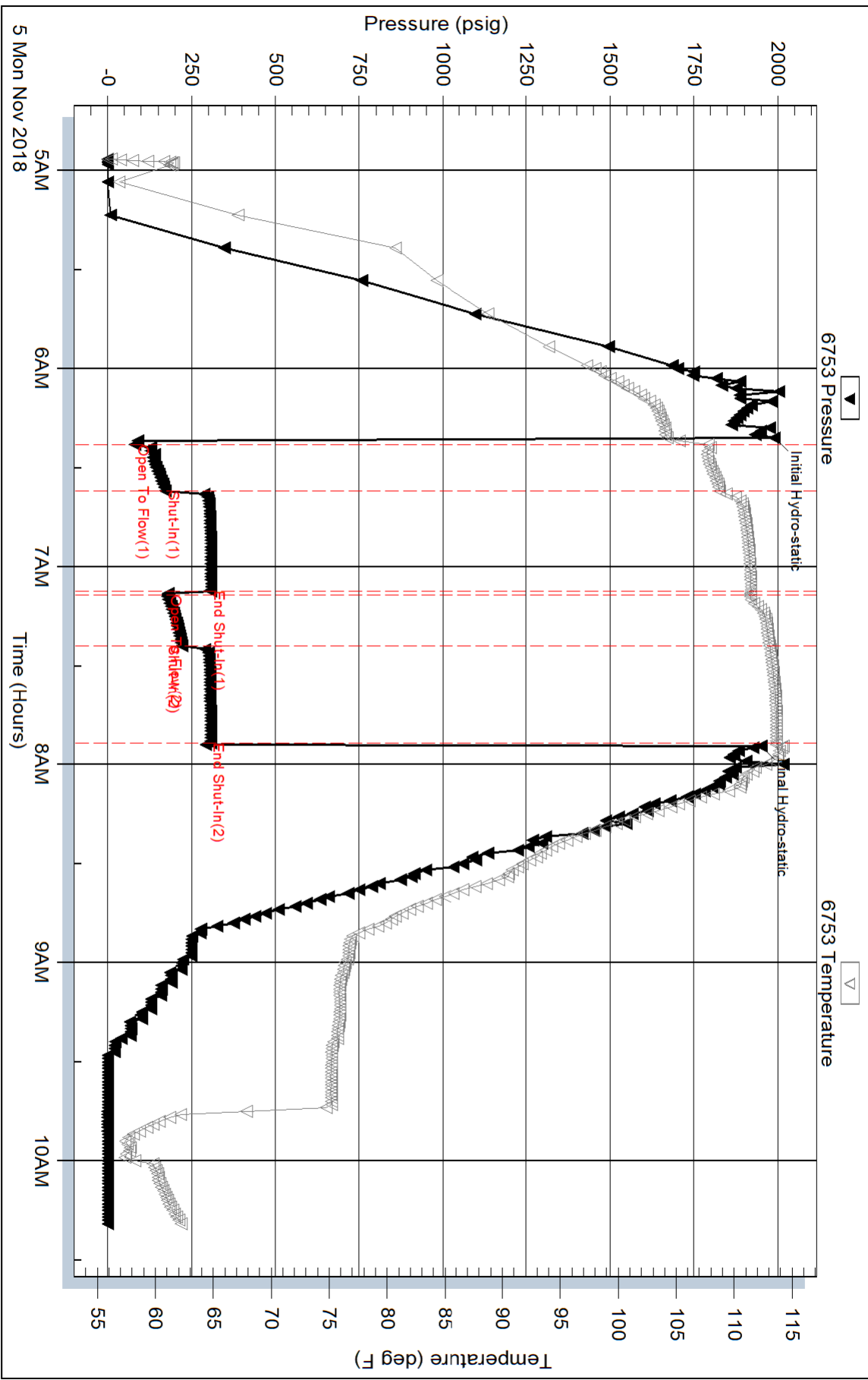
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time

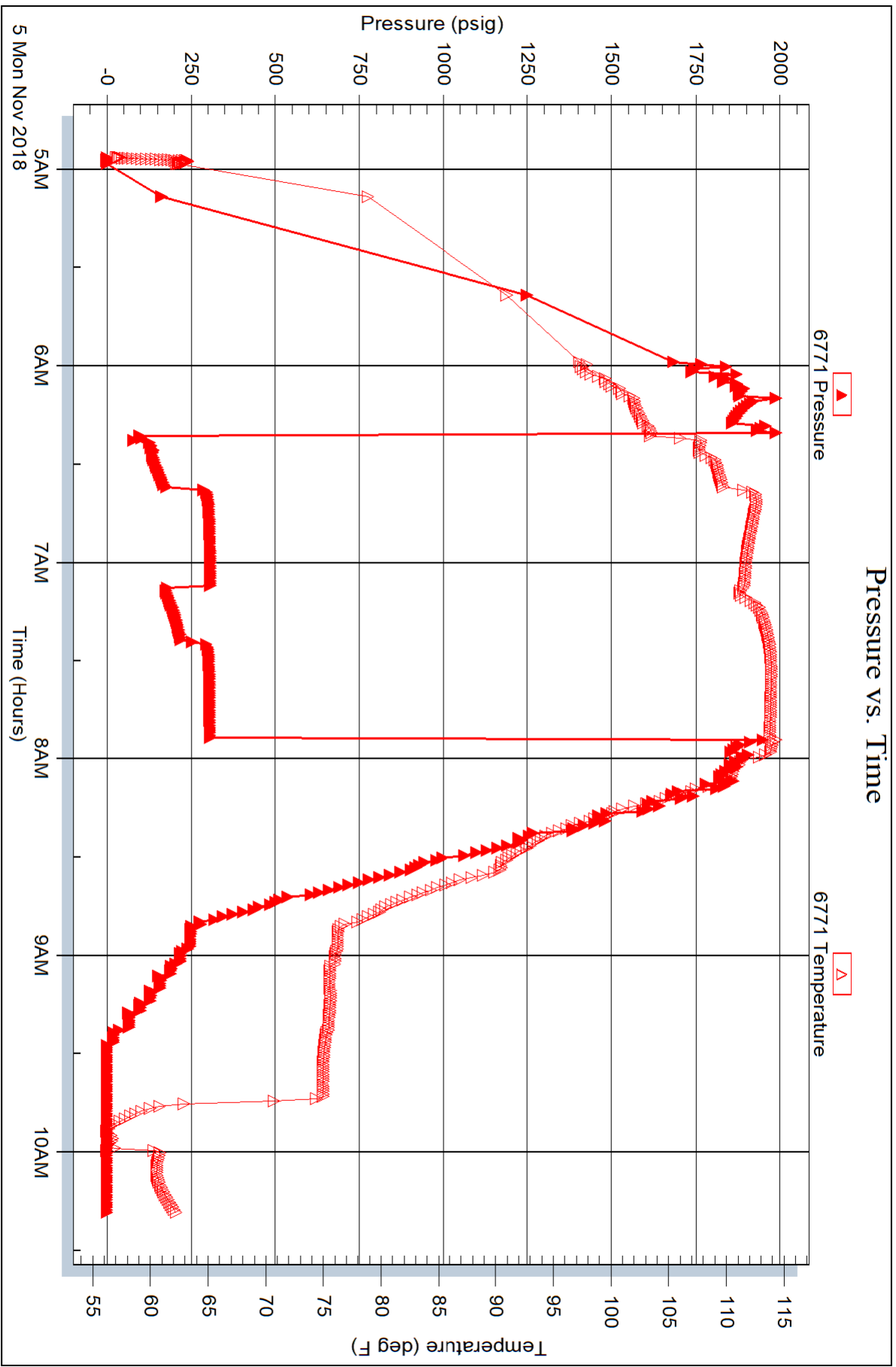


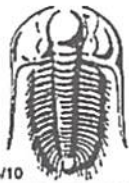
Serial #: 6771

Outside Dow nting-Nelson Oil Co. Inc.

Joleen #1-33

DST Test Number: 3





TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 64790

Well Name & No. Bleen #1-33 Test No. 1 Date 11/4/18
 Company Downing-Nelson Oil Co Inc Elevation 2103 KB 2095 GL
 Address PO Box 1019 Hays, KS 67601
 Co. Rep / Geo. Marc Downing Rig Discovery #4
 Location: Sec. 33 Twp 14 S Rge. 21 W Co. Trego State KS

Interval Tested 3932-3958 Zone Tested Cherokee Sand.
 Anchor Length 26' Drill Pipe Run 3899 Mud Wt. 9.0
 Top Packer Depth 3927 Drill Collars Run 32 Vis 55
 Bottom Packer Depth 3932 Wt. Pipe Run _____ WL 8.0
 Total Depth 3958 Chlorides 6,500 ppm System LCM 2A

Blow Description IF - weak surface blow built very slowly to 1"
ISF - No blow
FF - weak surface blow. Flushed tool. Weak surface blow
FISF - No blow

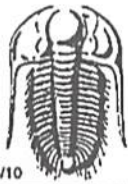
Rec	Feet of	%gas	%oil	%water	%mud
<u>100</u>	<u>SOCM</u>		<u>5</u>		<u>95</u>
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 100' BHT 107° Gravity 30 API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic <u>2000</u>	<input checked="" type="checkbox"/> Test <u>1050</u>	T-On Location <u>1045</u>
(B) First Initial Flow <u>36</u>	<input type="checkbox"/> Jars _____	T-Started <u>1128</u>
(C) First Final Flow <u>38</u>	<input type="checkbox"/> Safety Joint _____	T-Open <u>1408</u>
(D) Initial Shut-In <u>365</u>	<input type="checkbox"/> Circ Sub _____	T-Pulled <u>1608</u>
(E) Second Initial Flow <u>44</u>	<input type="checkbox"/> Hourly Standby _____	T-Out <u>1758</u>
(F) Second Final Flow <u>74</u>	<input checked="" type="checkbox"/> Mileage <u>60 RT</u> 60	Comments _____
(G) Final Shut-In <u>359</u>	<input type="checkbox"/> Sampler _____	_____
(H) Final Hydrostatic <u>1966</u>	<input type="checkbox"/> Straddle _____	<input type="checkbox"/> EM Tool _____
Initial Open <u>30</u>	<input type="checkbox"/> Shale Packer _____	<input type="checkbox"/> Ruined Shale Packer _____
Initial Shut-In <u>30</u>	<input type="checkbox"/> Extra Packer _____	<input type="checkbox"/> Ruined Packer _____
Final Flow <u>30</u>	<input type="checkbox"/> Extra Recorder _____	<input type="checkbox"/> Extra Copies _____
Final Shut-In <u>30</u>	<input type="checkbox"/> Day Standby _____	Sub Total <u>0</u>
	<input type="checkbox"/> Accessibility _____	Total <u>1110</u>
	Sub Total <u>1110</u>	MP/DST Disc't _____

Approved By _____ Our Representative Brennan Longdale

Trilobite Testing Inc. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 64791

Well Name & No. Zelen #1-33 Test No. 2 Date 11/5/18
 Company Powling-Nelson Oil Co Inc. Elevation 2103 KB 2095 GL
 Address PO Box 1019 Hays, KS 67601
 Co. Rep / Geo. Marc Powling Rig Discovery #4
 Location: Sec. 33 Twp 19 S Rge. 21 W Co. Trego State KS

Interval Tested 3897-3973 Zone Tested Cherokee "C" Sand
 Anchor Length 76' Drill Pipe Run 3867 Mud Wt. 9.0
 Top Packer Depth 3892 Drill Collars Run 32 Vis 55
 Bottom Packer Depth 3897 Wt. Pipe Run _____ WL 2.0
 Total Depth 3973 Chlorides 6,500 ppm System LCM 2A

Blow Description PACKER FAILURE

Rec	Feet of	%gas	%oil	%water	%mud
<u>150</u>	<u>M</u>				
_____	_____				
_____	_____				
_____	_____				
_____	_____				

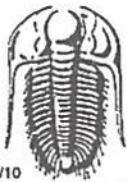
Rec Total 150' BHT _____ Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic _____ Test 850 T-On Location 0015
 (B) First Initial Flow _____ Jars _____ T-Started 0036
 (C) First Final Flow _____ Safety Joint _____ T-Open 0232
 (D) Initial Shut-In _____ Circ Sub _____ T-Pulled _____
 (E) Second Initial Flow _____ Hourly Standby _____ T-Out 0443
 (F) Second Final Flow _____ Mileage GORT 60 Comments _____
 (G) Final Shut-In _____ Sampler _____
 (H) Final Hydrostatic _____ Straddle _____
 _____ Shale Packer _____
 _____ Extra Packer _____
 _____ Extra Recorder _____
 _____ Day Standby _____
 _____ Accessibility _____
 Sub Total 910

EM Tool _____
 Ruined Shale Packer _____
 Ruined Packer _____
 Extra Copies _____
 Sub Total 0
 Total 910
 MP/DST Disc't _____

Approved By _____ Our Representative Brunner Lonsdale

Trilobite Testing Inc. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 64792

Well Name & No. Doleen #1-33 Test No. 3 Date 11/5/18
 Company Downing-Nelson Oil Co Inc. Elevation 2103 KB 2095 GL
 Address PO Box 1019 Hays, KS 67601
 Co. Rep / Geo. Marc Downing Rig Discovery #4
 Location: Sec. 33 Twp 14 S Rge. 21 W Co. Trego State KS

Interval Tested 3889-3973 Zone Tested Cherokee "C" Sand
 Anchor Length 84' Drill Pipe Run 3867 Mud Wt. 9.0
 Top Packer Depth 3884 Drill Collars Run 32 Vis 55
 Bottom Packer Depth 3889 Wt. Pipe Run --- WL 8.0
 Total Depth 3973 Chlorides 6,500 ppm System LCM 20
 Blow Description IF - BOB 2 mins, Built to 40.07"
ISF - No flow
FF - BOB 5 mins, Built to 33.77"
PSF - No blow

Rec	Feet of	%gas	%oil	%water	%mud
428	GSMCO	20	70	10	10
127	G50CM	20	10	70	70
	333' GIP				

Rec Total 555' BHT 114° Gravity 32 API RW --- @ --- F Chlorides --- ppm
 (A) Initial Hydrostatic 1991 Test 1050 T-On Location 0448
 (B) First Initial Flow 81 Jars --- T-Started 0456
 (C) First Final Flow 172 Safety Joint --- T-Open 0621
 (D) Initial Shut-In 308 Circ Sub --- T-Pulled 0751
 (E) Second Initial Flow 178 Hourly Standby --- T-Out 1018
 (F) Second Final Flow 222 Mileage --- Comments ---
 (G) Final Shut-In 307 Sampler ---
 (H) Final Hydrostatic 1951 Straddle ---
 Shale Packer ---
 Extra Packer ---
 Extra Recorder ---
 Day Standby ---
 Accessibility ---
 Sub Total 1050 MP/DST Disc't ---

Approved By _____ Our Representative Brannan Lousdale

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