



## DRILL STEM TEST REPORT

Prepared For: **Novy Oil & Gas**

PO Box 559  
Goddard KS 67052

ATTN: David Goldak

### **Wallace #1**

### **22-23s-10w Reno,KS**

Start Date: 2012.05.19 @ 23:50:29

End Date: 2012.05.20 @ 07:37:44

Job Ticket #: 47533                      DST #: 1

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

Printed: 2012.05.23 @ 10:33:07



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

Novy Oil & Gas

**22-23s-10w Reno,KS**

PO Box 559  
Goddard KS 67052

**Wallace #1**

Job Ticket: 47533

**DST#: 1**

ATTN: David Goldak

Test Start: 2012.05.19 @ 23:50:29

## GENERAL INFORMATION:

Formation: **Viola**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 01:40:59

Time Test Ended: 07:37:44

Test Type: Conventional Bottom Hole (Initial)

Tester: Gary Pevoteaux

Unit No: 56

**Interval: 3779.00 ft (KB) To 3784.00 ft (KB) (TVD)**

Reference Elevations: 1778.00 ft (KB)

Total Depth: 3784.00 ft (KB) (TVD)

1769.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 9.00 ft

**Serial #: 8352 Outside**

Press @ Run Depth: 17.01 psig @ 3780.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.05.19

End Date:

2012.05.20

Last Calib.:

2012.05.20

Start Time: 23:50:34

End Time:

07:37:43

Time On Btm:

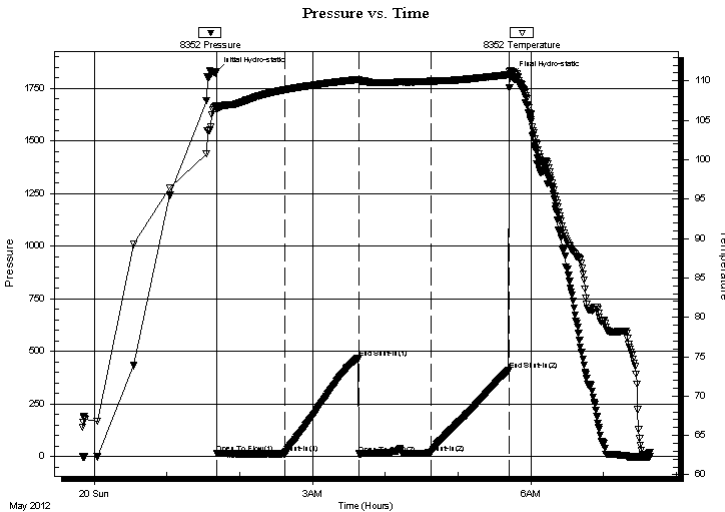
2012.05.20 @ 01:40:44

Time Off Btm:

2012.05.20 @ 05:43:59

**TEST COMMENT:** IF: Fair blow . Increase to 7".  
IS: No blow .  
FF: Fair to strong blow . B.O.B. in 30 mins.  
FS: No blow .

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1828.86	106.84	Initial Hydro-static
1	16.34	106.35	Open To Flow (1)
57	13.26	108.87	Shut-In(1)
117	468.90	110.19	End Shut-In(1)
118	12.16	109.97	Open To Flow (2)
177	17.01	109.97	Shut-In(2)
241	410.26	110.80	End Shut-In(2)
244	1809.72	111.27	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
15.00	GOCM 8%g 18%o 74%m	0.21
0.00	540 ft.of GIP	0.00

## Gas Rates

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





**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Novy Oil & Gas

**22-23s-10w Reno,KS**

PO Box 559  
Goddard KS 67052

**Wallace #1**

Job Ticket: 47533

**DST#: 1**

ATTN: David Goldak

Test Start: 2012.05.19 @ 23:50:29

## Tool Information

Drill Pipe:	Length: 3757.00 ft	Diameter: 3.80 inches	Volume: 52.70 bbl	Tool Weight: 2400.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 24000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 44000.00 lb
			<u>Total Volume: 52.70 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	6.00 ft			String Weight: Initial 37000.00 lb
Depth to Top Packer:	3779.00 ft			Final 37000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	5.00 ft			
Tool Length:	33.00 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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C.O. Sub	1.00			3752.00	
Shut in tool	5.00			3757.00	
HMV	5.00			3762.00	
Jars	5.00			3767.00	
Safety Joint	3.00			3770.00	
Packer	4.00			3774.00	28.00 Bottom Of Top Packer
Packer	5.00			3779.00	
Stubb	1.00			3780.00	
Recorder	0.00	8370	Inside	3780.00	
Recorder	0.00	8352	Outside	3780.00	
Perforations	2.00			3782.00	
Bullnose	2.00			3784.00	5.00 Bottom Packers & Anchor

**Total Tool Length: 33.00**



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Novy Oil & Gas

**22-23s-10w Reno,KS**

PO Box 559  
Goddard KS 67052

**Wallace #1**

Job Ticket: 47533

**DST#: 1**

ATTN: David Goldak

Test Start: 2012.05.19 @ 23:50:29

## 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:

bbbl

Water Loss: 9.18 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 5100.00 ppm

Filter Cake: 0.20 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
15.00	GOCM 8%g 18%o 74%m	0.210
0.00	540 ft.of GIP	0.000

Total Length: 15.00 ft      Total Volume: 0.210 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #: none

Laboratory Name:

Laboratory Location:

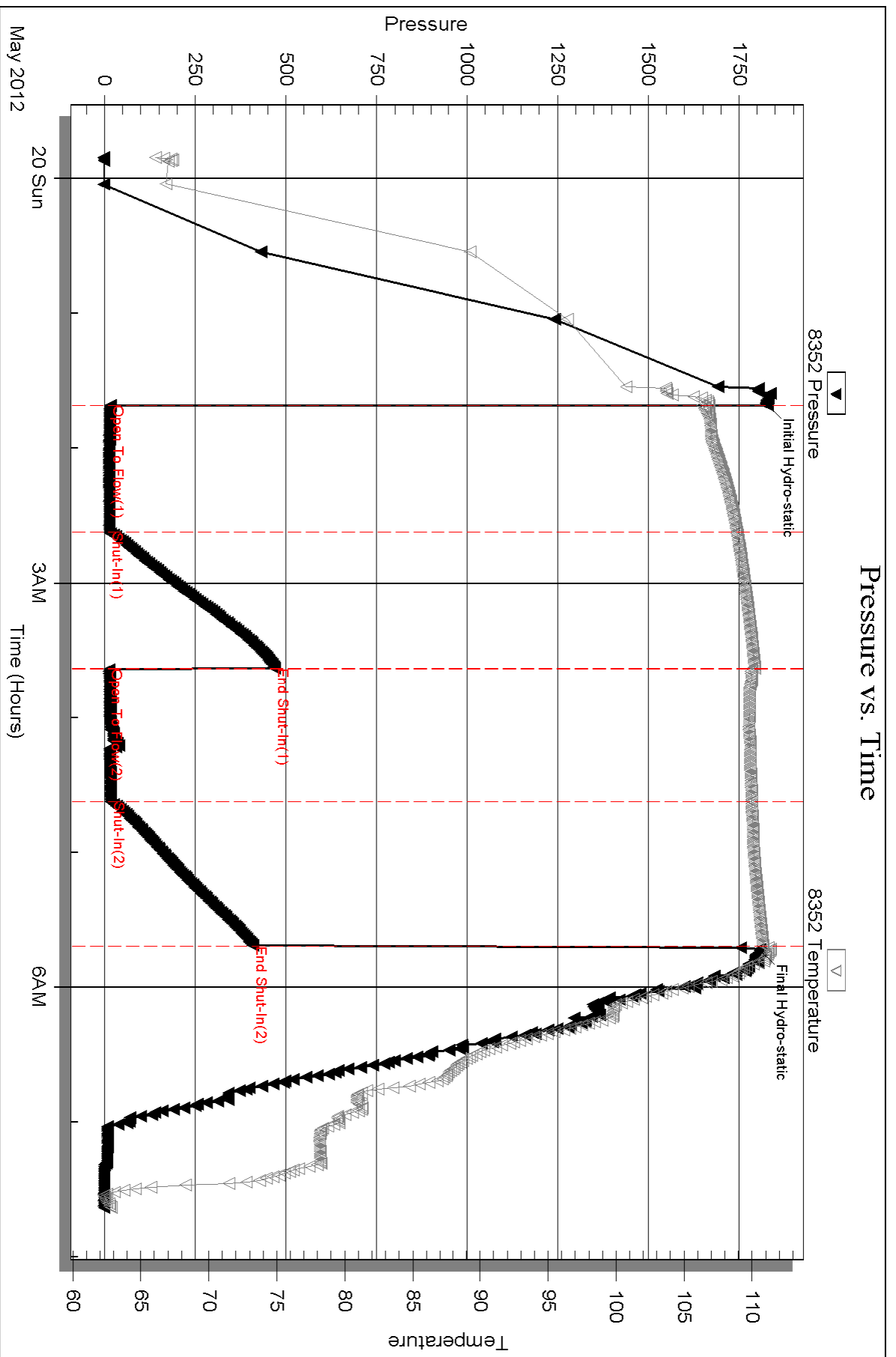
Recovery Comments:

Serial #: 8352

Outside Novy Oil & Gas

Wallace #1

DST Test Number: 1



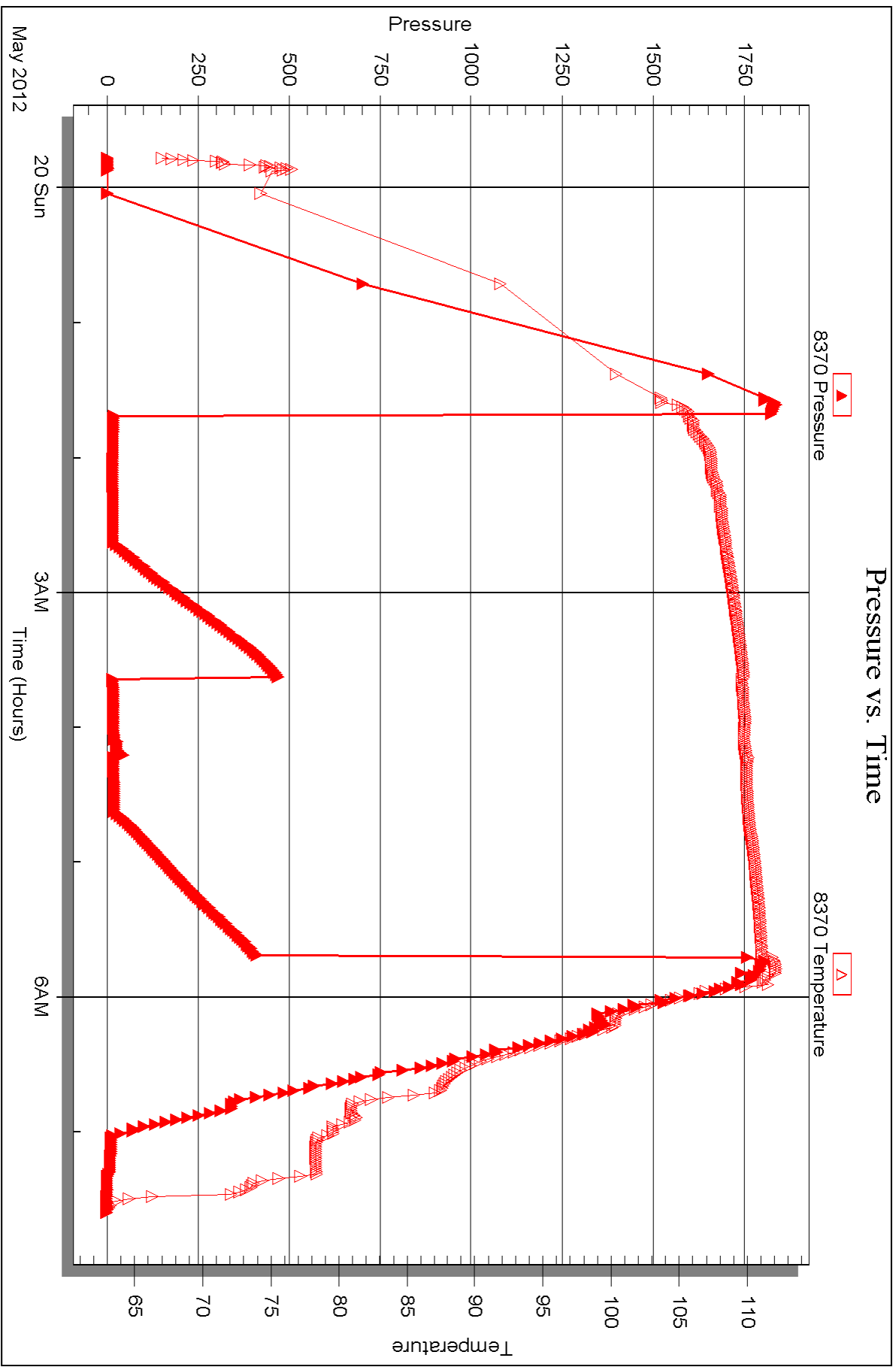
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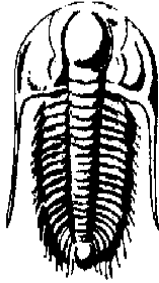
Inside

Novy Oil & Gas

Wallace #1

DST Test Number: 1





**TRILOBITE**  
**TESTING, INC.**

## DRILL STEM TEST REPORT

Prepared For: **Novy Oil & Gas**

PO Box 559  
Goddard KS 67052

ATTN: David Goldak

### **Wallace #1**

### **22-23s-10w Reno,KS**

Start Date: 2012.05.20 @ 13:24:49

End Date: 2012.05.20 @ 19:07:34

Job Ticket #: 47534                      DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2012.05.23 @ 10:32:19

Novy Oil & Gas  
22-23s-10w Reno,KS  
Wallace #1  
DST # 2  
Viola  
2012.05.20





**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Novy Oil & Gas

**22-23s-10w Reno,KS**

PO Box 559  
Goddard KS 67052

**Wallace #1**

Job Ticket: 47534

**DST#: 2**

ATTN: David Goldak

Test Start: 2012.05.20 @ 13:24:49

## GENERAL INFORMATION:

Formation: **Viola**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 14:57:19

Time Test Ended: 19:07:34

Test Type: Conventional Bottom Hole (Reset)

Tester: Gary Pevoteaux

Unit No: 56

**Interval: 3784.00 ft (KB) To 3788.00 ft (KB) (TVD)**

Reference Elevations: 1778.00 ft (KB)

Total Depth: 3788.00 ft (KB) (TVD)

1769.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 9.00 ft

**Serial #: 8352 Outside**

Press @ Run Depth: 21.07 psig @ 3785.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.05.20 End Date: 2012.05.20

Last Calib.: 2012.05.20

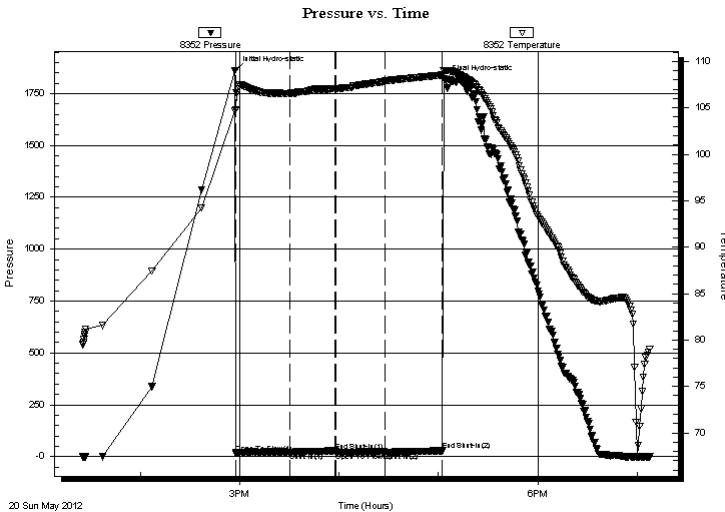
Start Time: 13:24:54 End Time: 19:07:33

Time On Btm: 2012.05.20 @ 14:57:04

Time Off Btm: 2012.05.20 @ 17:03:49

**TEST COMMENT:** IF:Weak blow . (Surface) Dead in 10 mins.  
IS:No blow .  
FF:No blow . Flushed tool 9 mins.in to FFP. No blow .  
FS:No blow .

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1861.70	104.69	Initial Hydro-static
1	17.42	104.81	Open To Flow (1)
33	21.43	106.56	Shut-In(1)
61	26.89	107.05	End Shut-In(1)
61	21.71	107.06	Open To Flow (2)
91	21.07	107.87	Shut-In(2)
126	28.33	108.53	End Shut-In(2)
127	1816.96	109.02	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
2.00	Mud w oil specs	0.03

\* Recovery from multiple tests

## Gas Rates

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





**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Novy Oil & Gas

**22-23s-10w Reno,KS**

PO Box 559  
Goddard KS 67052

**Wallace #1**

Job Ticket: 47534

**DST#: 2**

ATTN: David Goldak

Test Start: 2012.05.20 @ 13:24:49

## Tool Information

Drill Pipe:	Length: 3760.00 ft	Diameter: 3.80 inches	Volume: 52.74 bbl	Tool Weight: 2400.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 24000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 65000.00 lb
			<u>Total Volume: 52.74 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	4.00 ft			String Weight: Initial 38000.00 lb
Depth to Top Packer:	3784.00 ft			Final 38000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	4.00 ft			
Tool Length:	32.00 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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C.O. Sub	1.00			3757.00	
Shut in tool	5.00			3762.00	
HMV	5.00			3767.00	
Jars	5.00			3772.00	
Safety Joint	3.00			3775.00	
Packer	4.00			3779.00	28.00 Bottom Of Top Packer
Packer	5.00			3784.00	
Stubb	1.00			3785.00	
Recorder	0.00	8370	Inside	3785.00	
Recorder	0.00	8352	Outside	3785.00	
Perforations	1.00			3786.00	
Bullnose	2.00			3788.00	4.00 Bottom Packers & Anchor

**Total Tool Length: 32.00**



**TRILOBITE  
TESTING, INC.**

**DRILL STEM TEST REPORT**

**FLUID SUMMARY**

Novy Oil & Gas

**22-23s-10w Reno,KS**

PO Box 559  
Goddard KS 67052

**Wallace #1**

Job Ticket: 47534

**DST#: 2**

ATTN: David Goldak

Test Start: 2012.05.20 @ 13:24:49

**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:

5600 ppm

Viscosity: 46.00 sec/qt

Cushion Volume:

bbf

Water Loss: 9.58 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 5600.00 ppm

Filter Cake: 0.20 inches

**Recovery Information**

Recovery Table

Length ft	Description	Volume bbf
2.00	Mud w oil specs	0.028

Total Length: 2.00 ft      Total Volume: 0.028 bbf

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #: none

Laboratory Name:

Laboratory Location:

Recovery Comments:

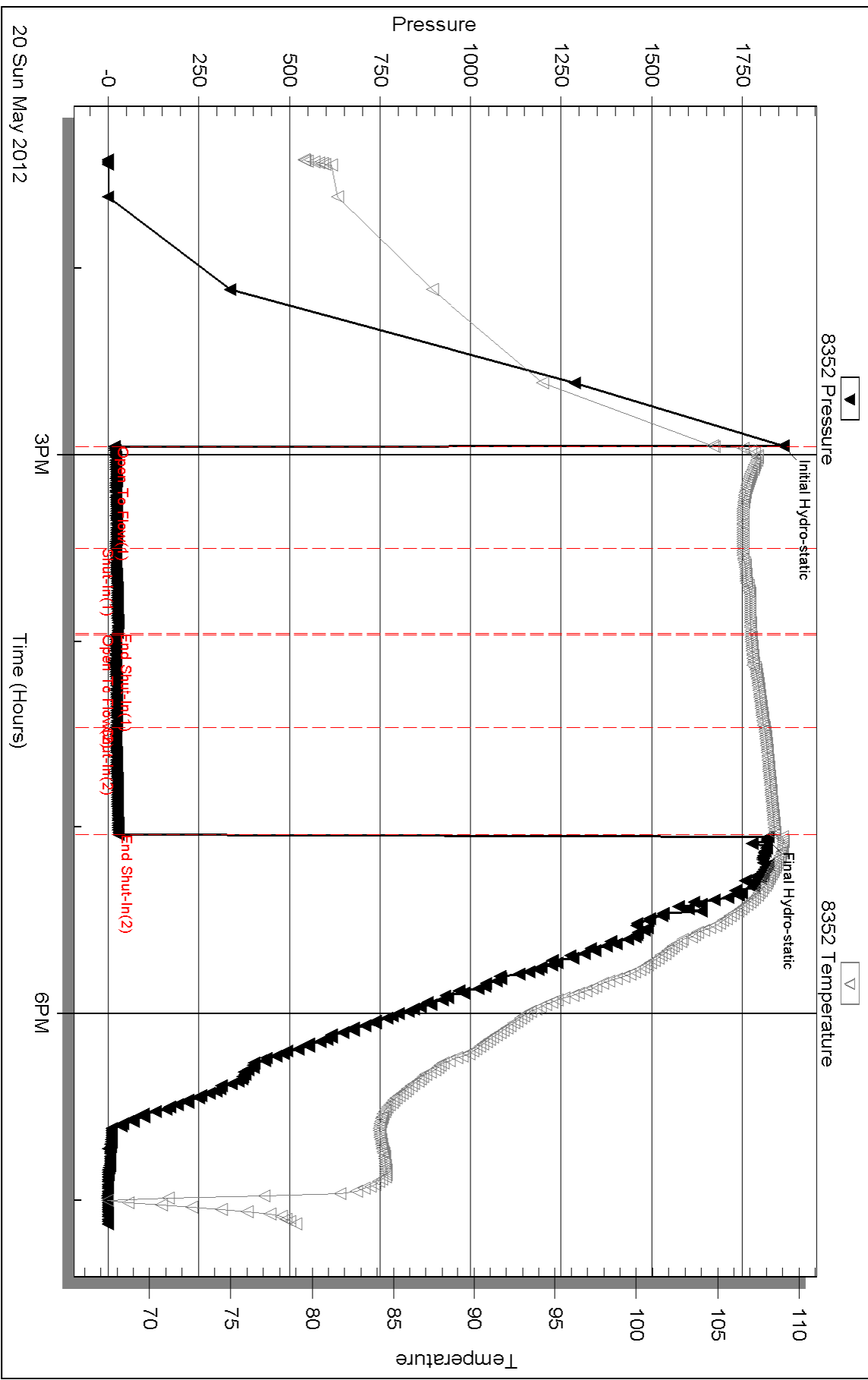
Serial #: 8352

Outside Novy Oil & Gas

Wallace #1

DST Test Number: 2

# Pressure vs. Time



Triobite Testing, Inc

Ref. No: 47534

Printed: 2012.05.23 @ 10:32:21

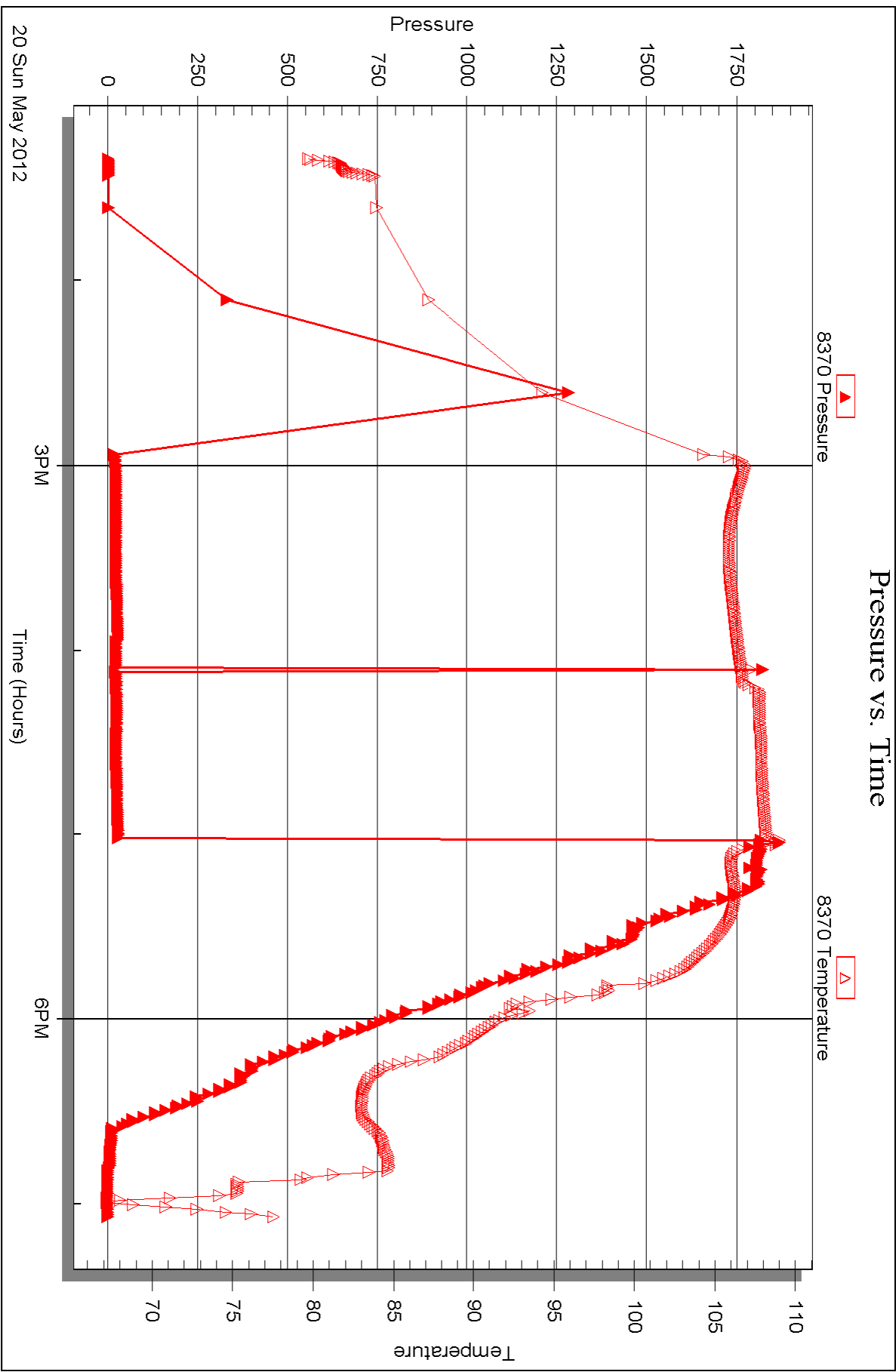
Serial #: 8370

Inside

Novy Oil & Gas

Wallace #1

DST Test Number: 2





## DRILL STEM TEST REPORT

Prepared For: **Novy Oil & Gas**

PO Box 559  
Goddard KS 67052

ATTN: David Goldak

### **Wallace #1**

### **22-23s-10w Reno,KS**

Start Date: 2012.05.21 @ 02:19:38

End Date: 2012.05.21 @ 10:43:53

Job Ticket #: 47535                      DST #: 3

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

Printed: 2012.05.23 @ 10:31:36

Novy Oil & Gas  
22-23s-10w Reno,KS  
Wallace #1  
DST # 3  
Viola  
2012.05.21



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Novy Oil & Gas

**22-23s-10w Reno,KS**

PO Box 559  
Goddard KS 67052

**Wallace #1**

Job Ticket: 47535

**DST#: 3**

ATTN: David Goldak

Test Start: 2012.05.21 @ 02:19:38

## GENERAL INFORMATION:

Formation: **Viola**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 04:11:08

Time Test Ended: 10:43:53

Test Type: Conventional Bottom Hole (Reset)

Tester: Gary Pevoteaux

Unit No: 56

**Interval: 3785.00 ft (KB) To 3794.00 ft (KB) (TVD)**

Reference Elevations: 1778.00 ft (KB)

Total Depth: 3794.00 ft (KB) (TVD)

1769.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Poor

KB to GR/CF: 9.00 ft

**Serial #: 8352 Outside**

Press @ Run Depth: 572.53 psig @ 3786.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.05.21

End Date:

2012.05.21

Last Calib.:

2012.05.21

Start Time: 02:19:43

End Time:

10:43:52

Time On Btm:

2012.05.21 @ 04:09:53

Time Off Btm:

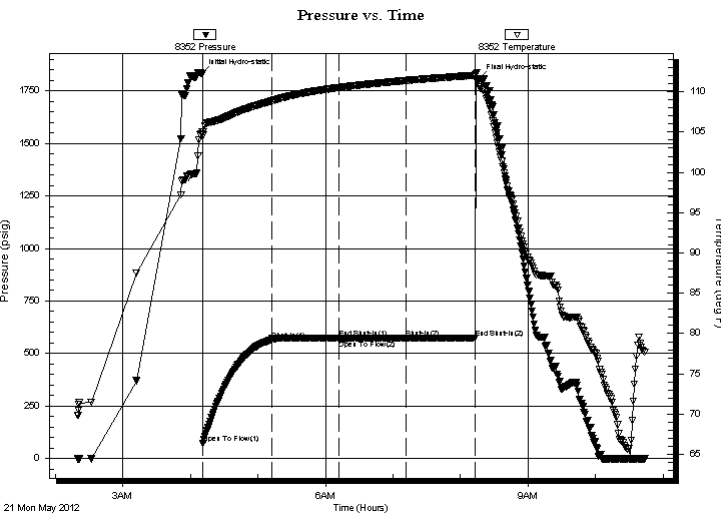
2012.05.21 @ 08:16:23

**TEST COMMENT:** IF: Strong blow . B.O.B. in 2 mins. Blow decreasing 45 - 50 mins. into IFP.

IS: No blow .

FF: Weak blow . 1" decreasing

FS: No blow .



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1832.98	104.88	Initial Hydro-static
2	73.11	104.60	Open To Flow (1)
63	564.87	108.89	Shut-In(1)
122	572.51	110.53	End Shut-In(1)
123	565.50	110.53	Open To Flow (2)
182	572.53	111.40	Shut-In(2)
244	572.61	112.06	End Shut-In(2)
247	1807.18	110.68	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
0.00	250 ft. of Gas in pipe	0.00
65.00	SOCWM 2%o 47%w 51%m	0.91
1185.00	GCW 4%g 96%w /Rw .12ohms @73deg	16.62

\* Recovery from multiple tests

## Gas Rates

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





**TRILOBITE  
TESTING, INC.**

**DRILL STEM TEST REPORT**

Novy Oil & Gas

**22-23s-10w Reno,KS**

PO Box 559  
Goddard KS 67052

**Wallace #1**

Job Ticket: 47535

**DST#: 3**

ATTN: David Goldak

Test Start: 2012.05.21 @ 02:19:38

**GENERAL INFORMATION:**

Formation: **Viola**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 04:11:08

Time Test Ended: 10:43:53

Test Type: Conventional Bottom Hole (Reset)

Tester: Gary Pevoteaux

Unit No: 56

Interval: **3785.00 ft (KB) To 3794.00 ft (KB) (TVD)**

Reference Elevations: 1778.00 ft (KB)

Total Depth: 3794.00 ft (KB) (TVD)

1769.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Poor

KB to GR/CF: 9.00 ft

**Serial #: 8370 Inside**

Press @ Run Depth: psig @ 3786.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.05.21

End Date:

2012.05.21

Last Calib.:

2012.05.21

Start Time: 02:14:39

End Time:

10:40:33

Time On Btm:

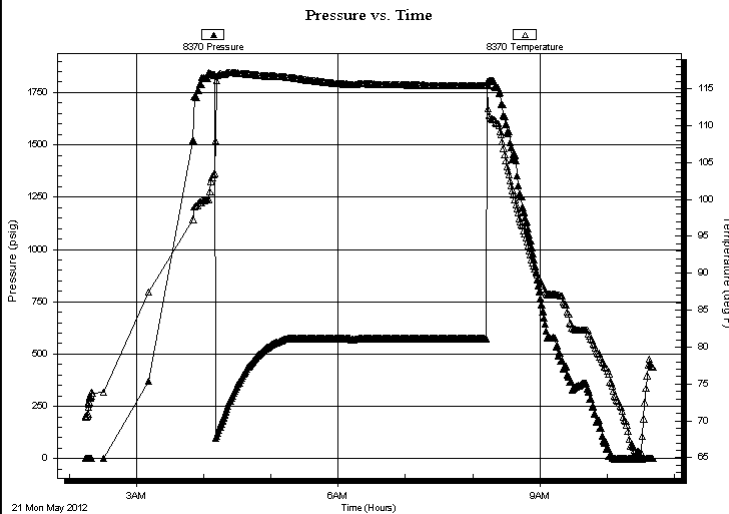
Time Off Btm:

**TEST COMMENT:** IF: Strong blow . B.O.B. in 2 mins. Blow decreasing 45 - 50 mins. into IFP.

IS: No blow .

FF: Weak blow . 1" decreasing

FS: No blow .



**PRESSURE SUMMARY**

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

**Recovery**

Length (ft)	Description	Volume (bbl)
0.00	250 ft. of Gas in pipe	0.00
65.00	SOCWM 2%o 47%w 51%m	0.91
1185.00	G CW 4%g 96%w /Rw .12ohms @73deg	16.62

**Gas Rates**

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

\* Recovery from multiple tests



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Novy Oil & Gas

**22-23s-10w Reno,KS**

PO Box 559  
Goddard KS 67052

**Wallace #1**

Job Ticket: 47535

**DST#: 3**

ATTN: David Goldak

Test Start: 2012.05.21 @ 02:19:38

## Tool Information

Drill Pipe:	Length: 3760.00 ft	Diameter: 3.80 inches	Volume: 52.74 bbl	Tool Weight:	2400.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer:	24000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose:	72000.00 lb
			<u>Total Volume: 52.74 bbl</u>	Tool Chased	1.00 ft
Drill Pipe Above KB:	3.00 ft			String Weight: Initial	37000.00 lb
Depth to Top Packer:	3785.00 ft			Final	42000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	9.00 ft				
Tool Length:	37.00 ft				
Number of Packers:	2	Diameter: 6.75 inches			
Tool Comments:					

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

C.O. Sub	1.00			3758.00	
Shut in tool	5.00			3763.00	
HMV	5.00			3768.00	
Jars	5.00			3773.00	
Safety Joint	3.00			3776.00	
Packer	4.00			3780.00	28.00 Bottom Of Top Packer
Packer	5.00			3785.00	
Stubb	1.00			3786.00	
Recorder	0.00	8370	Inside	3786.00	
Recorder	0.00	8352	Outside	3786.00	
Perforations	3.00			3789.00	
Bullnose	5.00			3794.00	9.00 Bottom Packers & Anchor

**Total Tool Length: 37.00**



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Novy Oil & Gas

**22-23s-10w Reno,KS**

PO Box 559  
Goddard KS 67052

**Wallace #1**

Job Ticket: 47535

**DST#: 3**

ATTN: David Goldak

Test Start: 2012.05.21 @ 02:19:38

## 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: 61000 ppm	
Viscosity: 46.00 sec/qt	Cushion Volume: bbl		
Water Loss: 9.59 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 5600.00 ppm			
Filter Cake: 0.20 inches			

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	250 ft. of Gas in pipe	0.000
65.00	SOCWM 2%o 47%w 51%m	0.912
1185.00	GCW 4%g 96%w /Rw .12ohms @73deg	16.622

Total Length: 1250.00 ft      Total Volume: 17.534 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #: none

Laboratory Name:

Laboratory Location:

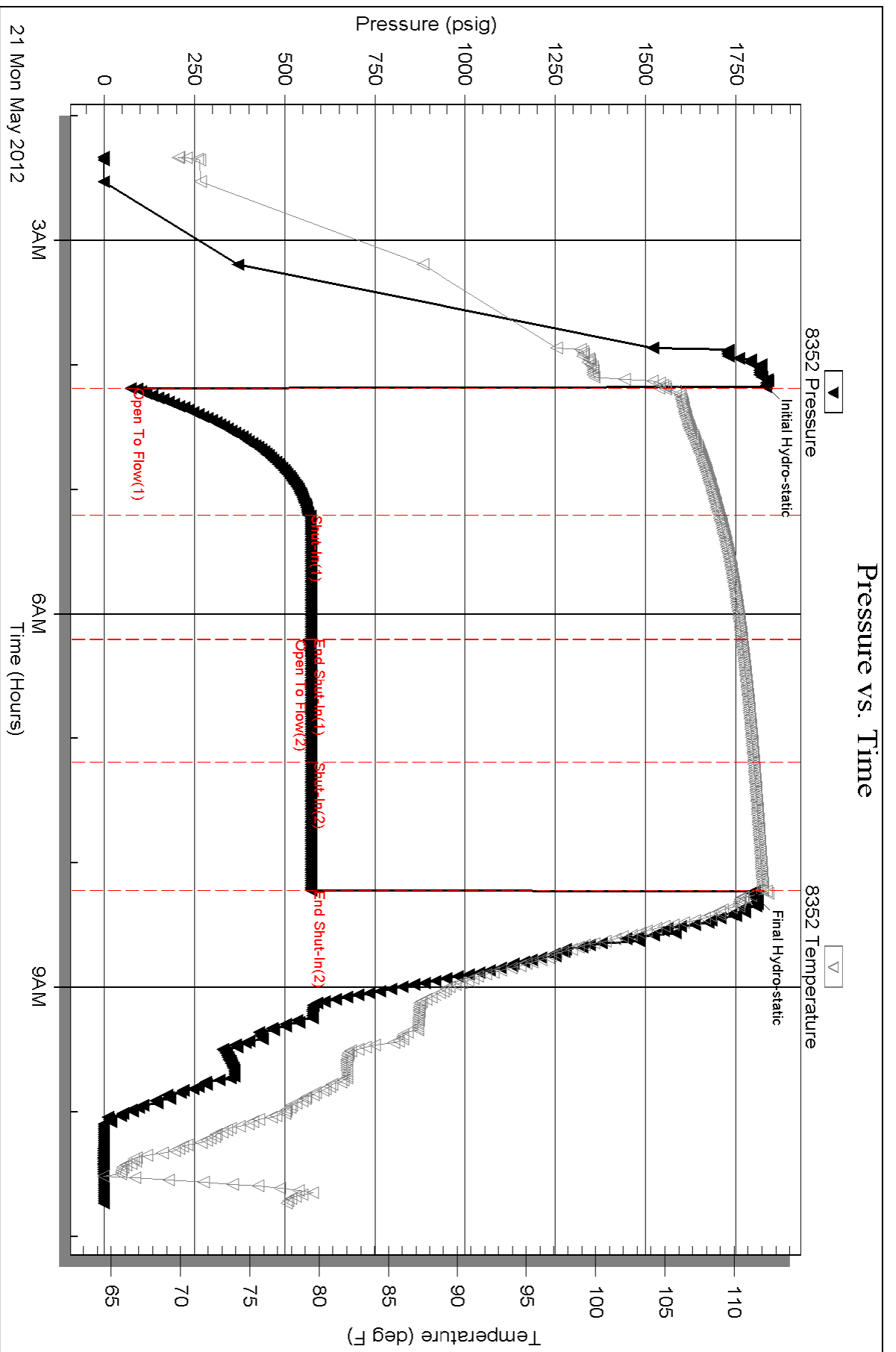
Recovery Comments:

Serial #: 8352

Outside Novy Oil & Gas

Wallace #1

DST Test Number: 3



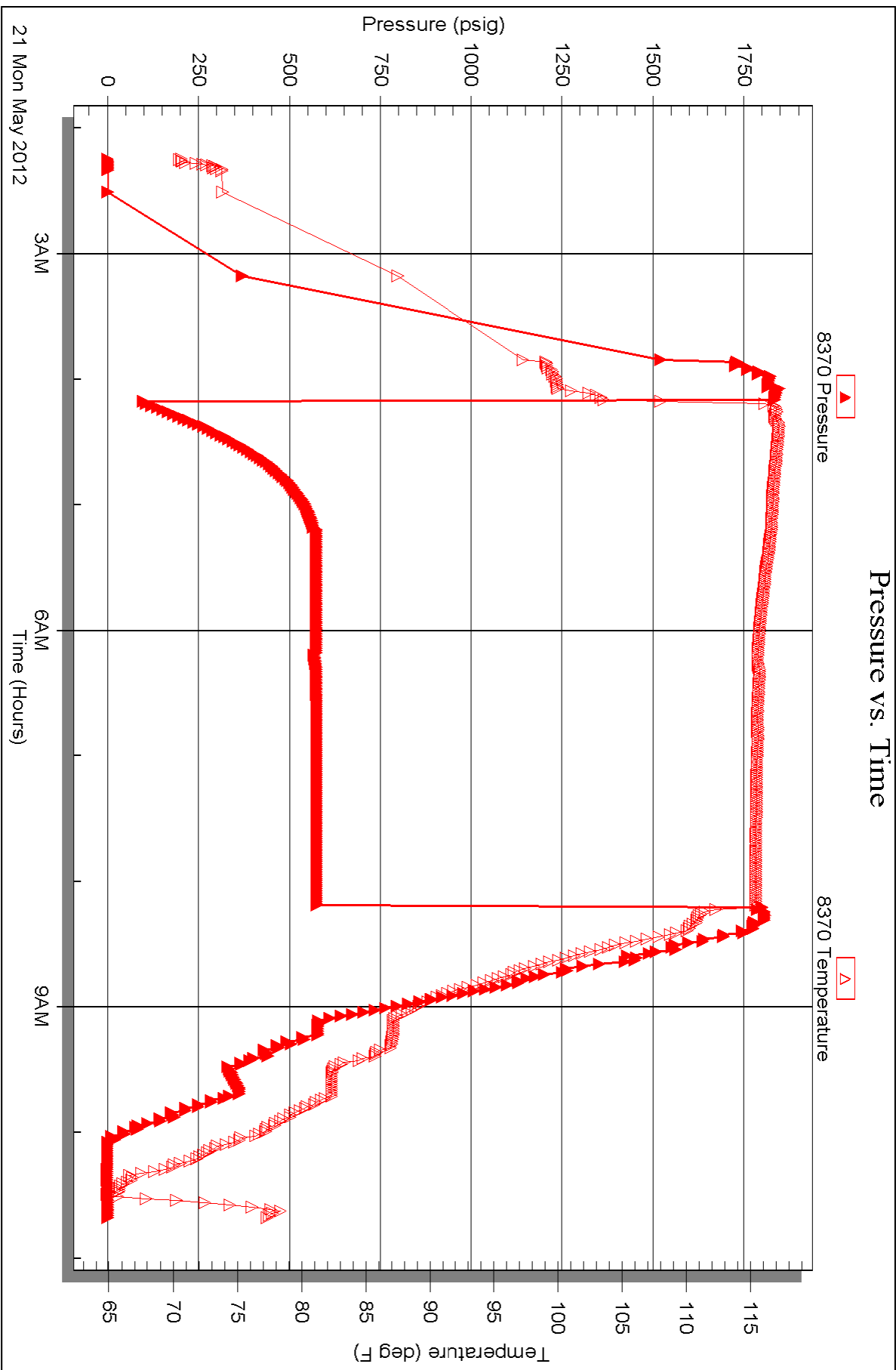
Serial #: 8370

Inside

Novy Oil & Gas

Wallace #1

DST Test Number: 3





# TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

## Test Ticket

NO. 47533

4/10

Well Name & No. WALLACE #1 Test No. 1 Date 5-19-12  
 Company NOVA OIL & GAS Elevation 1778 KB 1769 GL  
 Address P.O. Box 559, GODDARD KS. 67052  
 Co. Rep / Geo. DAVID GOLDAK Rig LANDMARK DRILG. #6  
 Location: Sec. 22 Twp. 23S Rge. 10 W Co. RENO State KS.

Interval Tested 3779 - 3784' Zone Tested VIOLA  
 Anchor Length 5' Drill Pipe Run 3757' Mud Wt. 9.4  
 Top Packer Depth 3774' Drill Collars Run 0 Vis 48  
 Bottom Packer Depth 3779' Wt. Pipe Run 0 WL 9.2cc  
 Total Depth 3784' Chlorides 5100 ppm System LCM 0  
 Blow Description IF: Fair blow. Increase to 7". ISS: No blow.

FF: Fair to strong blow. B.O.B. in 30 mins.

Rec	Feet of	%gas	%oil	%water	%mud
<u>540</u>	<u>Gas in pipe</u>				
<u>15</u>	<u>GOCM</u>	<u>8</u>	<u>18</u>	<u>74</u>	

Rec Total 15 BHT 1110 Gravity N/A API RW N.C. @ ~ °F Chlorides 5100 ppm

(A) Initial Hydrostatic 1829  Test 1150 T-On Location 2157  
 (B) First Initial Flow 16  Jars 250 T-Started 2350  
 (C) First Final Flow 13  Safety Joint 75 T-Open 0140  
 (D) Initial Shut-In 469  Circ Sub \_\_\_\_\_ T-Pulled 0538  
 (E) Second Initial Flow 12  Hourly Standby 0.5hrs 50 T-Out 0737  
 (F) Second Final Flow 17  Mileage 80 124 Comments \_\_\_\_\_  
 (G) Final Shut-In 410  Sampler \_\_\_\_\_  
 (H) Final Hydrostatic 1810  Straddle \_\_\_\_\_  Ruined Shale Packer \_\_\_\_\_  
 Shale Packer 250  Ruined Packer \_\_\_\_\_  
 Extra Packer \_\_\_\_\_  Extra Copies \_\_\_\_\_  
 Extra Recorder \_\_\_\_\_ Sub Total 0  
 Day Standby \_\_\_\_\_ Total 2049  
 Accessibility 150 MP/DST Disc't \_\_\_\_\_  
 Sub Total 2049

Approved By [Signature]

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.

P.O. Box 1733 • Hays, Kansas 67601

## Test Ticket

NO. 47534

Well Name & No. WALLACE #1 Test No. 2 Date 5-20-12  
 Company NOVY OIL & GAS Elevation 1728 KB 1769 GL  
 Address PO Box 559, GODDARD KS. 67052  
 Co. Rep / Geo. DAVID GOLDAK Rig LANDMARK DRILL # 6  
 Location: Sec. 22 Twp. 23 S Rge. 10 W Co. RENO State KS

Interval Tested 3784-3788' Zone Tested VIOLA  
 Anchor Length 4' Drill Pipe Run 3760' Mud Wt. 9.2  
 Top Packer Depth 3779' ~~3779'~~ Drill Collars Run 0 Vis 46  
 Bottom Packer Depth 3784' ~~3784'~~ Wt. Pipe Run 0 WL 9.6cc  
 Total Depth 3788' Chlorides 5600 ppm System LCM 0  
 Blow Description IF: Weak blow. (Surface) Dead in 10 mins. FSI: No blow.

FF: No blow. Flushed tool 9 mins. in to FFP. No blow. FSI: N. blow.

Rec	Feet of	%gas	%oil	%water	%mud
<u>2</u>	<u>Mud w oil spec.</u>				

Rec Total 2 BHT \_\_\_\_\_ Gravity N/A API RW N.C. @ °F Chlorides 5600 ppm  
 (A) Initial Hydrostatic 1862  Test 1150 T-On Location 1308  
 (B) First Initial Flow 17  Jars 250 T-Started 1324  
 (C) First Final Flow 21  Safety Joint 75 T-Open 1457  
 (D) Initial Shut-In 27  Circ Sub \_\_\_\_\_ T-Pulled 1657  
 (E) Second Initial Flow 22  Hourly Standby \_\_\_\_\_ T-Out 1907  
 (F) Second Final Flow 21  Mileage 807 124 Comments \_\_\_\_\_  
 (G) Final Shut-In 28  Sampler \_\_\_\_\_  
 (H) Final Hydrostatic 1817  Straddle \_\_\_\_\_  
 Ruined Shale Packer \_\_\_\_\_  
 Ruined Packer \_\_\_\_\_  
 Extra Copies \_\_\_\_\_  
 Initial Open 30  Shale Packer \_\_\_\_\_  
 Initial Shut-In 30  Extra Packer \_\_\_\_\_  
 Final Flow 30  Extra Recorder \_\_\_\_\_  
 Final Shut-In 30  Day Standby \_\_\_\_\_  
 Accessibility 150 Sub Total 1749 Total 1749  
 MP/DST Disc't \_\_\_\_\_

Approved By [Signature] Our Representative [Signature]

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# TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

## Test Ticket

NO. 47535

Well Name & No. WALLACE # 1 Test No. 3 Date 5-21-12  
 Company NOVY OIL & GAS Elevation 1778 KB 1769 GL  
 Address P.O. Box 559, GODDARD KS. 67052  
 Co. Rep / Geo. DAVID GOLDAK Rig LANDMARK DRUG. #6  
 Location: Sec. 22 Twp. 23S Rge. 10W Co. RENO State KS.

Interval Tested 3785 - 3794' Zone Tested USOLA  
 Anchor Length 9' Drill Pipe Run 3760 Mud Wt. 9.2  
 Top Packer Depth 3780' Drill Collars Run 0 Vis 46  
 Bottom Packer Depth 3785' Wt. Pipe Run 0 WL 9.6 cc  
 Total Depth 3794' Chlorides 5600 ppm System LCM 0  
 Blow Description IF: Strong blow. 30.3 in 2 mins. Blow decreasing  
45-50 mins. in to IFP. ISI: No blow.  
FF: Weak blow. 1" decreasing. FSI: No blow.

Rec	Feet of	%gas	%oil	%water	%mud
250	Geo in pipe				
65	500W M		2	47	51
1185	GCW	4		96	

Rec Total 1250 BHT 112° Gravity N/A API RW .12 @ 73 °F Chlorides 61,000 ppm

(A) Initial Hydrostatic 1833  Test 1150 T-On Location 0157  
 (B) First Initial Flow 73  Jars 250 T-Started 0219  
 (C) First Final Flow 565  Safety Joint 75 T-Open 0411  
 (D) Initial Shut-In 573  Circ Sub \_\_\_\_\_ T-Pulled 0808  
 (E) Second Initial Flow 566  Hourly Standby .75hrs 75 T-Out 1043  
 (F) Second Final Flow 573  Mileage 80 124 Comments \_\_\_\_\_  
 (G) Final Shut-In 573  Sampler \_\_\_\_\_  
 (H) Final Hydrostatic 1807  Straddle \_\_\_\_\_  
 Shale Packer \_\_\_\_\_  
 Ruined Shale Packer \_\_\_\_\_  
 Extra Packer \_\_\_\_\_  
 Ruined Packer \_\_\_\_\_  
 Extra Recorder \_\_\_\_\_  
 Extra Copies \_\_\_\_\_  
 Day Standby \_\_\_\_\_  
 Accessibility 150 Sub Total 0  
 Sub Total 1824 Total 1824 MP/DST Disc't \_\_\_\_\_

Approved By David Goldak Our Representative Gay P. Watson  
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