



KANSAS CORPORATION COMMISSION 1075157
OIL & GAS CONSERVATION DIVISION

Form ACO-1

June 2009

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

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # _____

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: _____



1075157

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> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	Griffin, Charles N.
Well Name	Randels 2
Doc ID	1075157

Tops

Name	Top	Datum
Lansing	3856	-2287
Stark Shale	4240	-2671
Bottom Kansas City	4325	-2756
Mississippi	4330	-2761
Kinderhook	4601	-3032
Chattanooga	4672	-3103
Viola	4708	-3139
Simpson Sand	4801	-3232
Arbuckle	4919	-3350



BASICSM
ENERGY SERVICES
PRESSURE PUMPING & WIRELINE

10244 NE Hwy. 61
P.O. Box 8613
Pratt, Kansas 67124
Phone 620-672-1201

FIELD SERVICE TICKET
1718 04379 A

34-325-12W

DATE _____ TICKET NO. _____

DATE OF JOB 7-6-11	DISTRICT Pratt, Kansas	NEW WELL <input checked="" type="checkbox"/>	OLD WELL <input type="checkbox"/>	PROD <input type="checkbox"/>	INJ <input type="checkbox"/>	WDW <input type="checkbox"/>	CUSTOMER ORDER NO.:		
CUSTOMER Griffin Management	LEASE Randels		WELL NO. 2						
ADDRESS	COUNTY Barber	STATE Kansas							
CITY	STATE	SERVICE CREW C. Messick; J. Melson; M. Lawrence							
AUTHORIZED BY	JOB TYPE: C.N.W - Surface								
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	AM	TIME
37,216	.5						7-5-11	PM	5:00
						ARRIVED AT JOB	7-5-11	PM	9:00
33,708-20,920	.5					START OPERATION	7-6-11	AM	1:00
						FINISH OPERATION	7-6-11	PM	1:30
19,831-21,010	.5					RELEASED	7-6-11	AM	2:00
						MILES FROM STATION TO WELL	40		

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered).

The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and acknowledges that this contract for services, materials, products, and/or supplies includes all of and only those terms and conditions appearing on the front and back of this document. No additional or substitute terms and/or conditions shall become a part of this contract without the written consent of an officer of Basic Energy Services LP.

SIGNED: _____
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
CP 100	Common Cement	sh	200		\$ 3,200 00
CC 102	Cellflake	Lb	50		\$ 185 00
CC 109	Calcium Chloride	Lb	376		\$ 394 80
CF 153	Wooden Plug, 8 5/8"	ea	1		\$ 160 00
E 100	Pickup Mileage	mi	40		\$ 170 00
E 101	Heavy Equipment Mileage	mi	80		\$ 560 00
E 113	Bulk Delivery	tm	376		\$ 601 60
CE 200	Cement Pump: 0 Feet To 500 Feet	hrs.	4		\$ 1,000 00
CE 240	Blending and Mixing	sh	200		\$ 280 00
CE 504	Plug Container	Job	1		\$ 250 00
S 003	Service Supervisor	hrs.	8		\$ 175 00

SUB TOTAL

DLS \$ 5,511 36

CHEMICAL / ACID DATA:			

SERVICE & EQUIPMENT	%TAX ON \$	
MATERIALS	%TAX ON \$	
TOTAL		

SERVICE REPRESENTATIVE: Arreno R Messick THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: Sayre

(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

FIELD SERVICE ORDER NO.



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Charles N.Griffin**

PO Box 347
Pratt KS 67124

ATTN: Bruce Reed

34-32s-12w Barber,KS

Randels #2

Start Date: 2011.07.11 @ 16:25:54

End Date: 2011.07.12 @ 01:35:09

Job Ticket #: 042513 DST #: 1

Trilobite Testing, Inc
PO Box 1733 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

ORIGINAL

Printed: 2011.07.21 @ 11:46:53 Page 1

Charles N.Griffin

Randels #2

34-32s-12w Barber,KS

DST # 1

Miss.

2011.07.11



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Charles N.Griffin

Randels #2

PO Box 347
Pratt KS 67124

34-32s-12w Barber,KS

Job Ticket: 042513

DST#: 1

ATTN: Bruce Reed

Test Start: 2011.07.11 @ 16:25:54

GENERAL INFORMATION:

Formation: **Miss.**

Deviated: **No** Whipstock: **ft (KB)**

Time Tool Opened: 20:04:24

Time Test Ended: 01:35:09

Test Type: Conventional Bottom Hole

Tester: Gary Fevoteaux

Unit No: 56

Interval: **4415.00 ft (KB) To 4450.00 ft (KB) (TVD)**

Reference Elevations: 1569.00 ft (KB)

Total Depth: 4450.00 ft (KB) (TVD)

1561.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

Serial #: 8167

Inside

Press@RunDepth: 21.22 psig @ 4416.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.07.11

End Date: 2011.07.12

Last Calib.: 2011.07.12

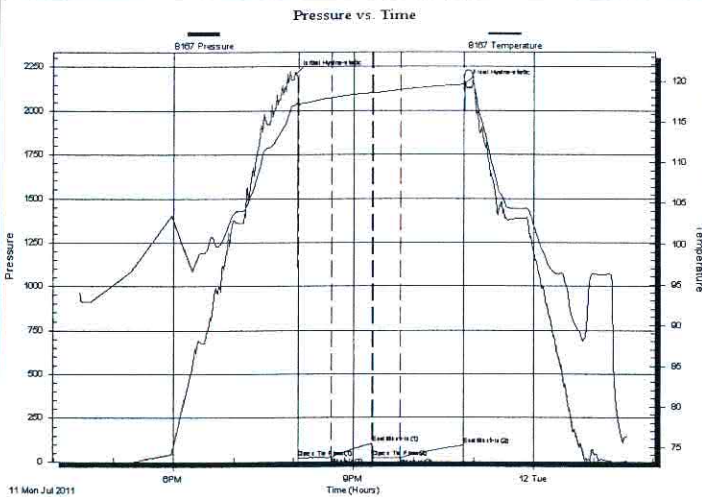
Start Time: 16:25:59

End Time: 01:35:09

Time On Btm: 2011.07.11 @ 20:02:09

Time Off Btm: 2011.07.11 @ 22:50:54

TEST COMMENT: IF: Strong blow. B.O.B. in 7 1/2 mins.
IS: No blow.
FF: Weak blow. 2 - 4 1/2".
FS: No blow.



PRESSURE SUMMARY

Time (Mn.)	Pressure (psig)	Temp (deg F)	Annotation
0	2209.66	117.22	Initial Hydro-static
3	18.67	116.85	Open To Flow (1)
36	24.09	117.97	Shut-In(1)
77	103.16	118.59	End Shut-In(1)
77	18.87	118.58	Open To Flow (2)
105	21.22	118.99	Shut-In(2)
167	92.48	119.65	End Shut-In(2)
169	2151.22	121.00	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	Drig.mud	0.02
0.00	305 ft.of GIP	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Charles N.Griffin

Randels #2

PO Box 347
Pratt KS 67124

34-32s-12w Barber,KS

Job Ticket: 042513

DST#: 1

ATTN: Bruce Reed

Test Start: 2011.07.11 @ 16:25:54

Tool Information

Drill Pipe:	Length: 4291.00 ft	Diameter: 3.80 inches	Volume: 60.19 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: 124.00 ft	Diameter: 2.25 inches	Volume: 0.61 bbl	Weight to Pull Loose: 63000.00 lb
			<u>Total Volume: 60.80 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	20.00 ft			String Weight: Initial 50000.00 lb
Depth to Top Packer:	4415.00 ft			Final 50000.00 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			4396.00	
Shut in tool	5.00			4401.00	
HMV	5.00			4406.00	
Packer	4.00			4410.00	20.00 Bottom Of Top Packer
Packer	5.00			4415.00	
Stubb	1.00			4416.00	
Recorder	0.00	8167	Inside	4416.00	
Recorder	0.00	8370	Outside	4416.00	
Perforations	29.00			4445.00	
Bullnose	5.00			4450.00	35.00 Bottom Packers & Anchor
Total Tool Length:	55.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Charles N.Griffin

Randels #2

PO Box 347
Pratt KS 67124

34-32s-12w Barber,KS

Job Ticket: 042513

DST#: 1

ATTN: Bruce Reed

Test Start: 2011.07.11 @ 16:25:54

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:	4500 ppm
Viscosity: 48.00 sec/qt	Cushion Volume: bbl		
Water Loss: 9.58 in ³	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 4500.00 ppm			
Filter Cake: 0.20 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	Drig.mud	0.025
0.00	305 ft.of GIP	0.000

Total Length: 5.00 ft Total Volume: 0.025 bbl

Num Fluid Samples: 0

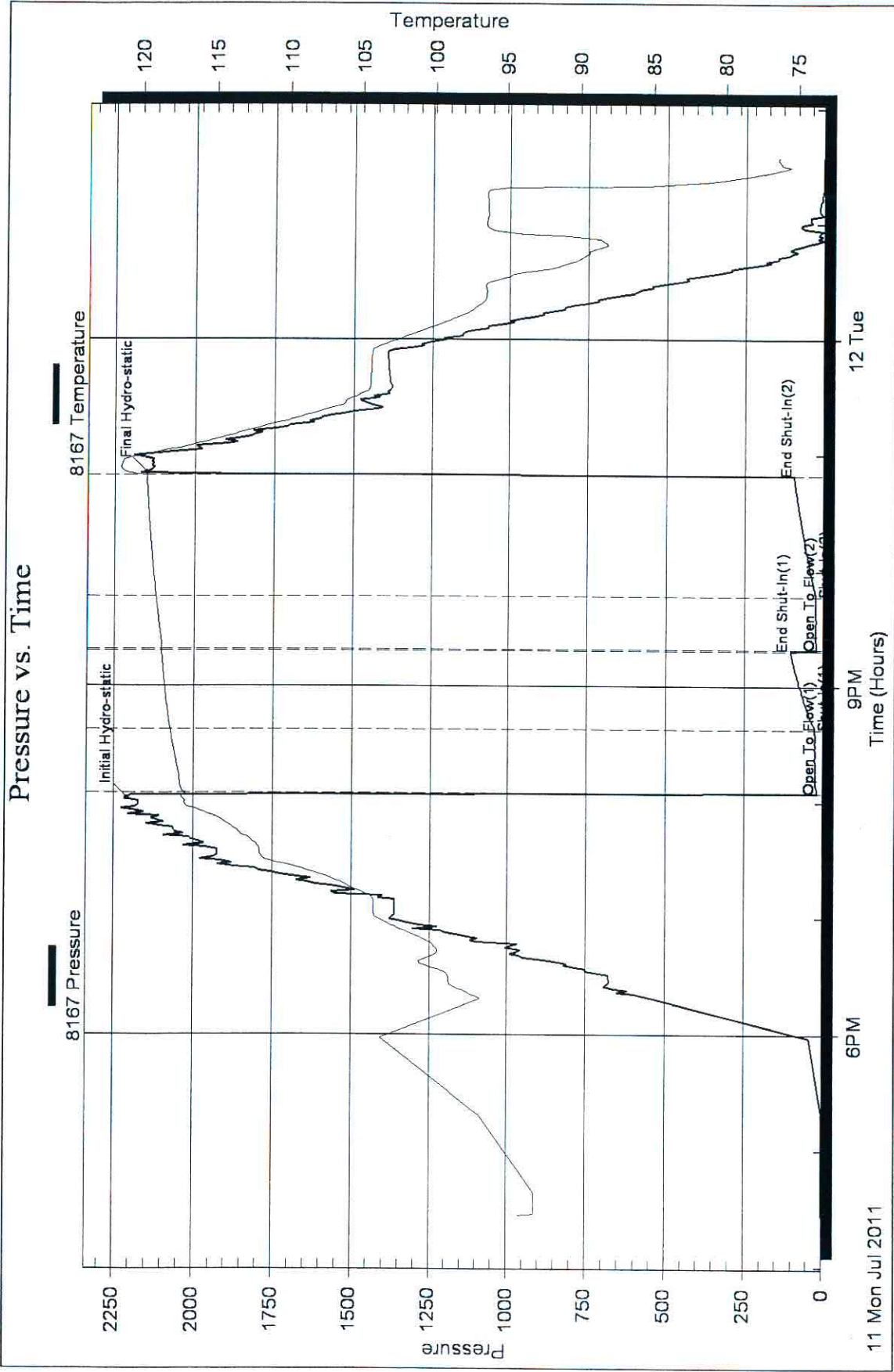
Num Gas Bombs: 0

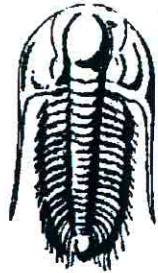
Serial #: none

Laboratory Name:

Laboratory Location:

Recovery Comments:





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Charles N.Griffin**

PO Box 347
Pratt KS 67124

ATTN: Bruce Reed

34-32s-12w Barber,KS

Randels #2

Start Date: 2011.07.13 @ 06:35:31

End Date: 2011.07.13 @ 15:12:46

Job Ticket #: 042514 DST #: 2

Trilobite Testing, Inc
PO Box 1733 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Charles N.Griffin

Randels #2

34-32s-12w Barber,KS

DST # 2

Simpson

2011.07.13



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Charles N. Griffin

Randels #2

PO Box 347
Pratt KS 67124

34-32s-12w Barber, KS

Job Ticket: 042514

DST#: 2

ATTN: Bruce Reed

Test Start: 2011.07.13 @ 06:35:31

GENERAL INFORMATION:

Formation: **Simpson**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 09:42:46

Time Test Ended: 15:12:46

Test Type: Conventional Bottom Hole

Tester: Gary Pevoteaux

Unit No: 56

Interval: **4786.00 ft (KB) To 4810.00 ft (KB) (TVD)**

Total Depth: 4810.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 1569.00 ft (KB)

1561.00 ft (CF)

KB to GR/CF: 8.00 ft

Serial #: 8167

Inside

Press@RunDepth: 72.95 psig @ 4787.00 ft (KB)

Start Date: 2011.07.13 End Date:

Start Time: 06:35:36 End Time:

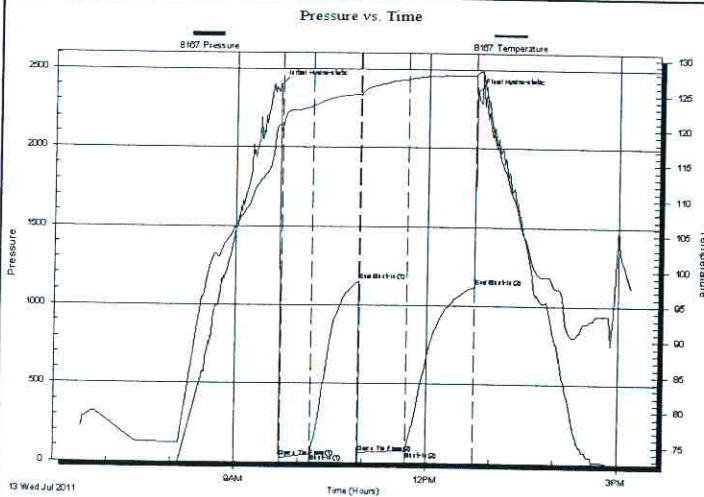
Capacity: 8000.00 psig

Last Calib.: 2011.07.13

Time On Btm: 2011.07.13 @ 09:40:16

Time Off Btm: 2011.07.13 @ 12:46:16

TEST COMMENT: IF: Strong blow . B.O.B. in 85 secs.
IS: No blow .
FF: Strong blow . B.O.B. in 15 secs.
FSI: No blow .



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2398.05	120.48	Initial Hydro-static
3	31.89	120.34	Open To Flow (1)
31	51.20	123.23	Shut-In(1)
76	1152.36	124.97	End Shut-In(1)
76	58.97	124.75	Open To Flow (2)
121	72.95	127.10	Shut-In(2)
185	1123.62	127.70	End Shut-In(2)
186	2356.96	128.01	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
120.00	GOCVM 13%g 11%o 35% 41%m	0.59
30.00	SOCM 3%o 97%m	0.38
0.00	1975 ft. of GIP	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Charles N.Griffin

Randels #2

PO Box 347
Pratt KS 67124

34-32s-12w Barber,KS

Job Ticket: 042514

DST#: 2

ATTN: Bruce Reed

Test Start: 2011.07.13 @ 06:35:31

Tool Information

Drill Pipe:	Length: 4664.00 ft	Diameter: 3.80 inches	Volume: 65.42 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: 124.00 ft	Diameter: 2.25 inches	Volume: 0.61 bbl	Weight to Pull Loose: 71000.00 lb
			<u>Total Volume: 66.03 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	30.00 ft			String Weight: Initial 55000.00 lb
Depth to Top Packer:	4786.00 ft			Final 56000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	24.00 ft			
Tool Length:	52.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Length (ft) Serial No. Position Depth (ft) Accum. Lengths

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
C.O. Sub	1.00			4759.00	
Shut in tool	5.00			4764.00	
HIV	5.00			4769.00	
Jars	5.00			4774.00	
Safety Joint	3.00			4777.00	
Packer	4.00			4781.00	28.00 Bottom Of Top Packer
Packer	5.00			4786.00	
Stubb	1.00			4787.00	
Recorder	0.00	8167	Inside	4787.00	
Recorder	0.00	8370	Outside	4787.00	
Perforations	18.00			4805.00	
Bullnose	5.00			4810.00	24.00 Bottom Packers & Anchor

Total Tool Length: 52.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Charles N.Griffin

Randels #2

PO Box 347
Pratt KS 67124

34-32s-12w Barber,KS

Job Ticket: 042514

DST#: 2

ATTN: Bruce Reed

Test Start: 2011.07.13 @ 06:35:31

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:	70500 ppm
Viscosity: 49.00 sec/qt	Cushion Volume: bbl		
Water Loss: 9.19 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
120.00	GOCWM 13%g 11%o 35% 41%m	0.590
30.00	SOQM 3%o 97%m	0.384
0.00	1975 ft.of GIP	0.000

Total Length: 150.00 ft Total Volume: 0.974 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #: none

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 8167

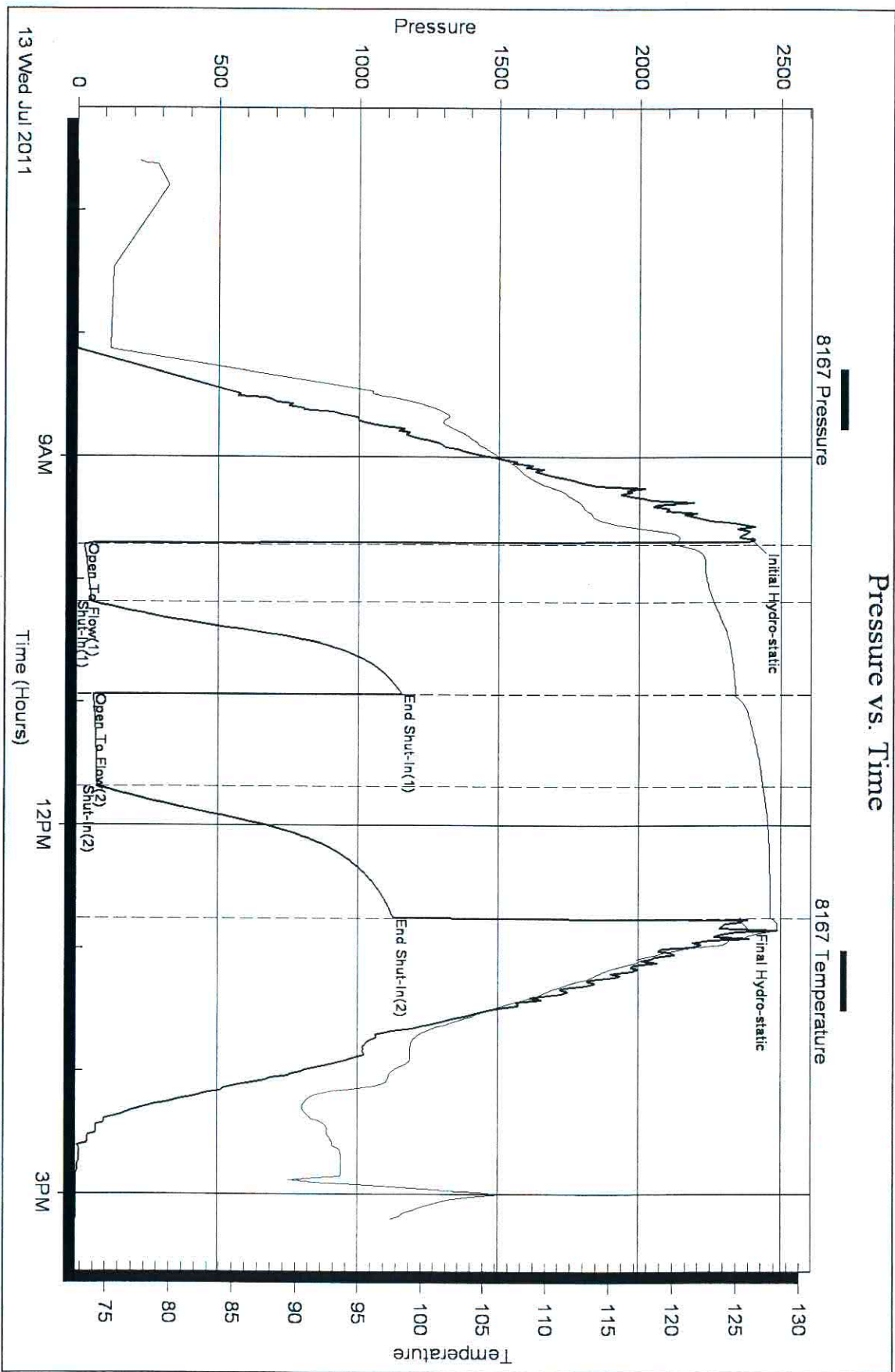
Inside

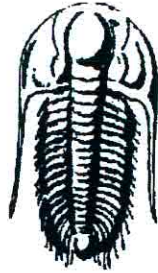
Charles N. Griffin

34-32s-12w Barber, KS

DST Test Number: 2

Pressure vs. Time





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Charles N.Griffin**

PO Box 347
Pratt KS 67124

ATTN: Bruce Reed

34-32s-12w Barber,KS

Randels #2

Start Date: 2011.07.13 @ 23:59:18

End Date: 2011.07.14 @ 07:21:18

Job Ticket #: 042515 DST #: 3

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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

Charles N.Griffin

Randels #2

34-32s-12w Barber,KS

DST # 3

Simpson

2011.07.13



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Charles N.Griffin

Randels #2

PO Box 347
Pratt KS 67124

34-32s-12w Barber,KS

ATTN: Bruce Reed

Job Ticket: 042515

DST#: 3

Test Start: 2011.07.13 @ 23:59:18

GENERAL INFORMATION:

Formation: **Simpson**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 02:58:03
 Time Test Ended: 07:21:18

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

Interval: **4810.00 ft (KB) To 4816.00 ft (KB) (TVD)**
 Total Depth: 4816.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 1569.00 ft (KB)
 1561.00 ft (CF)
 KB to GR/CF: 8.00 ft

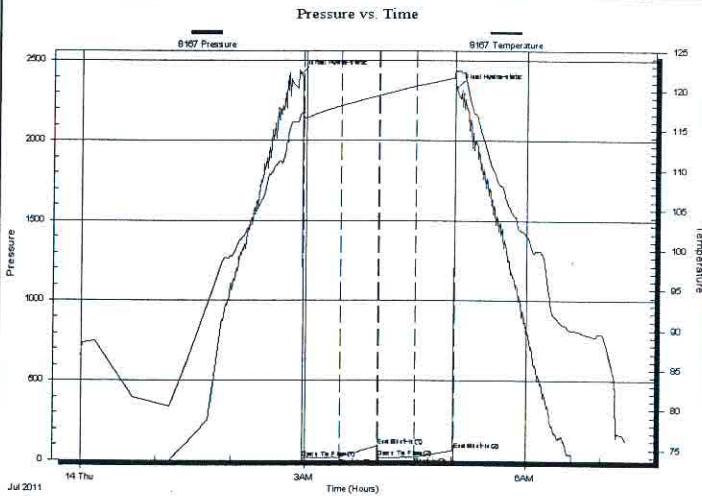
Serial #: 8167

Inside

Press@RunDepth: 20.12 psig @ 4811.00 ft (KB)
 Start Date: 2011.07.13 End Date: 2011.07.14
 Start Time: 23:59:23 End Time: 07:21:17

Capacity: 8000.00 psig
 Last Calib.: 2011.07.14
 Time On Btmr: 2011.07.14 @ 02:55:33
 Time Off Btmr: 2011.07.14 @ 05:02:33

TEST COMMENT: IF:Weak blow . Slow increase to 4 1/2".
 IS:No blow .
 FF:Weak blow . 1 - 3".
 FS:No blow .



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2418.77	117.09	Initial Hydro-static
3	12.70	116.50	Open To Flow (1)
33	16.80	118.05	Shut-In(1)
64	91.70	119.35	End Shut-In(1)
64	15.33	119.36	Open To Flow (2)
94	20.12	120.54	Shut-In(2)
126	64.07	121.65	End Shut-In(2)
127	2333.15	122.43	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
30.00	OCM 20%o 80%nm Clean oil@ top of tool	0.15
0.00	90 ft.of GIP	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Charles N.Griffin

Randels #2

PO Box 347
Pratt KS 67124

34-32s-12w Barber,KS

Job Ticket: 042515

DST#: 3

ATTN: Bruce Reed

Test Start: 2011.07.13 @ 23:59:18

Tool Information

Drill Pipe:	Length: 4664.00 ft	Diameter: 3.80 inches	Volume: 65.42 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: 124.00 ft	Diameter: 2.25 inches	Volume: 0.61 bbl	Weight to Pull Loose: 64000.00 lb
			<u>Total Volume: 66.03 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	6.00 ft			String Weight: Initial 56000.00 lb
Depth to Top Packer:	4810.00 ft			Final 56000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	6.00 ft			
Tool Length:	34.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Length (ft) Serial No. Position Depth (ft) Accum. Lengths

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
C.O. Sub	1.00			4783.00	
Shut in tool	5.00			4788.00	
HMV	5.00			4793.00	
Jars	5.00			4798.00	
Safety Joint	3.00			4801.00	
Packer	4.00			4805.00	28.00 Bottom Of Top Packer
Packer	5.00			4810.00	
Stubb	1.00			4811.00	
Recorder	0.00	8167	Inside	4811.00	
Recorder	0.00	8370	Outside	4811.00	
Bullnose	5.00			4816.00	6.00 Bottom Packers & Anchor

Total Tool Length: 34.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Charles N.Griffin

Randels #2

PO Box 347
Pratt KS 67124

34-32s-12w Barber,KS

Job Ticket: 042515

DST#: 3

ATTN: Bruce Reed

Test Start: 2011.07.13 @ 23:59:18

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:	5000 ppm
Viscosity: 49.00 sec/qt	Cushion Volume: bbl		
Water Loss: 9.19 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
30.00	OCM 20%o 80%m/Clean oil@ top of tool	0.148
0.00	90 ft.of GIP	0.000

Total Length: 30.00 ft Total Volume: 0.148 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #: none

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 8167

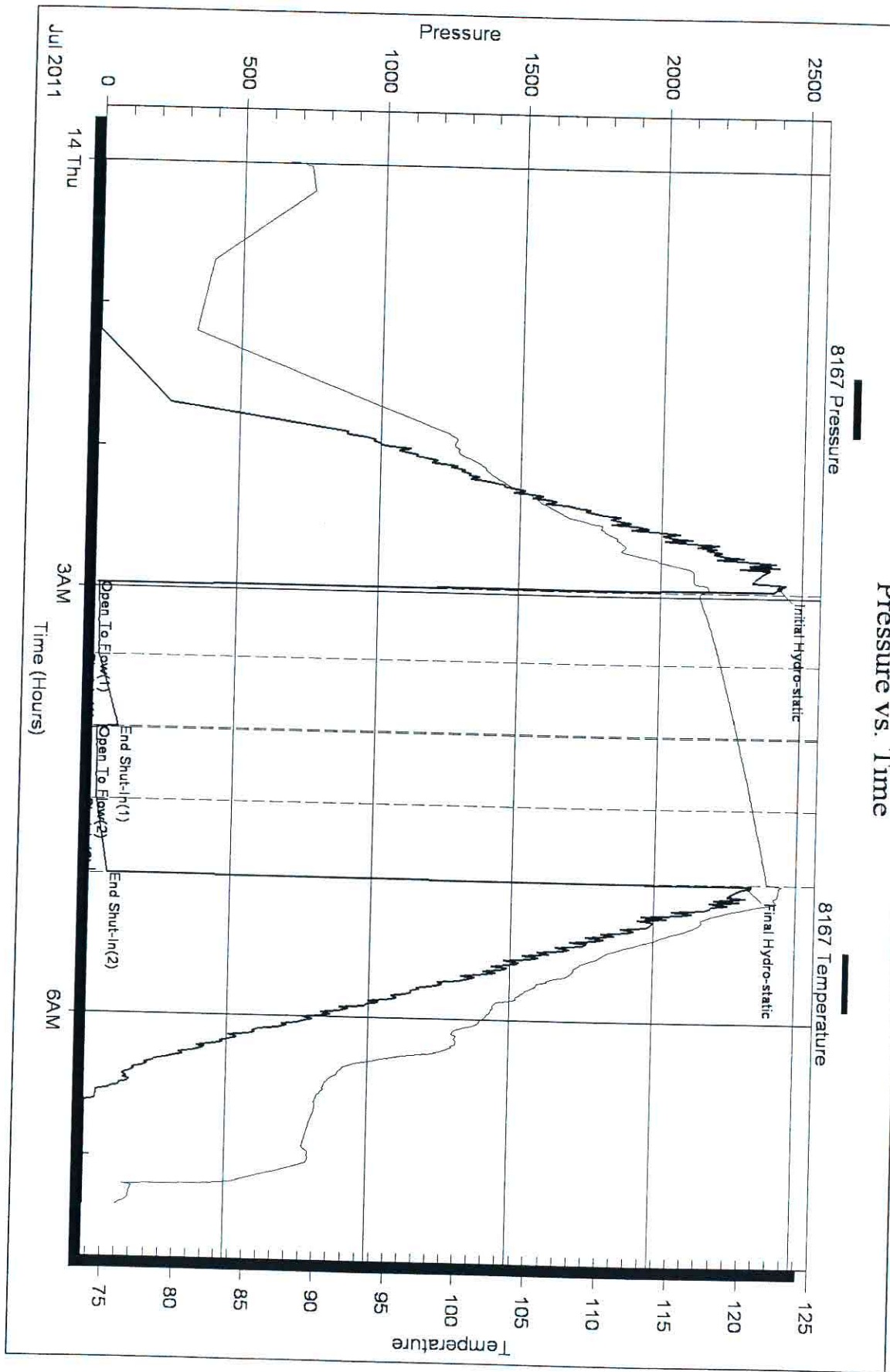
Inside

Charles N. Griffin

34-32s-12w Barber, KS

DST Test Number: 3

Pressure vs. Time



Triobite Testing, Inc

Ref. No: 042515

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