KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

1104133

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) 794-7200
CONTRACTOR: License # 33549
Name: Landmark Drilling, LLC
Wellsite Geologist: Dave 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: Rupe Oil Co, Inc.
Well Name: Snowberger
Original Comp. Date: 04/09/1985 Original Total Depth: 3950

☐ 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 #:

09/19/2012 — Spud Date or Recompletion Date
09/27/2012 — Date Reached TD
10/15/2012 — Completion Date or Recompletion Date

API No. 15 - 15-155-21039-00-01
Spot Description:
S2 - NW - NE - NE Sec. 21 Twp. 23 S. R. 10 ☐ East ☑ West
4850 Feet from ☐ North / ☑ South Line of Section
990 Feet from ☑ East / ☐ West Line of Section
Footages Calculated from Nearest Outside Section Corner:
☐ NE ☐ NW ☑ SE ☐ SW
County: Reno
Lease Name: snowbarger Well #: 1
Field Name:
Producing Formation: Viola
Elevation: Ground: 1776 Kelly Bushing: 1786
Total Depth: 3832 Plug Back Total Depth: 3822
Amount of Surface Pipe Set and Cemented at: 209 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: 12900 ppm Fluid volume: 700 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: Deanna Garrison Date: 12/20/2012

Side Two

1104133

Operator Name: Novy Oil & Gas, Inc. Lease Name: snowbarger Well #: 1

Sec. 21 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 ☑ Yes ☐ No
(Attach Additional Sheets)

Samples Sent to Geological Survey ☑ Yes ☐ No

Cores Taken ☐ Yes ☑ No

Electric Log Run ☑ Yes ☐ No

Electric Log Submitted Electronically ☑ Yes ☐ No
(If no, Submit Copy)

List All E. Logs Run:

GR, NEU
GR CBL

☐ Log Formation (Top), Depth and Datum ☑ Sample

Name	Top	Datum
Heebner	3114	-1328
Lansing	3310	-1524
Missiaaippian	3613	-1830
Kinderhook	3654	-1868
Viloa	3776	-1990

CASING RECORD ☑ New ☐ 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
Surf	12.25	8.625	23	209	common	275	3%cc 2%gel
production	7.875	5.5	15.5	3832	60/40 poz	150	10# gil .25# cel

ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose:
☐ Perforate
☐ Protect Casing
☐ Plug Back TD
☐ Plug Off Zone

Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
-			
-			

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record *(Amount and Kind of Material Used)*	Depth
4	3794 - 3798	500 gal 15% mca	3794 - 3798

TUBING RECORD: Size: 2.875 Set At: 3750 Packer At:

Liner Run: ☐ Yes ☐ No

Date of First, Resumed Production, SWD or ENHR. 12/07/2012

Producing Method: ☐ Flowing ☑ Pumping ☐ Gas Lift ☐ Other *(Explain)*

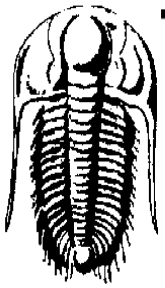
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	10		2000		

DISPOSITION OF GAS:
☐ Vented ☐ Sold ☐ Used on Lease
(If vented, Submit ACO-18.)

METHOD OF COMPLETION:
☐ Open Hole ☑ Perf. ☐ Dually Comp. *(Submit ACO-5)* ☐ Commingled *(Submit ACO-4)*
☐ Other *(Specify)*

PRODUCTION INTERVAL:
3794
3798

Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Novy Oil & Gas Inc.**

PO Box 559
Goddard KS 67052

ATTN: David Goldak

Snowbarger #1

21-23s-10w Reno,KS

Start Date: 2012.09.26 @ 07:23:17

End Date: 2012.09.26 @ 14:55:32

Job Ticket #: 49610 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2012.10.01 @ 15:18:48

DRILL STEM TEST REPORT

Novy Oil & Gas Inc.

PO Box 559
Goddard KS 67052

ATTN: David Goldak

21-23s-10w Reno,KS

Snowbarger #1

Job Ticket: 49610 **DST#: 1**

Test Start: 2012.09.26 @ 07:23:17

GENERAL INFORMATION:

Formation: **Viola**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 09:36:47
Time Test Ended: 14:55:32

Test Type: Conventional Bottom Hole (Initial)
Tester: Gary Pevoteaux
Unit No: 56

Interval: 3772.00 ft (KB) To 3782.00 ft (KB) (TVD)
Total Depth: 3782.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

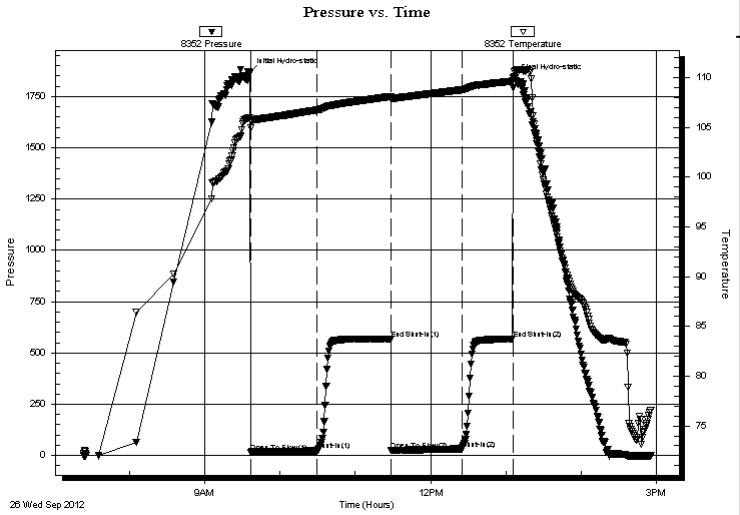
Reference Elevations: 1786.00 ft (KB)
1777.00 ft (CF)
KB to GR/CF: 9.00 ft

Serial #: 8352 **Outside**

Press@RunDepth: 32.32 psig @ 3773.00 ft (KB)
Start Date: 2012.09.26 End Date: 2012.09.26
Start Time: 07:23:22 End Time: 14:55:31

Capacity: 8000.00 psig
Last Calib.: 2012.09.26
Time On Btm: 2012.09.26 @ 09:35:47
Time Off Btm: 2012.09.26 @ 13:07:02

TEST COMMENT: IF:Weak surface blow . Dead in 40 mins.
ISI:No blow .
FF:No blow .
FSI:No blow .



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1864.66	106.03	Initial Hydro-static
1	17.11	104.93	Open To Flow (1)
54	23.12	106.76	Shut-In(1)
113	569.18	108.12	End Shut-In(1)
113	24.50	107.86	Open To Flow (2)
169	32.32	108.80	Shut-In(2)
210	567.55	109.67	End Shut-In(2)
212	1839.64	110.68	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	SOCWM 2%o 13%w 85%m	69.94
0.00	1" layer of clean oil @ top of tool	0.00

Gas Rates

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

DRILL STEM TEST REPORT

Novy Oil & Gas Inc.

PO Box 559
Goddard KS 67052

ATTN: David Goldak

21-23s-10w Reno,KS

Snowbarger #1

Job Ticket: 49610 **DST#: 1**

Test Start: 2012.09.26 @ 07:23:17

GENERAL INFORMATION:

Formation: **Viola**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 09:36:47
Time Test Ended: 14:55:32

Test Type: Conventional Bottom Hole (Initial)
Tester: Gary Pevoteaux
Unit No: 56

Interval: 3772.00 ft (KB) To 3782.00 ft (KB) (TVD)
Total Depth: 3782.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

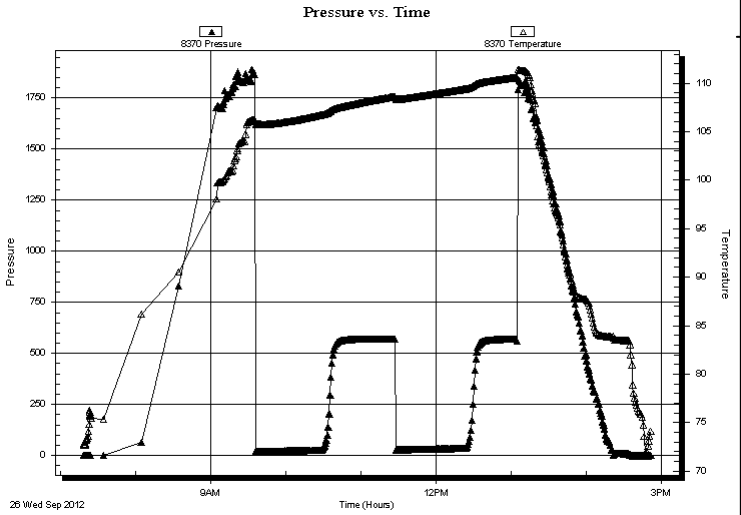
Reference Elevations: 1786.00 ft (KB)
1777.00 ft (CF)
KB to GR/CF: 9.00 ft

Serial #: 8370 **Inside**

Press@RunDepth: psig @ 3773.00 ft (KB)
Start Date: 2012.09.26 End Date: 2012.09.26
Start Time: 07:18:44 End Time: 14:51:38

Capacity: 8000.00 psig
Last Calib.: 2012.09.26
Time On Btm:
Time Off Btm:

TEST COMMENT: IF:Weak surface blow . Dead in 40 mins.
ISI:No blow .
FF:No blow .
FSI:No blow .



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
5.00	SOCWM 2%o 13%w 85%m	69.94
0.00	1" layer of clean oil @ top of tool	0.00

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

Novy Oil & Gas Inc.

PO Box 559
Goddard KS 67052

ATTN: David Goldak

21-23s-10w Reno,KS

Snowbarger #1

Job Ticket: 49610 **DST#: 1**

Test Start: 2012.09.26 @ 07:23:17

Tool Information

Drill Pipe:	Length:	3629.00 ft	Diameter:	3.80 inches	Volume:	50.91 bbl	
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	0.00 inches	Volume:	0.00 bbl	
Drill Collar:	Length:	120.00 ft	Diameter:	120.00 inches	Volume:	1678.62 bbl	
					Total Volume:	1729.53 bbl	

Drill Pipe Above KB:	5.00 ft
Depth to Top Packer:	3772.00 ft
Depth to Bottom Packer:	ft
Interval between Packers:	10.00 ft
Tool Length:	38.00 ft
Number of Packers:	2 Diameter: 6.75 inches

Tool Weight:	2400.00 lb
Weight set on Packer:	24000.00 lb
Weight to Pull Loose:	67000.00 lb
Tool Chased	0.00 ft
String Weight: Initial	49000.00 lb
Final	50000.00 lb

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
C.O. Sub	1.00			3745.00		
Shut in tool	5.00			3750.00		
HMV	5.00			3755.00		
Jars	5.00			3760.00		
Safety Joint	3.00			3763.00		
Packer	4.00			3767.00	28.00	Bottom Of Top Packer
Packer	5.00			3772.00		
Stubb	1.00			3773.00		
Recorder	0.00	8370	Inside	3773.00		
Recorder	0.00	8352	Outside	3773.00		
Perforations	4.00			3777.00		
Bullnose	5.00			3782.00	10.00	Bottom Packers & Anchor
Total Tool Length:	**38.00**					

DRILL STEM TEST REPORT

FLUID SUMMARY

Novy Oil & Gas Inc.

PO Box 559
Goddard KS 67052

ATTN: David Goldak

21-23s-10w Reno,KS

Snowbarger #1

Job Ticket: 49610 **DST#: 1**

Test Start: 2012.09.26 @ 07:23:17

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:	4700 ppm
Viscosity:	52.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	11.98 in³	Gas Cushion Type:			
Resistivity:	0.00 ohm.m	Gas Cushion Pressure:	psig		
Salinity:	4700.00 ppm				
Filter Cake:	0.20 inches				

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	SOCWM 2%o 13%w 85%m	69.943
0.00	1" layer of clean oil @ top of tool	0.000

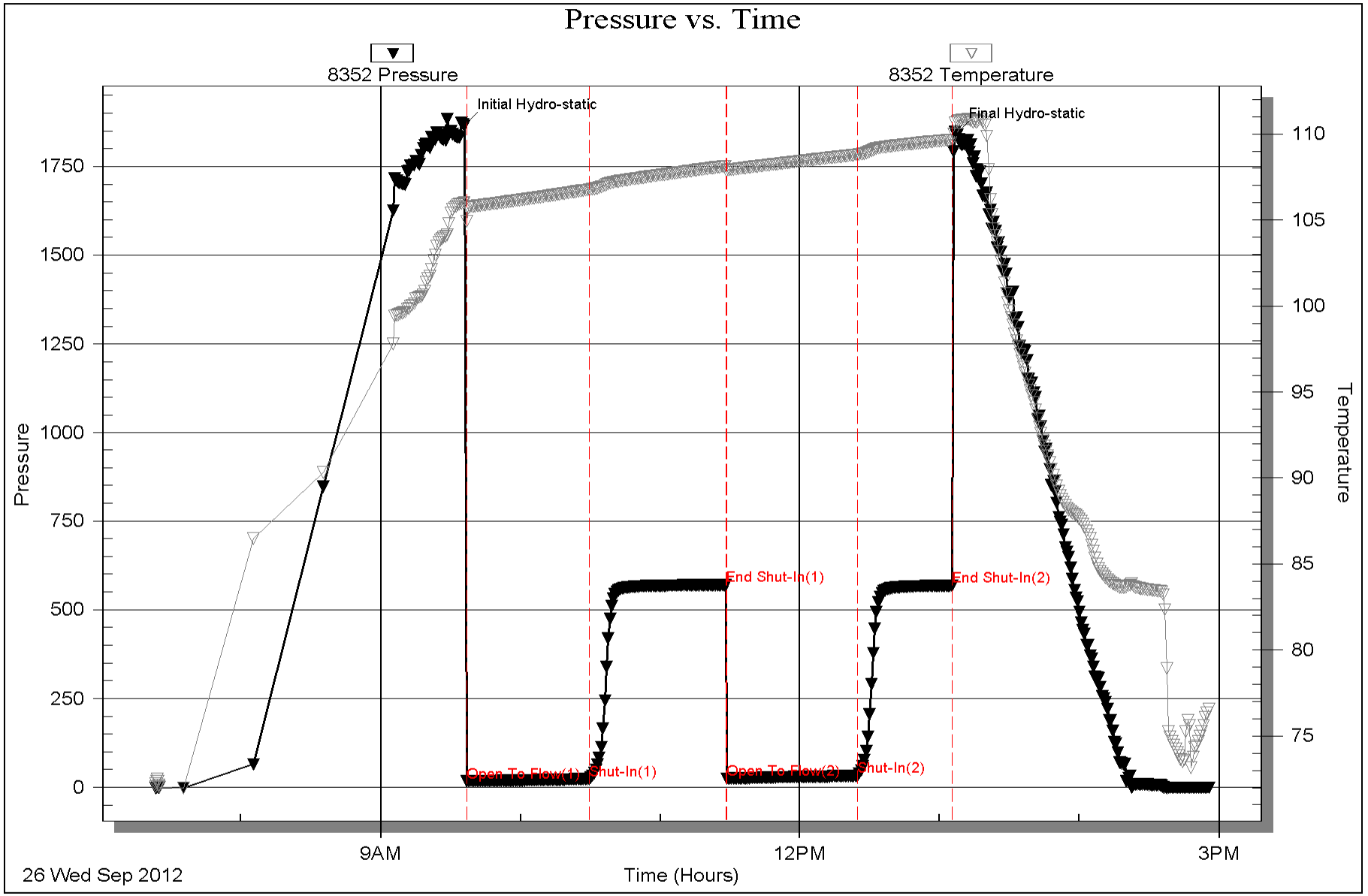
Total Length: 5.00 ft Total Volume: 69.943 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #: none

Laboratory Name: Laboratory Location:

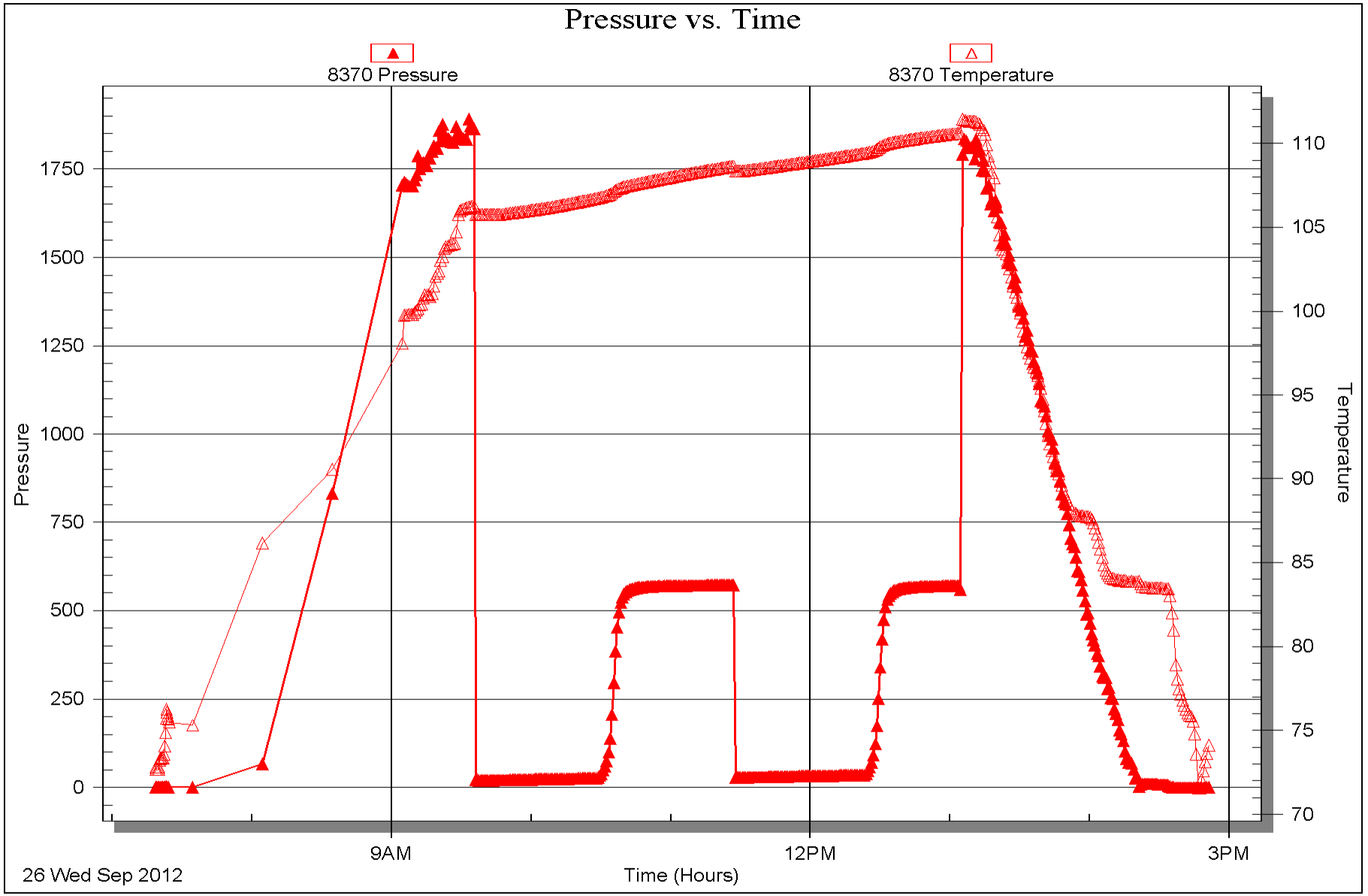
Recovery Comments:

Serial #: 8352 **Outside** Novy Oil & Gas Inc. Snow barger #1 DST Test Number: 1



Trilobite Testing, Inc Ref. No: 49610 Printed: 2012.10.01 @ 15:18:53

Serial #: 8370 **Inside** Novy Oil & Gas Inc. Snow barger #1 DST Test Number: 1



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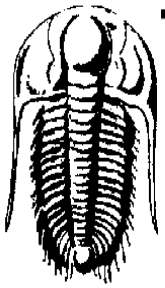


TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Novy Oil & Gas Inc.**

PO Box 559
Goddard KS 67052

ATTN: David Goldak

Snowbarger #1

21-23s-10w Reno,KS

Start Date: 2012.09.27 @ 01:18:26
End Date: 2012.09.27 @ 09:57:56
Job Ticket #: 49611 DST #: 2

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

Printed: 2012.10.01 @ 15:18:00

DRILL STEM TEST REPORT

Novy Oil & Gas Inc.

PO Box 559
Goddard KS 67052

ATTN: David Goldak

21-23s-10w Reno,KS

Snowbarger #1

Job Ticket: 49611 **DST#: 2**

Test Start: 2012.09.27 @ 01:18:26

GENERAL INFORMATION:

Formation: **Viola**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 03:21:26
Time Test Ended: 09:57:56

Test Type: Conventional Bottom Hole (Reset)
Tester: Gary Pevoteaux
Unit No: 56

Interval: 3782.00 ft (KB) To 3792.00 ft (KB) (TVD)
Total Depth: 3792.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Poor

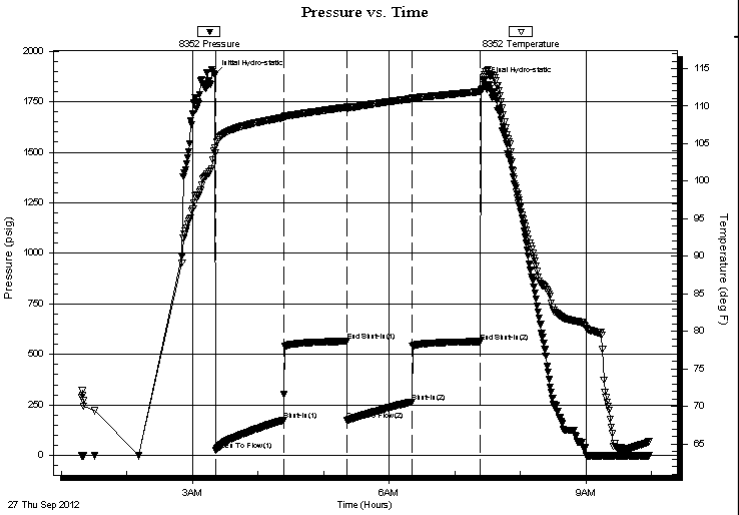
Reference Elevations: 1786.00 ft (KB)
1777.00 ft (CF)
KB to GR/CF: 9.00 ft

Serial #: 8352 **Outside**

Press@RunDepth: 264.98 psig @ 3783.00 ft (KB)
Start Date: 2012.09.27 End Date: 2012.09.27
Start Time: 01:18:31 End Time: 09:57:56

Capacity: 8000.00 psig
Last Calib.: 2012.09.27
Time On Btm: 2012.09.27 @ 03:20:11
Time Off Btm: 2012.09.27 @ 07:26:56

TEST COMMENT: IF:Fair to Strong blow . B.O.B. in 26 mins.
ISI:No blow .
FF:Fair blow . Increase to 13".
FSI:No blow .



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1884.71	104.39	Initial Hydro-static
2	24.72	103.82	Open To Flow (1)
63	174.61	108.48	Shut-In(1)
122	564.89	109.86	End Shut-In(1)
122	174.64	109.66	Open To Flow (2)
181	264.98	110.97	Shut-In(2)
244	563.48	111.93	End Shut-In(2)
247	1850.87	113.94	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
434.00	SW w/o specs	1683.03
120.00	OCMW 6%o 9%m 85%w	1.68
1.00	Clean oil	0.01
0.00	180 ft.of GIP	0.00

* Recovery from multiple tests

Gas Rates

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

DRILL STEM TEST REPORT

Novy Oil & Gas Inc.

PO Box 559
Goddard KS 67052

ATTN: David Goldak

21-23s-10w Reno,KS

Snowbarger #1

Job Ticket: 49611 **DST#: 2**

Test Start: 2012.09.27 @ 01:18:26

GENERAL INFORMATION:

Formation: **Viola**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 03:21:26
Time Test Ended: 09:57:56

Test Type: Conventional Bottom Hole (Reset)
Tester: Gary Pevoteaux
Unit No: 56

Interval: 3782.00 ft (KB) To 3792.00 ft (KB) (TVD)
Total Depth: 3792.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Poor

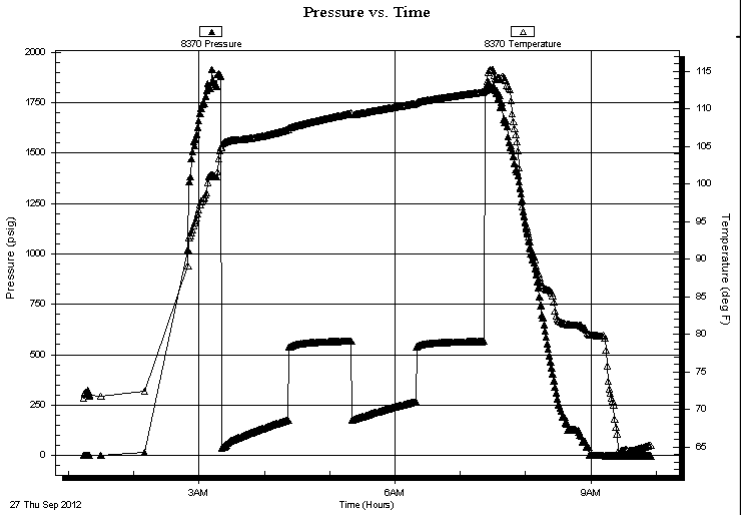
Reference Elevations: 1786.00 ft (KB)
1777.00 ft (CF)
KB to GR/CF: 9.00 ft

Serial #: 8370 **Inside**

Press@RunDepth: psig @ 3783.00 ft (KB)
Start Date: 2012.09.27 End Date: 2012.09.27
Start Time: 01:13:57 End Time: 09:55:07

Capacity: 8000.00 psig
Last Calib.: 2012.09.27
Time On Btm:
Time Off Btm:

TEST COMMENT: IF:Fair to Strong blow . B.O.B. in 26 mins.
ISI:No blow .
FF:Fair blow . Increase to 13".
FSI:No blow .



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
434.00	SW w/o specs	1683.03
120.00	OCMW 6%o 9%m 85%w	1.68
1.00	Clean oil	0.01
0.00	180 ft.of GIP	0.00

* Recovery from multiple tests

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

Novy Oil & Gas Inc.

PO Box 559
Goddard KS 67052

ATTN: David Goldak

21-23s-10w Reno,KS

Snowbarger #1

Job Ticket: 49611 **DST#: 2**

Test Start: 2012.09.27 @ 01:18:26

Tool Information

Drill Pipe:	Length:	3654.00 ft	Diameter:	3.80 inches	Volume:	51.26 bbl	
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	0.00 inches	Volume:	0.00 bbl	
Drill Collar:	Length:	120.00 ft	Diameter:	120.00 inches	Volume:	1678.62 bbl	
					Total Volume:	1729.88 bbl	

Drill Pipe Above KB:	20.00 ft
Depth to Top Packer:	3782.00 ft
Depth to Bottom Packer:	ft
Interval between Packers:	10.00 ft
Tool Length:	38.00 ft
Number of Packers:	2 Diameter: 6.75 inches

Tool Weight:		2400.00 lb
Weight set on Packer:		24000.00 lb
Weight to Pull Loose:		94000.00 lb
Tool Chased		3.00 ft
String Weight:	Initial	49500.00 lb
	Final	52500.00 lb

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
C.O. Sub	1.00			3755.00		
Shut in tool	5.00			3760.00		
HMV	5.00			3765.00		
Jars	5.00			3770.00		
Safety Joint	3.00			3773.00		
Packer	4.00			3777.00	28.00	Bottom Of Top Packer
Packer	5.00			3782.00		
Stubb	1.00			3783.00		
Recorder	0.00	8370	Inside	3783.00		
Recorder	0.00	8352	Outside	3783.00		
Perforations	4.00			3787.00		
Bullnose	5.00			3792.00	10.00	Bottom Packers & Anchor
Total Tool Length:	**38.00**					

DRILL STEM TEST REPORT

FLUID SUMMARY

Novy Oil & Gas Inc.

PO Box 559
Goddard KS 67052

ATTN: David Goldak

21-23s-10w Reno,KS

Snowbarger #1

Job Ticket: 49611 **DST#: 2**

Test Start: 2012.09.27 @ 01:18:26

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:	56000 ppm
Viscosity:	55.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	11.18 in³	Gas Cushion Type:			
Resistivity:	0.00 ohm.m	Gas Cushion Pressure:	psig		
Salinity:	6500.00 ppm				
Filter Cake:	0.20 inches				

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
434.00	SW w/o specs	1683.026
120.00	OCMW 6%o 9%m 85%w	1.683
1.00	Clean oil	0.014
0.00	180 ft.of GIP	0.000

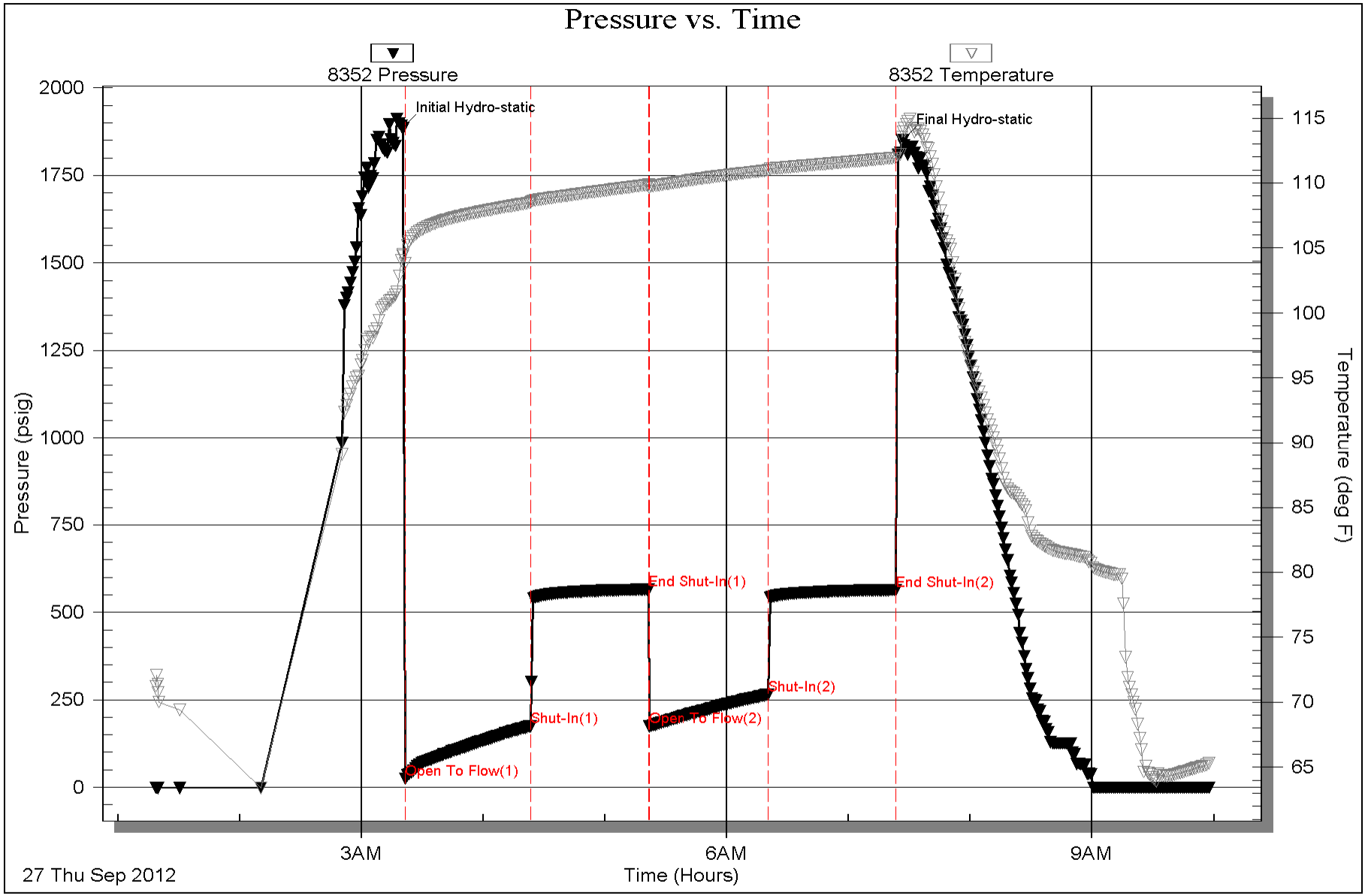
Total Length: 555.00 ft Total Volume: 1684.723 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #: none

Laboratory Name: Laboratory Location:

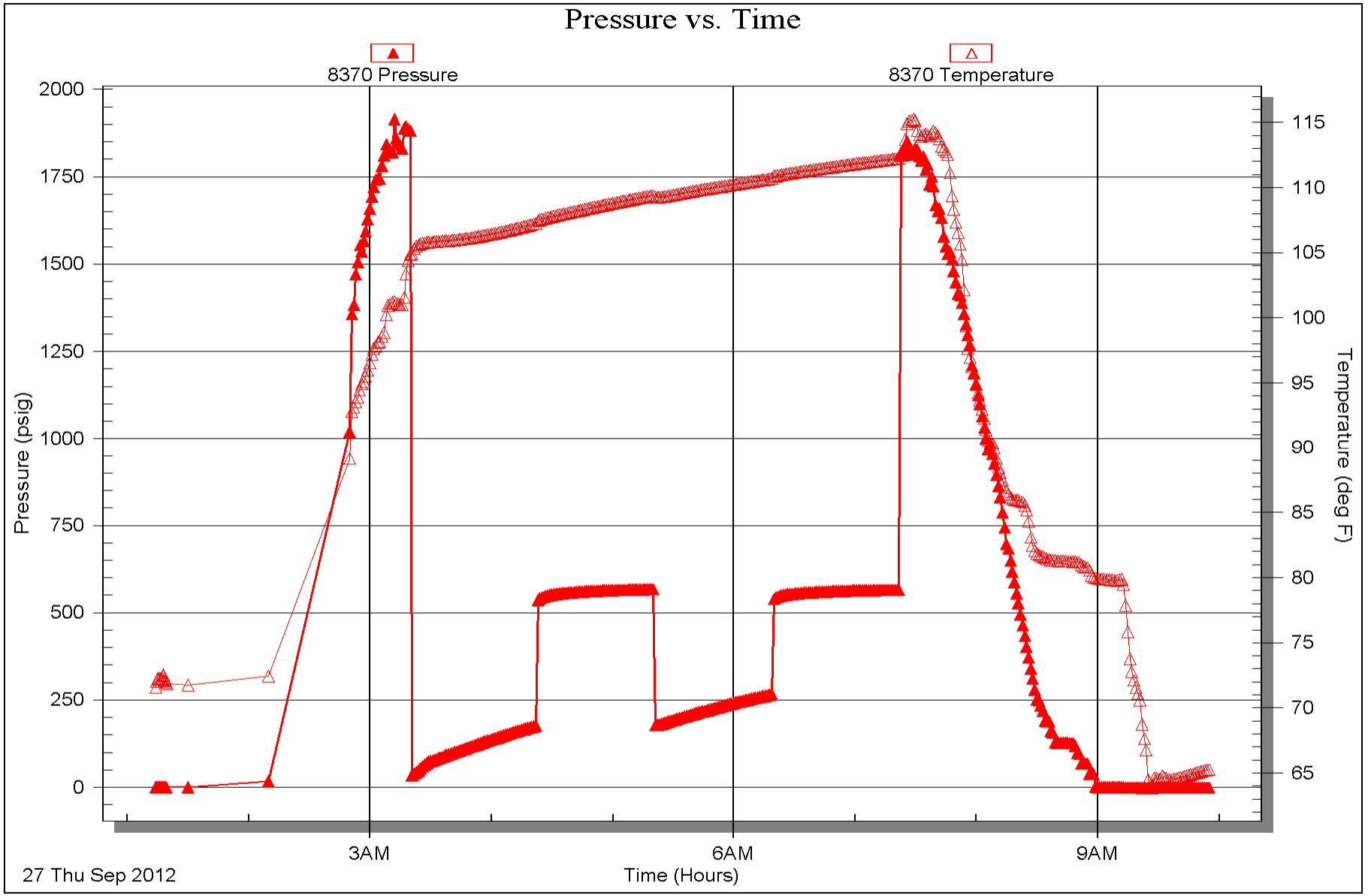
Recovery Comments: Read 415 ppm H2s on floor Rw .2ohms@49deg

Serial #: 8352 **Outside** Novy Oil & Gas Inc. Snow barger #1 DST Test Number: 2



Trilobite Testing, Inc Ref. No: 49611 Printed: 2012.10.01 @ 15:18:05

Serial #: 8370 **Inside** Novy Oil & Gas Inc. Snow barger #1 DST Test Number: 2



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TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

4/10

Test Ticket

NO. 49610

Well Name & No. SNOWBARGER #1 Test No. 1 Date 9-26-12

Company NOVA OIL & GAS INC. Elevation 1786 KB 1777 GL

Address P.O. Box 559, GODDARD KS. 67052

Co. Rep / Geo. DAVID GOLDAK Rig LANDMARK DRLG. #6

Location: Sec. 21 Twp. 23S Rge. 10W Co. RENO State KS.

Interval Tested 3772 - 3782' Zone Tested VIOLA

Anchor Length 10' Drill Pipe Run 3629' Mud Wt. 9.2

Top Packer Depth 3767' Drill Collars Run 120 Vis 52

Bottom Packer Depth 3772' Wt. Pipe Run 0 WL 12.0 cc

Total Depth 3782' Chlorides 4700' ppm System LCM 1#

Blow Description IF: Weak surface blow. Dead in 40 mins.
ISI: No blow.
FF: No blow. FSI: No blow.

Rec 5	Feet of SOCUM	%gas 2	%oil 13	%water 85	%mud	
Rec	Feet of 1" layer of clean oil @ top	%gas	%oil	%water	%mud	
Rec	Feet of of tool	%gas	%oil	%water	%mud	
Rec	Feet of	%gas	%oil	%water	%mud	
Rec	Feet of	%gas	%oil	%water	%mud	

Rec Total 5 BHT 110° Gravity N/A API RW N.C. @ — °F Chlorides 4700 ppm

(A) Initial Hydrostatic 1865	☑ Test 1150	T-On Location 0605	
(B) First Initial Flow 17	☑ Jars 250	T-Started 0723	
(C) First Final Flow 23	☑ Safety Joint 75	T-Open 0936	
(D) Initial Shut-In 569	☐ Circ Sub	T-Pulled 1304	
(E) Second Initial Flow 25	☐ Hourly Standby	T-Out 1455	
(F) Second Final Flow 32	☑ Mileage 85 131.75	Comments	
(G) Final Shut-In 568	☐ Sampler		
(H) Final Hydrostatic 1840	☐ Straddle	☐ Ruined Shale Packer	
	☐ Shale Packer	☐ Ruined Packer	
Initial Open 45	☐ Extra Packer	☐ Extra Copies	
Initial Shut-In 60	☐ Extra Recorder	Sub Total 0	
Final Flow 45	☐ Day Standby	Total 1756.75	
Final Shut-In 45	☑ Accessibility 150	MP/DST Disc't	
	Sub Total 1756.75		

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

4/10

Test Ticket

NO. 49611

Well Name & No. SNOWBARGER #1 Test No. 2 Date 9-27-12

Company NOVY OIL & GAS INC. Elevation 1786 KB 1777 GL

Address P.O. Box 559; GODDARD KS. 67052

Co. Rep / Geo. DAVID GOLDAK Rig LANDMARK DRLG. #6

Location: Sec. 21 Twp. 23S Rge. 10W Co. RENO State KS.

Interval Tested 3782 ~ 3792' Zone Tested VIOLA

Anchor Length 10' Drill Pipe Run 3654' Mud Wt. 9.0

Top Packer Depth 3777' Drill Collars Run 120' Vis 55

Bottom Packer Depth 3782' Wt. Pipe Run 0 WL 11.2

Total Depth 3792' Chlorides 6500 ppm System LCM 1#

Blow Description IF: Fair to strong blow. B.O.B. in 26 mins.
ISI: No blow.
FF: Fair blow. Increase to 13". FSI: No blow.

Rec 1	Feet of Clean oil (180' of GIP)	%gas	%oil	%water	%mud
Rec 120	Feet of OCMW	%gas 6	%oil 85	%water 9	%mud
Rec 434	Feet of SW w/o specs	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 555 BHT 112° Gravity N/A API RW -2 @ 49 °F Chlorides 56,000 ppm

(A) Initial Hydrostatic	1885	☑ Test	1150	T-On Location	0053
(B) First Initial Flow	25	☑ Jars	250	T-Started	0118
(C) First Final Flow	175	☑ Safety Joint	75	T-Open	0321
(D) Initial Shut-In	565	☐ Circ Sub		T-Pulled	0716
(E) Second Initial Flow	175	☐ Hourly Standby		T-Out	0957
(F) Second Final Flow	265	☑ Mileage (85)	131.75	Comments	
(G) Final Shut-In	563	☐ Sampler			
(H) Final Hydrostatic	1851	☐ Straddle		☐ Ruined Shale Packer	
		☐ Shale Packer		☐ Ruined Packer	
Initial Open	60	☐ Extra Packer		☐ Extra Copies	
Initial Shut-In	60	☐ Extra Recorder		Sub Total	0
Final Flow	60	☐ Day Standby		Total	1756.75
Final Shut-In	60	☑ Accessibility	150	MP/DST Disc't	
		Sub Total	1756.75		

Approved By Kurt Goldak Our Representative Cory Donaldson