



WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

Purchaser: _____

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 #: _____

Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date
-----------------------------------	-----------------	---

API No. 15 - _____

Spot Description: _____

_____ - _____ - _____ Sec. _____ Twp. _____ S. R. _____ East West

_____ Feet from North / South Line of Section

_____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Depth: _____ Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: _____ 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: _____ ppm Fluid volume: _____ bbls

Dewatering method used: _____

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: _____ Date: _____



1102731

Operator Name: _____ Lease Name: _____ Well #: _____

Sec. _____ Twp. _____ S. R. _____ East West County: _____

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 <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Submitted Electronically <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run:	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
---	---

CASING RECORD <input 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

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

TUBING RECORD: Size: _____ Set At: _____ Packer At: _____ Liner Run: Yes No

Date of First, Resumed Production, SWD or ENHR. _____ Producing Method:
 Flowing Pumping Gas Lift Other *(Explain)* _____

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	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 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 <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
--	---	---

SEP 1 2012

ALLIED CEMENTING CO., LLC. 037718

Federal Tax I.D.# 20-5975804

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:
Medicine Lodge KS

DATE <u>8-27-12</u>	SEC.	TWP.	RANGE	CALLED OUT <u>3:00 AM</u>	ON LOCATION <u>5:00 AM</u>	JOB START <u>8:15 AM</u>	JOB FINISH <u>8:45 AM</u>
LEASEE <u>Brown</u>	WELL # <u>2</u>	LOCATION <u>1/4 + Belmont Rd 6 E,</u>		COUNTY <u>Kingman</u>	STATE <u>Kansas</u>		
OLD OR <input checked="" type="radio"/> NEW (Circle one)		<u>5/5</u>		<u>2-01</u>		<u>7.05</u>	

CONTRACTOR Landmark

TYPE OF JOB Surface

HOLE SIZE 12 1/4 TD. 268'

CASING SIZE 8 3/8 DEPTH 264'

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX 200 MINIMUM -

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG. 20'

PERFS.

DISPLACEMENT 15 3/4 Bbls Freshwater

OWNER Novi Oil + Gas

CEMENT AMOUNT ORDERED

250 sk x 60 = 40:27.966 + 3.1 cc

COMMON	<u>150 sk</u>	@ <u>16.85</u>	<u>2437.50</u>
POZMIX	<u>100 sk</u>	@ <u>8.50</u>	<u>850.00</u>
GEL	<u>5 sk</u>	@ <u>21.85</u>	<u>106.85</u>
CHLORIDE	<u>.9 sk</u>	@ <u>58.20</u>	<u>52.38</u>
ASC		@	

EQUIPMENT

PUMP TRUCK CEMENTER Paul Bolding 1

260-263 HELPER Scott Airdy 2

BULK TRUCK

356 DRIVER Brandon Beer 3

BULK TRUCK DRIVER

HANDLING	<u>268.61</u>	@ <u>2.10</u>	<u>564.08</u>
MILEAGE	<u>11.29 x 35 x 2.35</u>		<u>928.60</u>
TOTAL			<u>5412.23</u>

REMARKS:

Thank you

CHARGE TO: Novi Oil + Gas

STREET

CITY STATE ZIP

TOTAL 1710-

PLUG & FLOAT EQUIPMENT

<u>1-wooden plug</u>	@	<u>92-</u>	<u>-</u>
	@		
	@		
	@		
	@		

TOTAL 92-

To Allied Cementing Co., LLC.
You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or 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 TERMS AND CONDITIONS" listed on the reverse side.

SALES TAX (if Any)	<u>282.67</u>
TOTAL CHARGES	<u>\$ 7212.23</u>
DISCOUNT	<u>200</u> - IF PAID IN 30 DAYS

PRINTED NAME

SIGNATURE [Signature]

Net \$ 5769.78

D 1442.45

ALLIED OIL & GAS SERVICES, LLC 059009

Federal Tax I.D.# 20-5975804

REMIT TO P.O. BOX 93999
SOUTHLAKE, TEXAS 76092

SERVICE POINT:
Great Bend

DATE <u>9/8/12</u>	SEC <u>10</u>	TWP <u>29S</u>	RANGE <u>6W</u>	CALLED OUT	ON LOCATION <u>4:00 PM</u>	JOB START <u>9:30 PM</u>	JOB FINISH <u>10:30 PM</u>
LEASE <u>Brown</u>	WELL # <u>2</u>	281 South to East 54 to Kingman - South LOCATION on Main Street, East on Belmont Kingman			COUNTY	STATE	
OLD OR NEW (Circle one) <u>NEW</u>				Bled Top, South into location		<u>2.0V</u>	<u>7.05</u>

CONTRACTOR Landmark 6
 TYPE OF JOB Production Casing
 HOLE SIZE 7 7/8" TD. 4502 FT
 CASING SIZE 5 1/2" 15.5" DEPTH 4201 FT
 TUBING SIZE DEPTH
 DRILL PIPE DEPTH
 TOOL DEPTH
 PRES. MAX MINIMUM
 MEAS. LINE SHOE JOINT
 CEMENT LEFT IN CSG. 42 FT
 PERFS.
 DISPLACEMENT 99 bbls Fresh Water

OWNER NOVY Oil & Gas
 CEMENT
 AMOUNT ORDERED 130 sy 60/40 + 10 sy Kol Seal + 1/4 sy Flo Seal

EQUIPMENT
 PUMP TRUCK CEMENTER Charles F. King 1
 # 366 HELPER Kevin Eddy 2
 BULK TRUCK
 # 378 DRIVER Dan Casper 2
 BULK TRUCK
 # DRIVER

COMMON	<u>78</u>	@	<u>17.90</u>	<u>1,396.20</u>
POZMIX	<u>52</u>	@	<u>9.35</u>	<u>486.20</u>
GEL		@		
CHLORIDE		@		
ASC		@		
Kol Seal	<u>1300</u>	@	<u>.98</u>	<u>1,274.00</u>
Flo Seal	<u>32</u>	@	<u>2.97</u>	<u>95.04</u>
HANDLING	<u>158.13</u>	@	<u>2.48</u>	<u>392.16</u>
MILEAGE	<u>6.26 x 35</u>	@	<u>2.60</u>	<u>567.27</u>
	<u>218.95</u>			
TOTAL				<u>4,212.87</u>

REMARKS:
Drop Ball, Pump 12 bbls Mud Flush
Shear Packer Slide + Circulate 30 min
Fill Mouse + Rat Hole with 6.5 bbls Cement
Pump 5 bbls Fresh Water
Pump 27 bbls Cement
Wash Pumps + Lines
Drop Dart
Displace with 99 bbls Fresh Water

SERVICE

DEPTH OF JOB	<u>4201</u>		
PUMP TRUCK CHARGE	<u>2558.25</u>		
EXTRA FOOTAGE	@		
MILEAGE	<u>Hum 35</u>	@	<u>7.70</u> <u>269.50</u>
MANIFOLD	@		
	<u>Hum 35</u>	@	<u>4.40</u> <u>154.00</u>
TOTAL			<u>2,982.25</u>

CHARGE TO: NOVY Oil & Gas
 STREET _____
 CITY _____ STATE _____ ZIP _____

PLUG & FLOAT EQUIPMENT

Latch Down Plug	@	<u>324.09</u>	<u>324.09</u>
Packer Shoe	@	<u>2709.22</u>	
4 centralizers	@	<u>57.33</u>	<u>229.32</u>
1 Basket	@	<u>394.29</u>	<u>394.29</u>
TOTAL			<u>3,657.92</u>

To: Allied Oil & Gas Services, LLC.
 You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or 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 TERMS AND CONDITIONS" listed on the reverse side.

SALES TAX (If Any) 487.07
 TOTAL CHARGES 10,852.56
 DISCOUNT 2176 2,279.04
8,573.52 IF PAID IN 30 DAYS

PRINTED NAME Michael Novy
 SIGNATURE [Signature]



DRILL STEM TEST REPORT

Prepared For: **Novy Oil & Gas**

PO Box 559
Goddard, KS 67052

ATTN: David Gould

Brown #2

10-29s-6w Kingman,KS

Start Date: 2012.09.01 @ 20:18:21

End Date: 2012.09.02 @ 06:12:51

Job Ticket #: 49568 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2012.09.11 @ 14:02:42



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Novy Oil & Gas

10-29s-6w Kingman, KS

PO Box 559
Goddard, KS 67052

Brown #2

Job Ticket: 49568

DST#: 1

ATTN: David Gould

Test Start: 2012.09.01 @ 20:18:21

GENERAL INFORMATION:

Formation: **Swope**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 21:55:51

Time Test Ended: 06:12:51

Test Type: Conventional Bottom Hole (Initial)

Tester: Leal Cason

Unit No: 63

Interval: 3644.00 ft (KB) To 3660.00 ft (KB) (TVD)

Reference Elevations: 1528.00 ft (KB)

Total Depth: 3660.00 ft (KB) (TVD)

1520.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 8.00 ft

Serial #: 6798

Inside

Press @ Run Depth: 297.06 psig @ 3645.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.09.01

End Date:

2012.09.02

Last Calib.:

2012.09.02

Start Time: 20:18:22

End Time:

06:12:51

Time On Btm:

2012.09.01 @ 21:54:06

Time Off Btm:

2012.09.02 @ 03:57:21

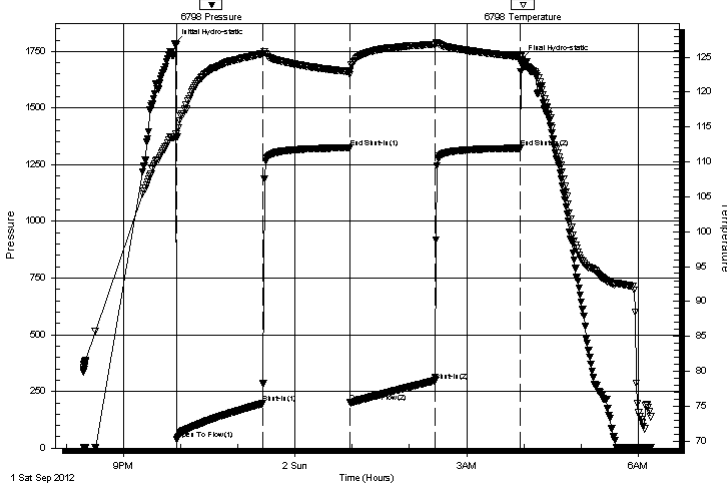
TEST COMMENT: IF: Weak Blow, BOB in 58 minutes

IS: No Blow Back

FF: Weak Blow, Built to 2 inches

FS: No Blow Back

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1785.74	113.56	Initial Hydro-static
2	39.24	113.55	Open To Flow (1)
93	197.69	125.50	Shut-In(1)
184	1325.51	122.93	End Shut-In(1)
184	201.14	122.49	Open To Flow (2)
273	297.06	126.84	Shut-In(2)
363	1323.45	125.06	End Shut-In(2)
364	1714.66	124.05	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
436.00	Water	5.05
40.00	MCW 10%M 90%W	0.56

Gas Rates

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



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Novy Oil & Gas

10-29s-6w Kingman,KS

PO Box 559
Goddard, KS 67052

Brown #2

Job Ticket: 49568 **DST#: 1**

ATTN: David Gould

Test Start: 2012.09.01 @ 20:18:21

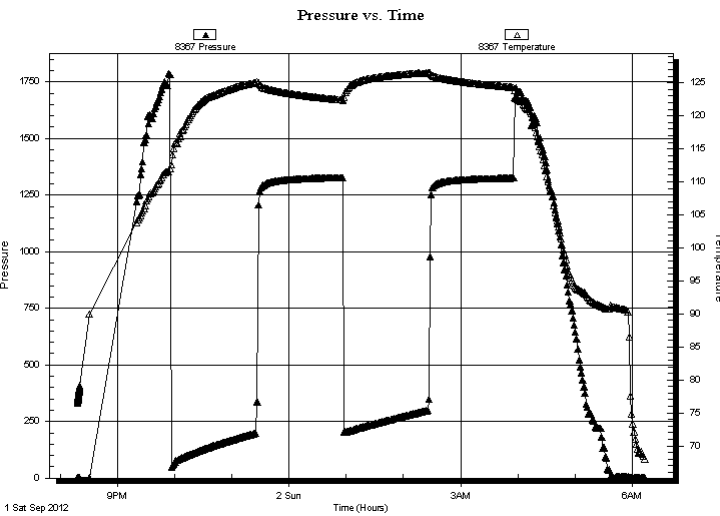
GENERAL INFORMATION:

Formation: Swope		Test Type: Conventional Bottom Hole (Initial)
Deviated: No Whipstock: ft (KB)		Tester: Leal Cason
Time Tool Opened: 21:55:51		Unit No: 63
Time Test Ended: 06:12:51		
Interval: 3644.00 ft (KB) To 3660.00 ft (KB) (TVD)		Reference Elevations: 1528.00 ft (KB)
Total Depth: 3660.00 ft (KB) (TVD)		1520.00 ft (CF)
Hole Diameter: 7.88 inches	Hole Condition: Good	KB to GR/CF: 8.00 ft

Serial #: 8367 Outside

Press @ Run Depth: psig @ 3645.00 ft (KB)	Capacity: 8000.00 psig
Start Date: 2012.09.01 End Date: 2012.09.02	Last Calib.: 2012.09.02
Start Time: 20:18:22 End Time: 06:12:51	Time On Btm:
	Time Off Btm:

TEST COMMENT: IF: Weak Blow , BOB in 58 minutes
 IS: No Blow Back
 FF: Weak Blow , Built to 2 inches
 FS: No Blow Back



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
436.00	Water	5.05
40.00	MCW 10%M 90%W	0.56

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Novy Oil & Gas

10-29s-6w Kingman,KS

PO Box 559
Goddard, KS 67052

Brown #2

Job Ticket: 49568

DST#: 1

ATTN: David Gould

Test Start: 2012.09.01 @ 20:18:21

Tool Information

Drill Pipe:	Length: 3518.00 ft	Diameter: 3.80 inches	Volume: 49.35 bbl	Tool Weight: 2100.00 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: 117.00 ft	Diameter: 2.25 inches	Volume: 0.58 bbl	Weight to Pull Loose: 46000.00 lb
			<u>Total Volume: 49.93 bbl</u>	Tool Chased ft
Drill Pipe Above KB:	18.00 ft			String Weight: Initial 40000.00 lb
Depth to Top Packer:	3644.00 ft			Final 44000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	16.00 ft			
Tool Length:	43.00 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			3622.00	
Hydraulic tool	5.00			3627.00	
Jars	5.00			3632.00	
Safety Joint	2.00			3634.00	
Packer	5.00			3639.00	27.00 Bottom Of Top Packer
Packer	5.00			3644.00	
Stubb	1.00			3645.00	
Recorder	0.00	6798	Inside	3645.00	
Recorder	0.00	8367	Outside	3645.00	
Perforations	12.00			3657.00	
Bullnose	3.00			3660.00	16.00 Bottom Packers & Anchor

Total Tool Length: 43.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Novy Oil & Gas

10-29s-6w Kingman,KS

PO Box 559
Goddard, KS 67052

Brown #2

Job Ticket: 49568

DST#: 1

ATTN: David Gould

Test Start: 2012.09.01 @ 20:18:21

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:

94000 ppm

Viscosity: 40.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 12.76 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 5000.00 ppm

Filter Cake: 0.02 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
436.00	Water	5.050
40.00	MCW 10%M 90%W	0.561

Total Length: 476.00 ft Total Volume: 5.611 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW was .09 @ 66 degrees

Serial #: 6798

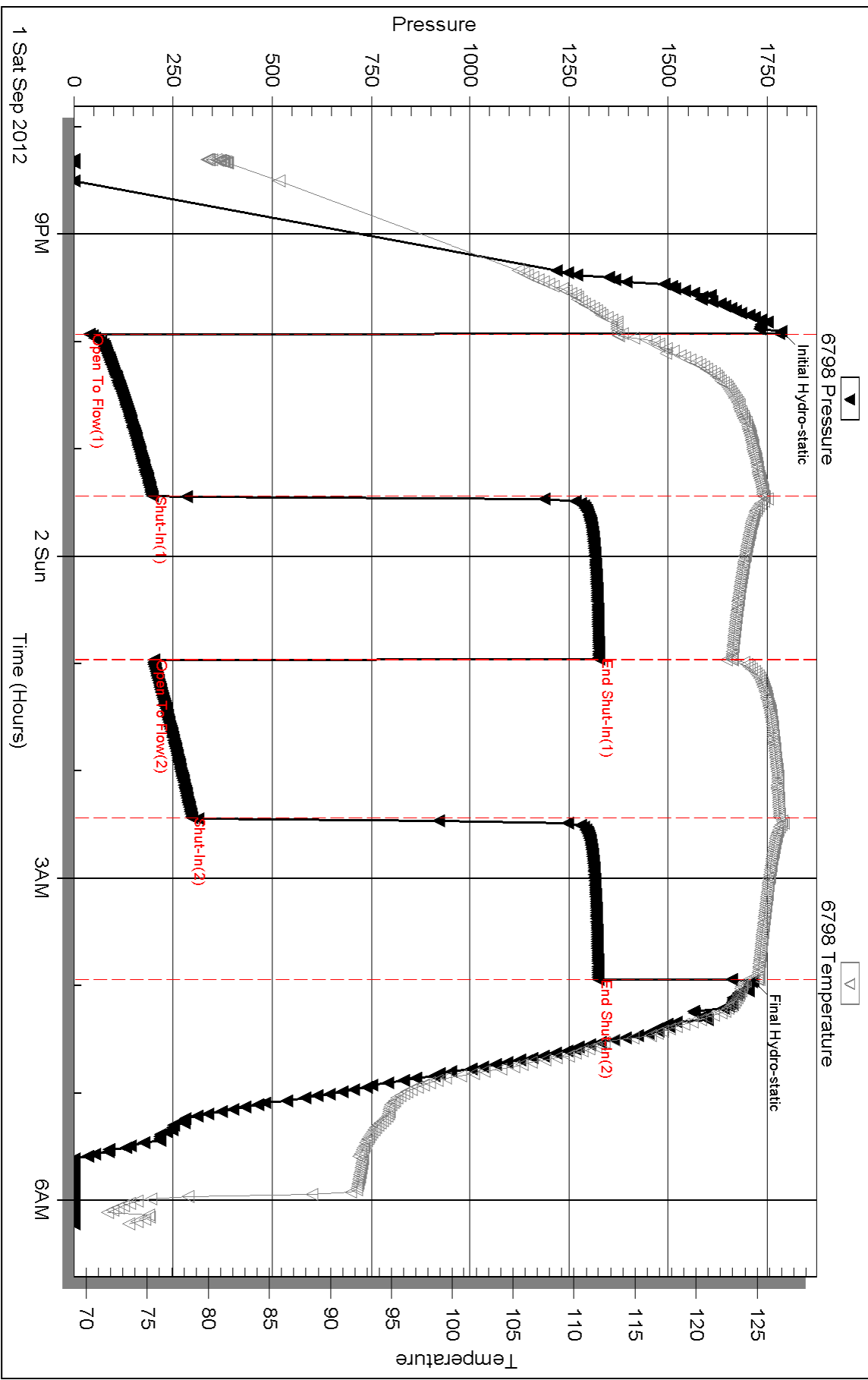
Inside

Novy Oil & Gas

Brown #2

DST Test Number: 1

Pressure vs. Time



Triobite Testing, Inc

Ref. No: 49568

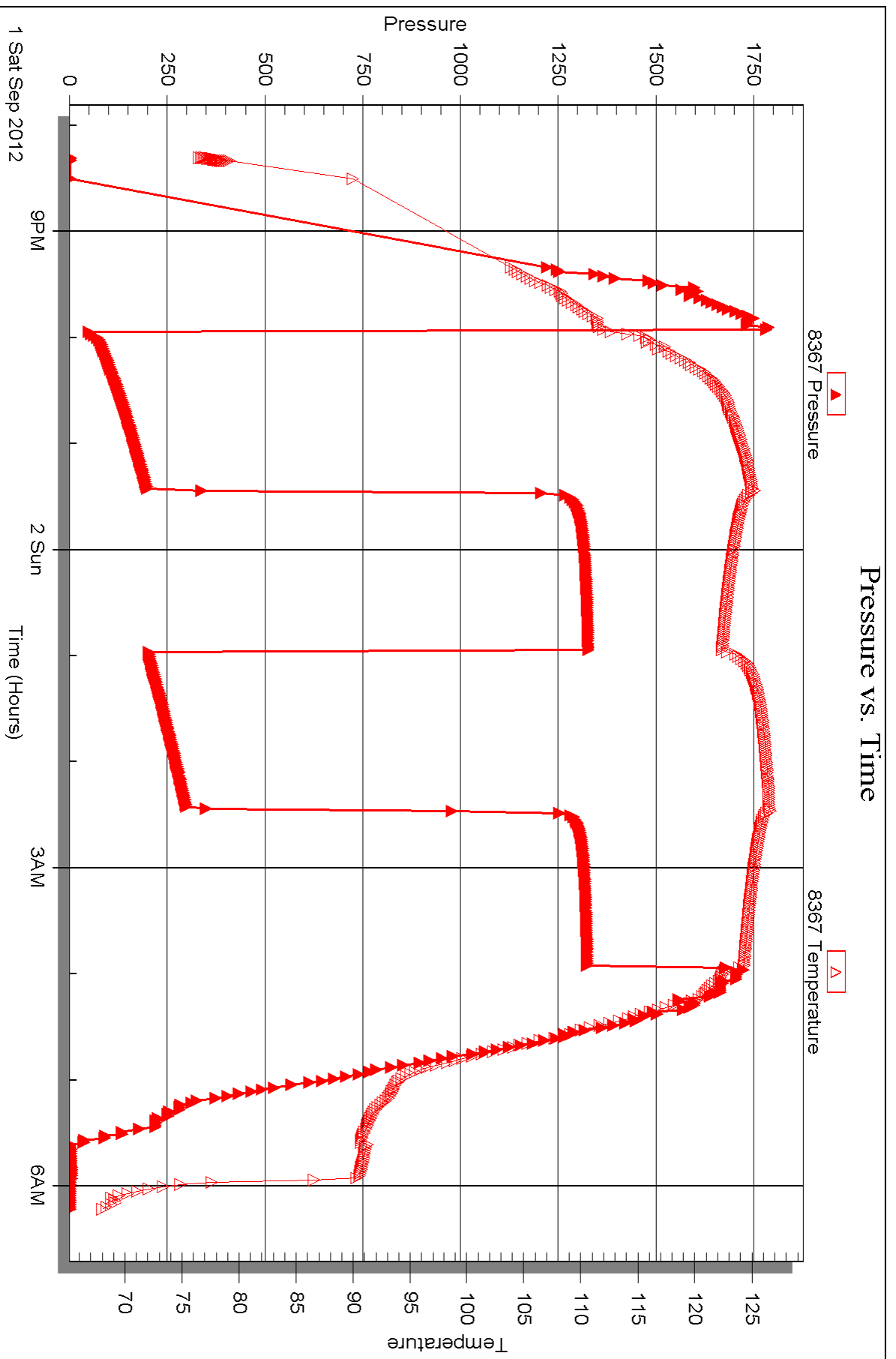
Printed: 2012.09.11 @ 14:02:46

Serial #: 8367

Outside Novy Oil & Gas

Brown #2

DST Test Number: 1





DRILL STEM TEST REPORT

Prepared For: **Novy Oil & Gas**

PO Box 559
Goddard, KS 67052

ATTN: David Gould

Brown #2

10-29s-6w Kingman,KS

Start Date: 2012.09.03 @ 20:37:14

End Date: 2012.09.04 @ 07:18:29

Job Ticket #: 49569 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2012.09.11 @ 14:01:56



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Novy Oil & Gas

10-29s-6w Kingman, KS

PO Box 559
Goddard, KS 67052

Brown #2

Job Ticket: 49569

DST#: 2

ATTN: David Gould

Test Start: 2012.09.03 @ 20:37:14

GENERAL INFORMATION:

Formation: **Mississippi**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 23:15:44

Time Test Ended: 07:18:29

Test Type: Conventional Bottom Hole (Reset)

Tester: Leal Cason

Unit No: 63

Interval: 4048.00 ft (KB) To 4058.00 ft (KB) (TVD)

Reference Elevations: 1528.00 ft (KB)

Total Depth: 4058.00 ft (KB) (TVD)

1520.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 8.00 ft

Serial #: 6798

Inside

Press @ Run Depth: 29.09 psig @ 4049.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.09.03

End Date:

2012.09.04

Last Calib.: 2012.09.04

Start Time: 20:37:15

End Time:

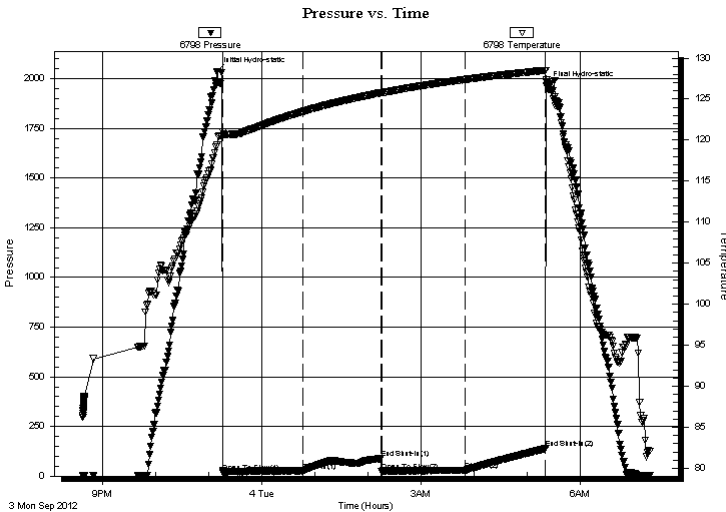
07:18:29

Time On Btm: 2012.09.03 @ 23:09:14

Time Off Btm: 2012.09.04 @ 05:21:29

TEST COMMENT: IF: Weak Blow , Built to 5 inches, Died Off to 1 inch
IS: No Blow Back
FF: Weak 1 inch Blow
FS: No Blow Back

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2037.17	119.37	Initial Hydro-static
7	17.37	120.93	Open To Flow (1)
97	25.64	123.45	Shut-In(1)
185	88.90	125.77	End Shut-In(1)
186	22.52	125.76	Open To Flow (2)
281	29.09	127.38	Shut-In(2)
372	138.49	128.50	End Shut-In(2)
373	1964.17	127.36	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
40.00	GCM 2%G 98%M	0.20

Gas Rates

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

* Recovery from multiple tests



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Novy Oil & Gas

10-29s-6w Kingman, KS

PO Box 559
Goddard, KS 67052

Brown #2

Job Ticket: 49569 **DST#: 2**

ATTN: David Gould

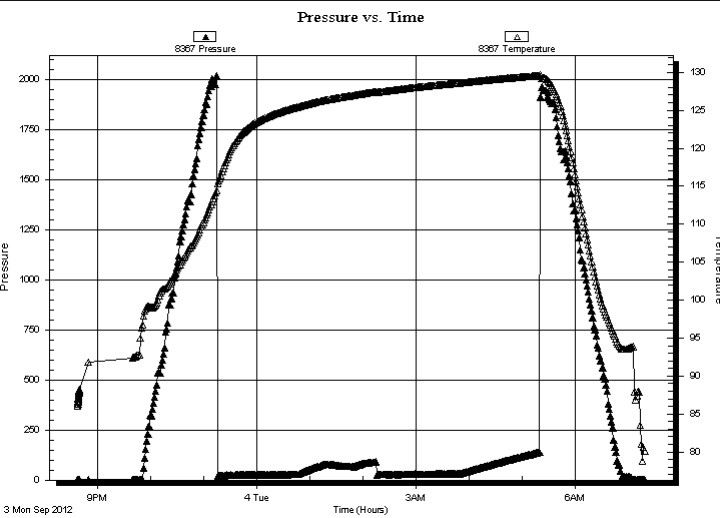
Test Start: 2012.09.03 @ 20:37:14

GENERAL INFORMATION:

Formation: **Mississippi**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Reset)
 Time Tool Opened: 23:15:44 Tester: Leal Cason
 Time Test Ended: 07:18:29 Unit No: 63
 Interval: **4048.00 ft (KB) To 4058.00 ft (KB) (TVD)** Reference Elevations: 1528.00 ft (KB)
 Total Depth: 4058.00 ft (KB) (TVD) 1520.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Good KB to GR/CF: 8.00 ft

Serial #: 8367 **Outside**
 Press @ Run Depth: psig @ 4049.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2012.09.03 End Date: 2012.09.04 Last Calib.: 2012.09.04
 Start Time: 20:37:15 End Time: 07:18:29 Time On Btm:
 Time Off Btm:

TEST COMMENT: IF: Weak Blow, Built to 5 inches, Died Off to 1 inch
 IS: No Blow Back
 FF: Weak 1 inch Blow
 FS: No Blow Back



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

Recovery		
Length (ft)	Description	Volume (bbl)
40.00	GCM 2%G 98%M	0.20

* 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

10-29s-6w Kingman,KS

PO Box 559
Goddard, KS 67052

Brown #2

Job Ticket: 49569

DST#: 2

ATTN: David Gould

Test Start: 2012.09.03 @ 20:37:14

Tool Information

Drill Pipe:	Length: 3920.00 ft	Diameter: 3.80 inches	Volume: 54.99 bbl	Tool Weight:	2100.00 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: 117.00 ft	Diameter: 2.25 inches	Volume: 0.58 bbl	Weight to Pull Loose:	45000.00 lb
			<u>Total Volume: 55.57 bbl</u>	Tool Chased	ft
Drill Pipe Above KB:	16.00 ft			String Weight: Initial	41000.00 lb
Depth to Top Packer:	4048.00 ft			Final	41000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	10.00 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
------------------	-------------	------------	----------	------------	----------------

Shut In Tool	5.00			4026.00	
Hydraulic tool	5.00			4031.00	
Jars	5.00			4036.00	
Safety Joint	2.00			4038.00	
Packer	5.00			4043.00	27.00 Bottom Of Top Packer
Packer	5.00			4048.00	
Stubb	1.00			4049.00	
Recorder	0.00	6798	Inside	4049.00	
Recorder	0.00	8367	Outside	4049.00	
Perforations	6.00			4055.00	
Bullnose	3.00			4058.00	10.00 Bottom Packers & Anchor

Total Tool Length: 37.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Novy Oil & Gas

10-29s-6w Kingman,KS

PO Box 559
Goddard, KS 67052

Brown #2

Job Ticket: 49569

DST#: 2

ATTN: David Gould

Test Start: 2012.09.03 @ 20:37:14

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 10.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 45.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 12.36 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 5000.00 ppm

Filter Cake: 0.02 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
40.00	GCM 2%G 98%M	0.197

Total Length: 40.00 ft Total Volume: 0.197 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 6798

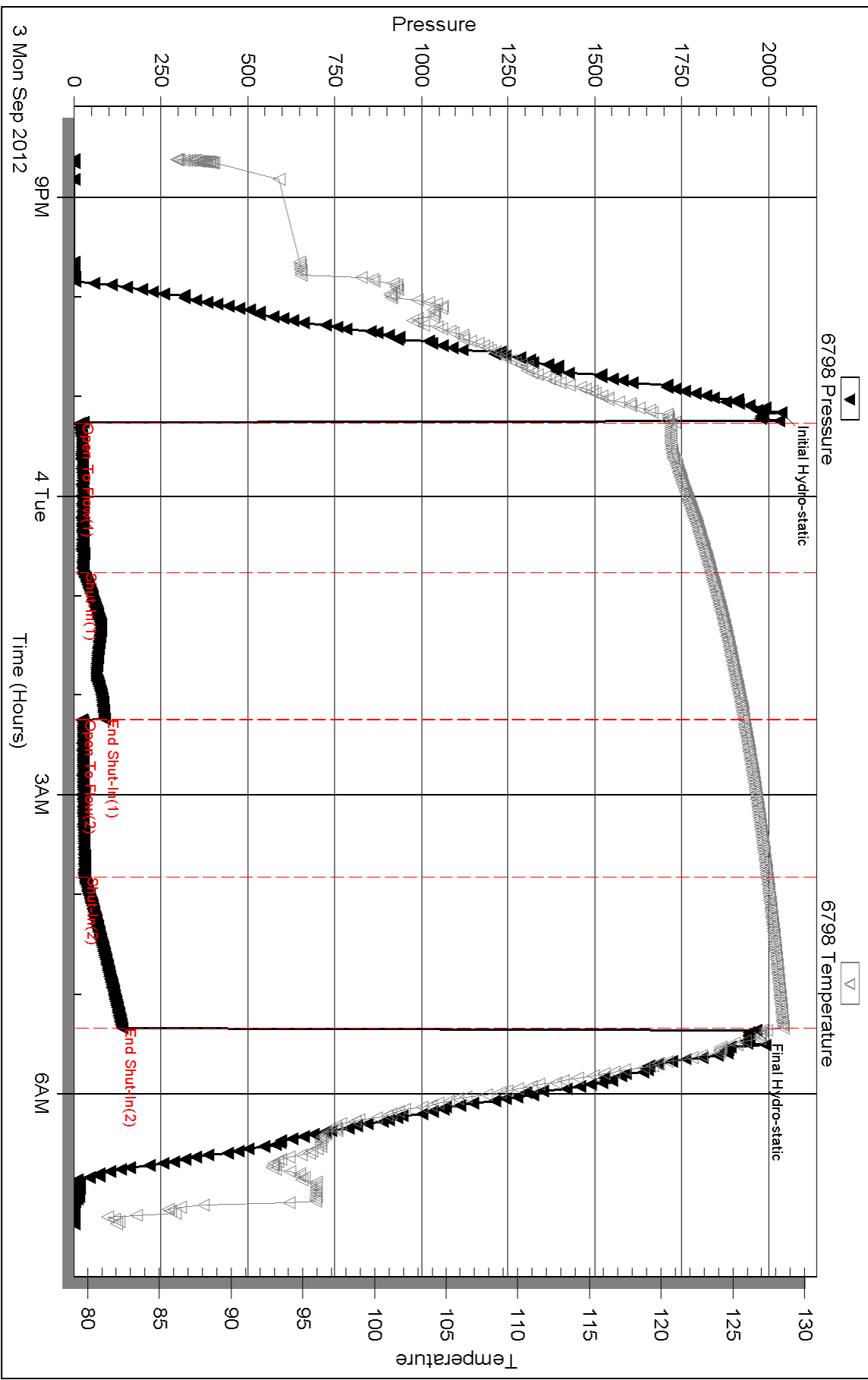
Inside

Novy Oil & Gas

Brown #2

DST Test Number: 2

Pressure vs. Time



Triobite Testing, Inc

Ref. No: 49569

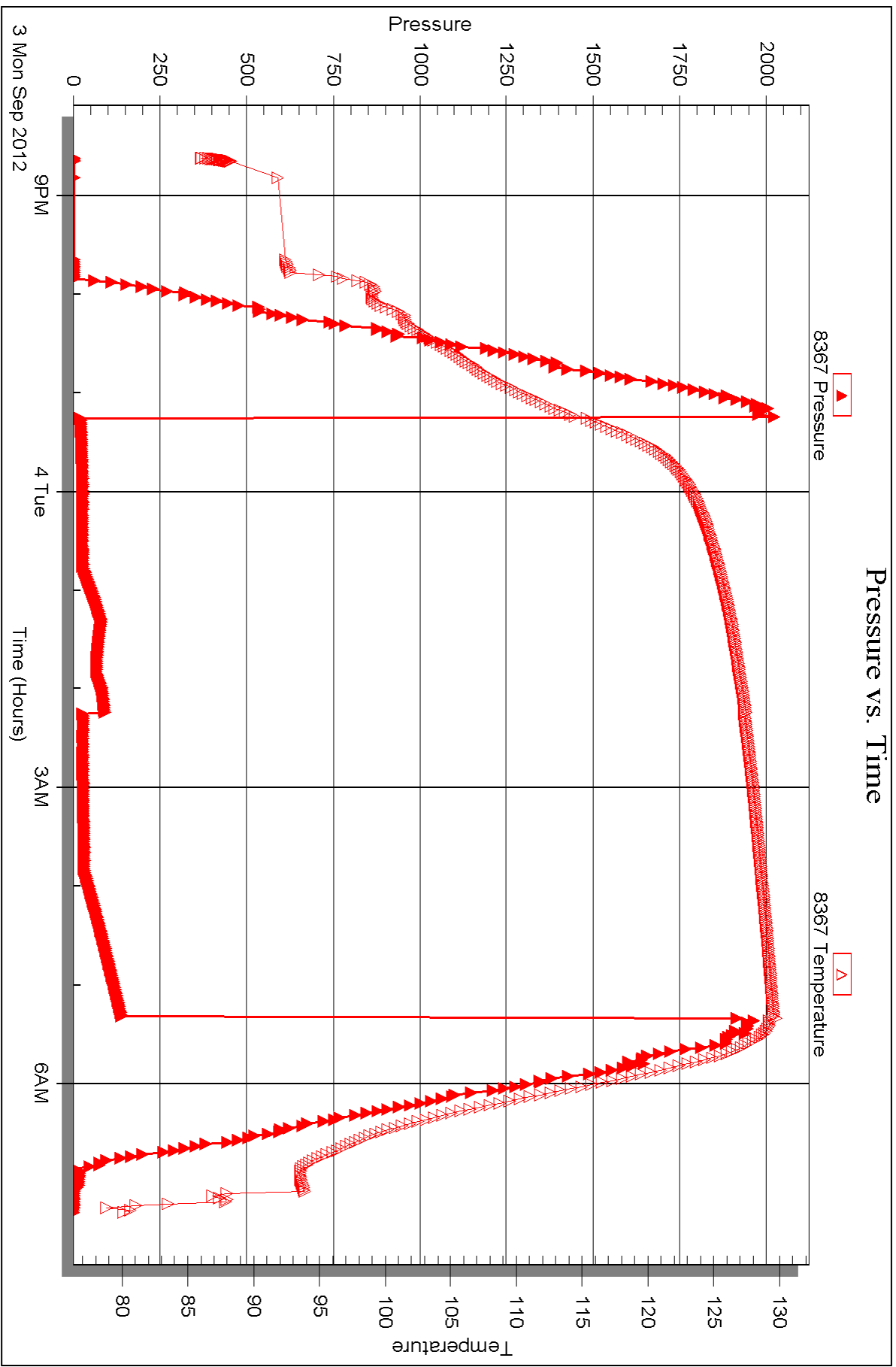
Printed: 2012.09.11 @ 14:02:01

Serial #: 8367

Outside Novy Oil & Gas

Brown #2

DST Test Number: 2





DRILL STEM TEST REPORT

Prepared For: **Novy Oil & Gas**

PO Box 559
Goddard, KS 67052

ATTN: David Gould

Brown #2

10-29s-6w Kingman,KS

Start Date: 2012.09.04 @ 15:12:38

End Date: 2012.09.05 @ 01:24:08

Job Ticket #: 49570 DST #: 3

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

Printed: 2012.09.11 @ 14:00:33



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Novy Oil & Gas

10-29s-6w Kingman, KS

PO Box 559
Goddard, KS 67052

Brown #2

Job Ticket: 49570

DST#: 3

ATTN: David Gould

Test Start: 2012.09.04 @ 15:12:38

GENERAL INFORMATION:

Formation: **Mississippi**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 17:29:08

Time Test Ended: 01:24:08

Test Type: Conventional Bottom Hole (Reset)

Tester: Leal Cason

Unit No: 63

Interval: 4048.00 ft (KB) To 4066.00 ft (KB) (TVD)

Reference Elevations: 1528.00 ft (KB)

Total Depth: 4066.00 ft (KB) (TVD)

1520.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 8.00 ft

Serial #: 6798

Inside

Press @ Run Depth: 70.62 psig @ 4049.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.09.04

End Date:

2012.09.05

Last Calib.:

2012.09.05

Start Time:

15:12:39

End Time:

01:24:08

Time On Btm:

2012.09.04 @ 17:28:23

Time Off Btm:

2012.09.04 @ 23:29:38

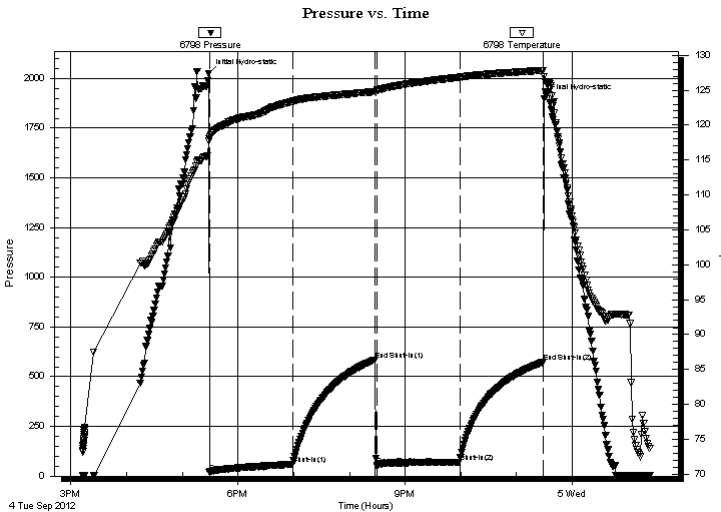
TEST COMMENT: IF: Strong Blow , BOB in 3 minutes

IS: No Blow Back

FF: Fair Blow , BOB in 6 minutes

FS: No Blow Back

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2022.90	117.66	Initial Hydro-static
1	19.70	118.06	Open To Flow (1)
91	61.72	123.38	Shut-In(1)
180	585.58	124.81	End Shut-In(1)
182	54.22	125.00	Open To Flow (2)
271	70.62	126.83	Shut-In(2)
361	573.13	127.83	End Shut-In(2)
362	1899.45	126.93	Final Hydro-static

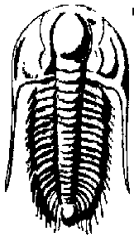
Recovery

Length (ft)	Description	Volume (bbl)
117.00	GOWCM 5%G 5%O 30%W 60%M	0.58
25.00	SOSM -1%O +99%M	0.35

Gas Rates

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

* Recovery from multiple tests



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Novy Oil & Gas

10-29s-6w Kingman,KS

PO Box 559
Goddard, KS 67052

Brown #2

Job Ticket: 49570

DST#: 3

ATTN: David Gould

Test Start: 2012.09.04 @ 15:12:38

GENERAL INFORMATION:

Formation: **Mississippi**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 17:29:08

Time Test Ended: 01:24:08

Test Type: Conventional Bottom Hole (Reset)

Tester: Leal Cason

Unit No: 63

Interval: 4048.00 ft (KB) To 4066.00 ft (KB) (TVD)

Reference Elevations: 1528.00 ft (KB)

Total Depth: 4066.00 ft (KB) (TVD)

1520.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 8.00 ft

Serial #: 8367 Outside

Press @ Run Depth: psig @ 4049.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.09.04

End Date:

2012.09.05

Last Calib.:

2012.09.05

Start Time: 15:12:39

End Time:

01:24:08

Time On Btm:

Time Off Btm:

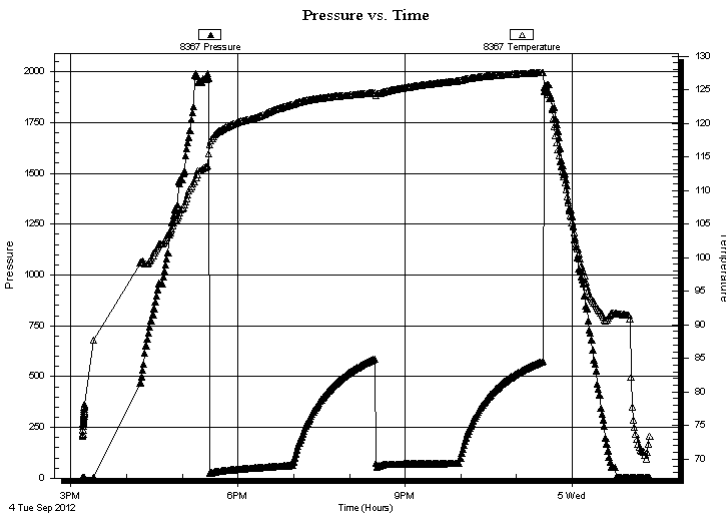
TEST COMMENT: IF: Strong Blow , BOB in 3 minutes

IS: No Blow Back

FF: Fair Blow , BOB in 6 minutes

FS: No Blow Back

PRESSURE SUMMARY



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

Recovery

Length (ft)	Description	Volume (bbl)
117.00	GOWCM 5%G 5%O 30%W 60%M	0.58
25.00	SOSM - 1%O +99%M	0.35

* 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

10-29s-6w Kingman,KS

PO Box 559
Goddard, KS 67052

Brown #2

Job Ticket: 49570

DST#: 3

ATTN: David Gould

Test Start: 2012.09.04 @ 15:12:38

Tool Information

Drill Pipe:	Length: 3919.00 ft	Diameter: 3.80 inches	Volume: 54.97 bbl	Tool Weight: 2100.00 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: 117.00 ft	Diameter: 2.25 inches	Volume: 0.58 bbl	Weight to Pull Loose: 60000.00 lb
			<u>Total Volume: 55.55 bbl</u>	Tool Chased ft
Drill Pipe Above KB:	15.00 ft			String Weight: Initial 41000.00 lb
Depth to Top Packer:	4048.00 ft			Final 43000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	18.00 ft			
Tool Length:	45.00 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			4026.00	
Hydraulic tool	5.00			4031.00	
Jars	5.00			4036.00	
Safety Joint	2.00			4038.00	
Packer	5.00			4043.00	27.00 Bottom Of Top Packer
Packer	5.00			4048.00	
Stubb	1.00			4049.00	
Recorder	0.00	6798	Inside	4049.00	
Recorder	0.00	8367	Outside	4049.00	
Perforations	14.00			4063.00	
Bullnose	3.00			4066.00	18.00 Bottom Packers & Anchor

Total Tool Length: 45.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Novy Oil & Gas

10-29s-6w Kingman,KS

PO Box 559
Goddard, KS 67052

Brown #2

Job Ticket: 49570

DST#: 3

ATTN: David Gould

Test Start: 2012.09.04 @ 15:12:38

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: 110000 ppm

Viscosity: 45.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 11.98 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 7000.00 ppm

Filter Cake: 0.02 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
117.00	GOWCM 5%G 5%O 30%W 60%M	0.575
25.00	SOSM -1%O +99%M	0.351

Total Length: 142.00 ft Total Volume: 0.926 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW w as .065 @ 85 degrees

Serial #: 6798

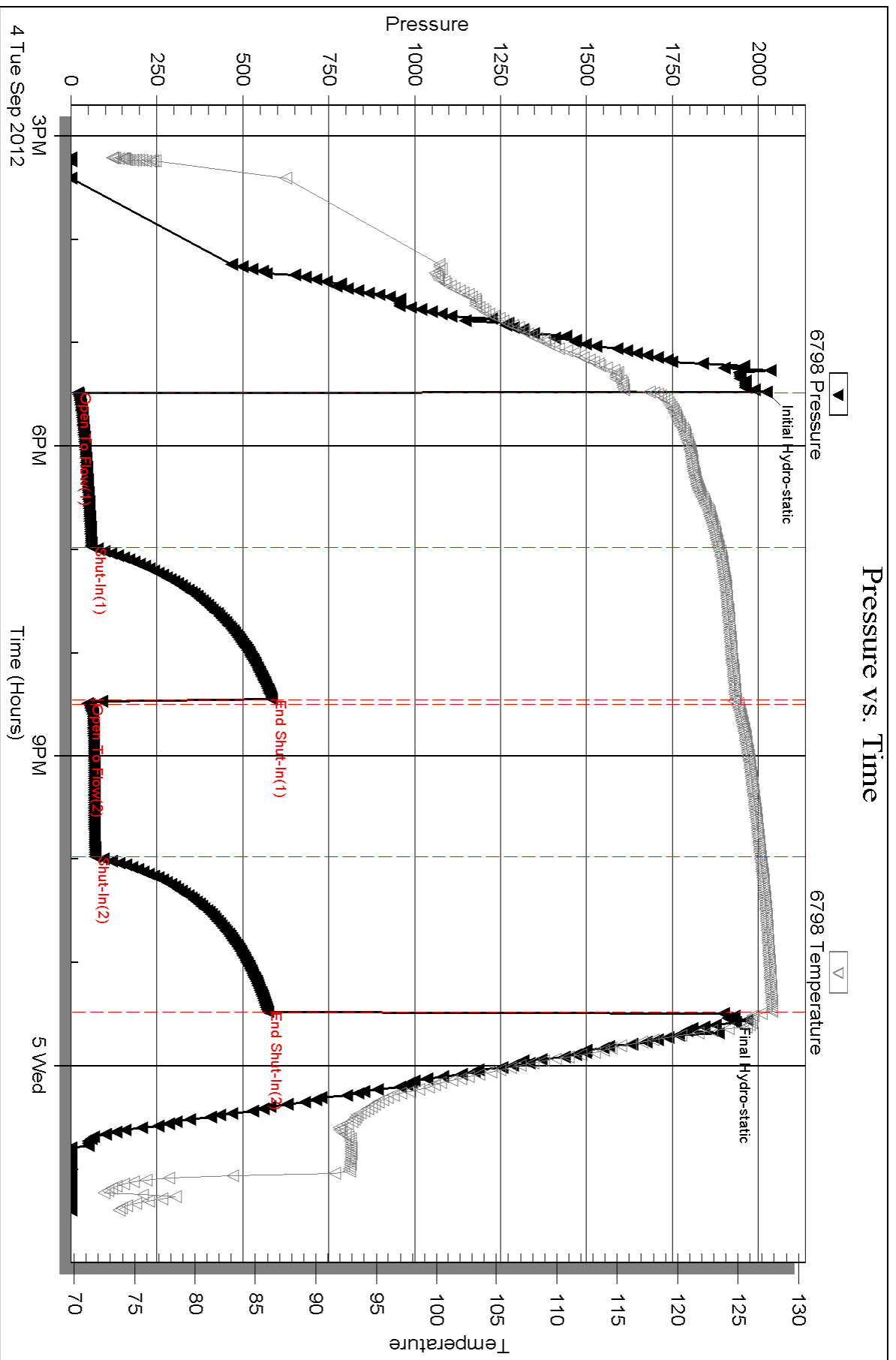
Inside

Novy Oil & Gas

Brown #2

DST Test Number: 3

Pressure vs. Time

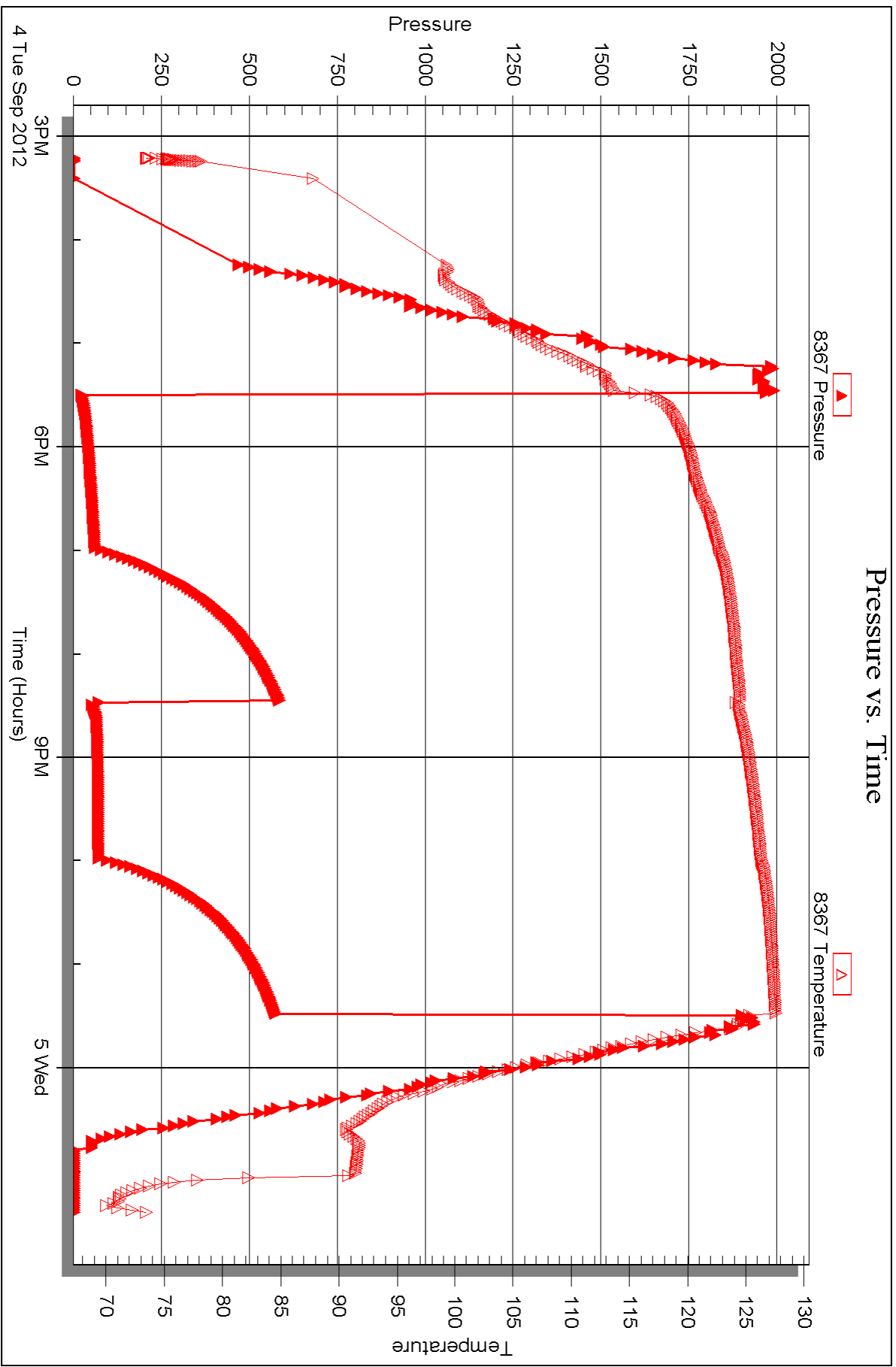


Serial #: 8367

Outside Novy Oil & Gas

Brown #2

DST Test Number: 3





DRILL STEM TEST REPORT

Prepared For: **Novy Oil & Gas**

PO Box 559
Goddard, KS 67052

ATTN: David Gould

Brown #2

10-29s-6w Kingman,KS

Start Date: 2012.09.05 @ 08:50:04

End Date: 2012.09.05 @ 16:07:34

Job Ticket #: 49571 DST #: 4

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

Printed: 2012.09.11 @ 13:59:51



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Novy Oil & Gas

10-29s-6w Kingman, KS

PO Box 559
Goddard, KS 67052

Brown #2

ATTN: David Gould

Job Ticket: 49571

DST#: 4

Test Start: 2012.09.05 @ 08:50:04

GENERAL INFORMATION:

Formation: **Mississippi**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 10:32:19

Time Test Ended: 16:07:34

Test Type: Conventional Bottom Hole (Reset)

Tester: Leal Cason

Unit No: 45

Interval: 4086.00 ft (KB) To 4093.00 ft (KB) (TVD)

Reference Elevations: 1528.00 ft (KB)

Total Depth: 4093.00 ft (KB) (TVD)

1520.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 8.00 ft

Serial #: 6798

Inside

Press @ Run Depth: 47.53 psig @ 4087.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.09.05

End Date:

2012.09.05

Last Calib.: 2012.09.05

Start Time: 08:50:05

End Time:

16:07:34

Time On Btm: 2012.09.05 @ 10:30:49

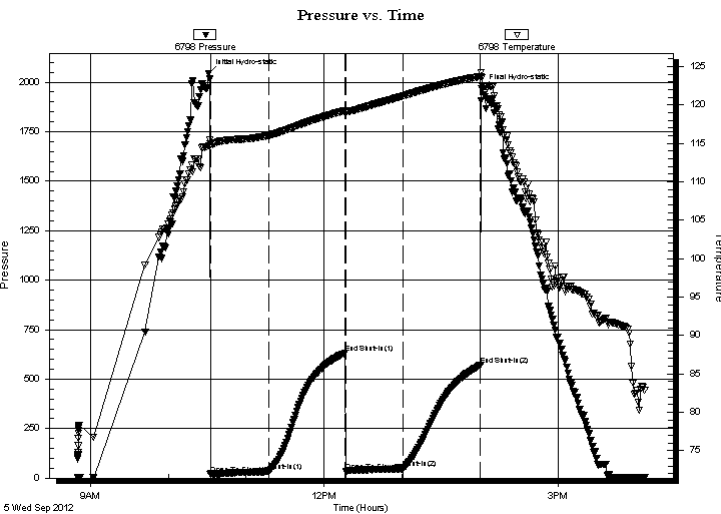
Time Off Btm: 2012.09.05 @ 14:01:19

TEST COMMENT: IF: Weak Blow, Built to 1 1/2 inches

IS: No Blow Back

FF: Weak 1/2 inch Blow

FS: No Blow Back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2044.71	114.68	Initial Hydro-static
2	19.73	114.88	Open To Flow (1)
47	34.96	116.03	Shut-In(1)
106	631.97	119.25	End Shut-In(1)
106	32.71	119.06	Open To Flow (2)
150	47.53	121.16	Shut-In(2)
210	569.55	123.70	End Shut-In(2)
211	1966.02	123.58	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	SOSMW 1%O 48%M 51%W	0.30
2.00	SOSM -1%O +99%M	0.01

* 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 Gould

10-29s-6w Kingman,KS

Brown #2

Job Ticket: 49571 **DST#: 4**

Test Start: 2012.09.05 @ 08:50:04

GENERAL INFORMATION:

Formation: **Mississippi**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 10:32:19
 Time Test Ended: 16:07:34
Interval: 4086.00 ft (KB) To 4093.00 ft (KB) (TVD)
 Total Depth: 4093.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Leal Cason
 Unit No: 45
 Reference Elevations: 1528.00 ft (KB)
 1520.00 ft (CF)
 KB to GR/CF: 8.00 ft

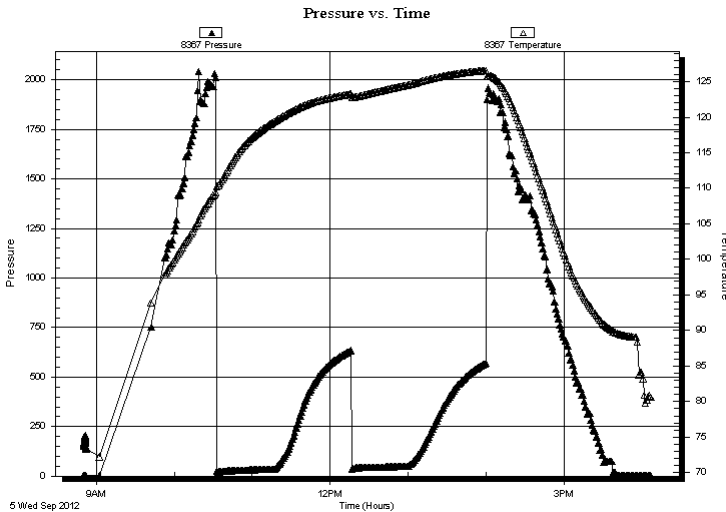
Serial #: 8367

Outside

Press @ RunDepth: psig @ 4087.00 ft (KB)
 Start Date: 2012.09.05 End Date: 2012.09.05
 Start Time: 08:50:05 End Time: 16:07:19
 Capacity: 8000.00 psig
 Last Calib.: 2012.09.05
 Time On Btm:
 Time Off Btm:

TEST COMMENT: IF: Weak Blow , Built to 1 1/2 inches
 IS: No Blow Back
 FF: Weak 1/2 inch Blow
 FS: No Blow Back

PRESSURE SUMMARY



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

Recovery

Length (ft)	Description	Volume (bbl)
60.00	SOSMW 1%O 48%M 51%W	0.30
2.00	SOSM -1%O +99%M	0.01

* 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

10-29s-6w Kingman,KS

PO Box 559
Goddard, KS 67052

Brown #2

Job Ticket: 49571

DST#: 4

ATTN: David Gould

Test Start: 2012.09.05 @ 08:50:04

Tool Information

Drill Pipe:	Length: 3950.00 ft	Diameter: 3.80 inches	Volume: 55.41 bbl	Tool Weight:	2100.00 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: 117.00 ft	Diameter: 2.25 inches	Volume: 0.58 bbl	Weight to Pull Loose:	45000.00 lb
			<u>Total Volume: 55.99 bbl</u>	Tool Chased	ft
Drill Pipe Above KB:	8.00 ft			String Weight: Initial	41000.00 lb
Depth to Top Packer:	4086.00 ft			Final	41000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	7.00 ft				
Tool Length:	34.00 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			4064.00	
Hydraulic tool	5.00			4069.00	
Jars	5.00			4074.00	
Safety Joint	2.00			4076.00	
Packer	5.00			4081.00	27.00 Bottom Of Top Packer
Packer	5.00			4086.00	
Stubb	1.00			4087.00	
Recorder	0.00	6798	Inside	4087.00	
Recorder	0.00	8367	Outside	4087.00	
Perforations	3.00			4090.00	
Bullnose	3.00			4093.00	7.00 Bottom Packers & Anchor

Total Tool Length: 34.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Novy Oil & Gas

10-29s-6w Kingman,KS

PO Box 559
Goddard, KS 67052

Brown #2

Job Ticket: 49571

DST#: 4

ATTN: David Gould

Test Start: 2012.09.05 @ 08:50:04

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:

95000 ppm

Viscosity: 46.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.99 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 5000.00 ppm

Filter Cake: 0.02 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
60.00	SOSMW 1%O 48%M 51%W	0.295
2.00	SOSM - 1%O +99%M	0.010

Total Length: 62.00 ft Total Volume: 0.305 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW w as .065 @ 89 degrees

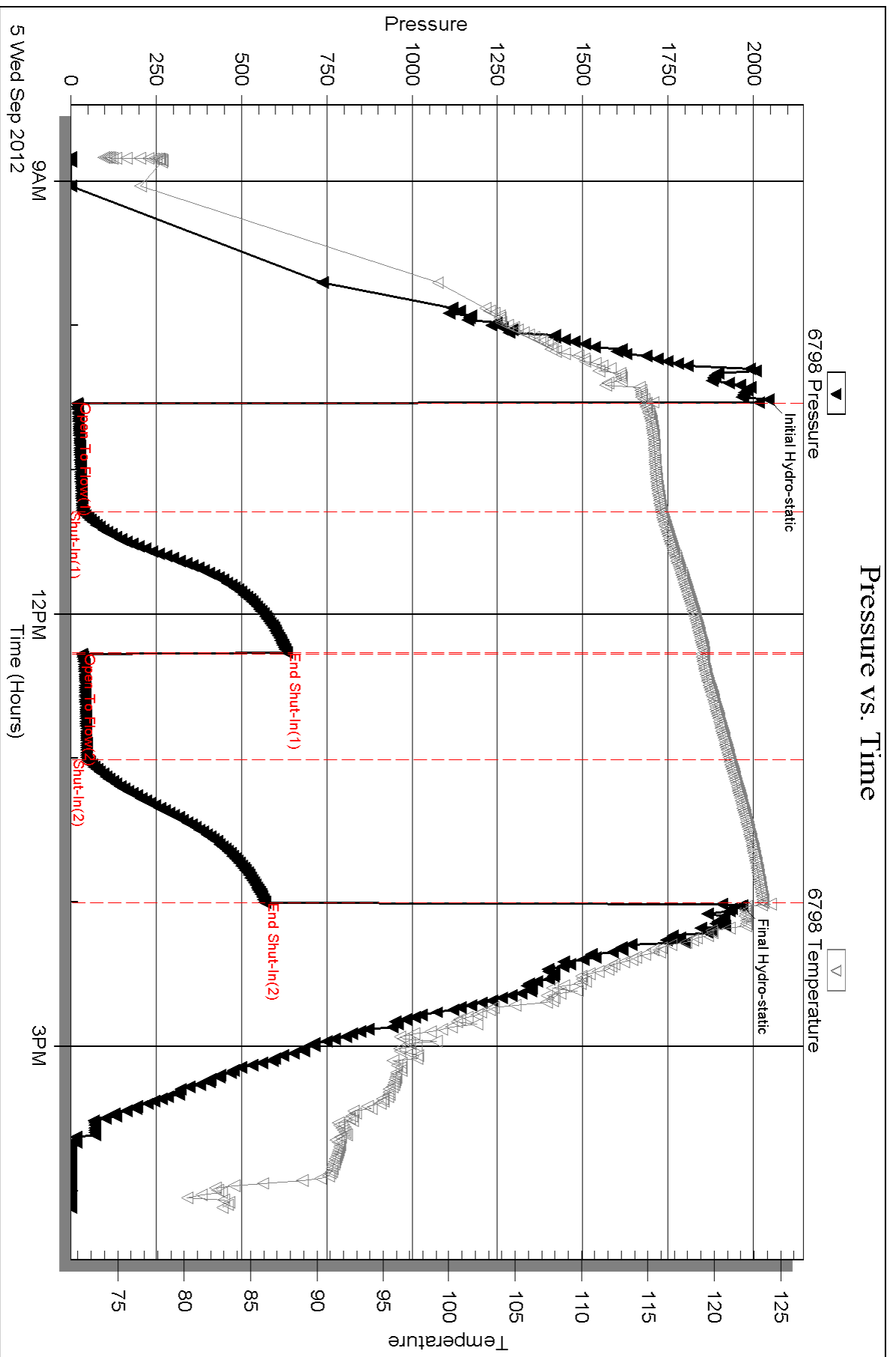
Serial #: 6798

Inside

Novy Oil & Gas

Brown #2

DST Test Number: 4

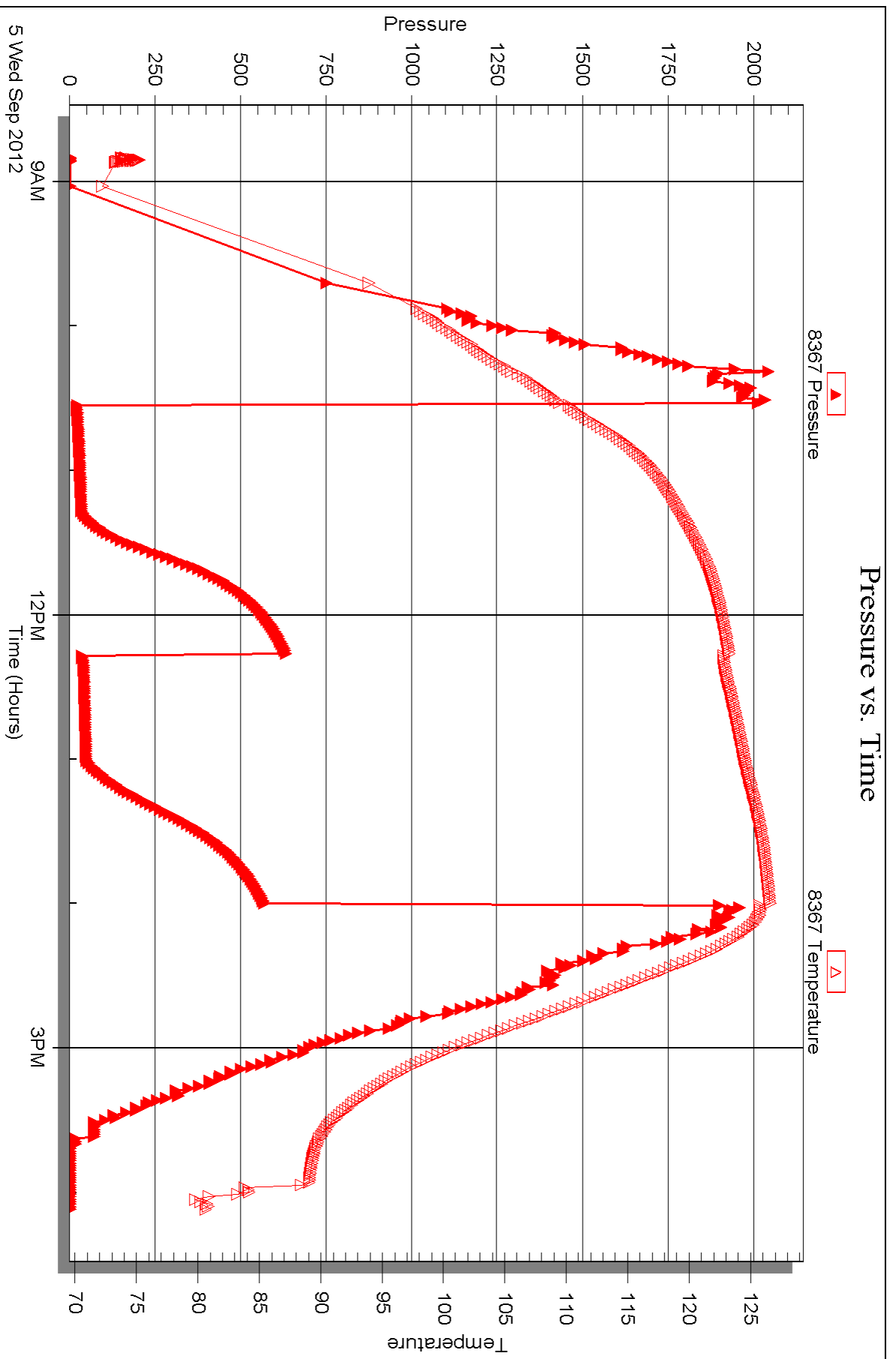


Serial #: 8367

Outside Novy Oil & Gas

Brown #2

DST Test Number: 4





DRILL STEM TEST REPORT

Prepared For: **Novy Oil & Gas**

PO Box 559
Goddard, KS 67052

ATTN: David Gould

Brown #2

10-29s-6w Kingman,KS

Start Date: 2012.09.07 @ 07:01:16

End Date: 2012.09.07 @ 15:39:01

Job Ticket #: 49572 DST #: 5

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

Printed: 2012.09.11 @ 13:59:07



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Novy Oil & Gas

10-29s-6w Kingman, KS

PO Box 559
Goddard, KS 67052

Brown #2

Job Ticket: 49572

DST#: 5

ATTN: David Gould

Test Start: 2012.09.07 @ 07:01:16

GENERAL INFORMATION:

Formation: **Viola**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 08:56:31

Time Test Ended: 15:39:01

Test Type: Conventional Bottom Hole (Reset)

Tester: Leal Cason

Unit No: 45

Interval: 4354.00 ft (KB) To 4480.00 ft (KB) (TVD)

Reference Elevations: 1528.00 ft (KB)

Total Depth: 4480.00 ft (KB) (TVD)

1520.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 8.00 ft

Serial #: 6798

Inside

Press @ Run Depth: 1642.83 psig @ 4355.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.09.07

End Date:

2012.09.07

Last Calib.:

2012.09.07

Start Time:

07:01:17

End Time:

15:39:01

Time On Btm:

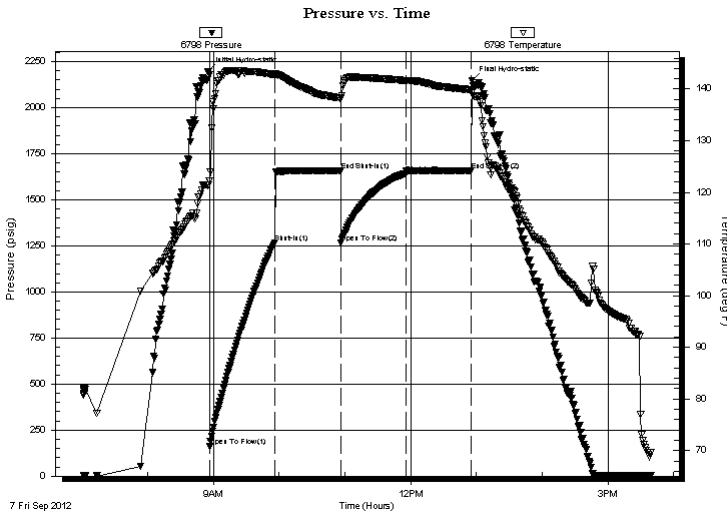
2012.09.07 @ 08:55:01

Time Off Btm:

2012.09.07 @ 12:56:01

TEST COMMENT: IF: Strong Blow , BOB in 2 minutes
IS: No Blow Back
FF: Strong Blow , BOB in 2 minutes
FS: No Blow back

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2197.45	121.35	Initial Hydro-static
2	160.00	122.30	Open To Flow (1)
61	1267.83	142.79	Shut-In(1)
121	1657.75	138.24	End Shut-In(1)
122	1267.02	138.18	Open To Flow (2)
181	1642.83	141.65	Shut-In(2)
240	1658.64	139.86	End Shut-In(2)
241	2146.47	139.37	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
2930.00	Water	40.03
620.00	MCW 50%M 50%W	8.70

* Recovery from multiple tests

Gas Rates

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



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Novy Oil & Gas

10-29s-6w Kingman, KS

PO Box 559
Goddard, KS 67052

Brown #2

Job Ticket: 49572 **DST#: 5**

ATTN: David Gould

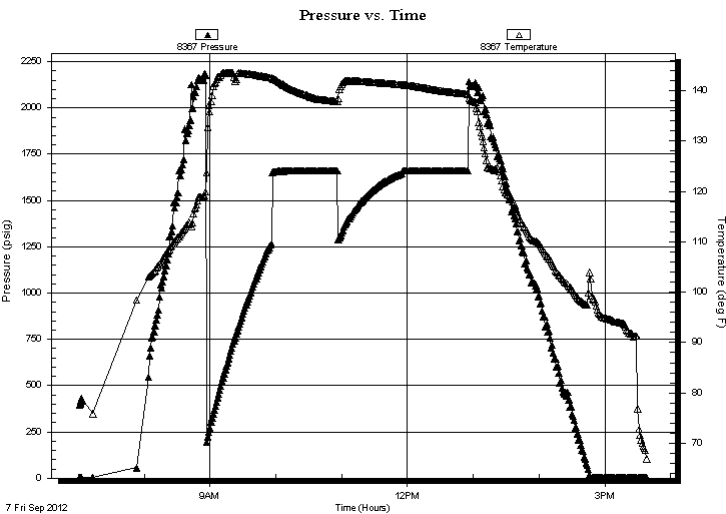
Test Start: 2012.09.07 @ 07:01:16

GENERAL INFORMATION:

Formation: Viola			
Deviated: No Whipstock:	ft (KB)	Test Type: Conventional Bottom Hole (Reset)	
Time Tool Opened: 08:56:31		Tester: Leal Cason	
Time Test Ended: 15:39:01		Unit No: 45	
Interval: 4354.00 ft (KB) To 4480.00 ft (KB) (TVD)		Reference Elevations: 1528.00 ft (KB)	
Total Depth: 4480.00 ft (KB) (TVD)		1520.00 ft (CF)	
Hole Diameter: 7.88 inches	Hole Condition: Good	KB to GR/CF: 8.00 ft	

Serial #: 8367	Outside		
Press @ Run Depth: psig @	4355.00 ft (KB)	Capacity: 8000.00 psig	
Start Date: 2012.09.07	End Date: 2012.09.07	Last Calib.: 2012.09.07	
Start Time: 07:01:17	End Time: 15:38:46	Time On Btm:	
		Time Off Btm:	

TEST COMMENT: IF: Strong Blow , BOB in 2 minutes
 IS: No Blow Back
 FF: Strong Blow , BOB in 2 minutes
 FS: No Blow back



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
2930.00	Water	40.03
620.00	MCW 50%M 50%W	8.70

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

10-29s-6w Kingman,KS

PO Box 559
Goddard, KS 67052

Brown #2

Job Ticket: 49572

DST#: 5

ATTN: David Gould

Test Start: 2012.09.07 @ 07:01:16

Tool Information

Drill Pipe:	Length: 4229.00 ft	Diameter: 3.80 inches	Volume: 59.32 bbl	Tool Weight: 2100.00 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: 117.00 ft	Diameter: 2.25 inches	Volume: 0.58 bbl	Weight to Pull Loose: 60000.00 lb
			<u>Total Volume: 59.90 bbl</u>	Tool Chased ft
Drill Pipe Above KB:	19.00 ft			String Weight: Initial 42000.00 lb
Depth to Top Packer:	4354.00 ft			Final 56000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	126.00 ft			
Tool Length:	153.00 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			4332.00	
Hydraulic tool	5.00			4337.00	
Jars	5.00			4342.00	
Safety Joint	2.00			4344.00	
Packer	5.00			4349.00	27.00 Bottom Of Top Packer
Packer	5.00			4354.00	
Stubb	1.00			4355.00	
Recorder	0.00	6798	Inside	4355.00	
Recorder	0.00	8367	Outside	4355.00	
Perforations	3.00			4358.00	
Change Over Sub	1.00			4359.00	
Drill Pipe	93.00			4452.00	
Change Over Sub	1.00			4453.00	
Perforations	24.00			4477.00	
Bullnose	3.00			4480.00	126.00 Bottom Packers & Anchor

Total Tool Length: 153.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Novy Oil & Gas

10-29s-6w Kingman,KS

PO Box 559
Goddard, KS 67052

Brown #2

Job Ticket: 49572

DST#: 5

ATTN: David Gould

Test Start: 2012.09.07 @ 07:01:16

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:

50000 ppm

Viscosity: 48.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 10.39 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4500.00 ppm

Filter Cake: 0.02 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
2930.00	Water	40.034
620.00	MCW 50%M 50%W	8.697

Total Length: 3550.00 ft Total Volume: 48.731 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW w as .15 @ 73 degrees

Serial #: 6798

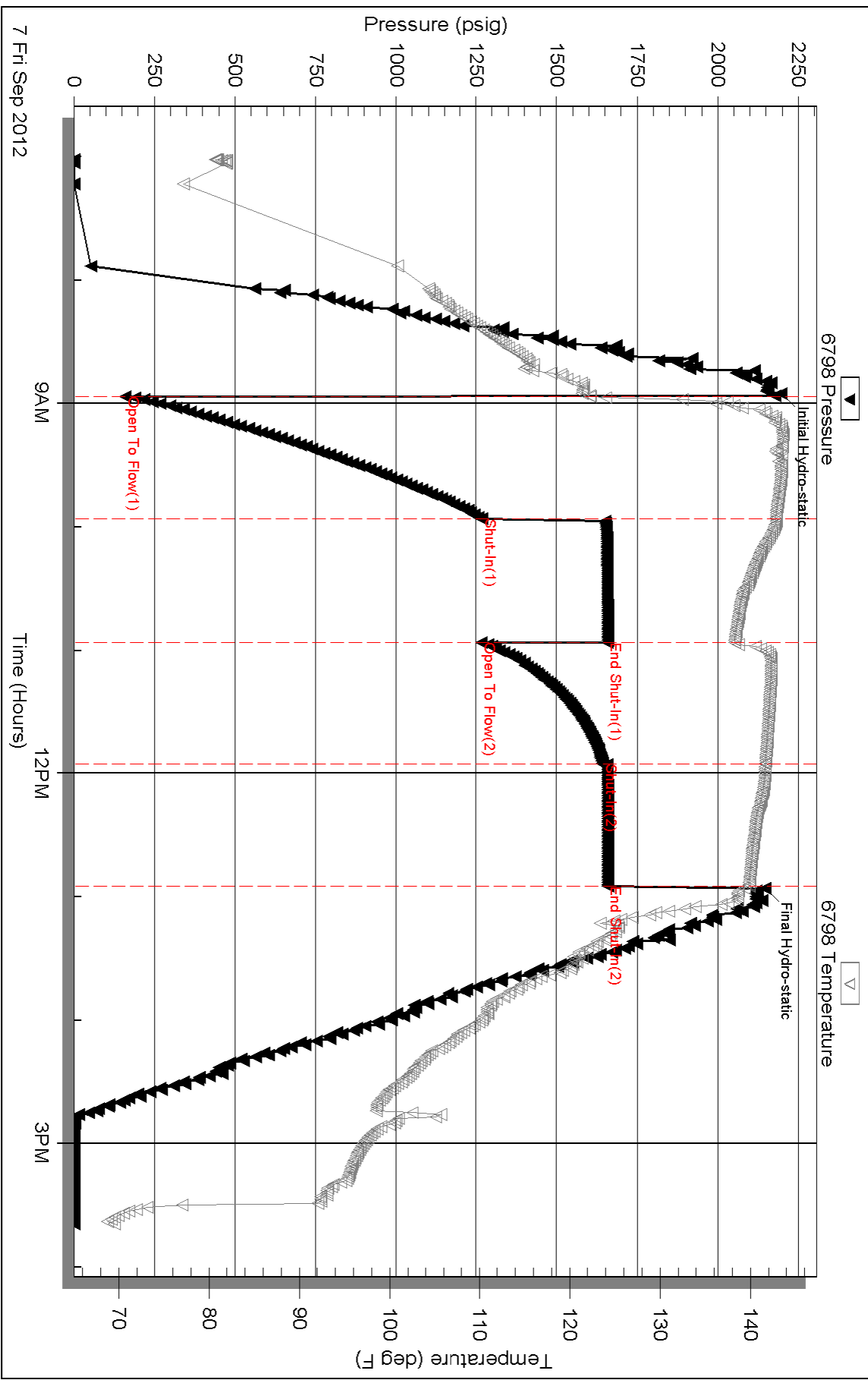
Inside

Novy Oil & Gas

Brown #2

DST Test Number: 5

Pressure vs. Time



Triobite Testing, Inc

Ref. No: 49572

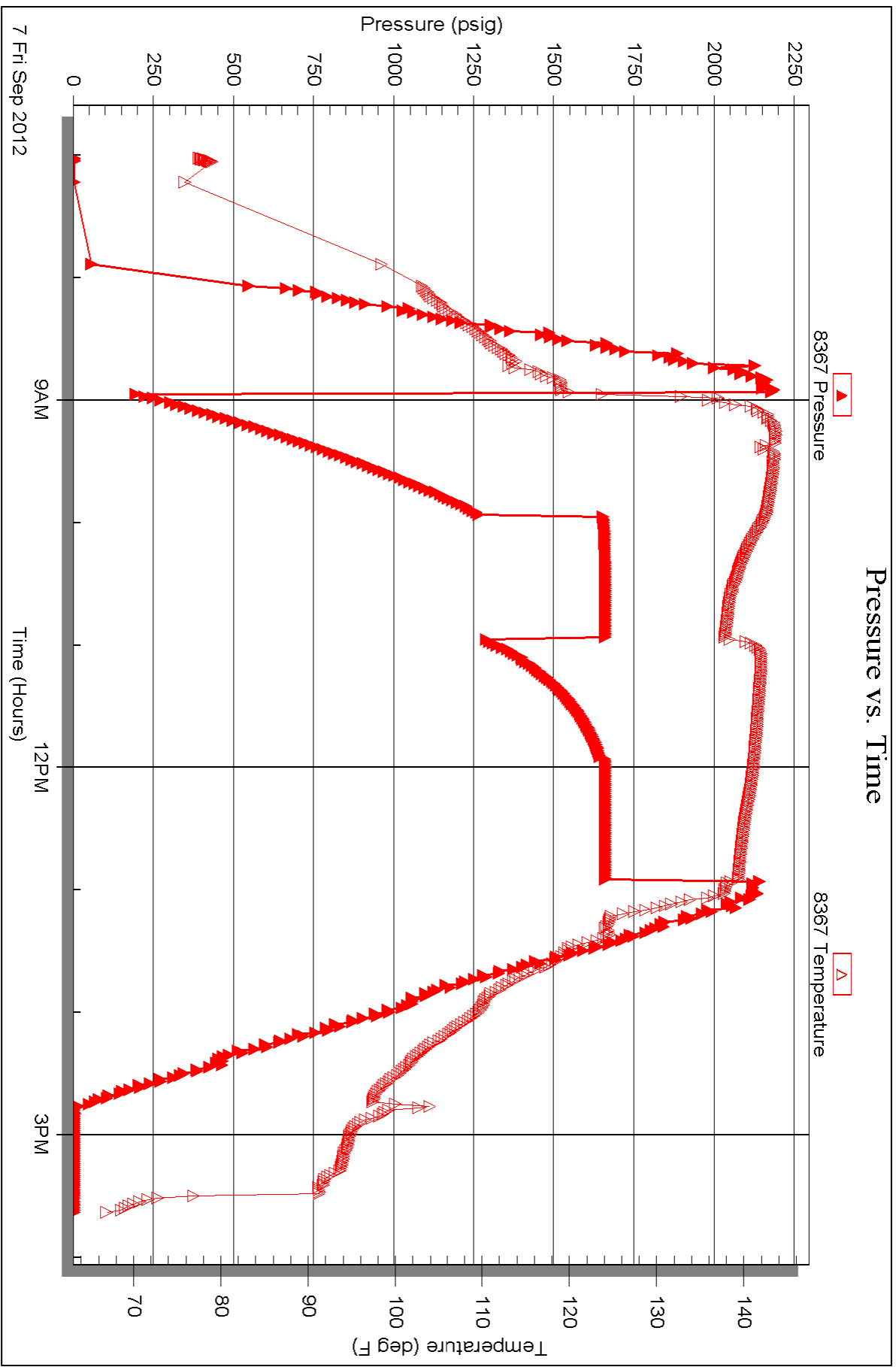
Printed: 2012.09.11 @ 13:59:12

Serial #: 8367

Outside Novy Oil & Gas

Brown #2

DST Test Number: 5





TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 49568

4/10

Well Name & No. Brown 2 Test No. 1 Date 09/01/12
 Company Novy Oil & Gas Elevation 1528 KB 1520 GL
 Address PO BOX 559 Goddard, KS 67052
 Co. Rep / Geo. David Gould Rig Landmark 6
 Location: Sec. 10 Twp. 29S Rge. 6W Co. Kingman State KS

Interval Tested 3644 - 3660 Zone Tested Swope
 Anchor Length 16 Drill Pipe Run 3518 Mud Wt. 9.3
 Top Packer Depth 3639 Drill Collars Run 116 Vis 40
 Bottom Packer Depth 3644 Wt. Pipe Run 0 WL 12.8
 Total Depth 3660 Chlorides 5000 ppm System LCM

Blow Description IF: weak Blow, BOB in 58 minutes

ISI: NO Blow Back

FF: weak Blow, Built to 2 inches

FSI: NO Blow Back

Rec 40 Feet of MCW %gas %oil 90 %water 10 %mud

Rec 436 Feet of water %gas %oil %water %mud

Rec _____ Feet of _____ %gas %oil %water %mud

Rec _____ Feet of _____ %gas %oil %water %mud

Rec _____ Feet of _____ %gas %oil %water %mud

Rec Total 476 BHT 125 Gravity NIC API RW .09 @ 66 °F Chlorides 94000 ppm

(A) Initial Hydrostatic 1786 Test 1150 T-On Location 17:45

(B) First Initial Flow 39 Jars 250 T-Started 20:18

(C) First Final Flow 198 Safety Joint 75 T-Open 21:55

(D) Initial Shut-In 1325 Circ Sub _____ T-Pulled 03:56

(E) Second Initial Flow 201 Hourly Standby 3 1/2 350 T-Out 06:12

(F) Second Final Flow 297 Mileage (110) 170.50 Comments _____

(G) Final Shut-In 1323 Sampler _____

(H) Final Hydrostatic 1715 Straddle _____

Initial Open 90 Shale Packer _____ Ruined Shale Packer _____

Initial Shut-In 90 Extra Packer _____ Ruined Packer _____

Final Flow 90 Extra Recorder _____ Extra Copies _____

Final Shut-In 90 Day Standby _____ Sub Total 0

Accessibility 150 Total 2145.50 MP/DST Disc't

Sub Total 2145.50

Approved By David Gould Our Representative _____

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. 49569

4/10

Well Name & No. Brown 2 Test No. 2 Date 09/03/12
 Company NOVY Oil & Gas Elevation 1528 KB 1520 GL
 Address PO BOX 559 Goddard, KS 67052
 Co. Rep / Geo. David Gould Rig Landmark 6
 Location: Sec. 10 Twp. 29S Rge. 6W Co. Kingman State KS

Interval Tested 4048 — 4058 Zone Tested Mississippi
 Anchor Length 10 Drill Pipe Run 3920 Mud Wt. 9.5
 Top Packer Depth 4043 Drill Collars Run 116 Vis 45
 Bottom Packer Depth 4048 Wt. Pipe Run 0 WL 12.4
 Total Depth 4058 Chlorides 5000 ppm System LCM

Blow Description IF: weak Blow, Built to 5 inches, Died off to 1 inch
ISI: NO Blow Back
FF: weak 1 inch Blow
FSE: NO Blow Back

Rec	Feet of	%gas	%oil	%water	%mud
<u>40</u>	<u>6cm</u>	<u>2</u>		<u>98</u>	
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 40 BHT 127° Gravity N/C API RW N/C @ N/C °F Chlorides N/C ppm

(A) Initial Hydrostatic <u>2037</u>	<input checked="" type="checkbox"/> Test 1250	T-On Location <u>20:15</u>
(B) First Initial Flow <u>17</u>	<input checked="" type="checkbox"/> Jars 250	T-Started <u>20:37</u>
(C) First Final Flow <u>26</u>	<input checked="" type="checkbox"/> Safety Joint 75	T-Open <u>23:15</u>
(D) Initial Shut-In <u>89</u>	<input type="checkbox"/> Circ Sub	T-Pulled <u>05:20</u>
(E) Second Initial Flow <u>22</u>	<input checked="" type="checkbox"/> Hourly Standby <u>1</u> 100	T-Out <u>07:18</u>
(F) Second Final Flow <u>29</u>	<input checked="" type="checkbox"/> Mileage <u>(110)</u> 170.50	Comments
(G) Final Shut-In <u>138</u>	<input type="checkbox"/> Sampler	
(H) Final Hydrostatic <u>1964</u>	<input type="checkbox"/> Straddle	<input type="checkbox"/> Ruined Shale Packer

Initial Open <u>90</u>	<input type="checkbox"/> Shale Packer	<input type="checkbox"/> Ruined Packer
Initial Shut-In <u>90</u>	<input type="checkbox"/> Extra Packer	<input type="checkbox"/> Extra Copies
Final Flow <u>90</u>	<input type="checkbox"/> Extra Recorder	Sub Total <u>466.67</u>
Final Shut-In <u>90</u>	<input checked="" type="checkbox"/> Day Standby <u>42</u> 1d 14hrs	Total <u>2462.17</u>
	<input checked="" type="checkbox"/> Accessibility 150	MP/DST Disc't <input checked="" type="checkbox"/>
	Sub Total <u>1995.5</u>	

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.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 49570

4/10

Well Name & No. Brown 2 Test No. 3 Date 09/04/12
 Company NOVY Oil & Gas Elevation 1528 KB 1520 GL
 Address PO Box 559 Goddard, KS 67052
 Co. Rep / Geo. David Gould Rig Landmark 6
 Location: Sec. 10 Twp. 29S Rge. 6W Co. Kingman State KS

Interval Tested 4048 - 4066 Zone Tested Mississippi
 Anchor Length 16 Drill Pipe Run 3919 Mud Wt. 9.3
 Top Packer Depth 4043 Drill Collars Run 117 Vis 45
 Bottom Packer Depth 4048 Wt. Pipe Run 0 WL 12.0
 Total Depth 4066 Chlorides 7000 ppm System LCM 2

Blow Description IF: Strong Blow, BOB in 3 minutes

ISI: NO Blow Back

FF: Fair Blow, BOB in 6 minutes

FSI: NO Blow Back

Rec	Feet of	%gas	%oil	%water	%mud
<u>25</u>	<u>505M</u>		<u>-1</u>		<u>+99</u>
<u>117</u>	<u>60WCM</u>	<u>5</u>	<u>5</u>	<u>30</u>	<u>60</u>
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 142 BHT 128 Gravity NIC API RW .065 @ 85 °F Chlorides 110,000 ppm

(A) Initial Hydrostatic <u>2023</u>	<input checked="" type="checkbox"/> Test <u>1250</u>	T-On Location <u>14:00</u>
(B) First Initial Flow <u>20</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>15:12</u>
(C) First Final Flow <u>62</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>17:29</u>
(D) Initial Shut-In <u>586</u>	<input type="checkbox"/> Circ Sub	T-Pulled <u>23:28</u>
(E) Second Initial Flow <u>54</u>	<input checked="" type="checkbox"/> Hourly Standby <u>1 1/2</u> <u>150</u>	T-Out <u>01:24</u>
(F) Second Final Flow <u>71</u>	<input checked="" type="checkbox"/> Mileage <u>(110)</u> <u>170.50</u>	Comments
(G) Final Shut-In <u>573</u>	<input type="checkbox"/> Sampler	
(H) Final Hydrostatic <u>1899</u>	<input type="checkbox"/> Straddle	<input type="checkbox"/> Ruined Shale Packer
Initial Open <u>90</u>	<input type="checkbox"/> Shale Packer	<input type="checkbox"/> Ruined Packer
Initial Shut-In <u>90</u>	<input type="checkbox"/> Extra Packer	<input type="checkbox"/> Extra Copies
Final Flow <u>90</u>	<input type="checkbox"/> Extra Recorder	Sub Total <u>0</u>
Final Shut-In <u>90</u>	<input type="checkbox"/> Day Standby	Total <u>2045.50</u>
	<input checked="" type="checkbox"/> Accessibility <u>150</u>	MP/DST Disc't <input checked="" type="checkbox"/>
	Sub Total <u>2045.50</u>	

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. 49571

4/10

Well Name & No. Brown 2 Test No. 4 Date 09/05/12
 Company Novy oil & Gas Elevation 1528 KB 1520 GL
 Address PO Box 559 Goddard, KS 67052
 Co. Rep / Geo. David Barker Rig Landmark 6
 Location: Sec. 10 Twp. 29S Rge. 6W Co. Kingman State KS

Interval Tested 4086 - 4093 Zone Tested Mississippi
 Anchor Length 7 Drill Pipe Run 3950 Mud Wt. 9.2
 Top Packer Depth 4081 Drill Collars Run 117 Vis 46
 Bottom Packer Depth 4086 Wt. Pipe Run 0 WL 10.0
 Total Depth 4093 Chlorides 5000 ppm System LCM 1

Blow Description IF: Weak Blow, Built to 1 1/2 inches
ISI: NO Blow Back
FF: weak 1/2 inch Blow
FST: NO Blow Back

Rec	Feet of	%gas	%oil	%water	%mud
<u>2</u>	<u>505M</u>	<u>-1</u>		<u>+99</u>	
<u>60</u>	<u>505M W</u>	<u>1</u>	<u>51</u>	<u>48</u>	

Rec Total 62 BHT 124° Gravity N/C API RW .065@ 89° F Chlorides 95000 ppm

(A) Initial Hydrostatic <u>2045</u>	<input checked="" type="checkbox"/> Test 1250	T-On Location <u>08:00</u>
(B) First Initial Flow <u>20</u>	<input checked="" type="checkbox"/> Jars 250	T-Started <u>08:50</u>
(C) First Final Flow <u>35</u>	<input checked="" type="checkbox"/> Safety Joint 75	T-Open <u>10:32</u>
(D) Initial Shut-In <u>632</u>	<input type="checkbox"/> Circ Sub	T-Pulled <u>19:00</u>
(E) Second Initial Flow <u>33</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>16:07</u>
(F) Second Final Flow <u>48</u>	<input checked="" type="checkbox"/> Mileage <u>(110)</u> 170.50	Comments _____
(G) Final Shut-In <u>570</u>	<input type="checkbox"/> Sampler	
(H) Final Hydrostatic <u>1966</u>	<input type="checkbox"/> Straddle	<input type="checkbox"/> Ruined Shale Packer
	<input type="checkbox"/> Shale Packer	<input type="checkbox"/> Ruined Packer
Initial Open <u>45</u>	<input type="checkbox"/> Extra Packer	<input type="checkbox"/> Extra Copies
Initial Shut-In <u>60</u>	<input type="checkbox"/> Extra Recorder	Sub Total <u>0</u>
Final Flow <u>45</u>	<input type="checkbox"/> Day Standby	Total <u>1895.50</u>
Final Shut-In <u>60</u>	<input checked="" type="checkbox"/> Accessibility 150	MP/DST Disc't <input checked="" type="checkbox"/>
	Sub Total <u>1895.50</u>	

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.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 49572

4/10

Well Name & No. Brown 2 Test No. 5 Date 09/07/12
 Company Novy Oil & Gas Elevation 1528 KB 1520 GL
 Address PO BOX 559 Goddard, KS 67052
 Co. Rep / Geo. Dave Goldak Rig Landmark 6
 Location: Sec. 10 Twp. 29S Rge. 6W Co. Kingman State KS

Interval Tested 4354 - 4480 Zone Tested viola
 Anchor Length 126 Drill Pipe Run 4229 Mud Wt. 9.3
 Top Packer Depth 4349 Drill Collars Run 117 Vis 48
 Bottom Packer Depth 4354 Wt. Pipe Run 0 WL 10.4
 Total Depth 4480 Chlorides 4500 ppm System LCM 3

Blow Description IF: Strong Blow, BOB in 2 minutes

TSI: NO Blow Back

FF: Strong Blow, BOB in 2 minutes

FSI: NO Blow Back

Rec	Feet of	%gas	%oil	%water	%mud
<u>620</u>	<u>WCM</u>		<u>50</u>	<u>50</u>	
<u>2930</u>	<u>Water</u>				

Rec Total 3550 BHT 1390 Gravity N/C API RW .15 @ 73 °F Chlorides 50000 ppm

(A) Initial Hydrostatic <u>2197</u>	<input checked="" type="checkbox"/> Test <u>1250</u>	T-On Location <u>06:30</u>
(B) First Initial Flow <u>160</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>07:01</u>
(C) First Final Flow <u>1268</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>08:56</u>
(D) Initial Shut-In <u>1658</u>	<input type="checkbox"/> Circ Sub	T-Pulled <u>12:55</u>
(E) Second Initial Flow <u>1267</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>15:39</u>
(F) Second Final Flow <u>1642</u>	<input checked="" type="checkbox"/> Mileage <u>(110)</u> <u>170.50</u>	Comments
(G) Final Shut-In <u>1659</u>	<input type="checkbox"/> Sampler	
(H) Final Hydrostatic <u>2146</u>	<input type="checkbox"/> Straddle	<input type="checkbox"/> Ruined Shale Packer
	<input type="checkbox"/> Shale Packer	<input type="checkbox"/> Ruined Packer
Initial Open <u>60</u>	<input type="checkbox"/> Extra Packer	<input type="checkbox"/> Extra Copies
Initial Shut-In <u>60</u>	<input type="checkbox"/> Extra Recorder	Sub Total <u>483.33</u>
Final Flow <u>60</u>	<input checked="" type="checkbox"/> Day Standby <u>1/2</u> 1d 14.5hrs	Total <u>2378.83</u>
Final Shut-In <u>60</u>	<input checked="" type="checkbox"/> Accessibility <u>150</u>	MP/DST Disc't
	Sub Total <u>1895.50</u>	

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.