



DRILL STEM TEST REPORT

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

PO Box 1019
Hays KS 67601

ATTN: Ron Nelson

Sharon Walker #2-13

13-12s-23w-Trego,KS

Start Date: 2013.11.15 @ 06:28:11

End Date: 2013.11.15 @ 12:48:11

Job Ticket #: 55832 DST #: 1

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2013.11.19 @ 12:00:43



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Downing Nelson Oil Co Inc

13-12s-23w-Trego,KS

PO Box 1019
Hays KS 67601

Sharon Walker #2-13

ATTN: Ron Nelson

Job Ticket: 55832

DST#: 1

Test Start: 2013.11.15 @ 06:28:11

GENERAL INFORMATION:

Formation: **LKC C-D**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 08:16:01

Time Test Ended: 12:48:11

Test Type: Conventional Bottom Hole (Initial)

Tester: Tate Lang

Unit No: 49

Interval: 3717.00 ft (KB) To 3760.00 ft (KB) (TVD)

Reference Elevations: 2442.00 ft (KB)

Total Depth: 3760.00 ft (KB) (TVD)

2433.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 9.00 ft

Serial #: 8897

Inside

Press@RunDepth: 50.59 psig @ 3723.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.11.15

End Date:

2013.11.15

Last Calib.:

2013.11.15

Start Time: 06:28:12

End Time:

12:48:11

Time On Btm:

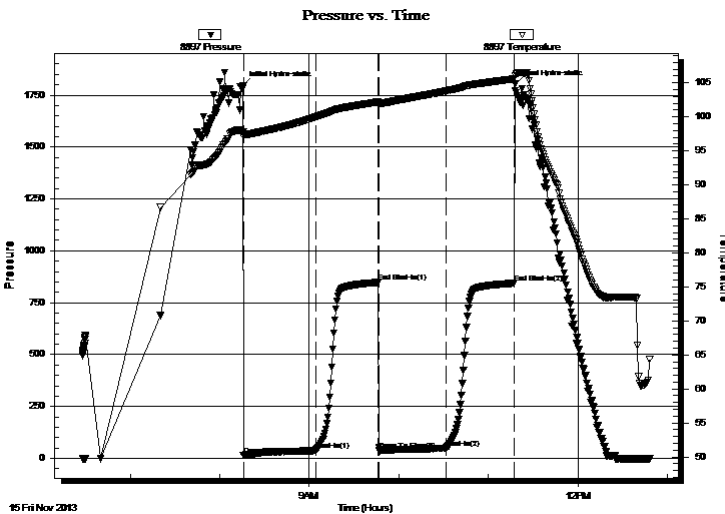
2013.11.15 @ 08:15:41

Time Off Btm:

2013.11.15 @ 11:17:41

TEST COMMENT: Fair surface blow built to 5"
Dead no blow back
Fair surface blow built to 5"
Dead no blow back

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1793.57	97.81	Initial Hydro-static
1	13.90	97.37	Open To Flow (1)
49	37.30	99.96	Shut-In(1)
91	847.83	102.20	End Shut-In(1)
91	39.57	101.98	Open To Flow (2)
137	50.59	103.80	Shut-In(2)
182	843.79	105.59	End Shut-In(2)
182	1802.60	106.01	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
80.00	10%O 90%M	0.86
0.00	40 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

13-12s-23w-Trego,KS

PO Box 1019
Hays KS 67601

Sharon Walker #2-13

Job Ticket: 55832

DST#: 1

ATTN: Ron Nelson

Test Start: 2013.11.15 @ 06:28:11

Tool Information

Drill Pipe:	Length: 3694.00 ft	Diameter: 3.80 inches	Volume: 51.82 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 29.00 ft	Diameter: 2.25 inches	Volume: 0.14 bbl	Weight to Pull Loose: 66000.00 lb
			<u>Total Volume: 51.96 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	26.00 ft			String Weight: Initial 52000.00 lb
Depth to Top Packer:	3717.00 ft			Final 52000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	43.00 ft			
Tool Length:	63.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			3702.00	
Hydraulic tool	5.00			3707.00	
Packer	5.00			3712.00	20.00 Bottom Of Top Packer
Packer	5.00			3717.00	
Stubb	1.00			3718.00	
Perforations	5.00			3723.00	
Recorder	0.00	8897	Inside	3723.00	
Recorder	0.00	8898	Outside	3723.00	
Change Over Sub	1.00			3724.00	
Drill Pipe	32.00			3756.00	
Change Over Sub	1.00			3757.00	
Bullnose	3.00			3760.00	43.00 Bottom Packers & Anchor

Total Tool Length: 63.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Downing Nelson Oil Co Inc

13-12s-23w-Trego,KS

PO Box 1019
Hays KS 67601

Sharon Walker #2-13

Job Ticket: 55832

DST#: 1

ATTN: Ron Nelson

Test Start: 2013.11.15 @ 06:28:11

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: 58.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.98 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1250.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
80.00	10%O 90%M	0.858
0.00	40 GIP	0.000

Total Length: 80.00 ft Total Volume: 0.858 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

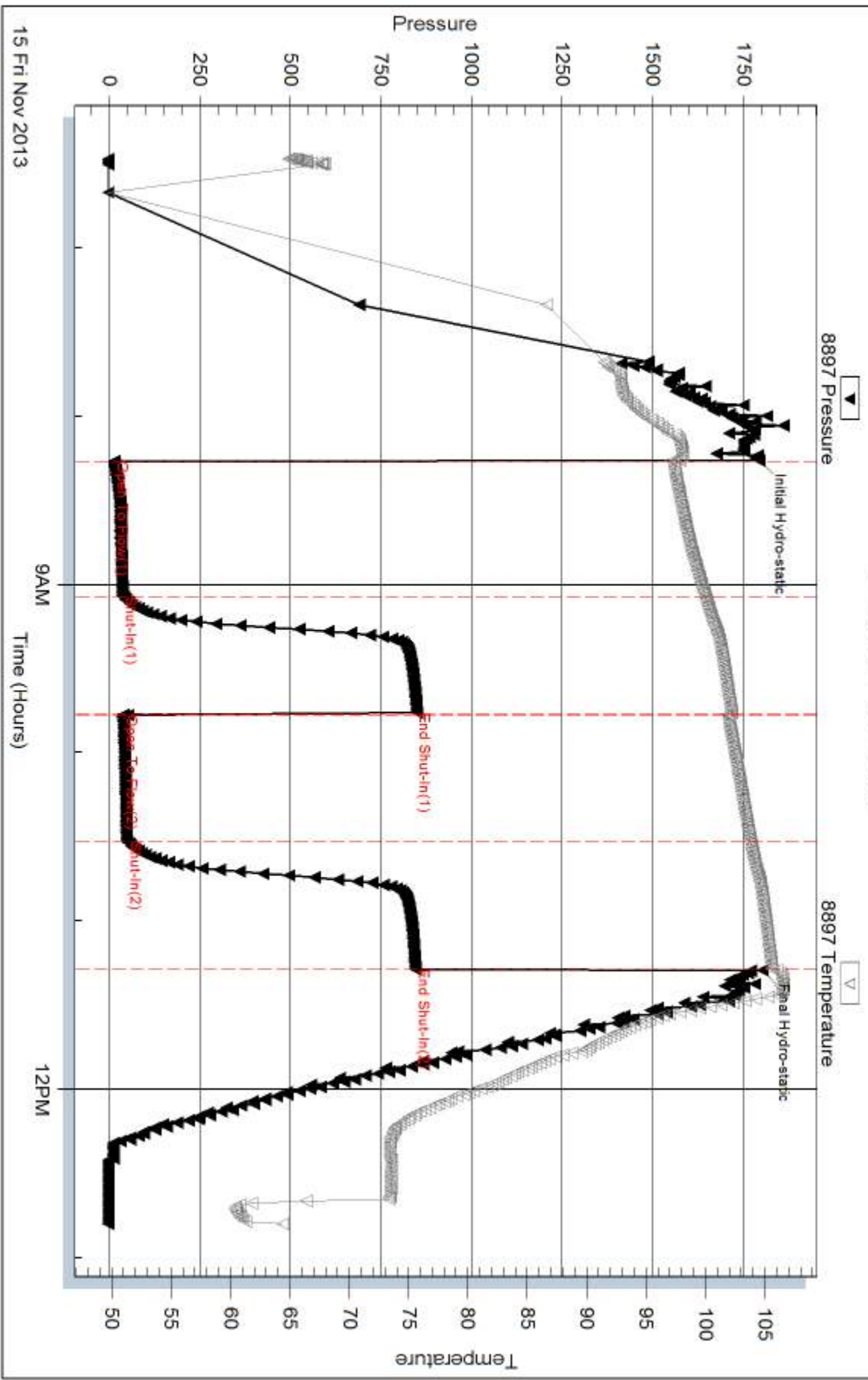
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time

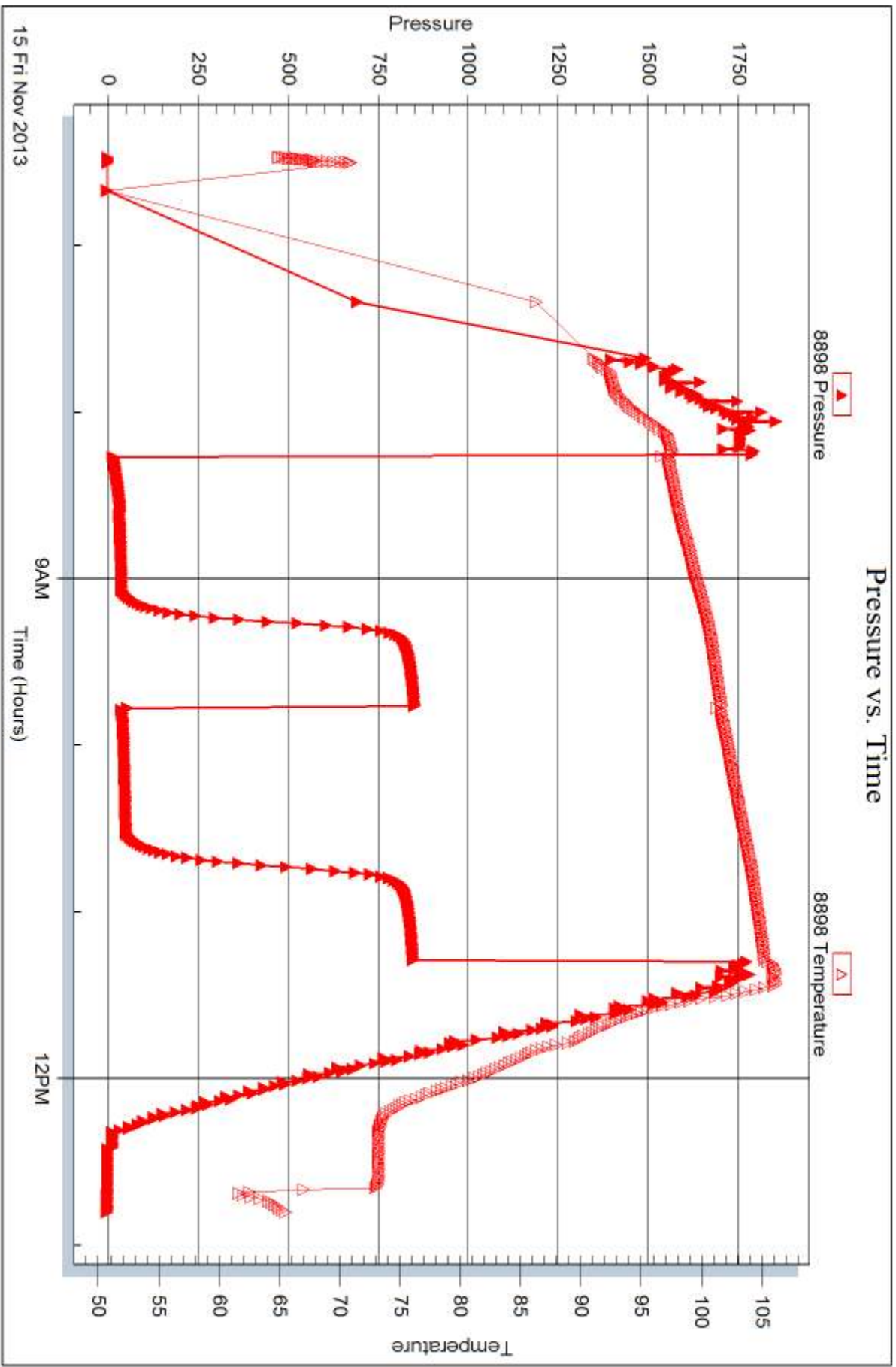


Serial #: 8898

Outside Dow nting Nelson Oil Co Inc

Sharon Walker #2-13

DST Test Number: 1



15 Fri Nov 2013

Triobite Testing, Inc

Ref. No: 55832

Printed: 2013.11.19 @ 12:00:45



DRILL STEM TEST REPORT

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

PO Box 1019
Hays KS 67601

ATTN: Ron Nelson

Sharon Walker #2-13

13-12s-23w-Trego,KS

Start Date: 2013.10.15 @ 18:42:55

End Date: 2013.10.16 @ 01:08:25

Job Ticket #: 55833 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2013.11.19 @ 12:00:09



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Downing Nelson Oil Co Inc

13-12s-23w-Trego,KS

PO Box 1019
Hays KS 67601

Sharon Walker #2-13

ATTN: Ron Nelson

Job Ticket: 55833

DST#: 2

Test Start: 2013.10.15 @ 18:42:55

GENERAL INFORMATION:

Formation: **LKC E**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 20:41:05

Time Test Ended: 01:08:25

Test Type: Conventional Bottom Hole (Reset)

Tester: Tate Lang

Unit No: 49

Interval: 3756.00 ft (KB) To 3775.00 ft (KB) (TVD)

Reference Elevations: 2442.00 ft (KB)

Total Depth: 3775.00 ft (KB) (TVD)

2433.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 9.00 ft

Serial #: 8897

Inside

Press@RunDepth: 23.30 psig @ 3757.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.10.15

End Date:

2013.10.16

Last Calib.:

2013.11.16

Start Time:

18:42:56

End Time:

01:08:25

Time On Btm:

2013.10.15 @ 20:40:55

Time Off Btm:

2013.10.15 @ 23:41:15

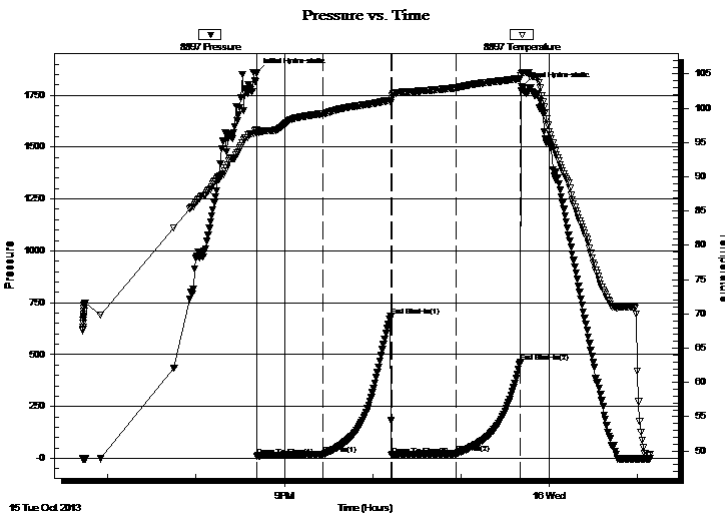
TEST COMMENT: Fair surface blow built to 4 1/2"

Dead no blow back

Fair surface blow built to 6"

Dead no blow back

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1857.40	96.92	Initial Hydro-static
1	10.59	96.29	Open To Flow (1)
45	19.51	99.20	Shut-In(1)
92	683.96	101.13	End Shut-In(1)
92	13.76	101.44	Open To Flow (2)
136	23.30	103.00	Shut-In(2)
180	461.64	104.37	End Shut-In(2)
181	1789.92	105.12	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
40.00	2%G 50%O 48%M	0.30
0.00	80 GIP	0.00

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Downing Nelson Oil Co Inc

13-12s-23w-Trego,KS

PO Box 1019
Hays KS 67601

Sharon Walker #2-13

Job Ticket: 55833

DST#: 2

ATTN: Ron Nelson

Test Start: 2013.10.15 @ 18:42:55

Tool Information

Drill Pipe:	Length: 3719.00 ft	Diameter: 3.80 inches	Volume: 52.17 bbl	Tool Weight: 2000.00 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: 29.00 ft	Diameter: 2.25 inches	Volume: 0.14 bbl	Weight to Pull Loose: 68000.00 lb
			<u>Total Volume: 52.31 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	12.00 ft			String Weight: Initial 52000.00 lb
Depth to Top Packer:	3756.00 ft			Final 52000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	19.00 ft			
Tool Length:	39.00 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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Shut In Tool	5.00			3741.00	
Hydraulic tool	5.00			3746.00	
Packer	5.00			3751.00	20.00 Bottom Of Top Packer
Packer	5.00			3756.00	
Stubb	1.00			3757.00	
Recorder	0.00	8897	Inside	3757.00	
Recorder	0.00	8898	Outside	3757.00	
Perforations	15.00			3772.00	
Bullnose	3.00			3775.00	19.00 Bottom Packers & Anchor
Total Tool Length:	39.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Downing Nelson Oil Co Inc

13-12s-23w-Trego,KS

PO Box 1019
Hays KS 67601

Sharon Walker #2-13

Job Ticket: 55833

DST#: 2

ATTN: Ron Nelson

Test Start: 2013.10.15 @ 18:42:55

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: 57.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.98 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
40.00	2%G 50%O 48%M	0.297
0.00	80 GIP	0.000

Total Length: 40.00 ft Total Volume: 0.297 bbl

Num Fluid Samples: 0

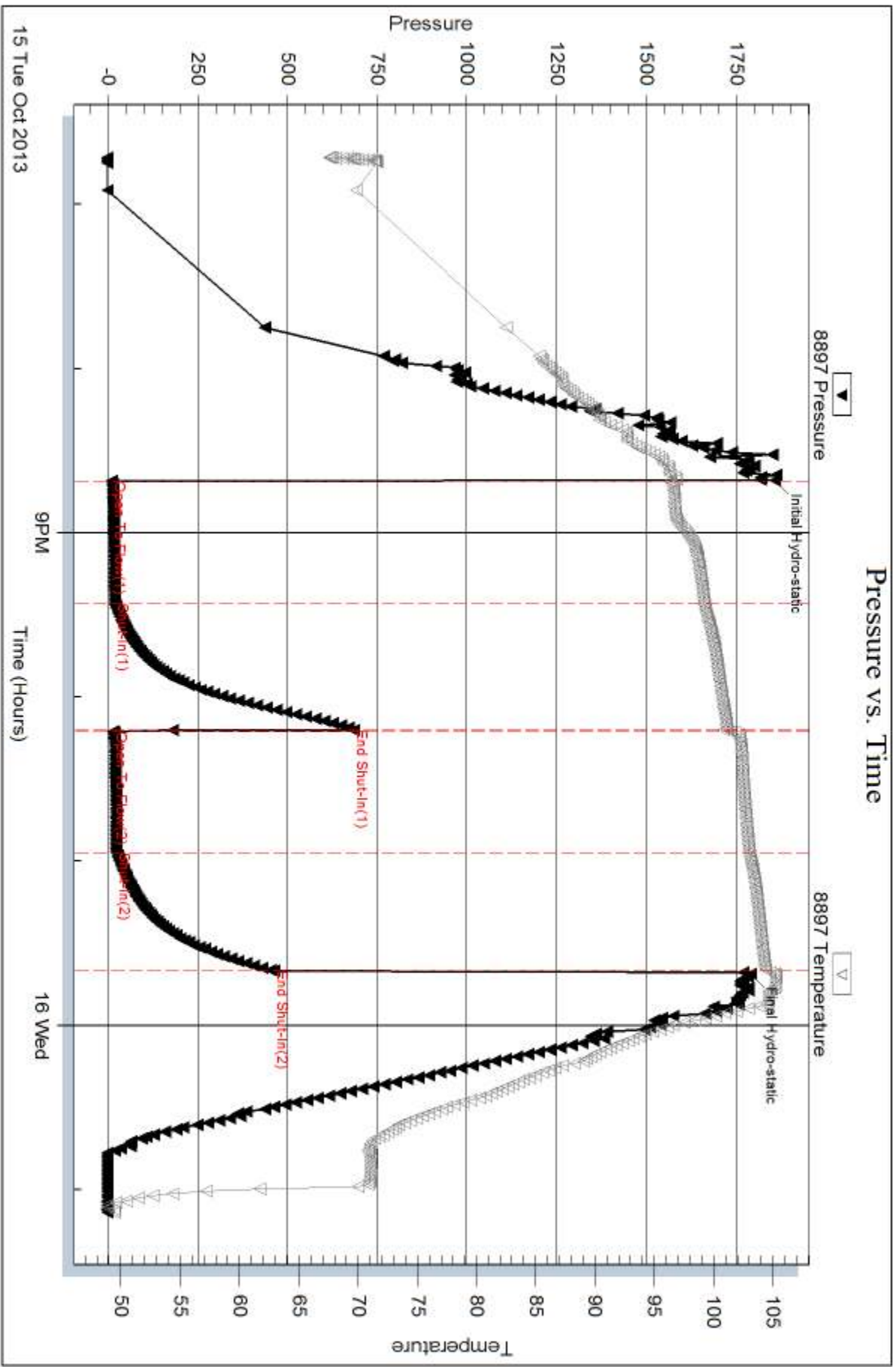
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

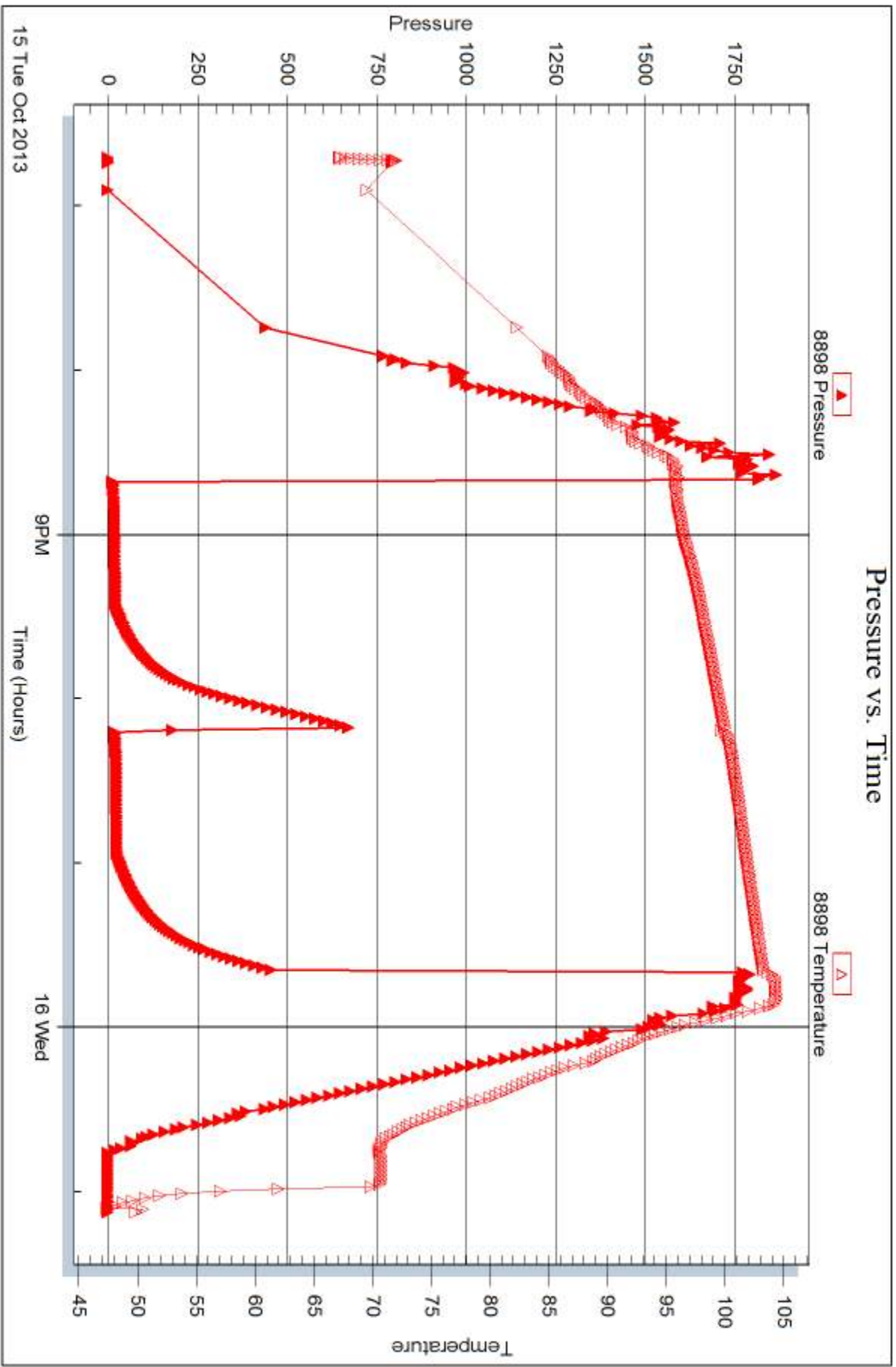


Serial #: 8898

Outside Dow n ing Nelson Oil Co Inc

Sharon Walker #2-13

DST Test Number: 2



Triobite Testing, Inc

Ref. No: 55833

Printed: 2013.11.19 @ 12:00:12



DRILL STEM TEST REPORT

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

PO Box 1019
Hays KS 67601

ATTN: Ron Nelson

Sharon Walker #2-13

13-12s-23w-Trego,KS

Start Date: 2013.11.16 @ 12:20:55

End Date: 2013.11.16 @ 18:59:04

Job Ticket #: 55834 DST #: 3

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2013.11.19 @ 11:59:32



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Dow ning Nelson Oil Co Inc

13-12s-23w-Trego,KS

PO Box 1019
Hays KS 67601

Sharon Walker #2-13

ATTN: Ron Nelson

Job Ticket: 55834

DST#: 3

Test Start: 2013.11.16 @ 12:20:55

GENERAL INFORMATION:

Formation: **LKC E-F**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 14:03:55

Time Test Ended: 18:59:04

Test Type: Conventional Straddle (Reset)

Tester: Tate Lang

Unit No: 49

Interval: 3756.00 ft (KB) To 3786.00 ft (KB) (TVD)

Reference Elevations: 2442.00 ft (KB)

Total Depth: 3890.00 ft (KB) (TVD)

2433.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 9.00 ft

Serial #: 8897

Inside

Press@RunDepth: 140.51 psig @ 3757.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.11.16

End Date: 2013.11.16

Last Calib.: 2013.11.16

Start Time: 12:20:56

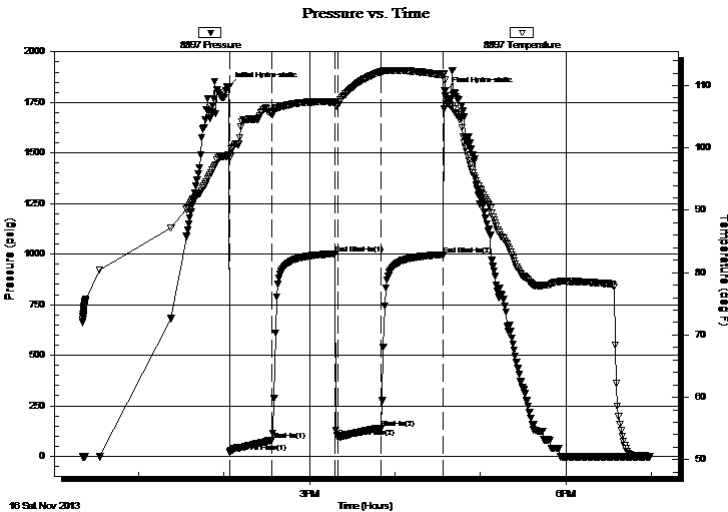
End Time: 18:59:05

Time On Btm: 2013.11.16 @ 14:03:35

Time Off Btm: 2013.11.16 @ 16:34:45

TEST COMMENT: BOB in 10 mins
Fair surface blow back built to 5" died back to 4 1/2"
BOB 15 mins
Fair surface blow built to 5"

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1829.20	98.90	Initial Hydro-static
1	19.59	98.31	Open To Flow (1)
31	80.33	105.38	Shut-In(1)
75	1001.97	107.35	End Shut-In(1)
77	95.54	106.78	Open To Flow (2)
107	140.51	112.23	Shut-In(2)
151	997.39	111.68	End Shut-In(2)
152	1805.60	110.91	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	5%G 5%O 80%W 10%M	0.58
60.00	10%G 15%O 55%W 20%M	0.84
120.00	15%G 30%O 25%W 30%M	1.68
35.00	30%G 50%O 10%W 10%M	0.49
5.00	10%G 90%O	0.07
0.00	500 GIP	0.00

* Recovery from multiple tests

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

13-12s-23w-Trego,KS

PO Box 1019
Hays KS 67601

Sharon Walker #2-13

Job Ticket: 55834

DST#: 3

ATTN: Ron Nelson

Test Start: 2013.11.16 @ 12:20:55

Tool Information

Drill Pipe:	Length: 3718.00 ft	Diameter: 3.80 inches	Volume: 52.15 bbl	Tool Weight: 2000.00 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: 29.00 ft	Diameter: 2.25 inches	Volume: 0.14 bbl	Weight to Pull Loose: 64000.00 lb
			<u>Total Volume: 52.29 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	18.00 ft			String Weight: Initial 56000.00 lb
Depth to Top Packer:	3756.00 ft			Final 58000.00 lb
Depth to Bottom Packer:	3786.00 ft			
Interval between Packers:	30.00 ft			
Tool Length:	166.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

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

Shut In Tool	5.00			3734.00	
Hydraulic tool	5.00			3739.00	
Jars	5.00			3744.00	
Safety Joint	2.00			3746.00	
Packer	5.00			3751.00	27.00 Bottom Of Top Packer
Packer	5.00			3756.00	
Stubb	1.00			3757.00	
Recorder	0.00	8897	Inside	3757.00	
Recorder	0.00	8898	Outside	3757.00	
Perforations	24.00			3781.00	
Blank Off Sub	1.00			3782.00	
Blank Spacing	4.00			3786.00	30.00 Tool Interval
Packer	5.00			3791.00	
Stubb	1.00			3792.00	
Perforations	2.00			3794.00	
Recorder	0.00	8354	Below	3794.00	
Change Over Sub	1.00			3795.00	
Blank Spacing	96.00			3891.00	
Change Over Sub	1.00			3892.00	
Bullnose	3.00			3895.00	109.00 Bottom Packers & Anchor

Total Tool Length: 166.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Downing Nelson Oil Co Inc

13-12s-23w-Trego,KS

PO Box 1019
Hays KS 67601

Sharon Walker #2-13

Job Ticket: 55834

DST#: 3

ATTN: Ron Nelson

Test Start: 2013.11.16 @ 12:20:55

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:

21000 ppm

Viscosity: 57.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.98 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
60.00	5%G 5%O 80%W 10%M	0.577
60.00	10%G 15%O 55%W 20%M	0.842
120.00	15%G 30%O 25%W 30%M	1.683
35.00	30%G 50%O 10%W 10%M	0.491
5.00	10%G 90%O	0.070
0.00	500 GIP	0.000

Total Length: 280.00 ft

Total Volume: 3.663 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

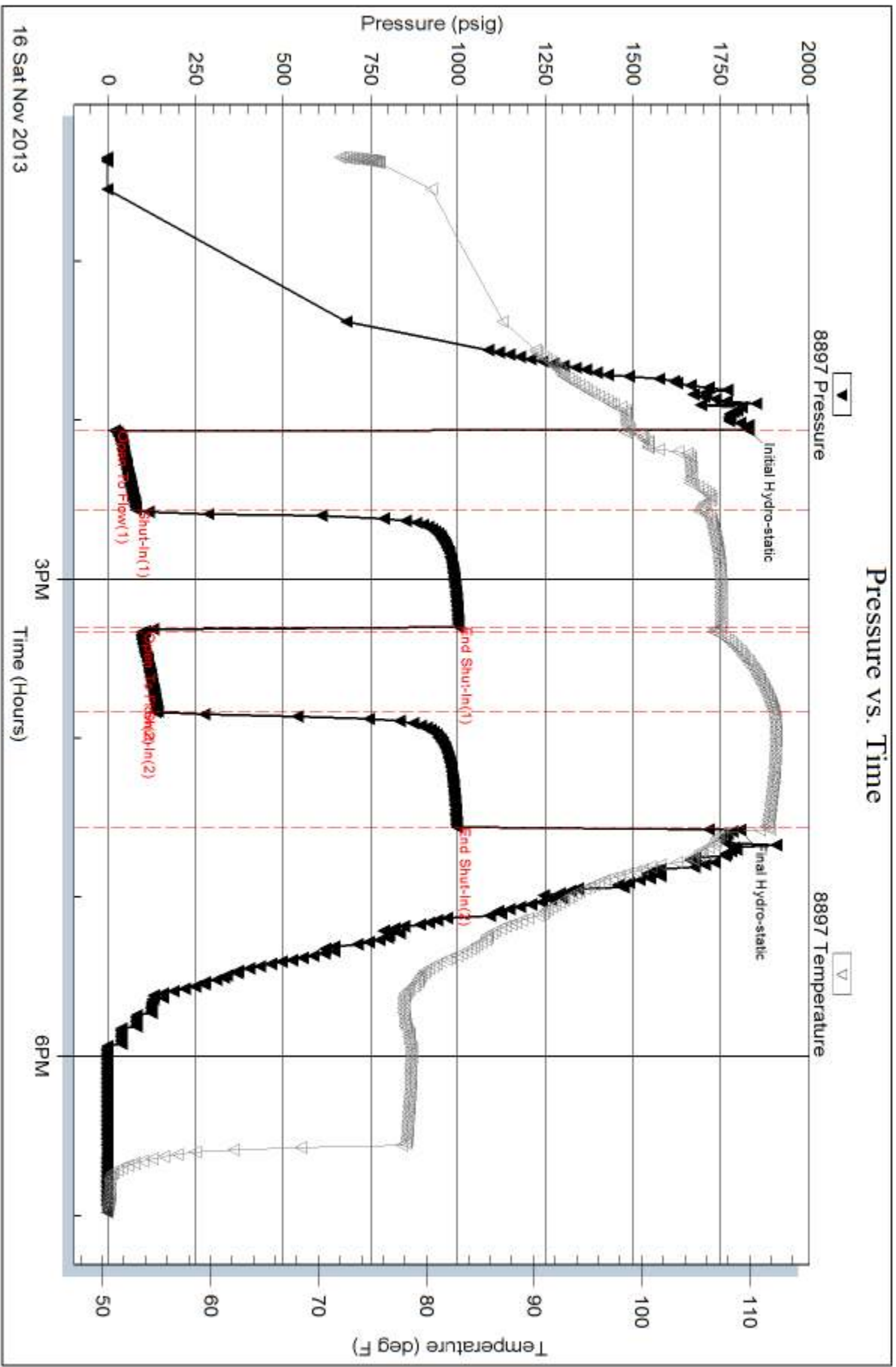
Serial #: 8897

Inside

Downing Nelson Oil Co Inc

Sharon Walker #2-13

DST Test Number: 3



Tribble Testing, Inc

Ref. No: 55834

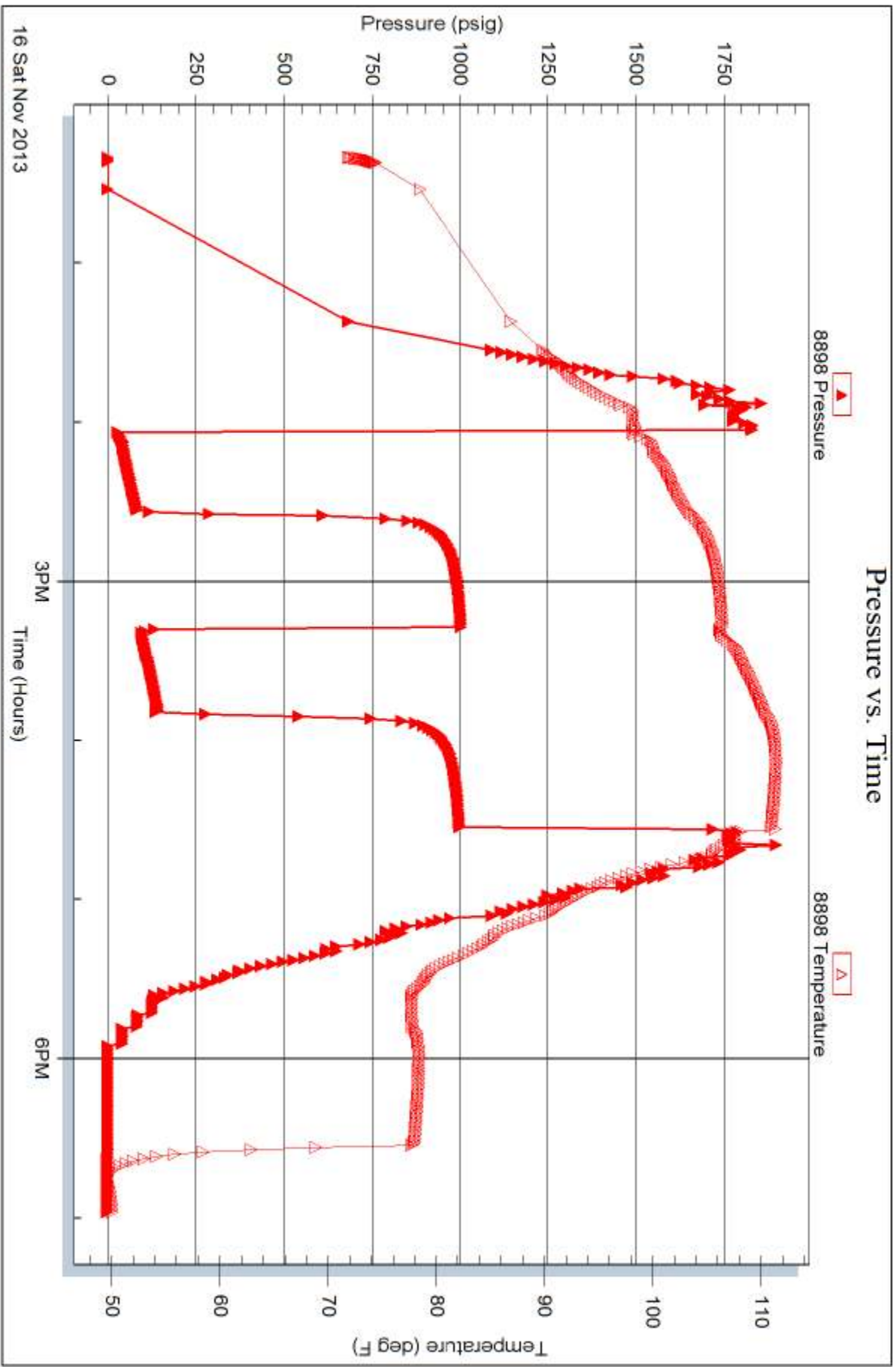
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Serial #: 8898

Outside Dow n/ing Nelson Oil Co Inc

Sharon Walker #2-13

DST Test Number: 3



Tribble Testing, Inc

Ref. No: 55834

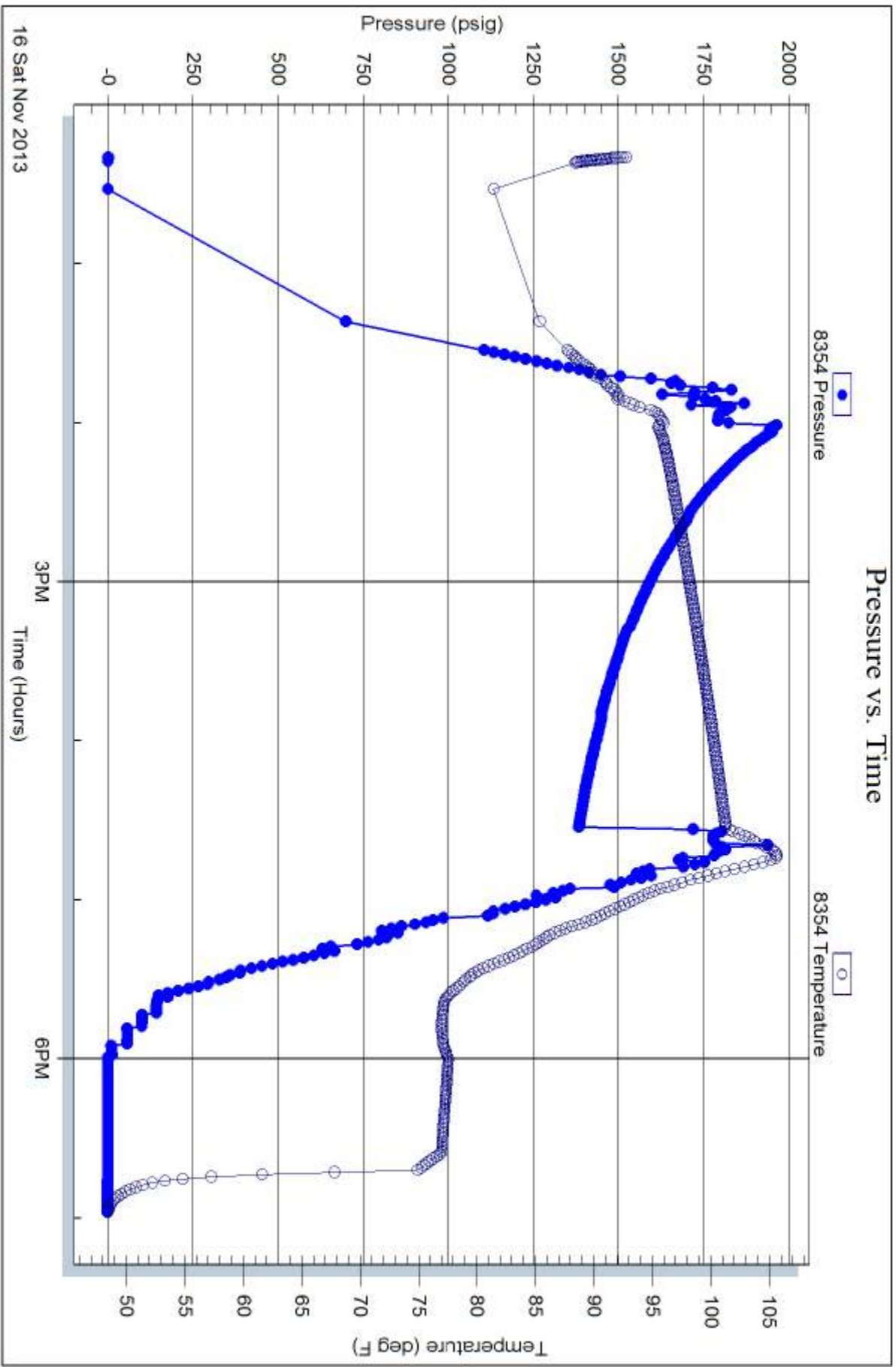
Printed: 2013.11.19 @ 11:59:35

Serial #: 8354

Below (Stratton)ing Nelson Oil Co Inc

Sharon Walker #2-13

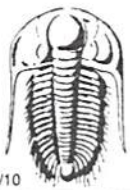
DST Test Number: 3



Triobite Testing, Inc

Ref. No: 55834

Printed: 2013.11.19 @ 11:59:35



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. **55832**

Well Name & No. Sharon Walker #2-12 Test No. 1 Date 11-15-13
 Company Downing-Nelson Oil Co TUC Elevation 2442 KB 2433 GL
 Address PO Box 1019 Hays KS 67601
 Co. Rep / Geo. Gator Rig Discovery #1
 Location: Sec. 13 Twp. 12S Rge. 23W Co. Trego State KS

Interval Tested 3717 3760 Zone Tested 2MC C+D
 Anchor Length 43 Drill Pipe Run 3094 Mud Wt. 8.6
 Top Packer Depth 3713 Drill Collars Run 29 Vis 58
 Bottom Packer Depth 3717 Wt. Pipe Run 0 WL 8.0
 Total Depth 3760 Chlorides 1250 ppm System LCM 3 1/2 #

Blow Description Fair surface blow built to 5 in
Dead no blow back
Fair surface blow built to 5 in
Dead no blow back

Rec	Feet of	%gas	%oil	%water	%mud
<u>80</u>	<u>0CM</u>		<u>10</u>		<u>90</u>
<u>0</u>	<u>40 GIP</u>	<u>100</u>			

Rec Total 80 BHT 106 Gravity - API RW - @ - °F Chlorides - ppm

(A) Initial Hydrostatic 1794 Test 1150 T-On Location 04:53
 (B) First Initial Flow 14 Jars T-Started 06:28
 (C) First Final Flow 37 Safety Joint T-Open 08:16
 (D) Initial Shut-In 848 Circ Sub T-Pulled 11:16
 (E) Second Initial Flow 40 Hourly Standby T-Out 12:48
 (F) Second Final Flow 51 Mileage 60 R/T 93 Comments _____
 (G) Final Shut-In 844 Sampler _____
 (H) Final Hydrostatic 1803 Straddle _____
 Shale Packer _____
 Ruined Shale Packer _____
 Ruined Packer _____
 Extra Copies _____

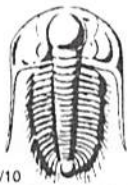
Initial Open 45
 Initial Shut-In 45
 Final Flow 45
 Final Shut-In 45

Sub Total 0
 Total 1243
 MP/DST Disc't _____

Sub Total 1243

Approved By _____ Our Representative [Signature]

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. 55833

Well Name & No. Sharon Walker #2-13 Test No. 2 Date 11-15-13
 Company Downing-Nelson Oil Co TXC Elevation 2442 KB 2433 GL
 Address PO Box 1019 Hays KS 67601
 Co. Rep / Geo. Center Rig Discovery #1
 Location: Sec. B Twp. 12S Rge. 23W Co. Trego State KS

Interval Tested 3756 ~~3775~~ Zone Tested LHC F Zone
 Anchor Length 19 Drill Pipe Run 3719 Mud Wt. 8.9
 Top Packer Depth 3752 Drill Collars Run 29 Vis 57
 Bottom Packer Depth 3756 Wt. Pipe Run 0 WL 8.0
 Total Depth 3775 Chlorides 2000 ppm System LCM 2 1/2*

Blow Description Fair surface blow built to 4 1/2 in
Dead No blow back
Fair surface blow built to 6 in
Dead No blow back

Rec	Feet of	%gas	%oil	%water	%mud
Rec <u>40</u>	Feet of <u>156 MCO</u>	<u>2</u>	<u>50</u>	<u>48</u>	
Rec <u>0</u>	Feet of <u>80 GIP</u>	<u>100</u>			
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 40 BHT 105 Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic 1857 Test 1150 T-On Location 18:45
 (B) First Initial Flow 11 Jars _____ T-Started 19:42
 (C) First Final Flow 20 Safety Joint _____ T-Open 20:40
 (D) Initial Shut-In 684 Circ Sub _____ T-Pulled 23:40
 (E) Second Initial Flow 14 Hourly Standby _____ T-Out 01:06
 (F) Second Final Flow 23 Mileage 60RH 93 Comments _____
 (G) Final Shut-In 462 Sampler _____
 (H) Final Hydrostatic 1790 Straddle _____ Ruined Shale Packer _____
 Shale Packer _____ Ruined Packer _____

Initial Open 45 Extra Packer _____ Extra Copies _____
 Initial Shut-In 45 Extra Recorder _____ Sub Total 0
 Final Flow 45 Day Standby _____ Total 1243
 Final Shut-In 45 Accessibility _____ MP/DST Disc't _____
 Sub Total 1243

Approved By _____ Our Representative [Signature] Thanks

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. 55834

Well Name & No. Sharon Walker #2-13 Test No. 3 Date 11-16-13
 Company Downing-Nelson Oil Co INC Elevation 2442 KB 2433 GL
 Address PO Box 1019 Hays KS 67601
 Co. Rep / Geo. Gutar Rig Discovery #1
 Location: Sec. 13 Twp. 12.5 Rge. 27W Co. Trego State KS

Interval Tested 3756 3786 Zone Tested Lansing E&F
 Anchor Length 30' 104 Tail Drill Pipe Run 3718 Mud Wt. 8.9
 Top Packer Depth 3752 Drill Collars Run 29 Vis 57
 Bottom Packer Depth 3756 Wt. Pipe Run 0 WL 8.0
 Total Depth 3890 Chlorides 2000 ppm System LCM 2 1/2

Blow Description B.O. in 10 mins
Fair surface blow back built to 5 1/2 in died back to 4 in
B.O. in 15 mins
Fair surface blow built to 5 in.

Rec	Feet of	%gas	%oil	%water	%mud
<u>5</u>	<u>GO</u>	<u>10</u>	<u>90</u>		
<u>35</u>	<u>GWMC0</u>	<u>30</u>	<u>50</u>	<u>18</u>	<u>10</u>
<u>120</u>	<u>VSMWLG0</u>	<u>15</u>	<u>30</u>	<u>25</u>	<u>30</u>
<u>60</u>	<u>MGOCW</u>	<u>10</u>	<u>15</u>	<u>55</u>	<u>20</u>
<u>60</u>	<u>VSMGOCW / 500GP</u>	<u>5</u>	<u>5</u>	<u>80</u>	<u>50</u>
<u>280</u>	<u>BHT 112</u>	<u>Gravity</u>	<u>API RW 501 @ 55° F</u>	<u>Chlorides 2000</u>	<u>ppm</u>

(A) Initial Hydrostatic 1829 Test 1150 T-On Location 11:30
 (B) First Initial Flow 20 Jars T-Started 12:20
 (C) First Final Flow 80 Safety Joint T-Open 14:04
 (D) Initial Shut-In 1002 Circ Sub T-Pulled 16:34
 (E) Second Initial Flow 96 Hourly Standby T-Out 18:58
 (F) Second Final Flow 141 Mileage 60 R/T X2 144.15 Comments Loaded @
 (G) Final Shut-In 2997 Sampler 06:30 on 11-18-13
 (H) Final Hydrostatic 1806 Straddle 600 Ruined Shale Packer
 Shale Packer Ruined Packer
 Extra Packer Extra Copies

Initial Open 30
 Initial Shut-In 45
 Final Flow 30
 Final Shut-In 45
 Sub Total 800
 Total 2694.15
 Sub Total 1894.15
 MP/DST Disc't

Approved By _____ Our Representative [Signature]
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