



KANSAS CORPORATION COMMISSION 1095072
OIL & GAS CONSERVATION DIVISION

Form ACO-1
June 2009

Form Must Be Typed
Form must be Signed
All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 31714
Name: Novy Oil & Gas, Inc.
Address 1: PO BOX 559
Address 2: _____
City: GODDARD State: KS Zip: 67052 + 0559
Contact Person: Michael Novy
Phone: (316) 265-4651
CONTRACTOR: License # 33549
Name: Landmark Drilling, LLC
Wellsite Geologist: David Goldak
Purchaser: NCRA

Designate Type of Completion:

- New Well Re-Entry Workover
- Oil WSW SWD SIOW
 Gas D&A ENHR SIGW
 OG GSW Temp. Abd.
 CM (Coal Bed Methane)
 Cathodic Other (Core, Expl., etc.): _____

If Workover/Re-entry: Old Well Info as follows:

Operator: _____
Well Name: _____
Original Comp. Date: _____ Original Total Depth: _____
 Deepening Re-perf. Conv. to ENHR Conv. to SWD
 Conv. to GSW
 Plug Back: _____ Plug Back Total Depth
 Commingled Permit #: _____
 Dual Completion Permit #: _____
 SWD Permit #: _____
 ENHR Permit #: _____
 GSW Permit #: _____
05/14/2012 05/22/2012 08/04/2012
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 15-155-21588-00-00
Spot Description: _____
N2 N2 NE Sec. 22 Twp. 23 S. R. 10 East West
330 Feet from North / South Line of Section
1320 Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

County: Reno
Lease Name: wallace Well #: 1
Field Name: _____
Producing Formation: Viola
Elevation: Ground: 1769 Kelly Bushing: 1778
Total Depth: 3889 Plug Back Total Depth: 3868
Amount of Surface Pipe Set and Cemented at: 276 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set: _____ Feet
If Alternate II completion, cement circulated from: _____
feet depth to: _____ w/ _____ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: 65000 ppm Fluid volume: 1000 bbls
Dewatering method used: Evaporated
Location of fluid disposal if hauled offsite: _____
Operator Name: _____
Lease Name: _____ License #: _____
Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West
County: _____ Permit #: _____

AFFIDAVIT

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Submitted Electronically

KCC Office Use ONLY

- Letter of Confidentiality Received
Date: _____
 Confidential Release Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution
ALT I II III Approved by: NAOMI JAMES Date: 10/01/2012



1095072

Operator Name: Novy Oil & Gas, Inc. Lease Name: wallace Well #: 1
 Sec. 22 Twp. 23 S. R. 10 East West County: Reno

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed. Attach complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <i>(Attach Additional Sheets)</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Log	Formation (Top), Depth and Datum	<input checked="" type="checkbox"/> Sample
Samples Sent to Geological Survey	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Heebner	3098	-1320
Electric Log Run	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Lansing	3293	-1515
Electric Log Submitted Electronically <i>(If no, Submit Copy)</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Mississippi	3588	-1810
List All E. Logs Run:		Kinderhook	3645	-1867
		viola	3780	-2002
		Simpson	3874	-2096
		TD	3896	-2118

CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Surface	12.25	8.625	21	276	Class A	180	3%CC,2% gel
Production	9.875	5.5	15.5	3875	60/40 POZ	300	10#gil .25#cel

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
___ Perforate				
___ Protect Casing	-			
___ Plug Back TD				
___ Plug Off Zone	-			

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth
4	3732 to 3734	500 gal MCA	

TUBING RECORD:	Size: <u>2.875</u>	Set At: <u>3722</u>	Packer At:	Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or ENHR. <u>08/04/2012</u>	Producing Method: <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) _____			
Estimated Production Per 24 Hours	Oil Bbls. <u>11</u>	Gas Mcf <u>0</u>	Water Bbls. <u>3800</u>	Gas-Oil Ratio Gravity

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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CEMENTING LOG

STAGE NO. _____

Date 5-14-12 District Grant/Band Ticket No. 42511
 Company Norway Rig Grand main 4
 Lease Wallace Well No. 1
 County Reed State KS
 Location 23-235-10W Field _____

CASING DATA: Conductor PTA Squeeze Misc
 Surface Intermediate Production Liner
 Size 8 1/2 Type 200 Weight 34 Collar SRD

Casing Depths: Top 43 Bottom 276

Drill Pipe: Size _____ Weight _____ Collars _____
 Open Hole: Size _____ T.D. _____ ft. P.B. to _____ ft.

CAPACITY FACTORS:
 Casing: Bbls/Lin. ft. 0.37 Lin. ft./Bbl. 15.70
 Open Holes: Bbls/Lin. ft. 0.45 Lin. ft./Bbl. 11.11
 Drill Pipe: Bbls/Lin. ft. 0.32 Lin. ft./Bbl. 15.62
 Annulus: Bbls/Lin. ft. 0.75 Lin. ft./Bbl. 13.33

Perforations: From _____ ft. to _____ ft. Amt. _____

CEMENT DATA:
 Spacer Type: 1-200 water
 Amt. 5 Skys Yield _____ ft³/sk Density _____ PPG

LEAD: Pump Time _____ hrs. Type CLASS
 Amt. 180 Skys Yield 1.34 ft³/sk Density 15.25 PPG

TAIL: Pump Time _____ hrs. Type _____
 Amt. _____ Skys Yield _____ ft³/sk Density _____ PPG

WATER: Lead _____ gals/sk Tail _____ gals/sk Total _____ Bbls

Pump Trucks Used 378 / Norway
 Bulk Equip. 378 / main

Float Equip: Manufacturer _____
 Shoe: Type _____ Depth _____
 Float: Type _____ Depth _____
 Centralizers: Quantity _____ Plugs Top _____ Btm _____
 Stage Collars _____
 Special Equip. _____
 Disp. Fluid Type 180 Amt. 1.25 Bbls Weight _____ PPG
 Mud Type _____ Weight _____ PPG

COMPANY REPRESENTATIVE _____

CEMENTER _____

TIME	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	RATE Bbls Min.	
						Had battery recharged
						Now 5 BBLs in bh at 276
			42.25	42.95		mix 180 GX CLASS 13 1/2 x 12 1/2
			64.30	16.25		Displace 16.25
						Band Plug
						Shut in
						Cement did circulate
						Rig Down

FINAL DISP. PRESS. _____ PSI BUMP PLUG TO _____ PSI BLEEDBACK _____ BBLs THANK YOU

and furnish cement and helper(s) to assist contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL CONDITIONS" listed on the reverse side.

SALES TAX (if Any) _____ TOTAL _____



energy services, L.P.

MAY 29 2012

TREATMENT REPORT

Customer: NOVY OIL GAS Lease No.: Lease No. Date: 05-22-12
 Lease: WYLLACE Well # 1
 Field Order #: 6070 Station: PRATT KS Casing: 5 1/2" Depth: County: Reno State: KS
 Type Job: (NW) 5 1/2" Comp. Stn. Formation: Legal Description: 27-23-10

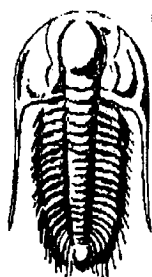
PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP	
5 1/2"		From	To	Pre Pad	Max		5 Min.	
Depth 3867	Depth	From	To	Pad	Min		10 Min.	
Volume 42	Volume	From	To	Frac	Avg		15 Min.	
Max Press 2,000	Max Press	From	To		HHP Used		Annulus Pressure	
Well Connection PC	Annulus Vol.	From	To	Flush	Gas Volume		Total Load	
Plug Depth 3586	Packer Depth	From	To					

Customer Representative: Station Manager: DANA SCOTT Treater: Robert Johnson

Service Units	Driver Names	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
37900	Sullivan	29953	21970	10960	19918	
	Michael					
	Phyllis					

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
10:00					on line softly mixing
2:30					Run 90 sec 5 1/2" - 1515 rpm 3' shot IT
2:40					CASING ON BOTTOM
4:20	150		5	3	Hook Rig circ.
			12		at spacing
			5		with mud flush
			38		Run in
					circ cut 250 in h/d 40 rpm cut
					not mixed, shut down wash pump, lift
					Release Plug
	250		55	6	at Dip
	550				lift psi
5:00	1,800		92	11.5	Slow Rate
			7		Plug down
			5		Plug R.H.
					Plug with
					5018 Comp/H ₂ O
					Thank you

Taylor Printing, Inc. 620-672-9656



**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: 2012.05.19 @ 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

Novy Oil & Gas 22-23s-10w Reno,KS Wallace #1 DST # 1 Viola 2012.05.19



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@RunDepth: 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

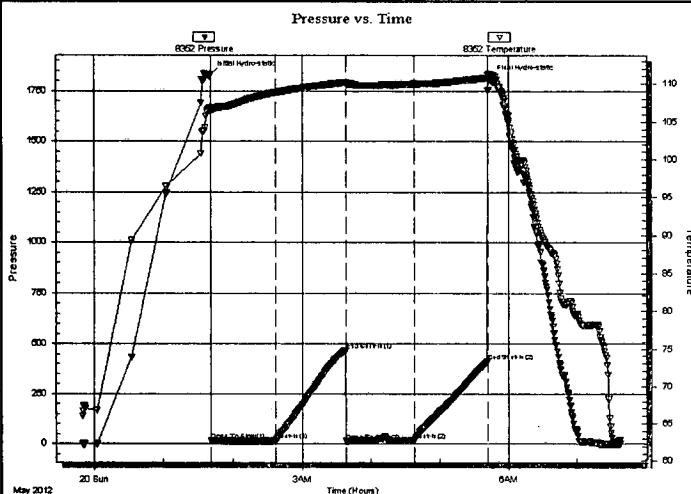
Time Off Btm: 2012.05.20 @ 05:43:59

TEST COMMENT: IF: Fair blow . Increase to 7".

IS: No blow .

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

FSI: No blow .



PRESSURE SUMMARY

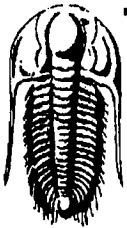
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1828.86	106.84	Initial Hydro-static
1	16.34	106.35	Open To Flow (1)
57	13.26	108.87	Shut-In(1)
117	468.90	110.19	End Shut-In(1)
118	12.16	109.97	Open To Flow (2)
177	17.01	109.97	Shut-In(2)
241	410.26	110.80	End Shut-In(2)
244	1809.72	111.27	Final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

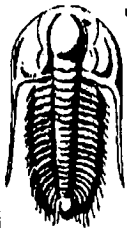
Tool Information

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
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:

bbl

Water Loss: 9.18 in³

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 bbl
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

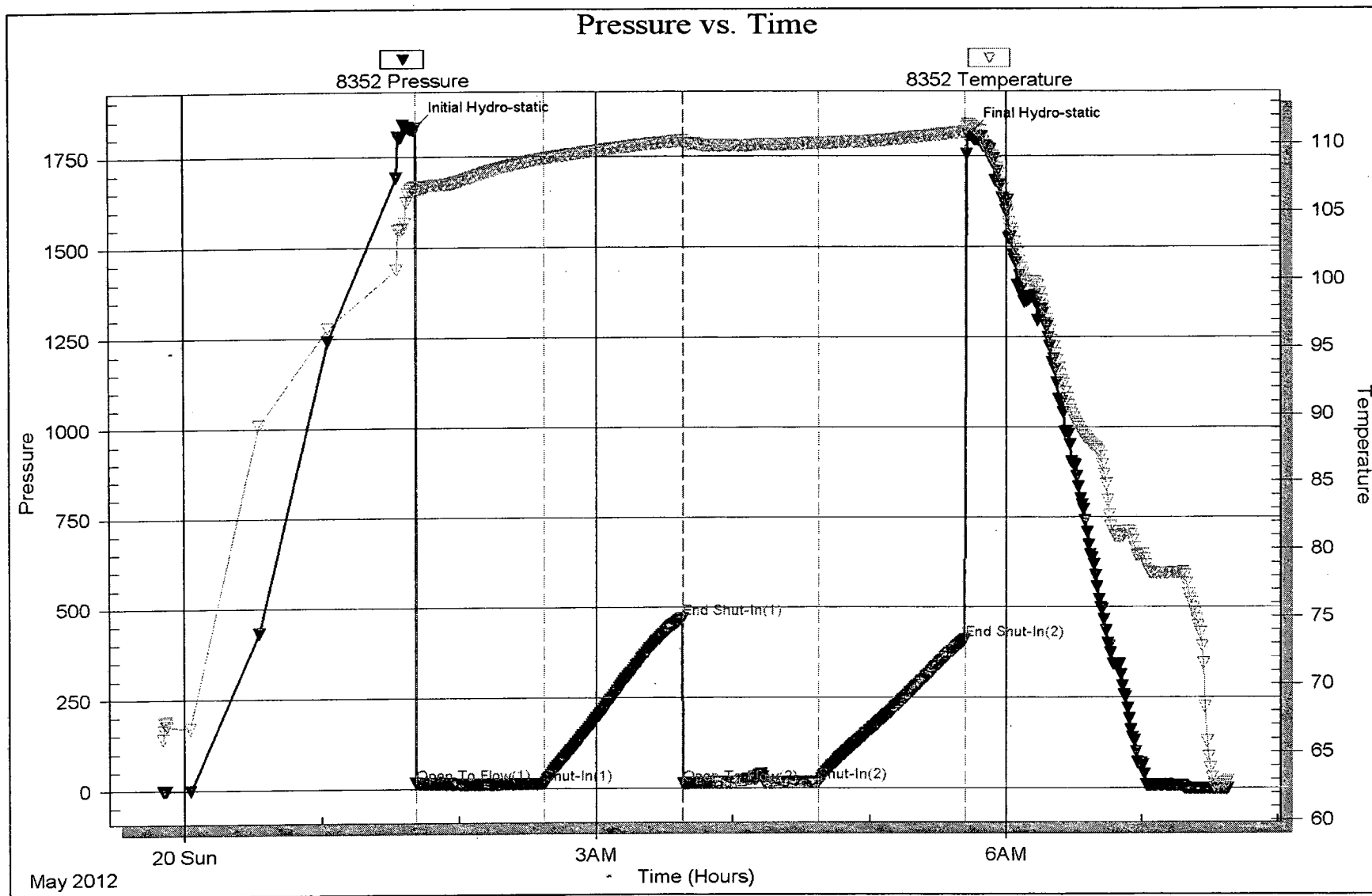
Num Gas Bombs: 0

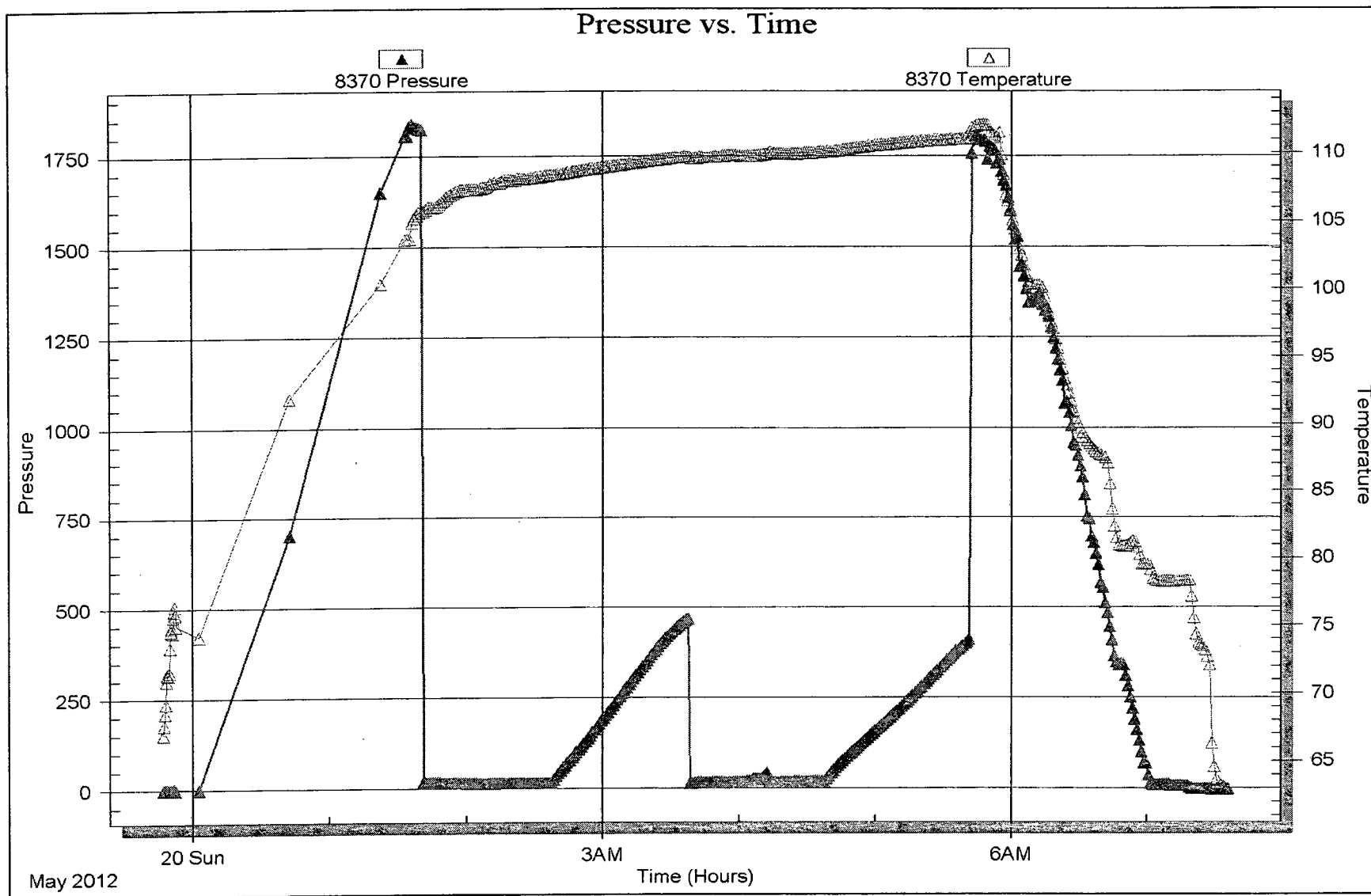
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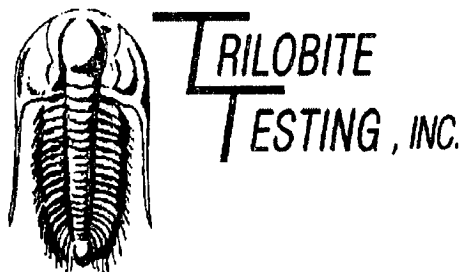
Laboratory Name:

Laboratory Location:

Recovery Comments:







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

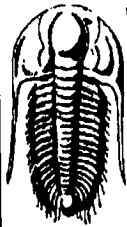
Trilobite Testing, Inc

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@RunDepth: 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

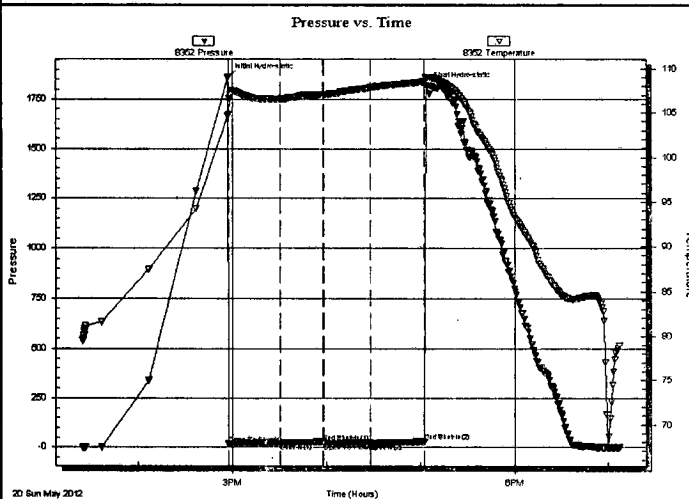
Time Off Btm: 2012.05.20 @ 17:03:49

TEST COMMENT: IF:Weak blow . (Surface) Dead in 10 mins.

ISI:No blow .

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

FSI: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

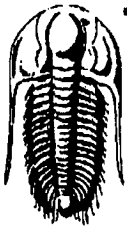
Recovery

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

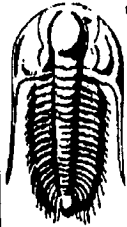
Test Start: 2012.05.20 @ 13:24:49

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
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:

bbbl

Water Loss: 9.58 in³

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
2.00	Mud w oil specs	0.028

Total Length:

2.00 ft

Total Volume:

0.028 bbl

Num Fluid Samples: 0

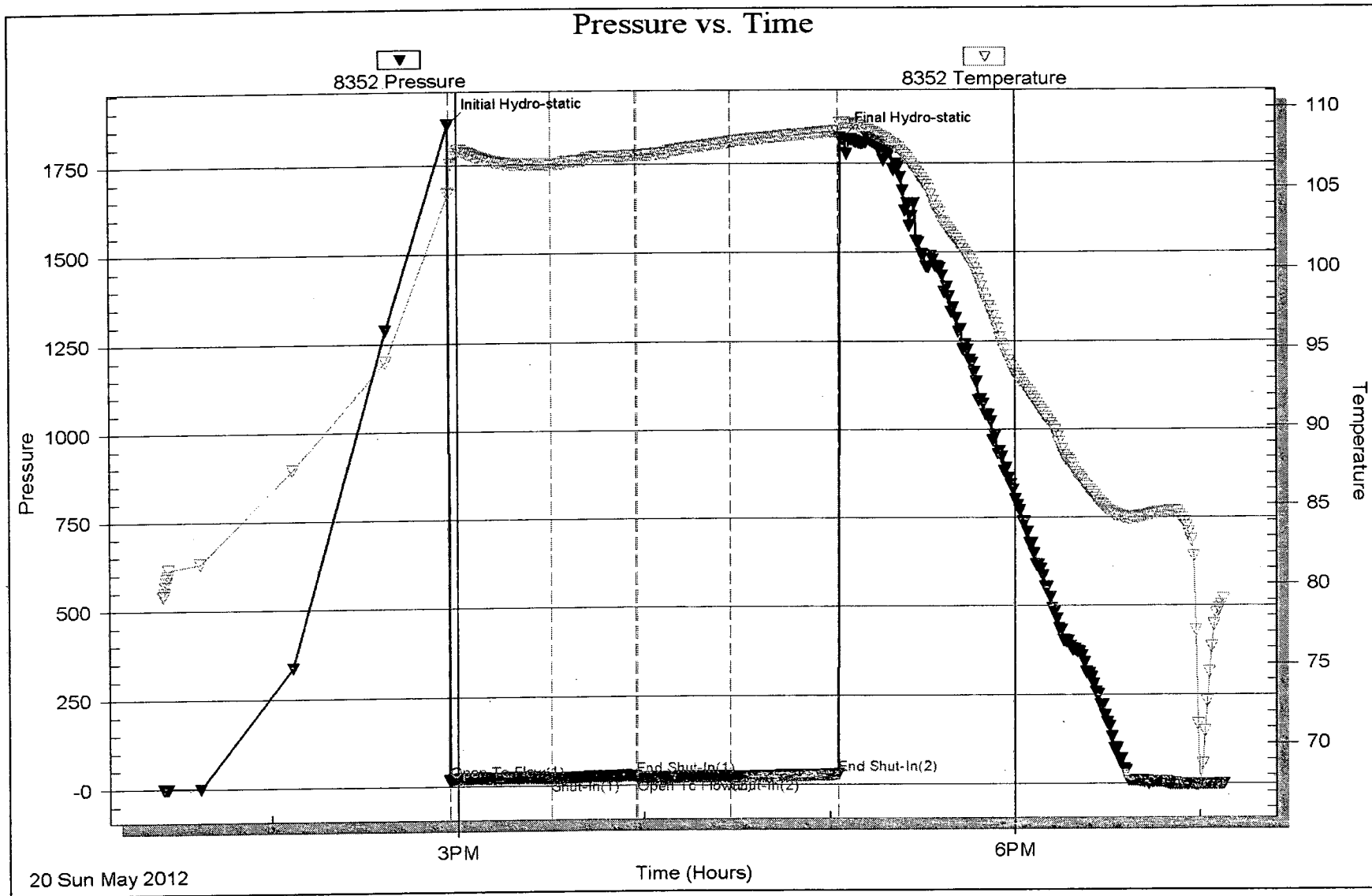
Num Gas Bombs: 0

Serial #: none

Laboratory Name:

Laboratory Location:

Recovery Comments:

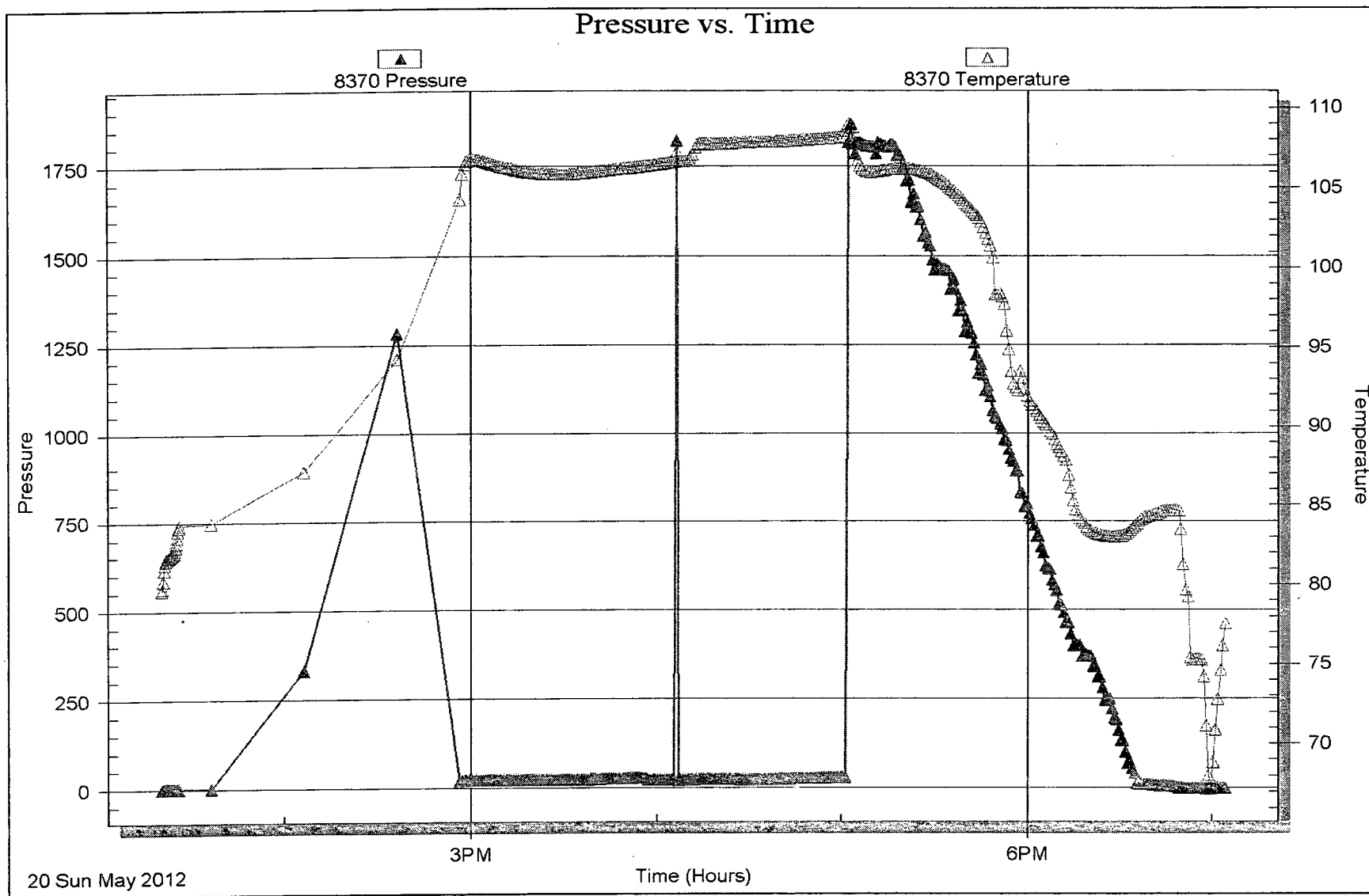


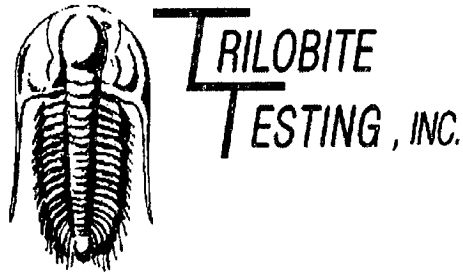
Serial #: 8370

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

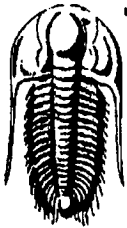
Trilobite Testing, Inc

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@RunDepth: 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:

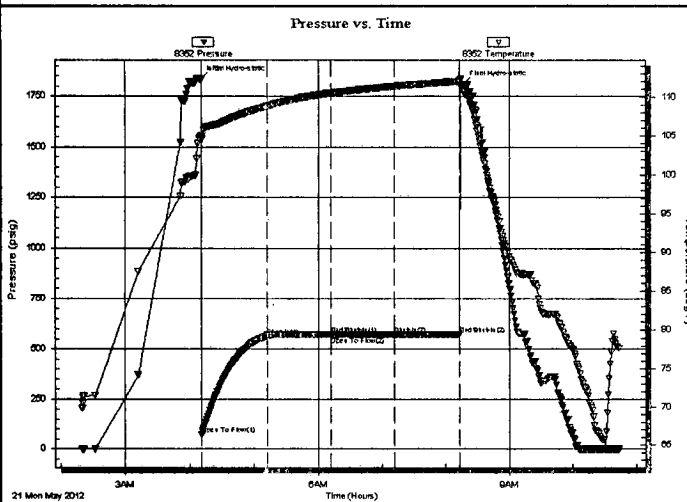
2012.05.21 @ 08:16:23

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

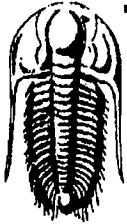
Recovery

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
 PO Box 559
 Goddard KS 67052
 ATTN: David Goldak

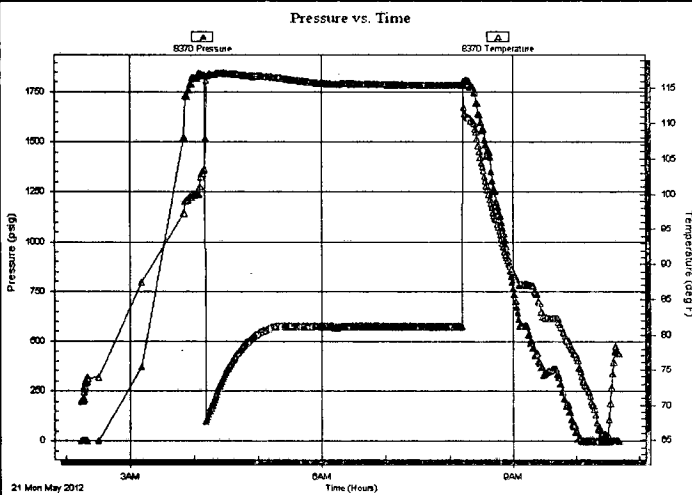
22-23s-10w Reno,KS
Wallace #1
 Job Ticket: 47535 **DST#: 3**
 Test Start: 2012.05.21 @ 02:19:38

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@RunDepth: 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	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

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

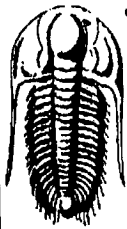
Tool Information

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 in³

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

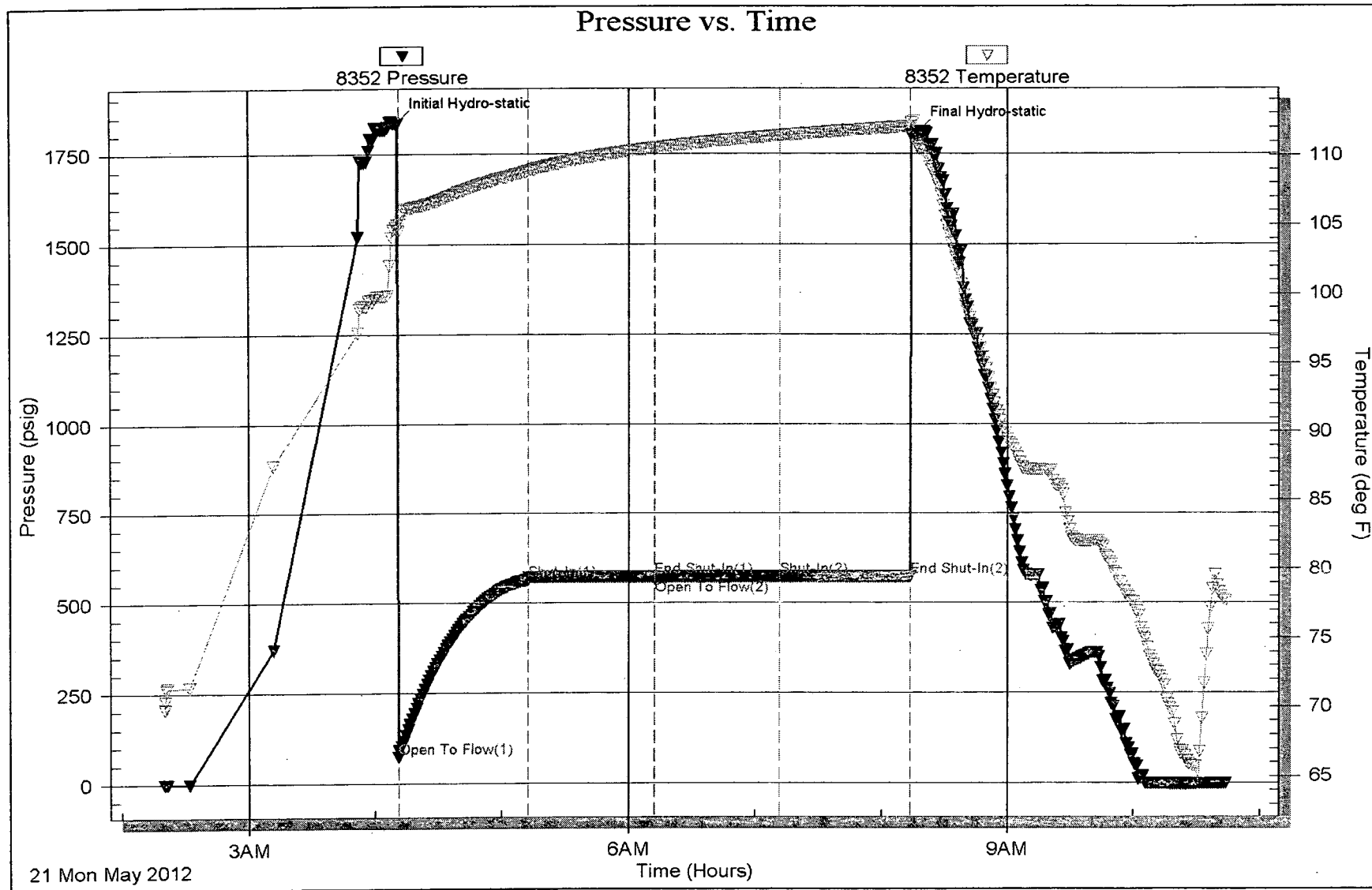
Num Gas Bombs: 0

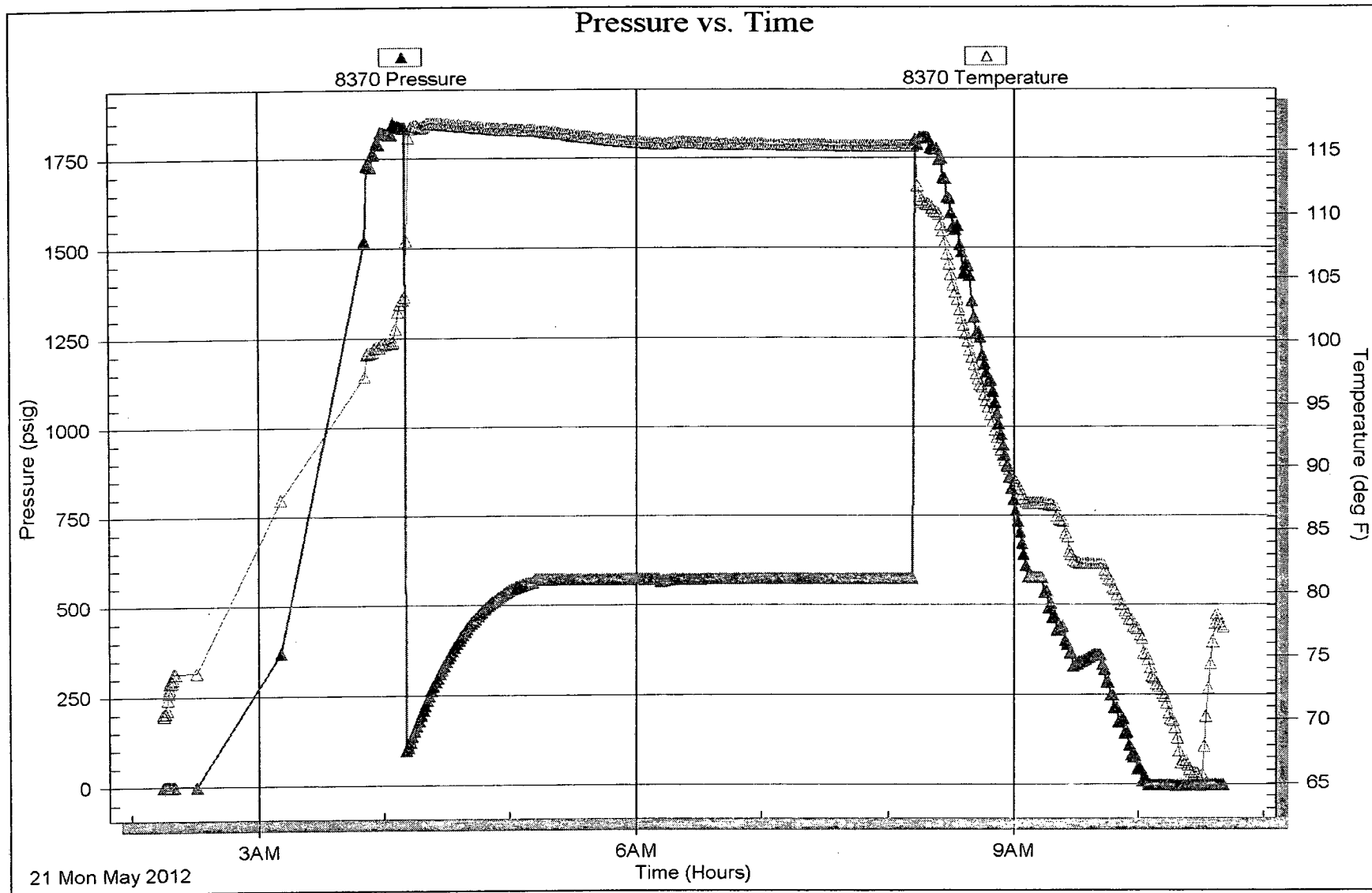
Serial #: none

Laboratory Name:

Laboratory Location:

Recovery Comments:







TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 47533

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, GOODARD KS. 67052
 Co. Rep / Geo. DAVID GOLDARK Rig LANDMARK DRLG. #6
 Location: Sec. 22 Twp. 23S Rge. 10W Co. RENO State KS.

Interval Tested 3779 - 3784' Zone Tested NIOLA
 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>	

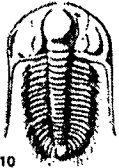
Rec Total 15 BHT 1110 Gravity N/A API RW N.C. @ °F Chlorides 5100 ppm

(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 _____
 Shale Packer 250 Ruined Shale Packer _____
 Extra Packer _____ Ruined Packer _____
 Extra Recorder _____ Sub Total 0
 Day Standby _____ Total 2049
 Accessibility 150 MP/DST Disc't _____
 Sub Total _____

Initial Open 60
 Initial Shut-In 60
 Final Flow 60
 Final Shut-In 60

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. 7 Date 5-20-12
 Company NOVY OIL & GAS Elevation 1778 KB 1769 GL
 Address PO. BOX 559, GODDARD KS. 67052
 Co. Rep / Geo. DAVID COLDAK 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' ~~3784'~~ Drill Collars Run 0 Vis 46
 Bottom Packer Depth 3784' ~~3789'~~ 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: No blow.

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

Rec Total 2 BHT 1862 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 _____
 Shale Packer _____
 Extra Packer _____
 Extra Recorder _____
 Day Standby _____
 Accessibility 150

Initial Open 30
 Initial Shut-In 30
 Final Flow 30
 Final Shut-In 30
 Sub Total 0
 Total 1749
 MP/DST Disc't _____

Approved By [Signature] Our Representative [Signature]

Tribolite 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 of 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. 47535

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

Interval Tested 3785 - 3794' Zone Tested V20LA
 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 below 30.3 in 2 mins. Blow decreasing 45-50 mins. in to IFP. ISI: No below. FF: Weak below 1" decreasing. FSI: No below.

Rec	Feet of	%gas	%oil	%water	%mud
<u>250</u>	<u>Gas in pipe</u>				
<u>65</u>	<u>SO2WM</u>	<u>2</u>	<u>47</u>	<u>51</u>	
<u>1185</u>	<u>GCW</u>	<u>4</u>	<u>96</u>		

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 _____
 Ruined Packer _____
 Extra Copies _____

Initial Open 60
 Initial Shut-In 60
 Final Flow 60
 Final Shut-In 60
 Extra Packer _____
 Extra Recorder _____
 Day Standby _____
 Accessibility 150
 Sub Total _____
 Sub Total _____
 Sub Total 0
 Total 1824
 MP/DST Disc't _____

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 opinions 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.