



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: _____



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
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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 Bbbs.	Gas Mcf	Water Bbbs.	Gas-Oil Ratio	Gravity
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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> <input type="checkbox"/> Other <i>(Specify)</i> _____ <i>(Submit ACO-4)</i>	PRODUCTION INTERVAL: _____ _____
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ALLIED OIL & GAS SERVICES, LLC 059752

Federal Tax I.D.# 20-5975804

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

SERVICE POINT:
Medicine Wells

DATE <u>3-5-2013</u>	SEC. <u>23</u>	TWP. <u>33S</u>	RANGE <u>12W</u>	CALLED OUT	ON LOCATION	JOB START <u>5:30 PM</u>	JOB FINISH <u>6:00 PM</u>
LEASE <u>Colburn</u>	<u>B</u> WELL #1	LOCATION <u>Agriater Short Cut</u>		COUNTY <u>Bosher</u>	STATE <u>Ks</u>		
OLD OR <input checked="" type="radio"/> NEW (Circle one)		<u>1/2 West, Slint</u>					

CONTRACTOR Hardt #1 OWNER R & B Oil & Gas

TYPE OF JOB SOFBOR

HOLE SIZE 12 1/4 T.D. 266 CEMENT AMOUNT ORDERED 2255y 601401290601

CASING SIZE 8 5/8 DEPTH 268 3% cc

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG. 15'

PERFS.

DISPLACEMENT 16 1/2 bbls Fresh Water

EQUIPMENT

PUMP TRUCK CEMENTER Darin F

360-265 HELPER David F.

BULK TRUCK

364 DRIVER Justin B.

BULK TRUCK

DRIVER

REMARKS:

Break circulation, pump 3 bbls water, then
mix 2255y cement, displace 16 1/2 bbls
fresh water, shut in, cement in circuit

COMMON Class A 135 @ 17.90 2416.50

POZMIX 90 sk @ 9.35 841.50

GEL 4 sk @ 23.40 93.60

CHLORIDE 7 sk @ 64.00 448.00

ASC @

@

@

@

@

@

@

HANDLING 241.36 @ 2.48 598.58

MILEAGE 10.13 / 15 / 2.60 396.19

TOTAL 4794.37

SERVICE

DEPTH OF JOB 268

PUMP TRUCK CHARGE 1512.25

EXTRA FOOTAGE @

MILEAGE 15 @ 7.20 115.50

MANIFOLD @

LU 15 @ 4.40 66.00

@

TOTAL 1693.75

PLUG & FLOAT EQUIPMENT

@

@

@

@

@

TOTAL _____

SALES TAX (If Any) _____

TOTAL CHARGES 6488.12

DISCOUNT _____ IF PAID IN 30 DAYS

NET 5190.49

CHARGE TO: R & B Oil & Gas

STREET _____

CITY _____ STATE _____ ZIP _____

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.

PRINTED NAME X. J.

SIGNATURE X. Scott Cole

Thank you!!!

ALLIED OIL & GAS SERVICES, LLC 059732

Federal Tax I.D.# 20-5975804

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

SERVICE POINT:
Medicine Lodge, KS

DATE <u>3-13-13</u>	SEC. <u>23</u>	TWP. <u>33S</u>	RANGE <u>12W</u>	CALLED OUT <u>1:00 PM</u>	ON LOCATION <u>1:30 L</u>	JOB START <u>2:20 PM</u>	JOB FINISH <u>3:15 PM</u>
LEASE <u>Colborn</u>	WELL # <u>B-1</u>	LOCATION <u>Handtner, Shoutcut</u>			COUNTY <u>Barber</u>	STATE <u>Kansas</u>	
OLD OR <u>NEW</u> (Circle one)		off 281. $\frac{1}{2}$ W, $\frac{1}{3}$ S					

CONTRACTOR Handtner #1
 TYPE OF JOB Rotary Aug
 HOLE SIZE 7 7/8 T.D. _____
 CASING SIZE 8 5/8 DEPTH 250'
 TURNING SIZE _____ DEPTH _____
 DRILL PIPE 600' DEPTH _____
 TOOL _____ DEPTH _____
 PRES. MAX 300 MINIMUM _____
 MEAS. LINE _____ SHOE JOINT _____
 CEMENT LEFT IN CSG. _____
 PERFS. _____
 DISPLACEMENT Freshwater
 EQUIPMENT _____

PUMP TRUCK CEMENTER Carl Balding
 # 477502 HELPER Take Heard
 BULK TRUCK _____
 # 364 DRIVER Justin Bowen
 BULK TRUCK _____
 # _____ DRIVER _____

OWNER R+B Oil + Gas

CEMENT AMOUNT ORDERED
150 sk 60:40:47.6cc

COMMON <u>A</u>	<u>90 sk</u>	@ <u>17.90</u>	<u>1611.00</u>
POZMIX	<u>60 sk</u>	@ <u>9.35</u>	<u>561.00</u>
GEL	<u>6 sk</u>	@ <u>23.40</u>	<u>140.40</u>
CHLORIDE		@	
ASC		@	
		@	
		@	
		@	
		@	
		@	
		@	
		@	
		@	
		@	
HANDLING	<u>160</u>	@ <u>2.48</u>	<u>396.80</u>
MILEAGE	<u>6-7/15/2-48 (min)</u>		<u>380.00</u>
			TOTAL <u>3089.20</u>

REMARKS:

thank you

50 sk - 600'
50 sk - 300'
20 sk - 60'
30 sk - RAT Hble

CHARGE TO: R+B Oil + Gas
 STREET _____
 CITY _____ STATE _____ ZIP _____

SERVICE

DEPTH OF JOB 600'
 PUMP TRUCK CHARGE 1250.00
 EXTRA FOOTAGE @ _____
 MILEAGE 15 @ 7.70 115.50
 MANIFOLD @ _____
 LV 15 @ 4.40 66.00
 @ _____

TOTAL 1431.50

PLUG & FLOAT EQUIPMENT

@ _____
 @ _____
 @ _____
 @ _____
 @ _____

TOTAL _____

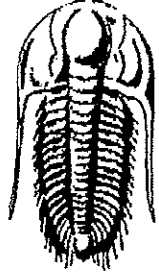
To: Allied Oil & Gas Services, LLC.
 You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

SALES TAX (If Any) _____
 TOTAL CHARGES 4520.70
 DISCOUNT _____ IF PAID IN 30 DAYS
Net 3616.56

PRINTED NAME _____

SIGNATURE Jody Dume

Only copy



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **R&B Oil & Gas**
PO Box 195
Attica KS 67009

ATTN: Tim Pierce

Colborn B #1

23-33s-12w Barber,KS

Start Date: 2013.03.10 @ 18:40:10

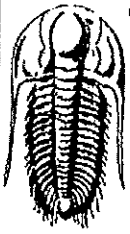
End Date: 2013.03.11 @ 02:18:40

Job Ticket #: 50850 DST #: 1

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

Printed: 2013.03.18 @ 13:56:04

R&B Oil & Gas 23-33s-12w Barber,KS Colborn B #1 DST # 1 Miss. 2013.03.10



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

R&B Oil & Gas

23-33s-12w Barber, KS

PO Box 195
Attica KS 67009

Colborn B #1

Job Ticket: 50850

DST#: 1

ATTN: Tim Pierce

Test Start: 2013.03.10 @ 18:40:10

GENERAL INFORMATION:

Formation: Miss.

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 20:40:55

Time Test Ended: 02:18:40

Test Type: Conventional Bottom Hole (Initial)

Tester: Gary Pevoteaux

Unit No: 56

Interval: 4473.00 ft (KB) To 4555.00 ft (KB) (TVD)

Total Depth: 4555.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Poor

Reference Elevations: 1467.00 ft (KB)

1457.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 8352 Inside

Press@RunDepth: 54.48 psig @ 4474.00 ft (KB)

Start Date: 2013.03.10

End Date:

2013.03.11

Capacity: 8000.00 psig

Last Calib.: 2013.03.11

Start Time: 18:40:15

End Time:

02:18:39

Time On Btm: 2013.03.10 @ 20:39:25

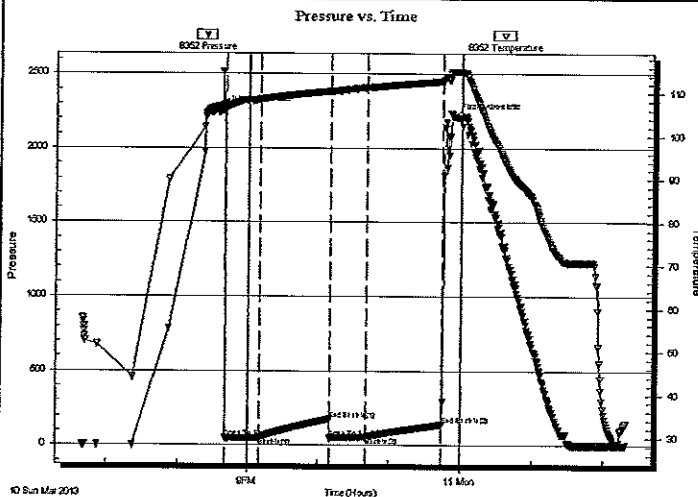
Time Off Btm: 2013.03.10 @ 23:53:40

TEST COMMENT: IF: Fair blow. Increase to 9".

IS: No blow.

FF: Weak to fair blow. Increase to 6".

FSI: No blow.



PRESSURE SUMMARY

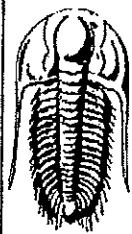
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2256.05	107.26	Initial Hydro-static
2	46.32	106.66	Open To Flow (1)
30	47.82	108.59	Shut-In(1)
90	173.90	110.42	End Shut-In(1)
91	46.98	110.36	Open To Flow (2)
121	54.48	111.34	Shut-In(2)
186	139.70	112.79	End Shut-In(2)
195	2210.23	115.06	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	Gritty mud	839.31
0.00	250 ft. of GIP	0.00

Gas Rates

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

R&B Oil & Gas

23-33s-12w Barber, KS

PO Box 195
Attica KS 67009

Colborn B #1

Job Ticket: 50850

DST#: 1

ATTN: Tim Pierce

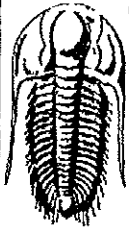
Test Start: 2013.03.10 @ 18:40:10

Tool Information

Drill Pipe:	Length: 4359.00 ft	Diameter: 3.80 inches	Volume: 61.15 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: 120.00 ft	Diameter: 120.00 inches	Volume: 1678.62 bbl	Weight to Pull Loose: 107000.0 lb
			<u>Total Volume: 1739.77 bbl</u>	Tool Chased 6.00 ft
Drill Pipe Above KB:	26.00 ft			String Weight: Initial 69000.00 lb
Depth to Top Packer:	4473.00 ft			Final 70000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	82.00 ft			
Tool Length:	102.00 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			4454.00	
Shut in tool	5.00			4459.00	
HMV	5.00			4464.00	
Packer	4.00			4468.00	20.00 Bottom Of Top Packer
Packer	5.00			4473.00	
Stubb	1.00			4474.00	
Recorder	0.00	8352	Inside	4474.00	
Recorder	0.00	8370	Outside	4474.00	
Perforations	8.00			4482.00	
Blank Spacing	63.00			4545.00	
Perforations	5.00			4550.00	
Bullnose	5.00			4555.00	82.00 Bottom Packers & Anchor
Total Tool Length:		102.00			



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

R&B Oil & Gas

23-33s-12w Barber, KS

PO Box 195
Attica KS 67009

Colborn B #1

Job Ticket: 50850

DST#: 1

ATTN: Tim Pierce

Test Start: 2013.03.10 @ 18:40:10

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:	5000 ppm
Viscosity: 46.00 sec/qt	Cushion Volume: bbl		
Water Loss: 9.58 in ³	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 5000.00 ppm			
Filter Cake: 0.20 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	Gritty mud	839.311
0.00	250 ft.of GIP	0.000

Total Length: 60.00 ft Total Volume: 839.311 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #: none

Laboratory Name:

Laboratory Location:

Recovery Comments:

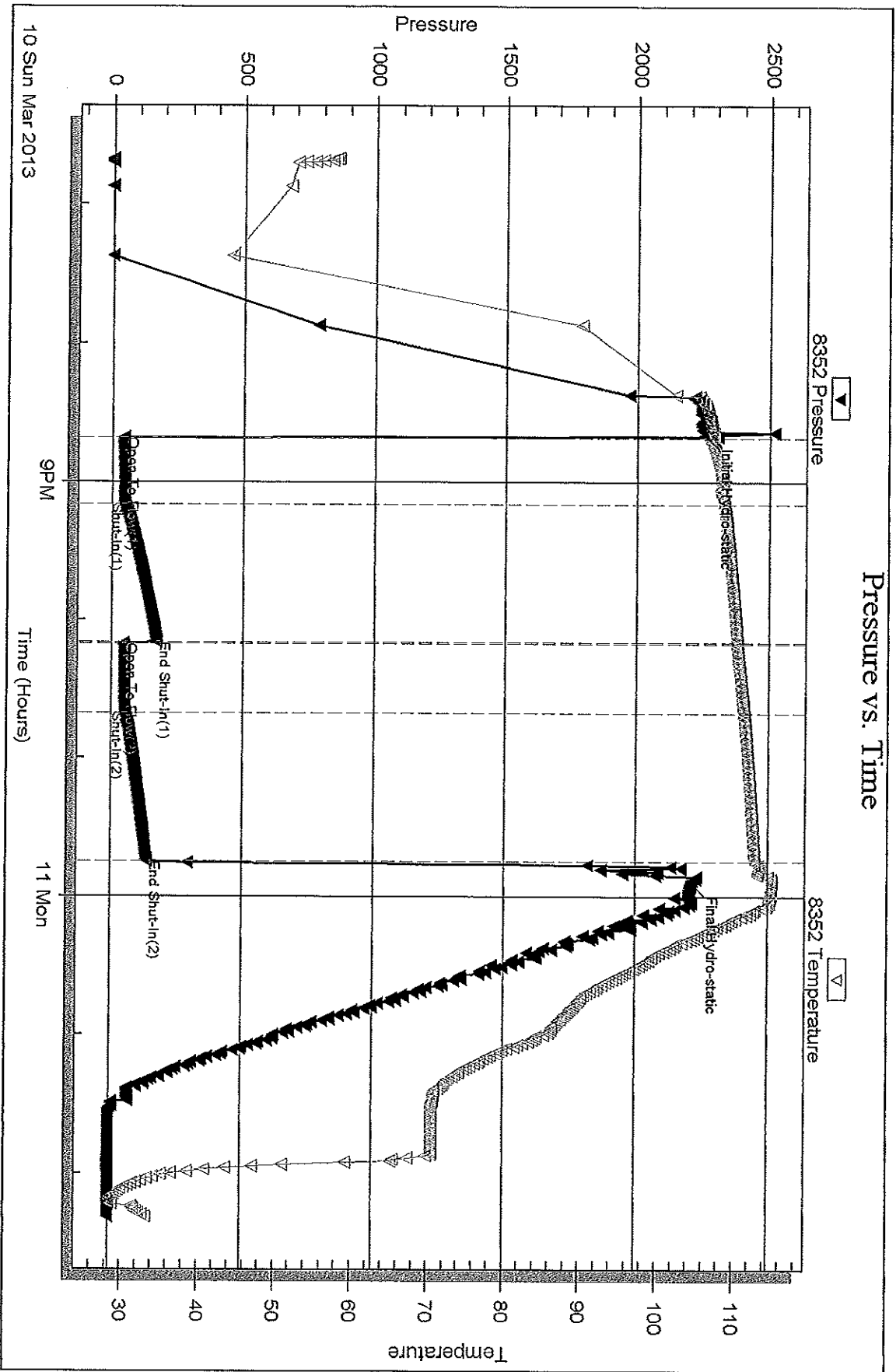
Serial #: 8352

Inside

R&B Oil & Gas

Colborn B #1

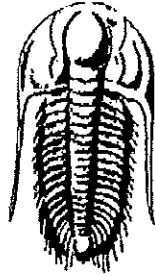
DST Test Number: 1



Trilobite Testing, Inc

Ref. No: 50850

Printed: 2013.03.18 @ 13:56:07



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **R&B Oil & Gas**

PO Box 195
Attica KS 67009

ATTN: Tim Pierce

Colborn B #1

23-33s-12w Barber,KS

Start Date: 2013.03.11 @ 09:30:36

End Date: 2013.03.11 @ 16:13:51

Job Ticket #: 50951 DST #: 2

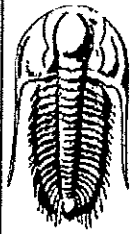
Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2013.03.18 @ 13:55:02

R&B Oil & Gas 23-33s-12w Barber,KS Colborn B #1 DST # 2 Miss. 2013.03.11



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

R&B Oil & Gas

23-33s-12w Barber,KS

PO Box 195
Attica KS 67009

Colborn B #1

Job Ticket: 50951

DST#: 2

ATTN: Tim Pierce

Test Start: 2013.03.11 @ 09:30:36

GENERAL INFORMATION:

Formation: Miss.

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 11:11:36

Time Test Ended: 16:13:51

Test Type: Conventional Bottom Hole (Reset)

Tester: Gary Pevoteaux

Unit No: 56

Interval: 4550.00 ft (KB) To 4585.00 ft (KB) (TVD)

Reference Elevations: 1467.00 ft (KB)

Total Depth: 4585.00 ft (KB) (TVD)

1457.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Poor

KB to GR/CF: 10.00 ft

Serial #: 8352

Inside

Press@RunDepth: 51.43 psig @ 4551.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.03.11

End Date:

2013.03.11

Last Calib.:

2013.03.11

Start Time: 09:30:41

End Time:

16:13:50

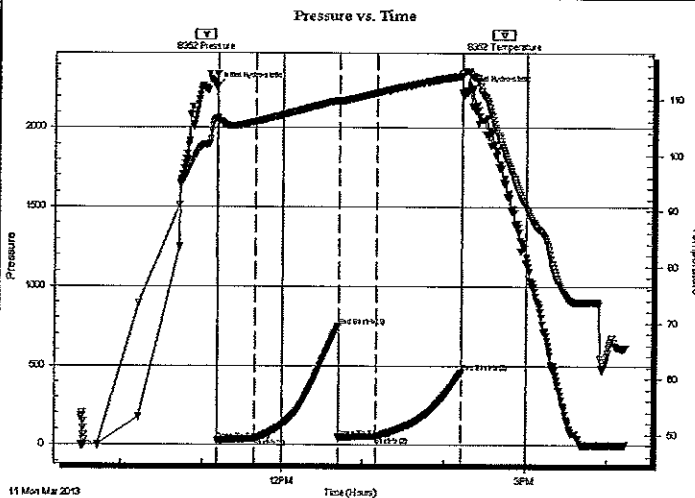
Time On Btm:

2013.03.11 @ 11:10:21

Time Off Btm:

2013.03.11 @ 14:14:06

TEST COMMENT: IF:Weak blow . Increase to 5 1/2".
IS:No blow .
FF:Weak blow . 1/2 - 2 1/2".
FSI:No blow .



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2258.02	106.62	Initial Hydro-static
2	27.98	105.96	Open To Flow (1)
30	39.14	105.99	Shut-In(1)
92	749.17	109.82	End Shut-In(1)
92	42.65	109.60	Open To Flow (2)
119	51.43	111.09	Shut-In(2)
182	457.97	114.24	End Shut-In(2)
184	2243.53	114.93	Final Hydro-static

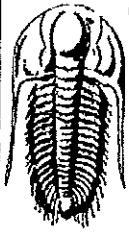
Recovery

Length (ft)	Description	Volume (bbl)
70.00	SOCWM 1%o 23%w 76% m	979.20
0.00	170 ft.of GIP	0.00

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

R&B Oil & Gas

23-33s-12w Barber,KS

PO Box 195
Atfca KS 67009

Colborn B #1

Job Ticket: 50951

DST#: 2

ATTN: Tim Pierce

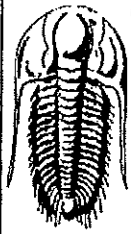
Test Start: 2013.03.11 @ 09:30:36

Tool Information

Drill Pipe:	Length: 4421.00 ft	Diameter: 3.80 inches	Volume: 62.02 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: 120.00 ft	Diameter: 120.00 inches	Volume: 1678.62 bbl	Weight to Pull Loose: 93000.00 lb
			Total Volume: 1740.64 bbl	Tool Chased 3.00 ft
Drill Pipe Above KB:	11.00 ft			String Weight: Initial 70000.00 lb
Depth to Top Packer:	4550.00 ft			Final 70000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	35.00 ft			
Tool Length:	55.00 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			4531.00	
Shut in tool	5.00			4536.00	
HMV	5.00			4541.00	
Packer	4.00			4545.00	20.00 Bottom Of Top Packer
Packer	5.00			4550.00	
Stubb	1.00			4551.00	
Recorder	0.00	8352	Inside	4551.00	
Recorder	0.00	8370	Outside	4551.00	
Perforations	29.00			4580.00	
Bullnose	5.00			4585.00	35.00 Bottom Packers & Anchor
Total Tool Length:	55.00				



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

R&B Oil & Gas

23-33s-12w Barber,KS

PO Box 195
Altica KS 67009

Colborn B #1

Job Ticket: 50951

DST#: 2

ATTN: Tim Pierce

Test Start: 2013.03.11 @ 09:30:36

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:	45.00 sec/qt	Cushion Volume:	bbf		
Water Loss:	9.59 in ³	Gas Cushion Type:			
Resistivity:	0.00 ohm.m	Gas Cushion Pressure:	psig		
Salinity:	5000.00 ppm				
Filter Cake:	0.20 inches				

Recovery Information

Recovery Table

Length ft	Description	Volume bbf
70.00	SOCWM 1%o 23%w 76%m	979.196
0.00	170 ft.of GIP	0.000

Total Length: 70.00 ft Total Volume: 979.196 bbf

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #: none

Laboratory Name:

Laboratory Location:

Recovery Comments: Rw .17 ohms@51 deg

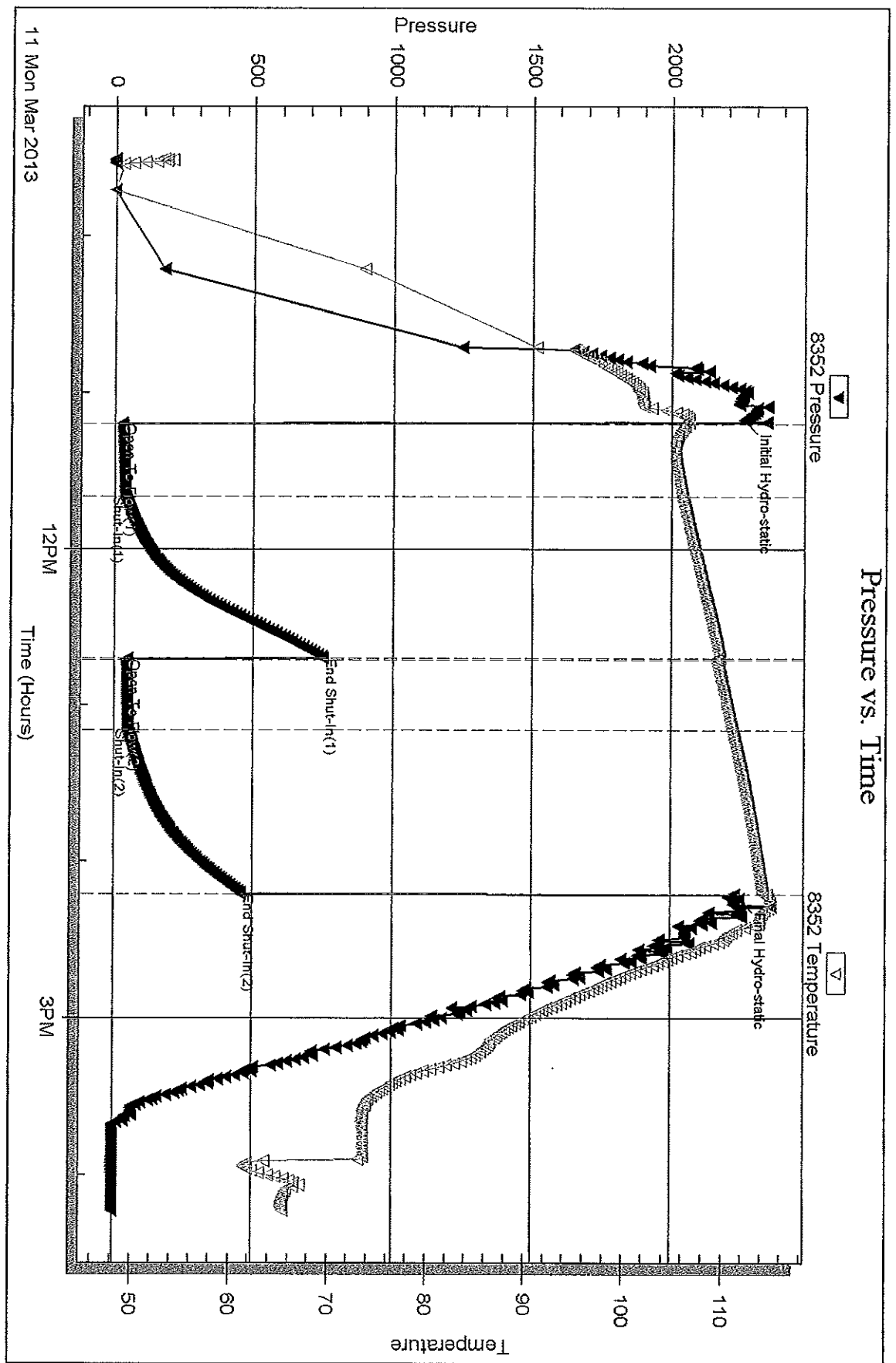
Serial #: 8352

Inside

R&B Oil & Gas

Colborn B #1

DST Test Number: 2



Trilobite Testing, Inc

Ref. No: 50951

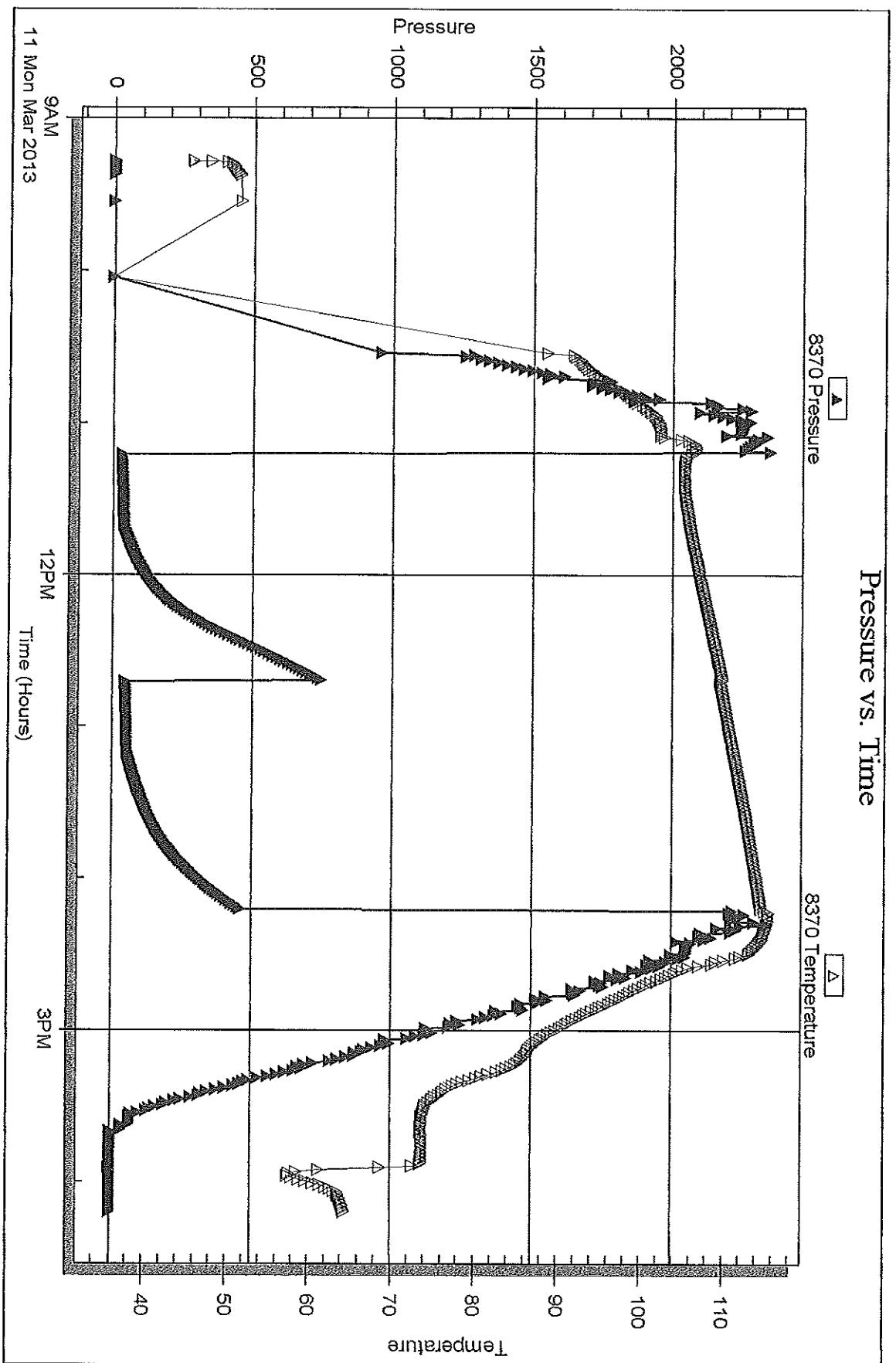
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Serial #: 8370

Outside R&B Oil & Gas

Colborn B #1

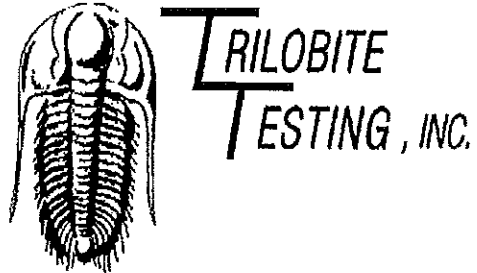
DST Test Number: 2



Tribolite Testing, Inc

Ref. No: 50951

Printed: 2013.03.18 @ 13:55:05



DRILL STEM TEST REPORT

Prepared For: **R&B Oil & Gas**

PO Box 195
Attica KS 67009

ATTN: Tim Pierce

Colborn B #1

23-33s-12w Barber,KS

Start Date: 2013.03.12 @ 08:32:25

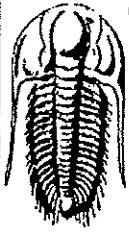
End Date: 2013.03.12 @ 16:06:10

Job Ticket #: 50952 DST #: 3

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

Printed: 2013.03.18 @ 13:54:01

R&B Oil & Gas
23-33s-12w Barber,KS
Colborn B #1
DST # 3
Viola
2013.03.12



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

R&B Oil & Gas
PO Box 195
Attica KS 67009
ATTN: Tim Pierce

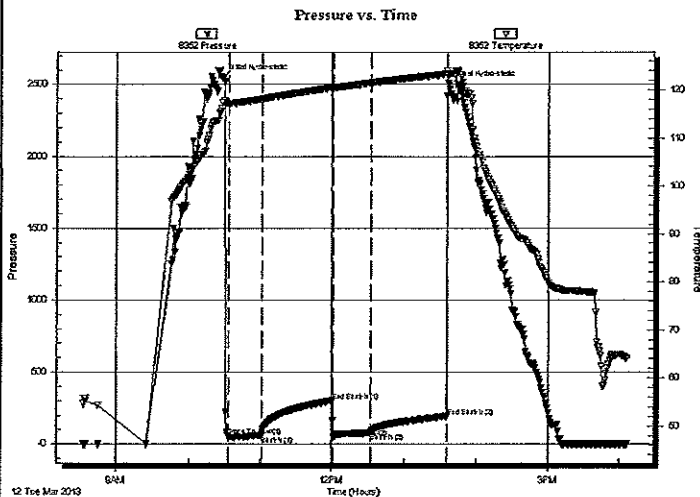
23-33s-12w Barber,KS
Colborn B #1
Job Ticket: 50952 DST#: 3
Test Start: 2013.03.12 @ 08:32:25

GENERAL INFORMATION:

Formation: **Viola**
Deviated: **No Whipstock:** **ft (KB)**
Time Tool Opened: 10:33:25
Time Test Ended: 16:06:10
Interval: **4903.00 ft (KB) To 4918.00 ft (KB) (TVD)**
Total Depth: **4918.00 ft (KB) (TVD)**
Hole Diameter: **7.88 inches** Hole Condition: **Poor**
Test Type: **Conventional Bottom Hole (Reset)**
Tester: **Gary Pevoteaux**
Unit No: **56**
Reference Elevations: **1467.00 ft (KB)**
1457.00 ft (CF)
KB to GR/CF: 10.00 ft

Serial #: 8352 **Inside**
Press@RunDepth: **78.61 psig @ 4904.00 ft (KB)** Capacity: **8000.00 psig**
Start Date: **2013.03.12** End Date: **2013.03.12** Last Calib.: **2013.03.12**
Start Time: **08:32:30** End Time: **16:06:09** Time On Btm: **2013.03.12 @ 10:27:55**
Time Off Btm: **2013.03.12 @ 13:37:25**

TEST COMMENT: IF: Strong blow . B.O.B. in 1 sec. GTS in 7 mins. (see gas flow report)
IS: Weak surface blow mid way through shut in.
FF: Strong blow . B.O.B. in 6 - 7 secs. Gas was TSTM.
FS: No blow.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2545.67	116.07	Initial Hydro-static
6	53.50	117.18	Open To Flow (1)
33	58.80	118.05	Shut-In(1)
93	301.77	120.51	End Shut-In(1)
94	45.98	120.42	Open To Flow (2)
125	78.61	121.49	Shut-In(2)
188	194.41	123.34	End Shut-In(2)
190	2498.83	123.29	Final Hydro-static

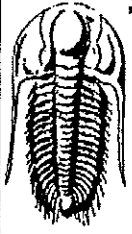
Recovery

Length (ft)	Description	Volume (bbl)
75.00	GMCO 18%g 30% m 52% o	1049.14
75.00	CGO 20%g 80% o	629.90

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.38	3.00	63.74
Last Gas Rate	0.25	1.00	24.43
Max. Gas Rate	0.38	3.00	63.74

* Recovery from multiple tests



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

R&B Oil & Gas

23-33s-12w Barber,KS

PO Box 195
Attica KS 67009

Colborn B #1

Job Ticket: 50952

DST#: 3

ATTN: Tim Pierce

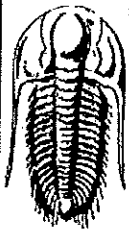
Test Start: 2013.03.12 @ 08:32:25

Tool Information

Drill Pipe:	Length: 4794.00 ft	Diameter: 3.80 inches	Volume: 67.25 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: 120.00 ft	Diameter: 120.00 inches	Volume: 1678.62 bbl	Weight to Pull Loose: 89000.00 lb
			<u>Total Volume: 1745.87 bbl</u>	Tool Chased 1.00 ft
Drill Pipe Above KB:	31.00 ft			String Weight: Initial 71000.00 lb
Depth to Top Packer:	4903.00 ft			Final 73000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	15.00 ft			
Tool Length:	35.00 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			4884.00	
Shut in tool	5.00			4889.00	
HMV	5.00			4894.00	
Packer	4.00			4898.00	20.00 Bottom Of Top Packer
Packer	5.00			4903.00	
Stubb	1.00			4904.00	
Recorder	0.00	8352	Inside	4904.00	
Recorder	0.00	8370	Outside	4904.00	
Perforations	9.00			4913.00	
Bullnose	5.00			4918.00	15.00 Bottom Packers & Anchor
Total Tool Length:	35.00				



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

R&B Oil & Gas

23-33s-12w Barber,KS

PO Box 195
Attica KS 67009

Colborn B #1

Job Ticket: 50952

DST#: 3

ATTN: Tim Pierce

Test Start: 2013.03.12 @ 08:32:25

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

38 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

5500 ppm

Viscosity: 46.00 sec/qt

Cushion Volume:

bbf

Water Loss: 12.39 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 5500.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbf
75.00	GMCO 18%g 30%m 52%o	1049.139
75.00	CGO 20%g 80%o	629.904

Total Length: 150.00 ft Total Volume: 1679.043 bbf

Num Fluid Samples: 0

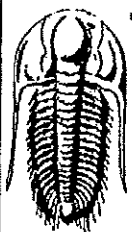
Num Gas Bombs: 1

Serial #: gp-3

Laboratory Name:

Laboratory Location:

Recovery Comments:



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

GAS RATES

R&B Oil & Gas

23-33s-12w Barber,KS

PO Box 195
Attica KS 67009

Colborn B #1

Job Ticket: 50952

DST#: 3

ATTN: Tim Pierce

Test Start: 2013.03.12 @ 08:32:25

Gas Rates Information

Temperature: 59 (deg F)

Relative Density: 0.65

Z Factor: 0.8

Gas Rates Table

Flow Period	Elapsed Time	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
1	10	0.38	3.00	63.74
1	20	0.25	3.00	27.60
1	30	0.25	1.00	24.43

Serial #: 8352

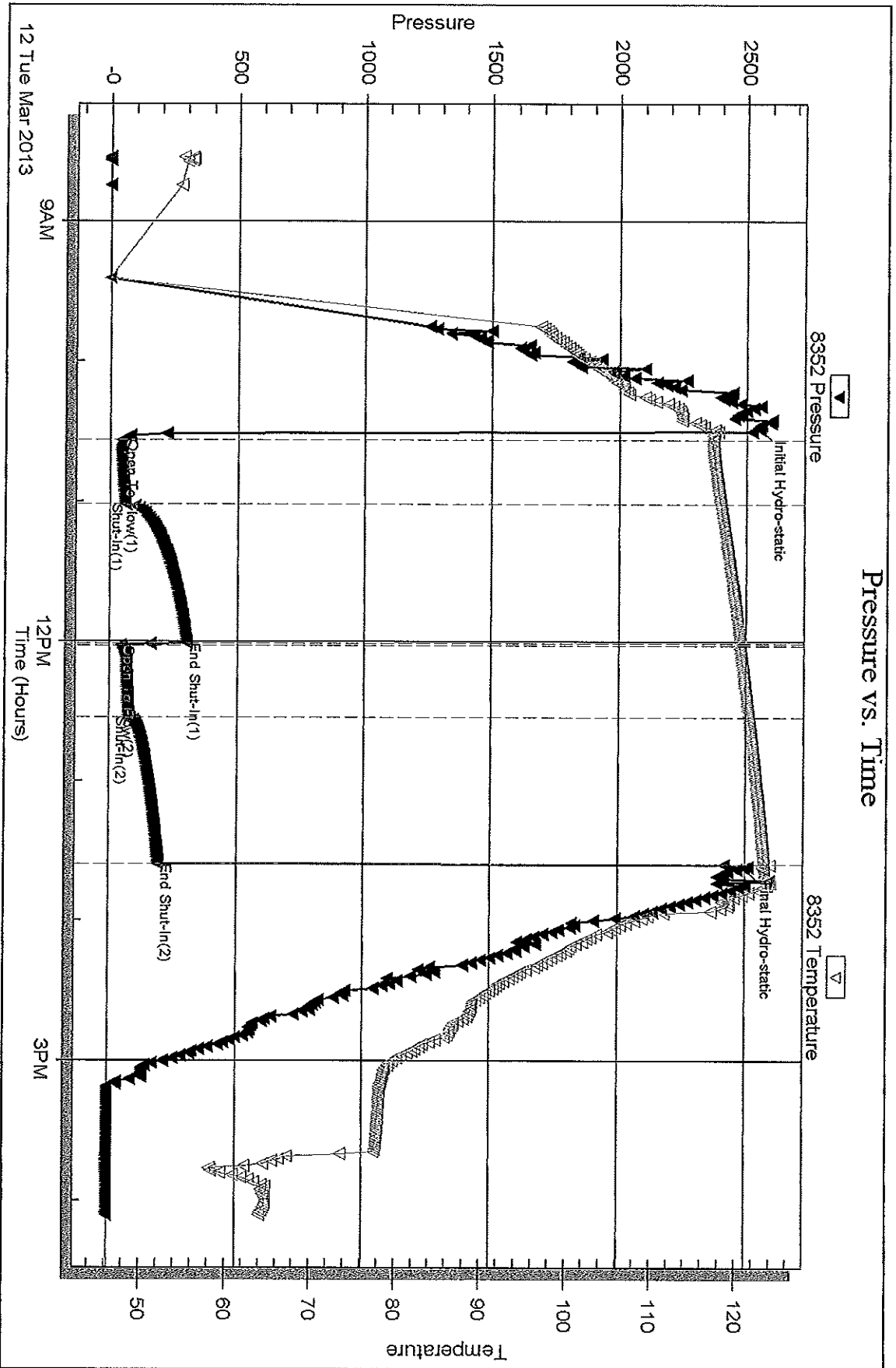
Inside

R&B Oil & Gas

Colborn B #1

DST Test Number: 3

Pressure vs. Time



Tribolite Testing, Inc

Ref. No: 50952

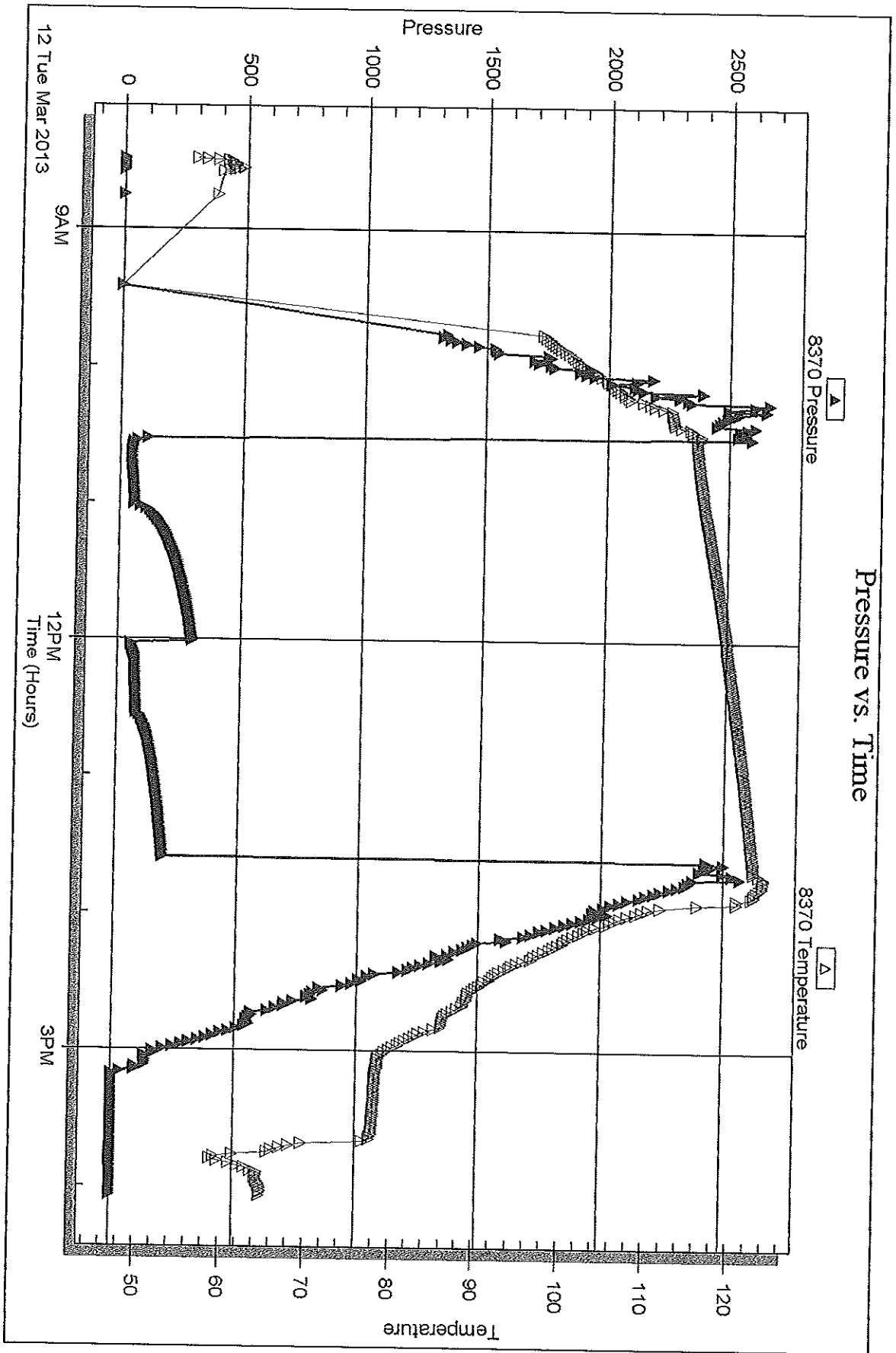
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Serial #: 8370

Outside R&B Oil & Gas

Colborn B #1

DST Test Number: 3



Triobite Testing, Inc

Ref. No: 50952

Printed: 2013.03.18 @ 13:54:05