

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

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 # 4058
Name: American Warrior, Inc
Address 1: P O Box 399
Address 2: _____
City: Garden City State: KS Zip: 67846 + _____
Contact Person: Kevin Wiles, Sr
Phone: (620) 275-2963
CONTRACTOR: License # 5822
Name: Val Energy
Wellsite Geologist: Roger Fisher
Purchaser: N/A
Designate Type of Completion:

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KCC WICHITA

- 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 #: _____

10/25/10	11/2/10	
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - ⁰⁷³~~007~~-21, 705 -0000
Spot Description: NW-NE-NW-SE
NW_NE_NW_SE Sec. 13 Twp. 34 S. R. 9 East West
2,551 Feet from North / South Line of Section
1,735 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: Harper
Lease Name: Patterson Well #: 2-13
Field Name: Wildcat
Producing Formation: N/A
Elevation: Ground: 1295' Kelly Bushing: 1305'
Total Depth: 4670' Plug Back Total Depth: _____
Amount of Surface Pipe Set and Cemented at: 354 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: 19,000 ppm Fluid volume: 75 bbls
Dewatering method used: EVAPORATION
Location of fluid disposal if hauled offsite: _____
Operator Name: _____
Lease Name: _____ License #: _____
Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West
County: _____ Permit #: _____

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

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.

Signature: *Neil Smith*
Title: Geologist Date: 11/10/10

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: PJA Dlg Date: 11/16/10

Operator Name: American Warrior, Inc Lease Name: Patterson Well #: 2-13
 Sec. 13 Twp. 34 S. R. 9 East West County: Harper

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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input checked="" 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 checked="" type="checkbox"/> Sample <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:60%;">Name</td> <td style="width:20%;">Top</td> <td style="width:20%;">Datum</td> </tr> <tr> <td>Heebner</td> <td>3422'</td> <td>-2117</td> </tr> <tr> <td>Douglas Shale</td> <td>3480'</td> <td>-2175</td> </tr> <tr> <td>Stalnaker</td> <td>3745'</td> <td>-2440</td> </tr> <tr> <td>Kansas City</td> <td>4046'</td> <td>-2740</td> </tr> <tr> <td>Stark</td> <td>4197'</td> <td>-2792</td> </tr> <tr> <td>Cherokee Shale</td> <td>4461'</td> <td>-3156</td> </tr> <tr> <td>Mississippi</td> <td>4574'</td> <td>-3269</td> </tr> </table>	Name	Top	Datum	Heebner	3422'	-2117	Douglas Shale	3480'	-2175	Stalnaker	3745'	-2440	Kansas City	4046'	-2740	Stark	4197'	-2792	Cherokee Shale	4461'	-3156	Mississippi	4574'	-3269
Name	Top	Datum																							
Heebner	3422'	-2117																							
Douglas Shale	3480'	-2175																							
Stalnaker	3745'	-2440																							
Kansas City	4046'	-2740																							
Stark	4197'	-2792																							
Cherokee Shale	4461'	-3156																							
Mississippi	4574'	-3269																							

CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Surface	12-1/4"	8-5/8"	24#	354'	60/40	275	3%cc 2% gel

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> 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
		<div style="border: 1px solid black; padding: 5px; width: fit-content; margin: 0 auto;"> RECEIVED NOV 15 2010 KCC WICHITA </div>	

TUBING RECORD:	Size:	Set At:	Packer At:	Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumed Production, SWD or ENHR.		Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> 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) (Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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ALLIED CEMENTING CO. LLC. 040525

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

SERVICE POINT:
Medicine Lodge, KS

DATE <u>102610</u>	SEC <u>13</u>	TWP <u>34s</u>	RANGE <u>09w</u>	CALLED OUT	ON LOCATION	JOB START	JOB FINISH
LEASE <u>Patterson</u>	WELL # <u>2</u>	LOCATION			COUNTY <u>HARPER</u>	STATE <u>KS</u>	
OLD OR <u>NEW</u> (Circle one)							

CONTRACTOR Ud #5
 TYPE OF JOB Surface
 HOLE SIZE 12 1/4 TD. 336
 CASING SIZE 8 3/8 DEPTH 354
 TUBING SIZE DEPTH
 DRILL PIPE DEPTH
 TOOL DEPTH
 PRES. MAX 250 MINIMUM
 MEAS. LINE SHOE JOINT N/A
 CEMENT LEFT IN CSG. 20'
 PERFS. 2 1/4
 DISPLACEMENT 2 Bbls Fresh H₂O

EQUIPMENT

PUMP TRUCK CEMENTER D. Felia
 #360-265 HELPER M. Thimesch
 BULK TRUCK
 #381-290 DRIVER J. Thimesch
 BULK TRUCK
 # DRIVER

OWNER American Warriors 101 6.3
 CEMENT AMOUNT ORDERED 275sx 60:40:3% cet
2% gel

COMMON <u>Class A</u>	165 @	15.45	2549.25
POZMIX	110 @	8.20	890.00
GEL	55 @	20.00	1090.00
CHLORIDE	9 @	58.20	523.80
ASC	@		
	@		
	@		
	@		
	@		
	@		
	@		
	@		
	@		
	@		
	@		
	@		
HANDLING	289 @	2.40	693.60
MILBAGE	289 @	2.50	722.50
TOTAL			5473.15

REMARKS:
 Pipe on Bttm, Break Cas., Pump Fresh H₂O
 Spore Mix 275 sx 60:40 cement Blast Stop
 Pump, Release Plug, Start Disp. w/ Fresh H₂O
~~Some~~ Wash up on top of Plug. See incurs
 in PTF, Show Rate. Stop Pump at 2 1/4 Bbls
 total Disp., Shut in, Cement Did Cure!!

SERVICE

DEPTH OF JOB	1018 @		
PUMP TRUCK CHARGE	354		
EXTRA FOOTAGE	54 @	2.85	153.90
MILBAGE	25 @	7.00	175.00
MANIFOLD <u>Lead Rental</u>	@	<u>N/C</u>	
	@		
	@		
TOTAL			1238.90

CHARGE TO: American Warriors
 STREET _____
 CITY _____ STATE _____ ZIP _____

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.

PRINTED NAME _____
 SIGNATURE Randy Smith

PLUG & FLOAT EQUIPMENT

1 - Wooden Plug	@	68.00	68.00 ✓
	@		
	@		
	@		
	@		
TOTAL			68.00

SALES TAX (If Any) _____
 TOTAL CHARGES 6780.05 ✓
 DISCOUNT _____ IF PAID IN 30 DAYS

4125.05

681

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 KCC WICHITA

ALLIED CEMENTING CO.. LLC. 042251

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

SERVICE POINT:
Medicine Lodge, KS

DATE <i>11-2-2010</i>	SEC <i>13</i>	TWP. <i>34S</i>	RANGE <i>9W</i>	CALLED OUT <i>9:00AM</i>	ON LOCATION <i>11:00AM</i>	JOB START <i>11:30pm</i>	JOB FINISH <i>2:30pm</i>
LEASE <i>Patterson</i>	WELLS <i>2</i>	LOCATION <i>H9201ton, KS Ess on Hwy 2</i>			COUNTY <i>H9100r</i>	STATE <i>KS</i>	
OLD OR (NEW) (Circle one)		<i>to R₂ 120th, S₃, Y₄E, Y₄N, F₄W R15</i>					

CONTRACTOR *V91 #5* OWNER *American Wacker*

TYPE OF JOB *Rotary Plus*

HOLE SIZE *7 7/8" T.D.*

CASING SIZE DEPTH

TUBING SIZE DEPTH

DRILL PIPE *4 1/2" DEPTH 1350'*

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG.

PERFS.

DISPLACEMENT *3 bbls water, 10 bbls mud*

EQUIPMENT

CEMENT AMOUNT ORDERED *155x 60:40:44x 60r*

PUMP TRUCK CEMENTER *Dena S*

414-302 HELPER *Ron G*

BULK TRUCK

364 DRIVER *Carl B*

BULK TRUCK

DRIVER

COMMON <i>A 93 SK @ 15.45</i>	<i>1436.85</i>
POZMIX <i>62 SK @ 8.00</i>	<i>496.00</i>
GEL <i>6 SK @ 20.80</i>	<i>124.80</i>
CHLORIDE @	
ASC @	
HANDLING <i>161 @ 2.40</i>	<i>386.40</i>
MILEAGE <i>161/10/25</i>	<i>402.50</i>
TOTAL <i>2846.55</i>	

REMARKS:

*1st plus - 1350' 8 bbls shot, mix 35%
Displace 3 bbls water, 10 bbls
2nd plus - 900' - 20 bbls shot, mix 35%, Displace
2 bbls water
3rd plus - 400' - 10 bbls water cement, mix 35%
cement, Displace 2 bbls water
4th plus - 60' - mix 35% cement
Rathole - mix 15% water, make hole - mix 15%*

SERVICE

DEPTH OF JOB <i>1350'</i>	
PUMP TRUCK CHARGE <i>1017.00</i>	
EXTRA FOOTAGE @	
MILEAGE <i>25 @ 7.00</i>	<i>175.00</i>
MANIFOLD @	
TOTAL <i>1192.00</i>	

CHARGE TO: *American Wacker*

STREET

CITY STATE ZIP

PLUG & FLOAT EQUIPMENT

<i>Done</i>	@	
	@	
	@	
	@	
	@	
TOTAL		

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.

PRINTED NAME *x Randy Smith*

SIGNATURE *x Randy Smith*

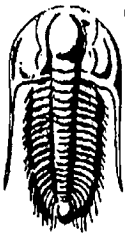
SALES TAX (if Any)

TOTAL CHARGES *4038.55*

DISCOUNT *NET 3028.91* IF PAID IN 30 DAYS

Thank You!!!

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**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

American Warrior, Inc.
P.O. Box 399
Garden City, Kansas 67846
ATTN: Roger Fisher

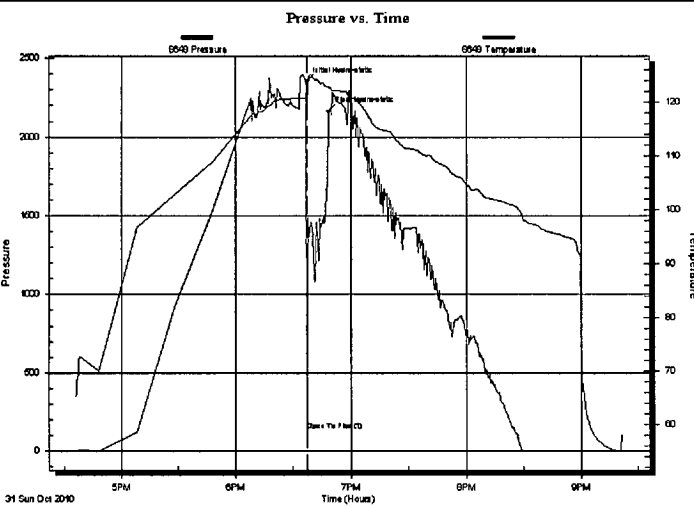
PATTERSON #2-13
13-34s-9w-HARPER-KS
Job Ticket: 39467 DST#: 1
Test Start: 2010.10.31 @ 16:36:00

GENERAL INFORMATION:

Formation: **MISSISSIPPIAN**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 18:37:20
Time Test Ended: 21:21:20
Test Type: Conventional Bottom Hole
Tester: Jake Fahrenbruch
Unit No: 43
Interval: **4554.00 ft (KB) To 4608.00 ft (KB) (TVD)**
Reference Elevations: 1305.00 ft (KB)
Total Depth: 4608.00 ft (KB) (TVD) 1295.00 ft (CF)
Hole Diameter: 7.88 inches Hole Condition: Good KB to GR/CF: 10.00 ft

Serial #: 8648 **Inside**
Press@RunDepth: psig @ 4555.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2010.10.31 End Date: 2010.10.31 Last Calib.: 2010.10.31
Start Time: 16:36:05 End Time: 21:21:20 Time On Btm: 2010.10.31 @ 18:37:00
Time Off Btm: 2010.10.31 @ 18:48:20

TEST COMMENT: PACKER FAILURE ___ MIS-RUN ___



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2350.96	120.72	Initial Hydro-static
1	131.80	119.80	Open To Flow (1)
12	2165.35	122.93	Final Hydro-static

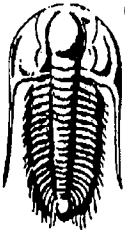
Recovery

Length (ft)	Description	Volume (bbl)
1890.00	MUD (DROPPED BAR)	26.51

Gas Rates

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

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**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior, Inc.
P.O. Box 399
Garden City, Kansas 67846
ATTN: Roger Fisher

PATTERSON #2-13
13-34s-9w-HARPER-KS
Job Ticket: 39467 DST#: 1
Test Start: 2010.10.31 @ 16:36:00

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 48.00 sec/qt	Cushion Volume: bbl		
Water Loss: 8.99 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 6500.00 ppm			
Filter Cake: inches			

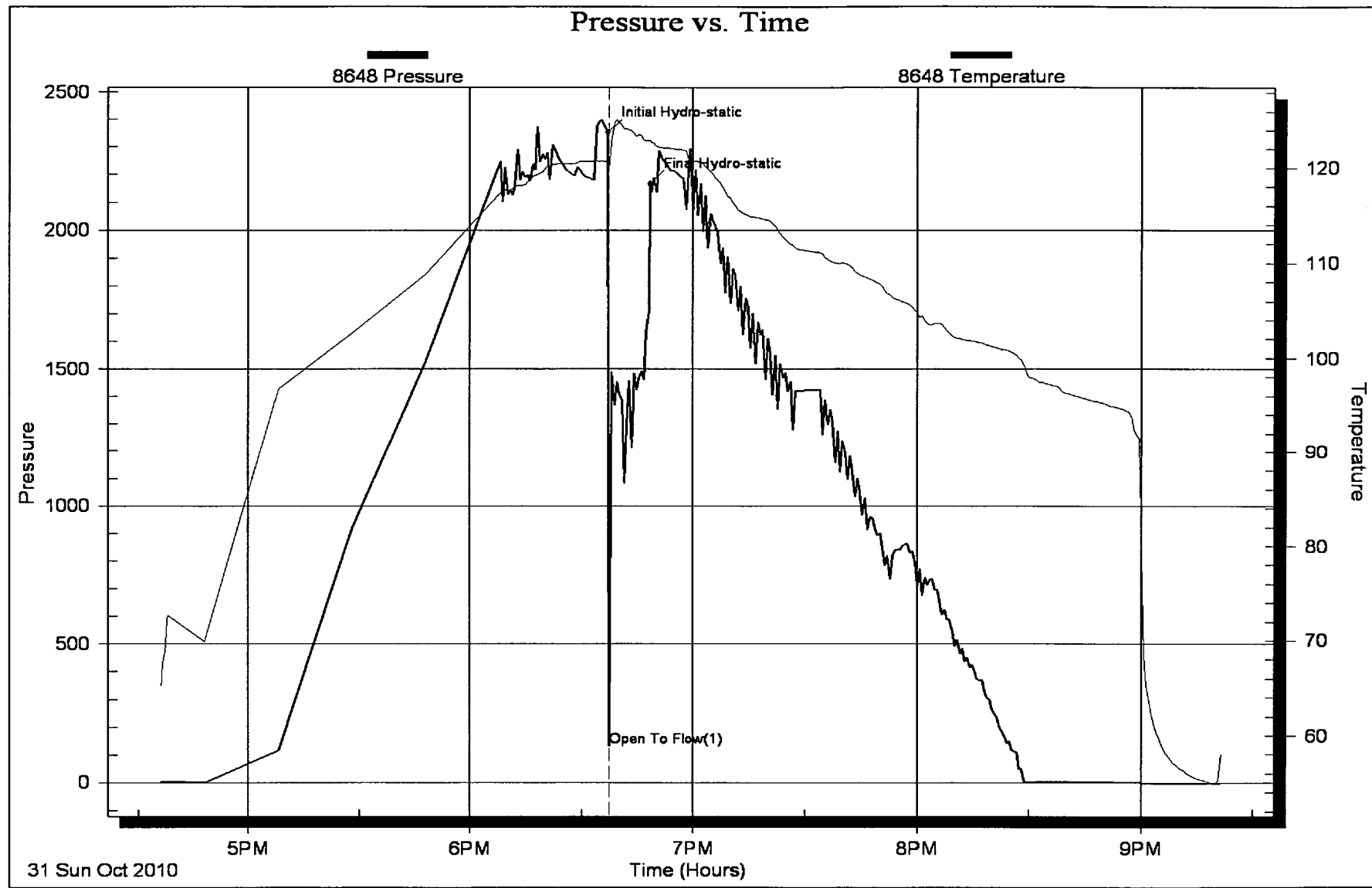
Recovery Information

Recovery Table

Length ft	Description	Volume bbl
1890.00	MUD (DROPPED BAR)	26.512

Total Length: 1890.00 ft Total Volume: 26.512 bbl
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:

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DRILL STEM TEST REPORT

American Warrior, Inc.
 P.O. Box 399
 Garden City, Kansas 67846
 ATTN: Roger Fisher

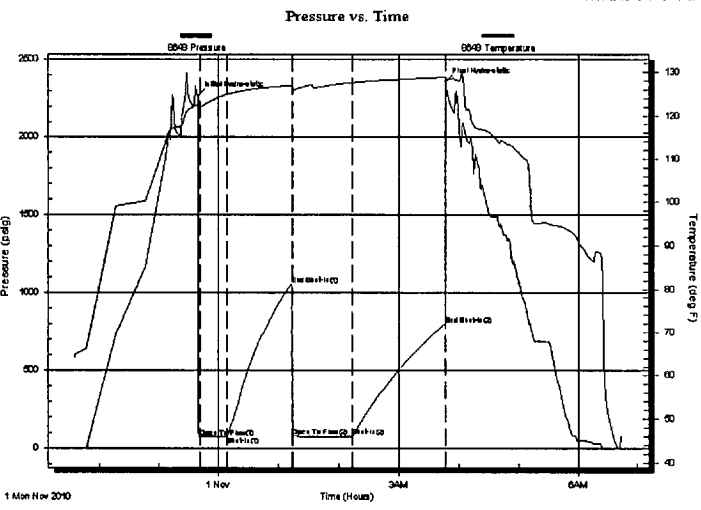
PATTERSON #2-13
13-34s-9w-HARPER-KS
 Job Ticket: 39468 **DST#: 2**
 Test Start: 2010.10.31 @ 21:35:00

GENERAL INFORMATION:

Formation: **MISSISSIPPIAN**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole
 Time Tool Opened: 23:41:40 Tester: Jake Fahrenbruch
 Time Test Ended: 06:43:19 Unit No: 43
 Interval: **4480.00 ft (KB) To 4608.00 ft (KB) (TVD)** Reference Elevations: 1305.00 ft (KB)
 Total Depth: 4608.00 ft (KB) (TVD) 1295.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Good KB to GR/CF: 10.00 ft

Serial #: 8648 Inside
 Press@RunDepth: 73.55 psig @ 4481.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2010.10.31 End Date: 2010.11.01 Last Calib.: 2010.11.01
 Start Time: 21:35:05 End Time: 06:43:20 Time On Btm: 2010.10.31 @ 23:40:00
 Time Off Btm: 2010.11.01 @ 03:47:00

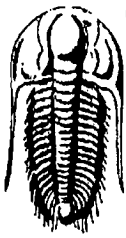
TEST COMMENT: IF: Strong blow, BOB 2 minutes.
 IS: Bled off, no blow back.
 FF: Strong blow, BOB immediately. GTS 20 minutes, TSTM.
 FS: Bled off, no blow back.



PRESSURE SUMMARY			
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2263.40	122.51	Initial Hydro-static
2	66.17	122.05	Open To Flow (1)
30	75.86	124.87	Shut-In(1)
94	1052.37	126.91	End Shut-In(1)
95	76.11	125.76	Open To Flow (2)
154	73.55	127.59	Shut-In(2)
247	798.04	128.85	End Shut-In(2)
247	2355.38	128.81	Final Hydro-static

Recovery		
Length (ft)	Description	Volume (bbl)
35.00	Drilling Mud 100%m	0.49
0.00	GTS (TSTM)	0.00

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior, Inc.

PATTERSON #2-13

P.O. Box 399
Garden City, Kansas 67846

13-34s-9w-HARPER-KS

Job Ticket: 39468

DST#: 2

ATTN: Roger Fisher

Test Start: 2010.10.31 @ 21:35:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 48.00 sec/qt

Cushion Volume:

bbf

Water Loss: 8.98 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 6500.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbf
35.00	Drilling Mud 100%m	0.491
0.00	GTS (TSTM)	0.000

Total Length: 35.00 ft Total Volume: 0.491 bbf

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

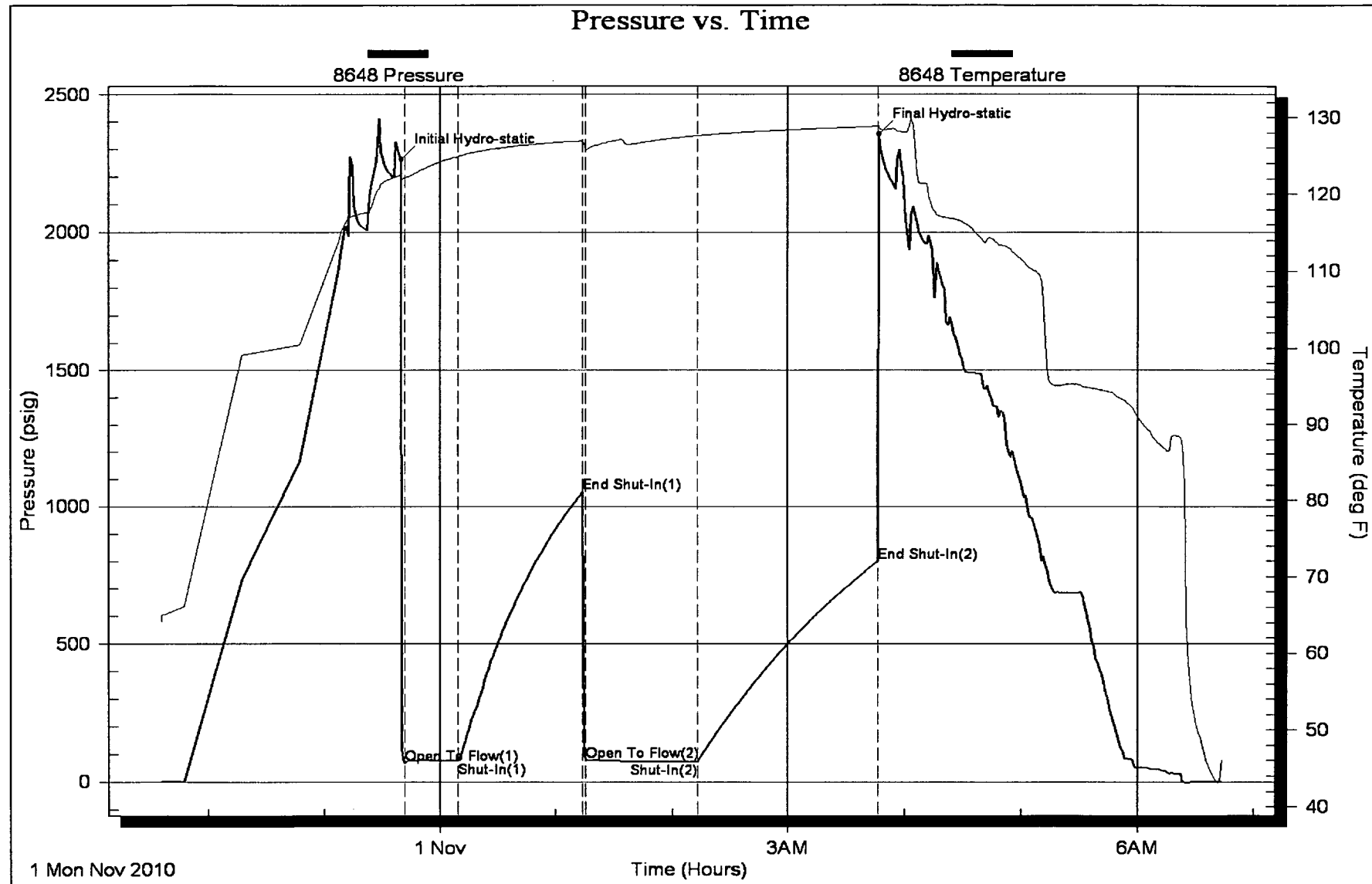
Laboratory Location:

Recovery Comments:

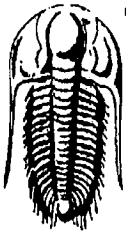
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TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

American Warrior, Inc.
 P.O. Box 399
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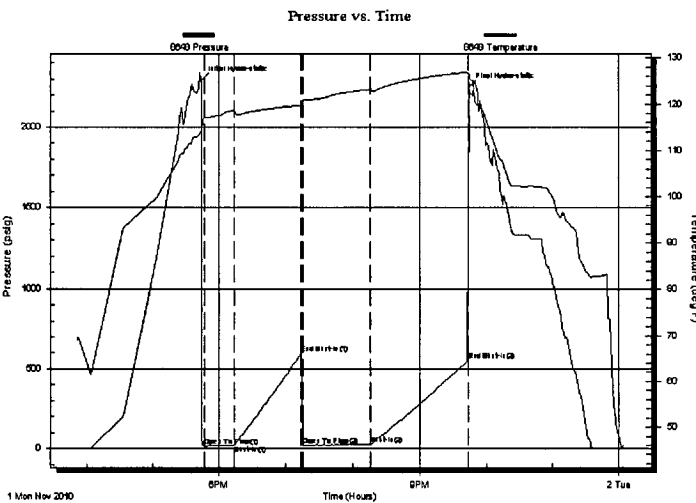
PATTERSON #2-13
13-34s-9w-HARPER-KS
 Job Ticket: 39469 DST#: 3
 Test Start: 2010.11.01 @ 15:51:00

GENERAL INFORMATION:

Formation: **MISSISSIPPIAN**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 17:47:00
 Time Test Ended: 00:04:20
 Interval: **4610.00 ft (KB) To 4641.00 ft (KB) (TVD)**
 Total Depth: **4641.00 ft (KB) (TVD)**
 Hole Diameter: **7.88 inches** Hole Condition: Good
 Test Type: Conventional Bottom Hole
 Tester: Jake Fahrenbruch
 Unit No: 43
 Reference Elevations: 1305.00 ft (KB)
 1295.00 ft (CF)
 KB to GR/CF: 10.00 ft

Serial #: 8648 Inside
 Press@RunDepth: 24.03 psig @ 4611.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2010.11.01 End Date: 2010.11.02 Last Calib.: 2010.11.02
 Start Time: 15:51:05 End Time: 00:04:20 Time On Btm: 2010.11.01 @ 17:44:00
 Time Off Btm: 2010.11.01 @ 21:44:39

TEST COMMENT: IF: Strong blow, BOB 50 seconds.
 IS: Bled off, no blow back.
 FF: Strong blow, BOB immediately, no GTS.
 FSI: Bledoff, no blow back.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2289.19	113.91	Initial Hydro-static
3	16.49	117.05	Open To Flow (1)
30	20.27	118.64	Shut-In(1)
91	596.75	119.81	End Shut-In(1)
92	19.24	120.95	Open To Flow (2)
152	24.03	123.22	Shut-In(2)
240	551.91	126.93	End Shut-In(2)
241	2248.55	125.87	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
30.00	Drilling Mud 100% <i>m</i>	0.42
0.00	3600' GIP	0.00

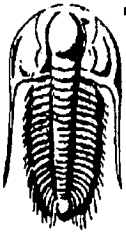
Gas Rates

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

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**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior, Inc.

PATTERSON #2-13

P.O. Box 399
Garden City, Kansas 67846

13-34s-9w-HARPER-KS

Job Ticket: 39469

DST#: 3

ATTN: Roger Fisher

Test Start: 2010.11.01 @ 15:51:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 58.00 sec/qt

Cushion Volume:

bbf

Water Loss: 9.39 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 7000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbf
30.00	Drilling Mud 100%m	0.421
0.00	3600' GIP	0.000

Total Length: 30.00 ft Total Volume: 0.421 bbf

Num Fluid Samples: 0

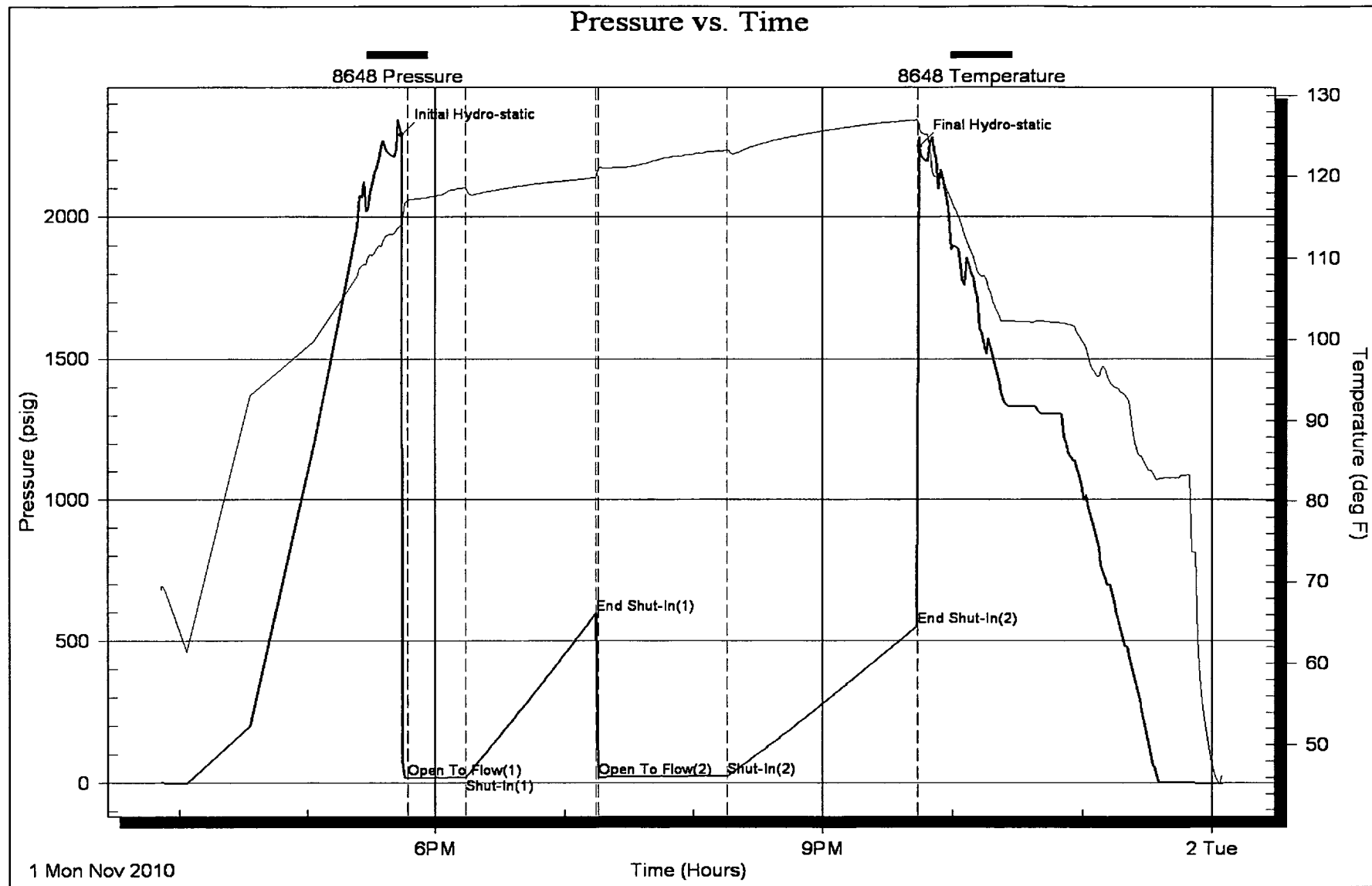
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



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