

Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

1271767



Form ACO-1
November 2016

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

Gas DH EOR

OG GSW

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 EOR Conv. to SWD

Plug Back Liner Conv. to GSW Conv. to Producer

Commingled Permit #: _____

Dual Completion Permit #: _____

SWD Permit #: _____

EOR Permit #: _____

GSW Permit #: _____

Spud Date or Date Reached TD Completion Date or Recompletion Date

API No.: _____

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

GPS Location: Lat: _____, Long: _____
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum: NAD27 NAD83 WGS84

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Vertical 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

Confidentiality Requested

Date: _____

Confidential Release Date: _____

Wireline Log Received Drill Stem Tests Received

Geologist Report / Mud Logs Received

UIC Distribution

ALT I II III Approved by: _____ Date: _____

1271767



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

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

INSTRUCTIONS: Show important tops 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.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken <i>(Attach Additional Sheets)</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input type="checkbox"/> No			
Electric Log Run	<input type="checkbox"/> Yes <input type="checkbox"/> No			
Geologist Report / Mud Logs	<input type="checkbox"/> Yes <input type="checkbox"/> No			
List All E. Logs Run:				

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
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone				

- Did you perform a hydraulic fracturing treatment on this well? Yes No *(If No, skip questions 2 and 3)*
- Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? Yes No *(If No, skip question 3)*
- Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? Yes No *(If No, fill out Page Three of the ACO-1)*

Date of first Production/Injection or Resumed Production/Injection:	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____				
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>			PRODUCTION INTERVAL: Top _____ Bottom _____	

Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At	Acid, Fracture, Shot, Cementing Squeeze Record <i>(Amount and Kind of Material Used)</i>

TUBING RECORD:	Size:	Set At:	Packer At:
----------------	-------	---------	------------



DRILL STEM TEST REPORT

Prepared For: **American Warrior Inc**

3118 Cummings Rd
Garden City KS, 67846

ATTN: Luke Thompson

Lillie #3-30

30-16s-10w Ellsworth,KS

Start Date: 2015.10.18 @ 11:20:01

End Date: 2015.10.18 @ 17:27:45

Job Ticket #: 62956 DST #: 1

Trilobite Testing, Inc
1515 Commerce Parkway Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2015.10.22 @ 13:24:07



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

American Warrior Inc
 3118 Cummings Rd
 Garden City KS, 67846
 ATTN: Luke Thompson

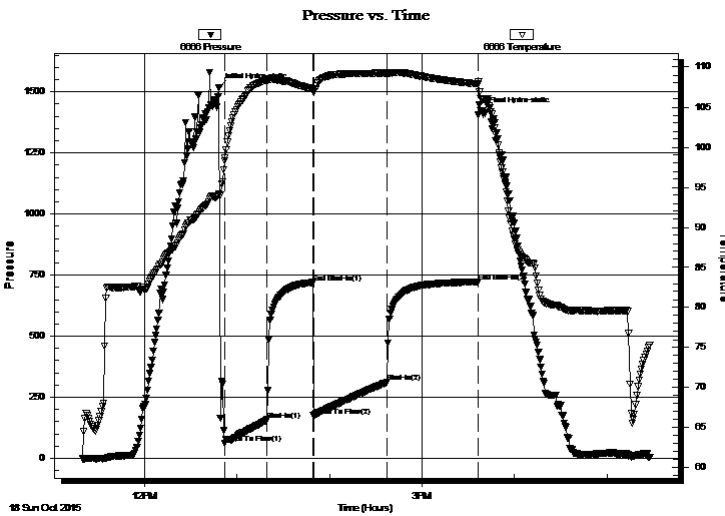
30-16s-10w Ellsworth, KS
Lillie #3-30
 Job Ticket: 62956 **DST#: 1**
 Test Start: 2015.10.18 @ 11:20:01

GENERAL INFORMATION:

Formation: **LKC A-B**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 12:52:07
 Time Test Ended: 17:27:45
 Interval: **3020.00 ft (KB) To 3061.00 ft (KB) (TVD)**
 Total Depth: 3061.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Jared Scheck
 Unit No: 55
 Reference Elevations: 1890.00 ft (KB)
 1882.00 ft (CF)
 KB to GR/CF: 8.00 ft

Serial #: 6666 Outside
 Press@RunDepth: 311.33 psig @ 3026.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2015.10.18 End Date: 2015.10.18 Last Calib.: 2015.10.18
 Start Time: 11:20:01 End Time: 17:27:45 Time On Btm: 2015.10.18 @ 12:48:21
 Time Off Btm: 2015.10.18 @ 15:38:52

TEST COMMENT: IFP-30 Minutes-Strong blow built bottom of bucket in 1 1/2 minutes
 ISIP-30 Minutes-1" blow back
 FFP-45 Minutes-Strong blow built bottom of bucket in 5 1/2 minutes gas to surface not enough to gauge
 FSIP-60 Minutes-



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1517.27	94.10	Initial Hydro-static
4	60.36	98.32	Open To Flow (1)
32	157.10	108.39	Shut-In(1)
61	719.55	107.24	End Shut-In(1)
62	173.38	106.92	Open To Flow (2)
110	311.33	109.25	Shut-In(2)
168	722.36	107.89	End Shut-In(2)
171	1420.55	105.97	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
600.00	MW 10% mud 90% water	5.68
0.00	2399' GIP	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

American Warrior Inc
3118 Cummings Rd
Garden City KS, 67846
ATTN: Luke Thompson

30-16s-10w Ellsworth,KS

Lillie #3-30

Job Ticket: 62956

DST#: 1

Test Start: 2015.10.18 @ 11:20:01

GENERAL INFORMATION:

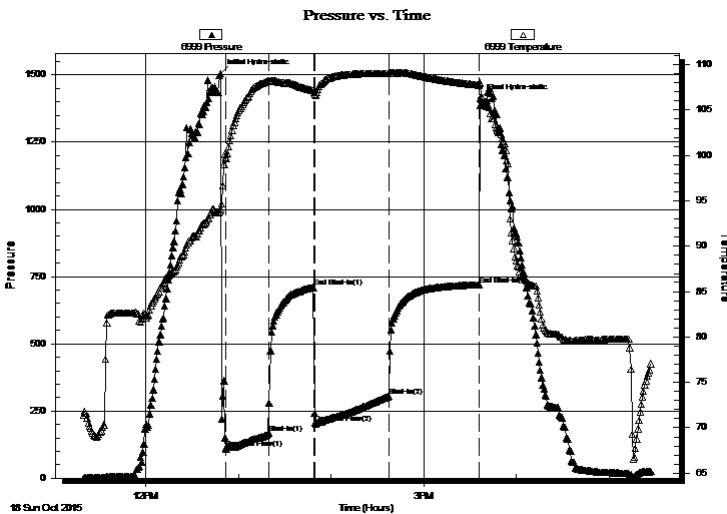
Formation: **LKC A-B**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 12:52:07
 Time Test Ended: 17:27:45
 Interval: **3020.00 ft (KB) To 3061.00 ft (KB) (TVD)**
 Total Depth: 3061.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Jared Scheck
 Unit No: 55
 Reference Elevations: 1890.00 ft (KB)
 1882.00 ft (CF)
 KB to GR/CF: 8.00 ft

Serial #: 6999

Inside

Press@RunDepth: 719.94 psig @ 3025.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2015.10.18 End Date: 2015.10.18 Last Calib.: 2015.10.18
 Start Time: 11:20:01 End Time: 17:27:23 Time On Btm: 2015.10.18 @ 12:48:45
 Time Off Btm: 2015.10.18 @ 15:36:16

TEST COMMENT: IFP-30 Minutes-Strong blow built bottom of bucket in 1 1/2 minutes
 ISIP-30 Minutes-1" blow back
 FFP-45 Minutes-Strong blow built bottom of bucket in 5 1/2 minutes gas to surface not enough to gauge
 FSIP-60 Minutes-



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1506.16	94.10	Initial Hydro-static
4	111.89	99.73	Open To Flow (1)
31	168.20	108.23	Shut-In(1)
60	709.94	107.11	End Shut-In(1)
61	203.83	106.68	Open To Flow (2)
109	305.46	109.05	Shut-In(2)
168	719.94	107.74	End Shut-In(2)
168	1412.28	108.05	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
600.00	MW 10%mud 90%w ater	5.68
0.00	2399' GIP	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

American Warrior Inc

30-16s-10w Ellsworth,KS

3118 Cummings Rd
Garden City KS, 67846

Lillie #3-30

Job Ticket: 62956

DST#: 1

ATTN: Luke Thompson

Test Start: 2015.10.18 @ 11:20:01

Tool Information

Drill Pipe:	Length: 2699.00 ft	Diameter: 3.80 inches	Volume: 37.86 bbl	Tool Weight:	1000.00 lb
Heavy Wt. Pipe:	Length: 300.00 ft	Diameter: 2.25 inches	Volume: 1.48 bbl	Weight set on Packer:	20000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose:	55000.00 lb
			<u>Total Volume: 39.34 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	7.00 ft			String Weight: Initial	45000.00 lb
Depth to Top Packer:	3020.00 ft			Final	48000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	41.00 ft				
Tool Length:	69.00 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			2997.00	
Hydraulic tool	5.00			3002.00	
Jars	6.00			3008.00	
Safety Joint	2.00			3010.00	
Packer	5.00			3015.00	28.00 Bottom Of Top Packer
Packer	5.00			3020.00	
Anchor	4.00			3024.00	
Recorder	1.00	6999	Inside	3025.00	
Recorder	1.00	6666	Outside	3026.00	
Anchor	31.00			3057.00	
Bullnose	4.00			3061.00	41.00 Bottom Packers & Anchor

Total Tool Length: 69.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior Inc

30-16s-10w Ellsworth,KS

3118 Cummings Rd
Garden City KS, 67846

Lillie #3-30

Job Ticket: 62956

DST#: 1

ATTN: Luke Thompson

Test Start: 2015.10.18 @ 11:20:01

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:

60000 ppm

Viscosity: 56.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.77 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 6000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
600.00	MW 10% mud 90% water	5.684
0.00	2399' GIP	0.000

Total Length: 600.00 ft Total Volume: 5.684 bbl

Num Fluid Samples: 0

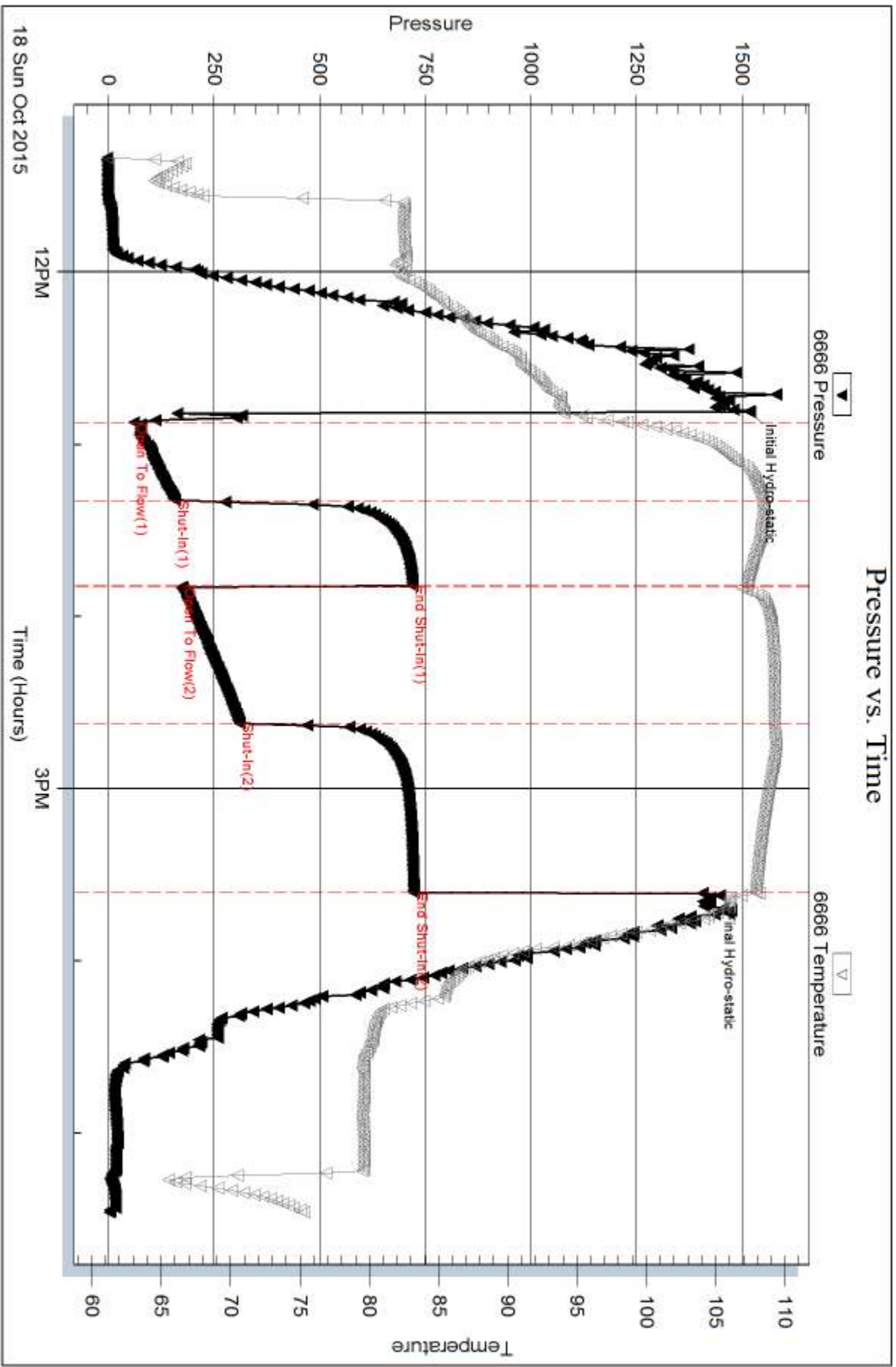
Num Gas Bombs: 0

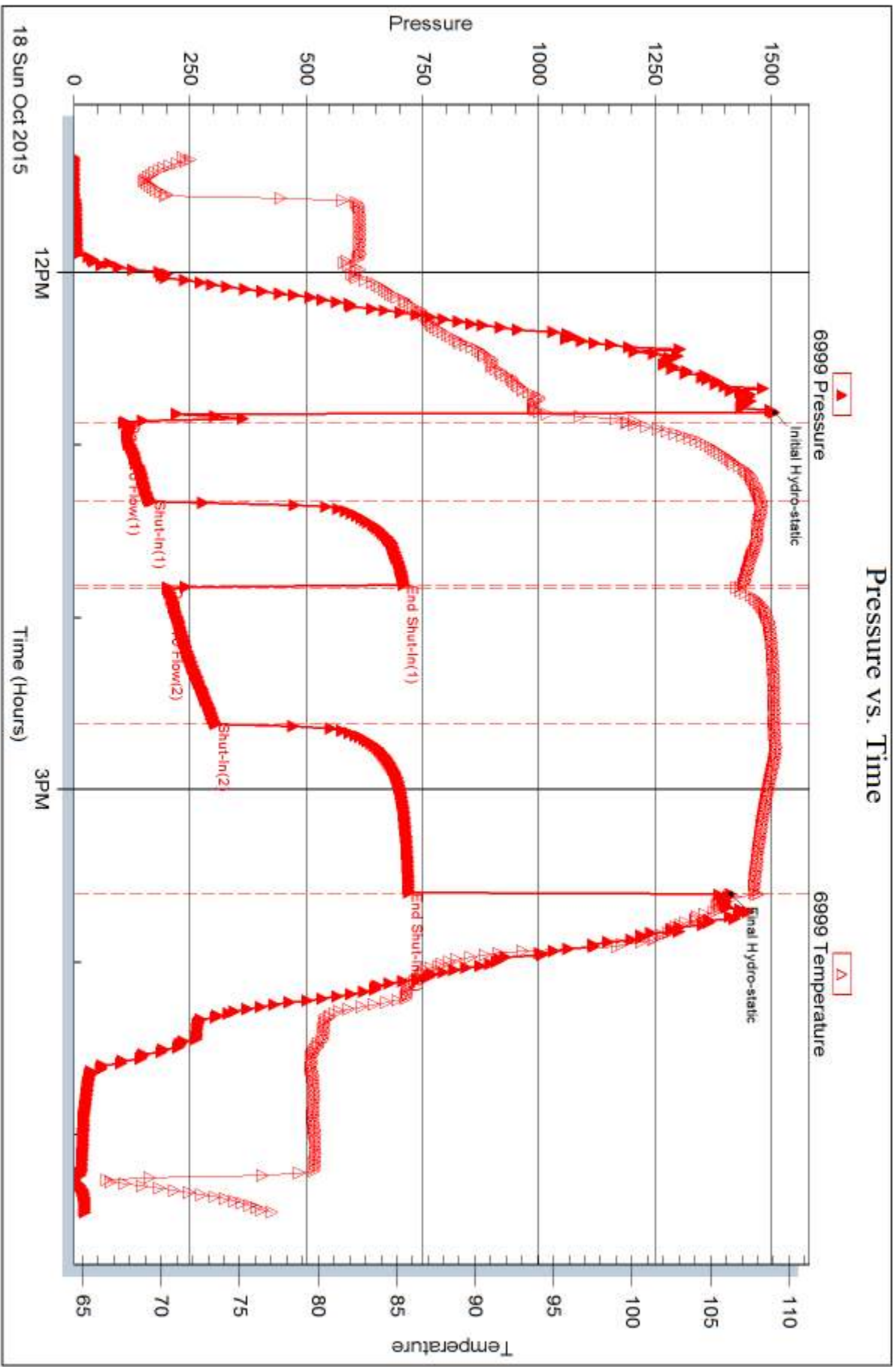
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: chlorides 60,000 resistivity .1@60 degrees







DRILL STEM TEST REPORT

Prepared For: **American Warrior Inc**

3118 Cummings Rd
Garden City KS, 67846

ATTN: Luke Thompson

Lillie #3-30

30-16s-10w Ellsworth,KS

Start Date: 2015.10.19 @ 04:10:00

End Date: 2015.10.19 @ 09:02:12

Job Ticket #: 62957 DST #: 2

Trilobite Testing, Inc
1515 Commerce Parkway Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2015.10.22 @ 13:17:47



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

American Warrior Inc
3118 Cummings Rd
Garden City KS, 67846
ATTN: Luke Thompson

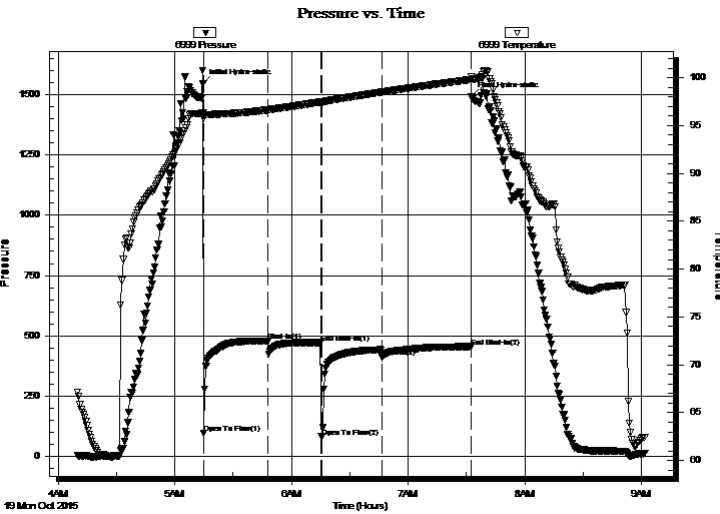
30-16s-10w Ellsworth,KS
Lillie #3-30
Job Ticket: 62957 **DST#: 2**
Test Start: 2015.10.19 @ 04:10:00

GENERAL INFORMATION:

Formation: **LKC G**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 05:14:49
Time Test Ended: 09:02:12
Interval: **3125.00 ft (KB) To 3160.00 ft (KB) (TVD)**
Total Depth: 3160.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair
Test Type: Conventional Bottom Hole (Initial)
Tester: Jared Scheck
Unit No: 55
Reference Elevations: 1890.00 ft (KB)
1882.00 ft (CF)
KB to GR/CF: 8.00 ft

Serial #: 6999 Inside
Press@RunDepth: 410.31 psig @ 3130.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2015.10.19 End Date: 2015.10.19 Last Calib.: 2015.10.19
Start Time: 04:10:01 End Time: 09:02:11 Time On Btm: 2015.10.19 @ 05:14:29
Time Off Btm: 2015.10.19 @ 07:32:33

TEST COMMENT: IFP-30 Minutes-Very weak surface blow built 1/8" stayed steady throughout open
ISIP-30 Minutes-No blow back
FFP-30 Minutes-Very weak surface blow died off 10 minutes into open
FSIP-45 Minutes-No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1544.93	96.32	Initial Hydro-static
1	97.71	95.72	Open To Flow (1)
34	477.77	96.64	Shut-In(1)
61	472.17	97.46	End Shut-In(1)
61	81.78	97.32	Open To Flow (2)
93	410.31	98.49	Shut-In(2)
138	455.50	99.79	End Shut-In(2)
139	1491.87	100.07	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
1.00	mud	0.00

Gas Rates

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



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

American Warrior Inc
 3118 Cummings Rd
 Garden City KS, 67846
 ATTN: Luke Thompson

30-16s-10w Ellsworth,KS
Lillie #3-30
 Job Ticket: 62957 **DST#: 2**
 Test Start: 2015.10.19 @ 04:10:00

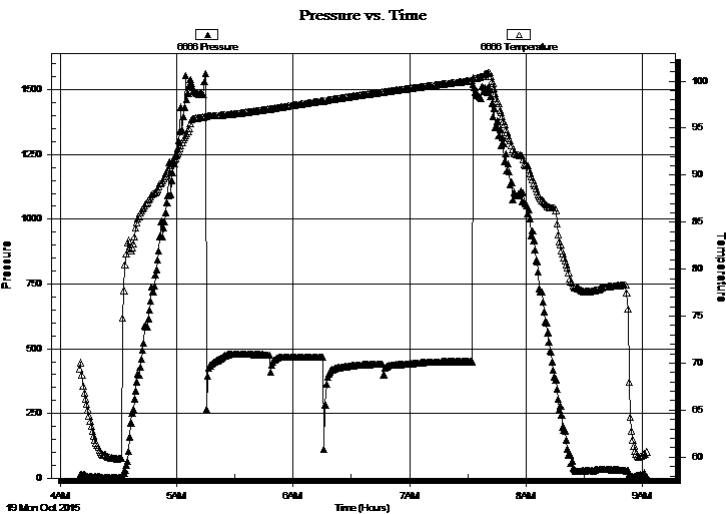
GENERAL INFORMATION:

Formation: **LKC G**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 05:14:49
 Time Test Ended: 09:02:12
 Interval: **3125.00 ft (KB) To 3160.00 ft (KB) (TVD)**
 Total Depth: 3160.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Jared Scheck
 Unit No: 55
 Reference Elevations: 1890.00 ft (KB)
 1882.00 ft (CF)
 KB to GR/CF: 8.00 ft

Serial #: 6666 Outside

Press@RunDepth: psig @ 3131.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2015.10.19 End Date: 2015.10.19 Last Calib.: 2015.10.19
 Start Time: 04:10:01 End Time: 09:02:33 Time On Btm:
 Time Off Btm:

TEST COMMENT: IFP-30 Minutes-Very weak surface blow built 1/8" stayed steady throughout open
 ISIP-30 Minutes-No blow back
 FFP-30 Minutes-Very weak surface blow died off 10 minutes into open
 FSIP-45 Minutes-No blow back



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
1.00	mud	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

American Warrior Inc

30-16s-10w Ellsworth,KS

3118 Cummings Rd
Garden City KS, 67846

Lillie #3-30

Job Ticket: 62957

DST#: 2

ATTN: Luke Thompson

Test Start: 2015.10.19 @ 04:10:00

Tool Information

Drill Pipe:	Length: 2824.00 ft	Diameter: 3.80 inches	Volume: 39.61 bbl	Tool Weight:	1000.00 lb
Heavy Wt. Pipe:	Length: 300.00 ft	Diameter: 2.25 inches	Volume: 1.48 bbl	Weight set on Packer:	20000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose:	55000.00 lb
			<u>Total Volume:</u> 41.09 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	27.00 ft			String Weight: Initial	45000.00 lb
Depth to Top Packer:	3125.00 ft			Final	25000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	35.00 ft				
Tool Length:	63.00 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			3102.00	
Hydraulic tool	5.00			3107.00	
Jars	6.00			3113.00	
Safety Joint	2.00			3115.00	
Packer	5.00			3120.00	28.00 Bottom Of Top Packer
Packer	5.00			3125.00	
Anchor	4.00			3129.00	
Recorder	1.00	6999	Inside	3130.00	
Recorder	1.00	6666	Outside	3131.00	
Anchor	25.00			3156.00	
Bullnose	4.00			3160.00	35.00 Bottom Packers & Anchor

Total Tool Length: 63.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior Inc

30-16s-10w Ellsworth,KS

3118 Cummings Rd
Garden City KS, 67846

Lillie #3-30

Job Ticket: 62957

DST#: 2

ATTN: Luke Thompson

Test Start: 2015.10.19 @ 04:10:00

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: 56.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.78 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 6000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
1.00	mud	0.005

Total Length: 1.00 ft Total Volume: 0.005 bbl

Num Fluid Samples: 0

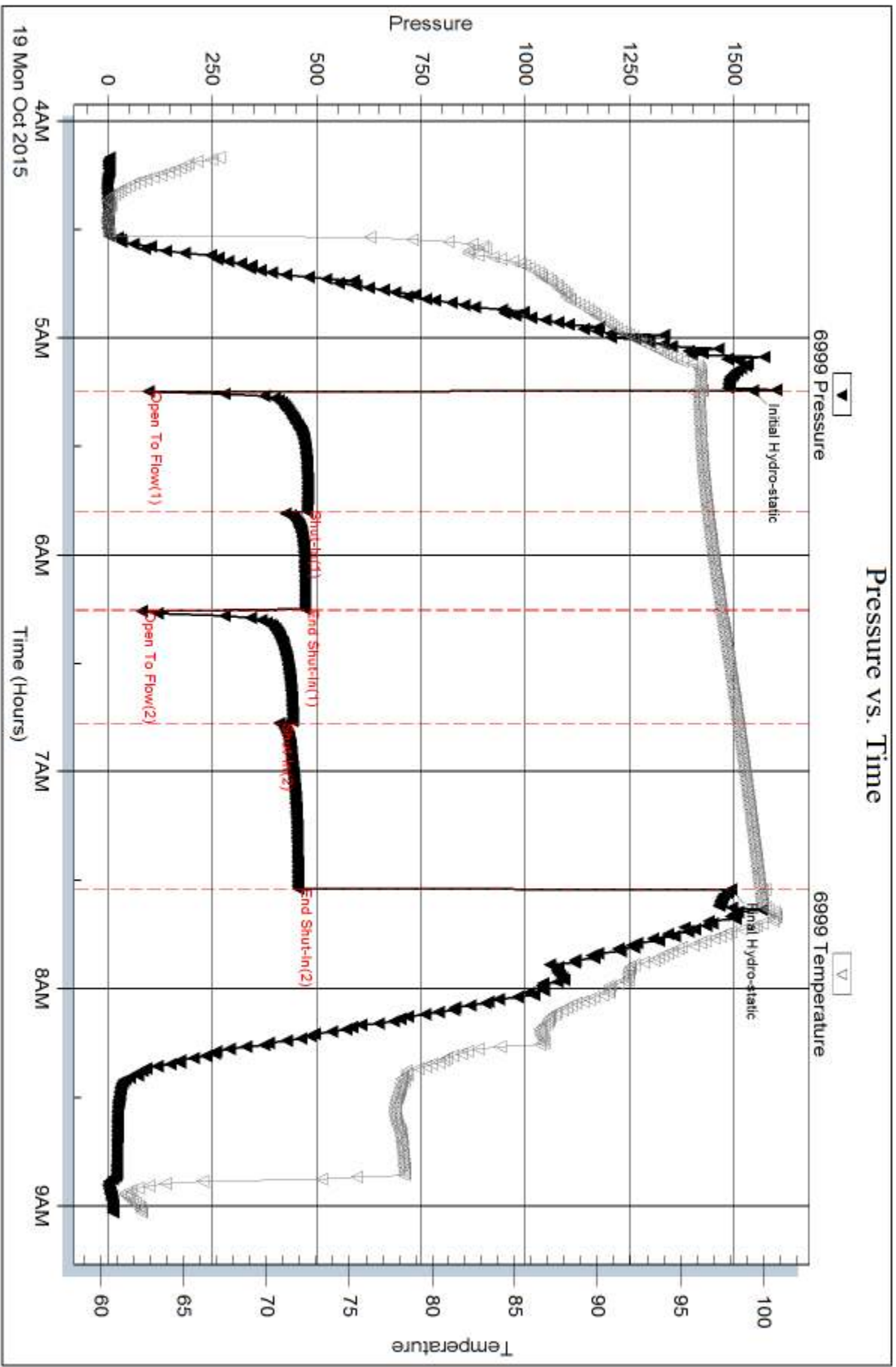
Num Gas Bombs: 0

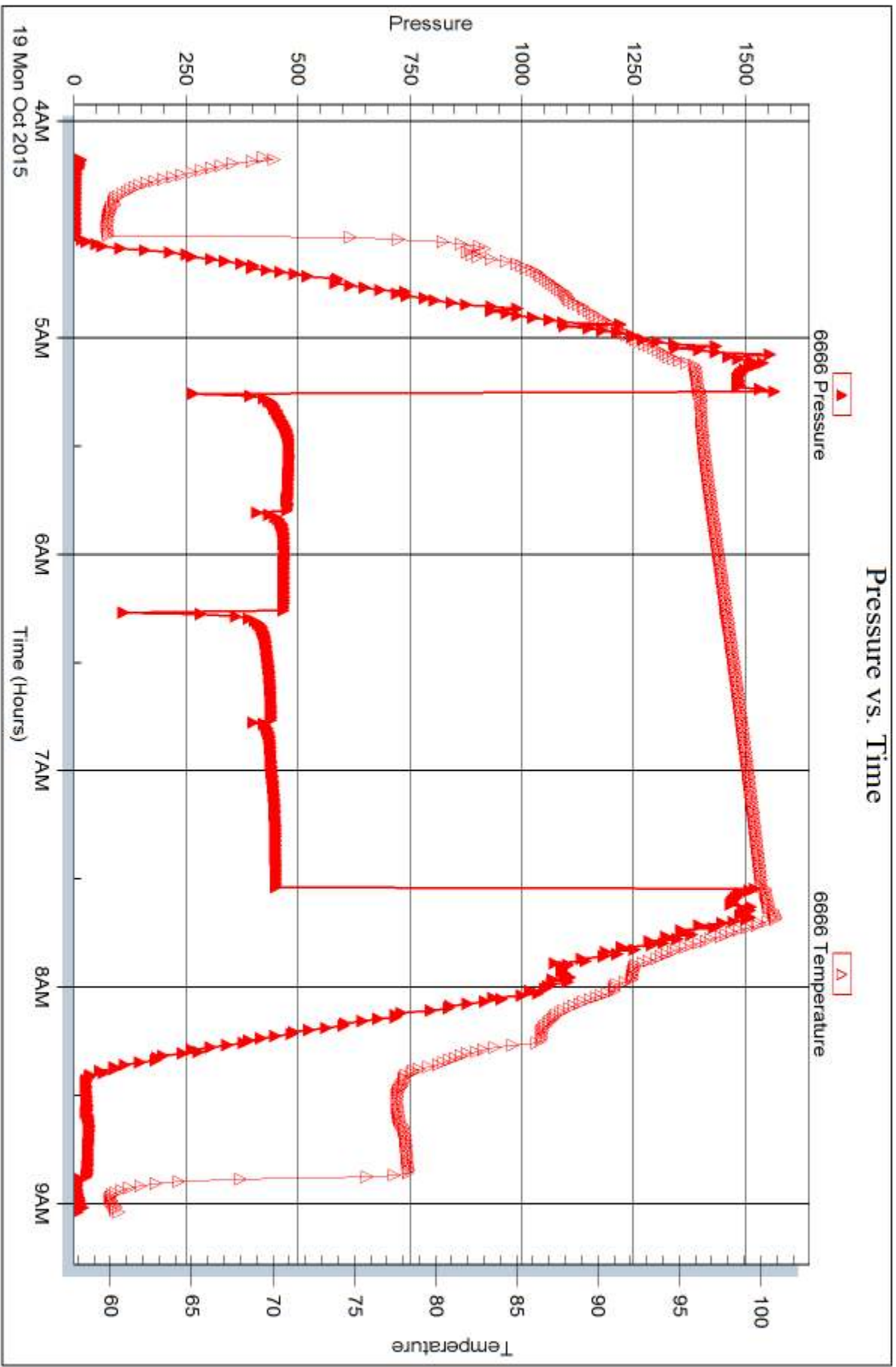
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:







DRILL STEM TEST REPORT

Prepared For: **American Warrior Inc**

3118 Cummings Rd
Garden City KS, 67846

ATTN: Luke Thompson

Lillie #3-30

30-16s-10w Ellsworth,KS

Start Date: 2015.10.19 @ 11:50:00

End Date: 2015.10.19 @ 17:31:47

Job Ticket #: 62958 DST #: 3

Trilobite Testing, Inc
1515 Commerce Parkway Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2015.10.22 @ 13:17:22



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

American Warrior Inc
 3118 Cummings Rd
 Garden City KS, 67846
 ATTN: Luke Thompson

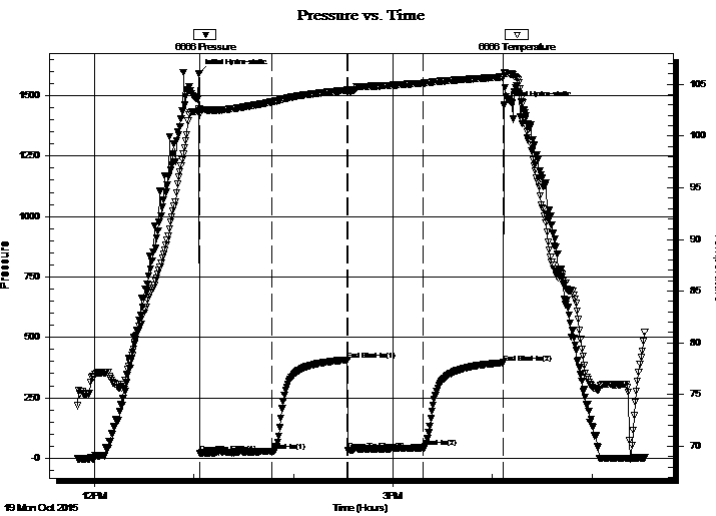
30-16s-10w Ellsworth,KS
Lillie #3-30
 Job Ticket: 62958 **DST#: 3**
 Test Start: 2015.10.19 @ 11:50:00

GENERAL INFORMATION:

Formation: **LKC G**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 13:03:31
 Time Test Ended: 17:31:47
 Interval: **3126.00 ft (KB) To 3160.00 ft (KB) (TVD)**
 Total Depth: 3160.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Jared Scheck
 Unit No: 55-Great Bend-48 rt
 Reference Elevations: 1890.00 ft (KB)
 1882.00 ft (CF)
 KB to GR/CF: 8.00 ft

Serial #: 6666 Inside
 Press@RunDepth: 43.51 psig @ 3130.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2015.10.19 End Date: 2015.10.19 Last Calib.: 2015.10.19
 Start Time: 11:50:01 End Time: 17:31:48 Time On Btm: 2015.10.19 @ 13:03:10
 Time Off Btm: 2015.10.19 @ 16:06:52

TEST COMMENT: IFP-45 Minutes-Very weak surface blow built 3/4"
 ISIP-45 Minutes-No blow back
 FFP-45 Minutes-
 FSIP-45 Minutes



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1590.27	102.68	Initial Hydro-static
1	19.69	102.07	Open To Flow (1)
45	28.32	103.29	Shut-In(1)
90	407.14	104.43	End Shut-In(1)
90	32.09	104.29	Open To Flow (2)
135	43.51	105.10	Shut-In(2)
184	395.28	105.71	End Shut-In(2)
184	1457.97	106.14	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	MW 60%w ater 40%mud	0.30

Gas Rates

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



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

American Warrior Inc
 3118 Cummings Rd
 Garden City KS, 67846
 ATTN: Luke Thompson

30-16s-10w Ellsworth,KS
Lillie #3-30
 Job Ticket: 62958 **DST#: 3**
 Test Start: 2015.10.19 @ 11:50:00

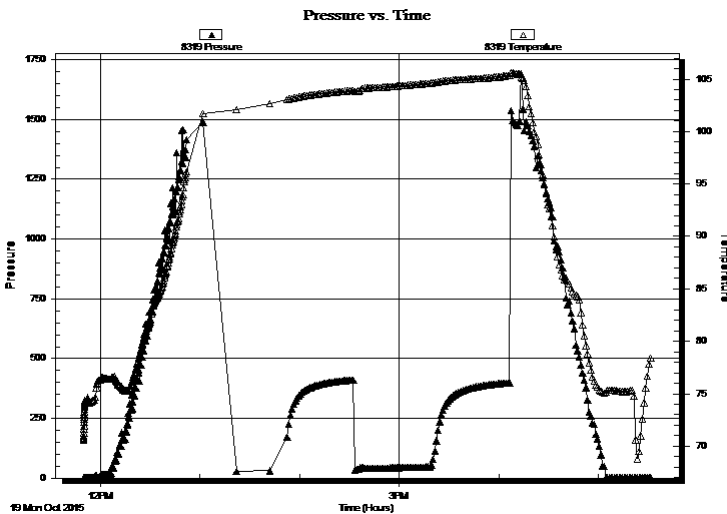
GENERAL INFORMATION:

Formation: **LKC G**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 13:03:31
 Time Test Ended: 17:31:47
Interval: 3126.00 ft (KB) To 3160.00 ft (KB) (TVD)
 Total Depth: 3160.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Jared Scheck
 Unit No: 55-Great Bend-48 rt
 Reference Elevations: 1890.00 ft (KB)
 1882.00 ft (CF)
 KB to GR/CF: 8.00 ft

Serial #: 8319 Outside

Press@RunDepth: psig @ 3131.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2015.10.19 End Date: 2015.10.19 Last Calib.: 2015.10.19
 Start Time: 11:50:01 End Time: 17:31:30 Time On Btm:
 Time Off Btm:

TEST COMMENT: IFP-45 Minutes-Very weak surface blow built 3/4"
 ISIP-45 Minutes-No blow back
 FFP-45 Minutes-
 FSIP-45 Minutes



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
60.00	MW 60% water 40% mud	0.30

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

American Warrior Inc

30-16s-10w Ellsworth,KS

3118 Cummings Rd
Garden City KS, 67846

Lillie #3-30

Job Ticket: 62958

DST#: 3

ATTN: Luke Thompson

Test Start: 2015.10.19 @ 11:50:00

Tool Information

Drill Pipe:	Length: 2824.00 ft	Diameter: 3.80 inches	Volume: 39.61 bbl	Tool Weight: 1000.00 lb
Heavy Wt. Pipe:	Length: 300.00 ft	Diameter: 2.25 inches	Volume: 1.48 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: lb
			<u>Total Volume: 41.09 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	26.00 ft			String Weight: Initial 45000.00 lb
Depth to Top Packer:	3126.00 ft			Final lb
Depth to Bottom Packer:	ft			
Interval between Packers:	34.00 ft			
Tool Length:	62.00 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			3103.00	
Hydraulic tool	5.00			3108.00	
Jars	6.00			3114.00	
Safety Joint	2.00			3116.00	
Packer	5.00			3121.00	28.00 Bottom Of Top Packer
Packer	5.00			3126.00	
Anchor	3.00			3129.00	
Recorder	1.00	6666	Inside	3130.00	
Recorder	1.00	8319	Outside	3131.00	
Anchor	25.00			3156.00	
Bullnose	4.00			3160.00	34.00 Bottom Packers & Anchor

Total Tool Length: 62.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior Inc

30-16s-10w Ellsworth,KS

3118 Cummings Rd
Garden City KS, 67846

Lillie #3-30

Job Ticket: 62958

DST#: 3

ATTN: Luke Thompson

Test Start: 2015.10.19 @ 11:50:00

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:

18000 ppm

Viscosity: 49.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 10.37 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 8000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	MW 60%water 40%mud	0.295

Total Length: 60.00 ft Total Volume: 0.295 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

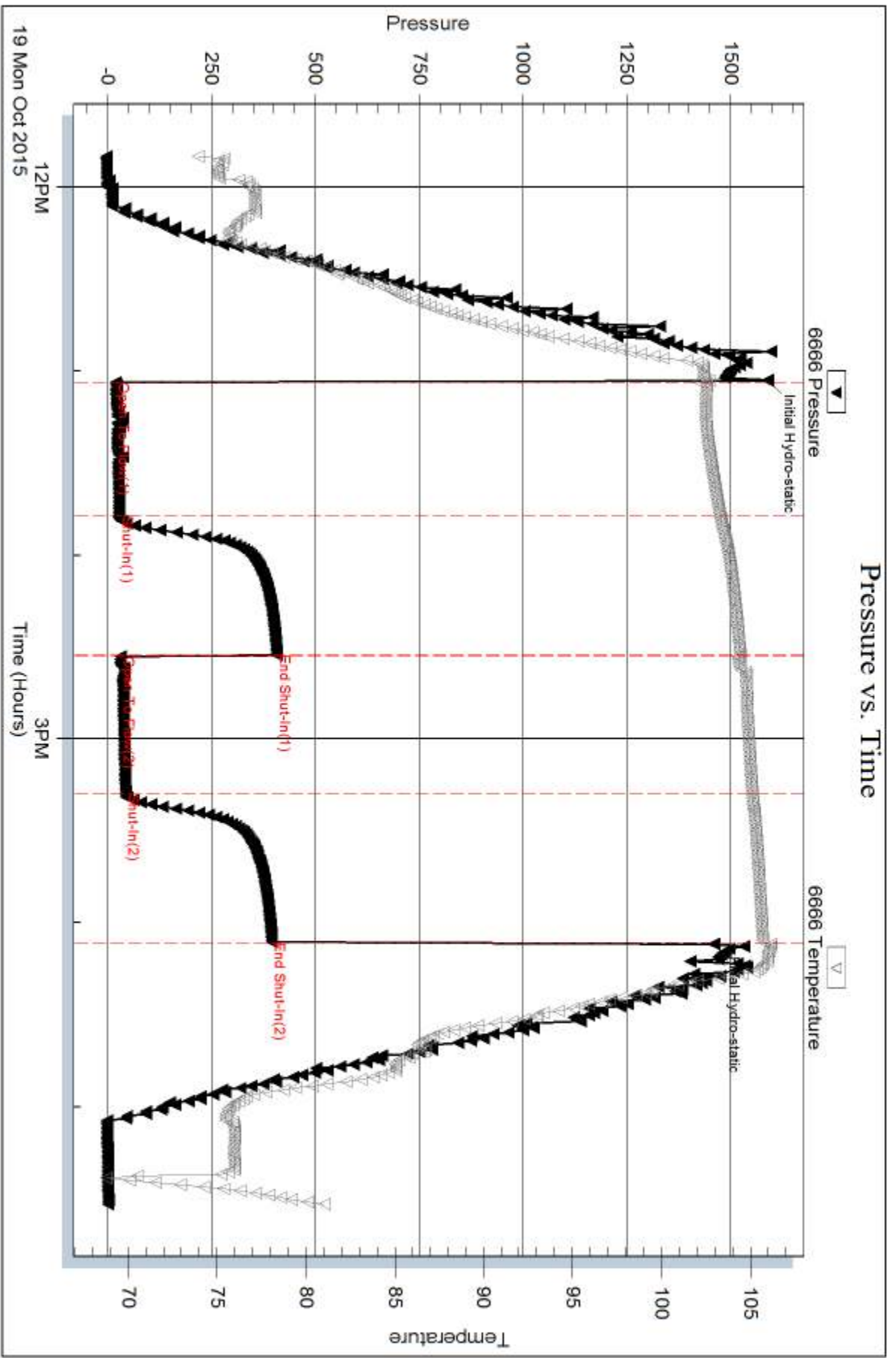
Serial #: 6666

Inside

American Warrior Inc

Lille #3-30

DST Test Number: 3



Trilobite Testing, Inc

Ref. No: 62958

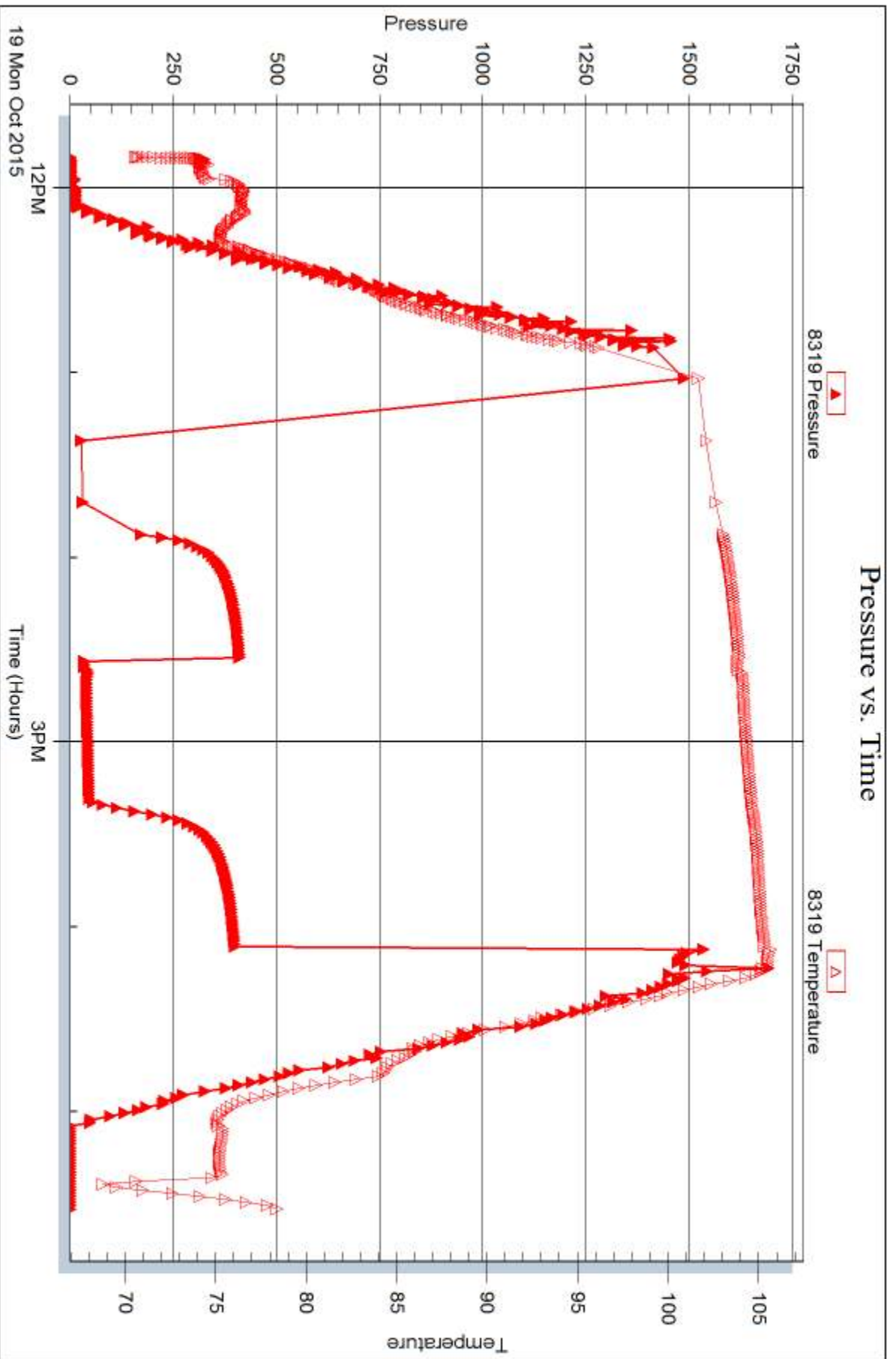
Printed: 2015.10.22 @ 13:17:23

Serial #: 8319

Outside American Warrior Inc

Lille #3-30

DST Test Number: 3



Trilobite Testing, Inc

Ref. No: 62958

Printed: 2015.10.22 @ 13:17:23



DRILL STEM TEST REPORT

Prepared For: **American Warrior Inc**

3118 Cummings Rd
Garden City KS, 67846

ATTN: Luke Thompson

Lillie #3-30

30-16s-10w Ellsworth,KS

Start Date: 2015.10.20 @ 02:59:00

End Date: 2015.10.20 @ 08:52:04

Job Ticket #: 62959 DST #: 4

Trilobite Testing, Inc
1515 Commerce Parkway Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2015.10.22 @ 13:16:38



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

American Warrior Inc
 3118 Cummings Rd
 Garden City KS, 67846
 ATTN: Luke Thompson

30-16s-10w Ellsworth,KS

Lillie #3-30

Job Ticket: 62959

DST#: 4

Test Start: 2015.10.20 @ 02:59:00

GENERAL INFORMATION:

Formation: **LKC H-J**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 04:04:48
 Time Test Ended: 08:52:04
 Interval: **3163.00 ft (KB) To 3240.00 ft (KB) (TVD)**
 Total Depth: 3240.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Jared Scheck
 Unit No: 55
 Reference Elevations: 1890.00 ft (KB)
 1882.00 ft (CF)
 KB to GR/CF: 8.00 ft

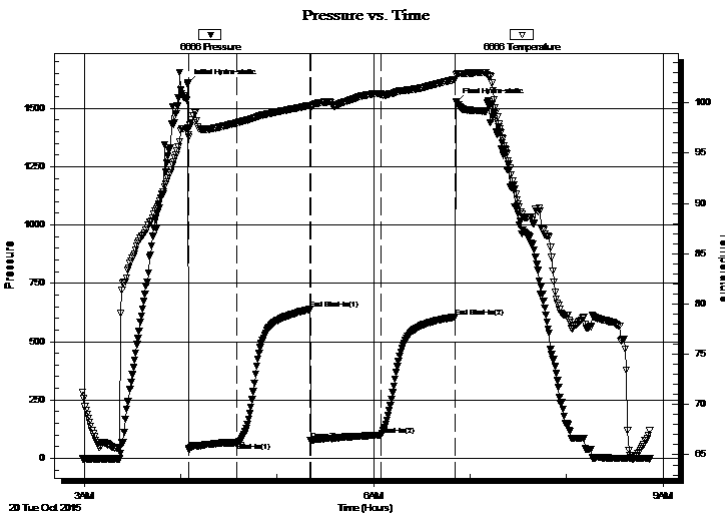
Serial #: 6666

Inside

Press@RunDepth: 99.97 psig @ 3200.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2015.10.20 End Date: 2015.10.20 Last Calib.: 2015.10.20
 Start Time: 02:59:01 End Time: 08:52:03 Time On Btm: 2015.10.20 @ 04:04:35
 Time Off Btm: 2015.10.20 @ 06:51:13

TEST COMMENT: IFP-30 Minutes-Weak blow built 6"
 ISIP-45 Minutes-No blow back
 FFP-45 Minutes-Weak blow built 6"
 FSIP-45 Minutes-No blow back

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1607.72	97.34	Initial Hydro-static
1	38.67	96.59	Open To Flow (1)
31	69.49	98.01	Shut-In(1)
76	638.08	99.74	End Shut-In(1)
77	75.24	99.61	Open To Flow (2)
121	99.97	100.85	Shut-In(2)
166	605.15	102.32	End Shut-In(2)
167	1526.42	102.77	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	OGM 5%gas 5%oil 90%mud	0.30
60.00	OGM 15%gas 5%oil 80%mud	0.30
35.00	OGM 20%gas 10%oil 70%mud	0.17
0.00	25 feet gas in pipe	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

American Warrior Inc
3118 Cummings Rd
Garden City KS, 67846
ATTN: Luke Thompson

30-16s-10w Ellsworth,KS

Lillie #3-30

Job Ticket: 62959

DST#: 4

Test Start: 2015.10.20 @ 02:59:00

GENERAL INFORMATION:

Formation: **LKC H-J**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 04:04:48
 Time Test Ended: 08:52:04
 Interval: **3163.00 ft (KB) To 3240.00 ft (KB) (TVD)**
 Total Depth: 3240.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair

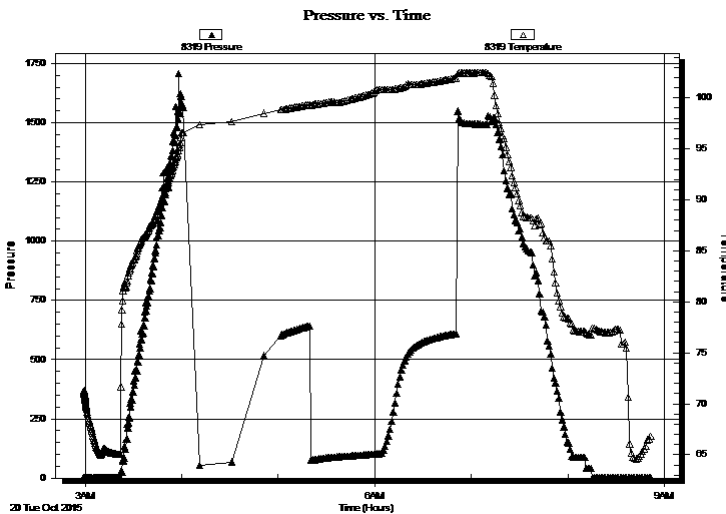
Test Type: Conventional Bottom Hole (Initial)
 Tester: Jared Scheck
 Unit No: 55
 Reference Elevations: 1890.00 ft (KB)
 1882.00 ft (CF)
 KB to GR/CF: 8.00 ft

Serial #: 8319 Outside

Press@RunDepth: psig @ 3201.00 ft (KB)
 Start Date: 2015.10.20 End Date: 2015.10.20 Capacity: 8000.00 psig
 Start Time: 02:59:01 End Time: 08:52:00 Last Calib.: 2015.10.20
 Time On Btm:
 Time Off Btm:

TEST COMMENT: IFP-30 Minutes-Weak blow built 6"
 ISIP-45 Minutes-No blow back
 FFP-45 Minutes-Weak blow built 6"
 FSIP-45 Minutes-No blow back

PRESSURE SUMMARY



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

Recovery

Length (ft)	Description	Volume (bbl)
60.00	OGM 5%gas 5%oil 90%mud	0.30
60.00	OGM 15%gas 5%oil 80%mud	0.30
35.00	OGM 20%gas 10%oil 70%mud	0.17
0.00	25 feet gas in pipe	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

American Warrior Inc

30-16s-10w Ellsworth,KS

3118 Cummings Rd
Garden City KS, 67846

Lillie #3-30

Job Ticket: 62959

DST#: 4

ATTN: Luke Thompson

Test Start: 2015.10.20 @ 02:59:00

Tool Information

Drill Pipe:	Length: 2853.00 ft	Diameter: 3.80 inches	Volume: 40.02 bbl	Tool Weight: 1000.00 lb
Heavy Wt. Pipe:	Length: 300.00 ft	Diameter: 2.25 inches	Volume: 1.48 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 60000.00 lb
			<u>Total Volume: 41.50 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	18.00 ft			String Weight: Initial 47000.00 lb
Depth to Top Packer:	3163.00 ft			Final 47000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	77.00 ft			
Tool Length:	105.00 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			3140.00	
Hydraulic tool	5.00			3145.00	
Jars	6.00			3151.00	
Safety Joint	2.00			3153.00	
Packer	5.00			3158.00	28.00 Bottom Of Top Packer
Packer	5.00			3163.00	
Anchor	3.00			3166.00	
Change Over Sub	0.75			3166.75	
Drill Pipe	31.50			3198.25	
Change Over Sub	0.75			3199.00	
Recorder	1.00	6666	Inside	3200.00	
Recorder	1.00	8319	Outside	3201.00	
Anchor	35.00			3236.00	
Bullnose	4.00			3240.00	77.00 Bottom Packers & Anchor

Total Tool Length: 105.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior Inc

30-16s-10w Ellsworth,KS

3118 Cummings Rd
Garden City KS, 67846

Lillie #3-30

Job Ticket: 62959

DST#: 4

ATTN: Luke Thompson

Test Start: 2015.10.20 @ 02:59:00

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: 49.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 10.38 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 8000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
60.00	OGM 5%gas 5%oil 90%mud	0.295
60.00	OGM 15%gas 5%oil 80%mud	0.295
35.00	OGM 20%gas 10%oil 70%mud	0.172
0.00	25 feet gas in pipe	0.000

Total Length: 155.00 ft

Total Volume: 0.762 bbl

Num Fluid Samples: 0

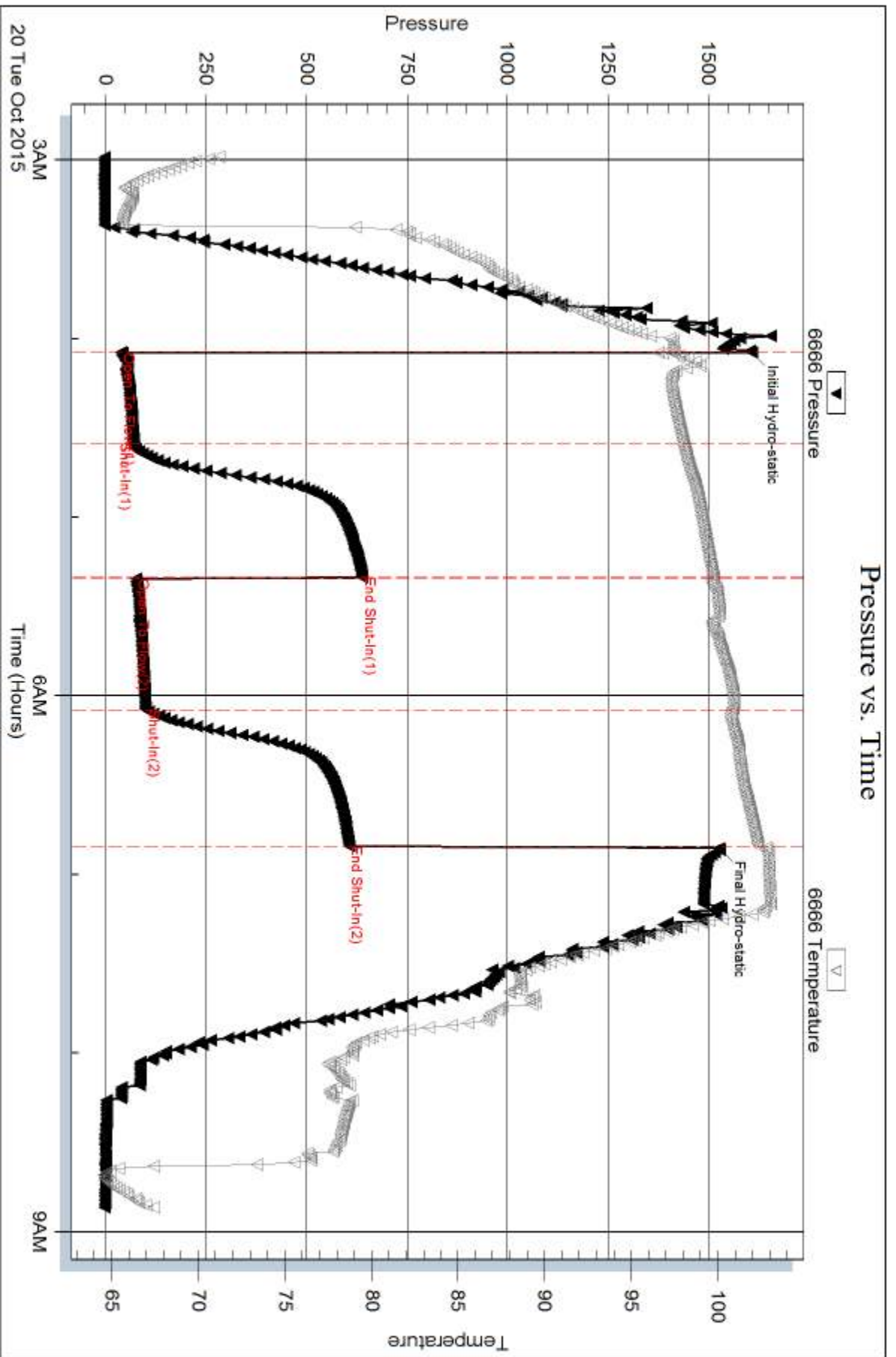
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

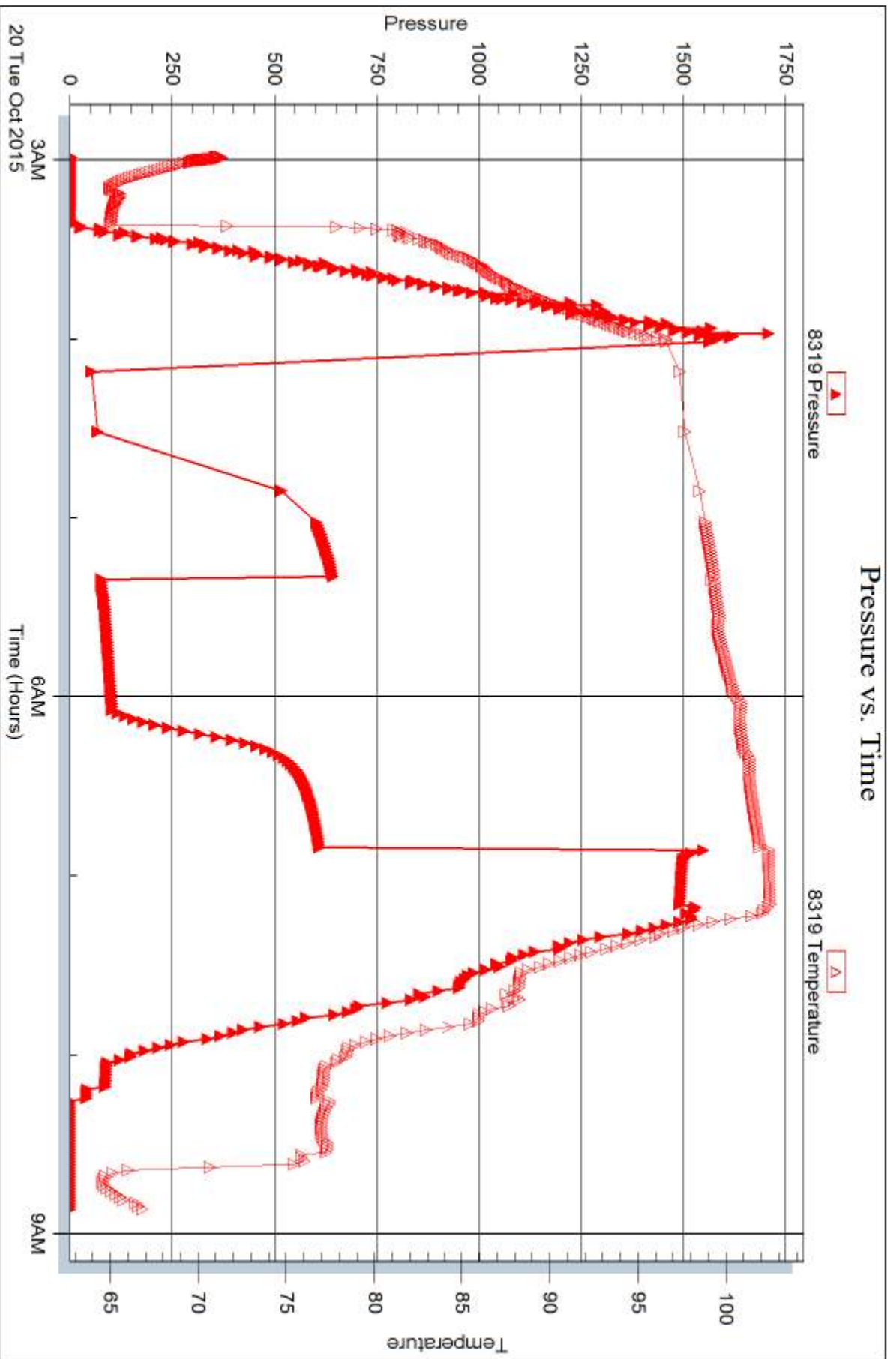


Serial #: 8319

Outside American Warrior Inc

Lille #3-30

DST Test Number: 4



Trickle Testing, Inc

Ref. No: 62959

Printed: 2015.10.22 @ 13:16:39



DRILL STEM TEST REPORT

Prepared For: **American Warrior Inc**

3118 Cummings Rd
Garden City KS, 67846

ATTN: Luke Thompson

Lillie #3-30

30-16s-10w Ellsworth,KS

Start Date: 2015.10.21 @ 13:40:00

End Date: 2015.10.21 @ 20:13:00

Job Ticket #: 62960 DST #: 5

Trilobite Testing, Inc
1515 Commerce Parkway Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2015.10.22 @ 13:16:22



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

American Warrior Inc
3118 Cummings Rd
Garden City KS, 67846
ATTN: Luke Thompson

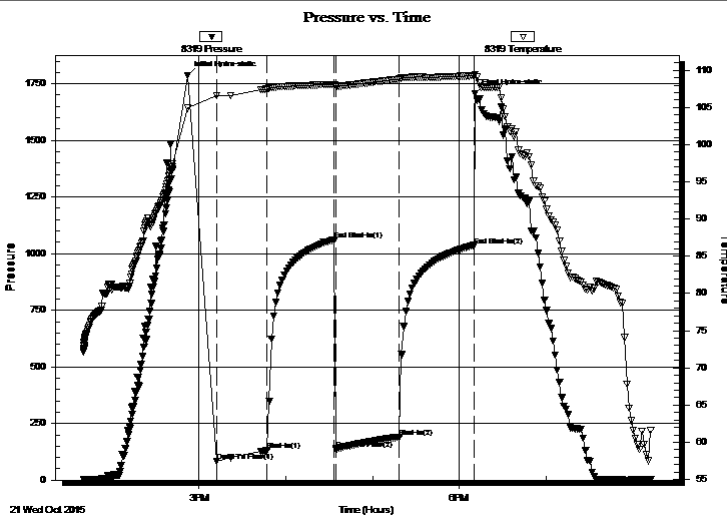
30-16s-10w Ellsworth,KS
Lillie #3-30
Job Ticket: 62960 **DST#: 5**
Test Start: 2015.10.21 @ 13:40:00

GENERAL INFORMATION:

Formation: **Arbuckle**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 15:12:00
Time Test Ended: 20:13:00
Interval: **3334.00 ft (KB) To 3500.00 ft (KB) (TVD)**
Total Depth: 3500.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair
Reference Elevations: 1890.00 ft (KB)
1882.00 ft (CF)
KB to GR/CF: 8.00 ft

Serial #: 8319 Outside
Press@RunDepth: 189.03 psig @ 3411.50 ft (KB) Capacity: 8000.00 psig
Start Date: 2015.10.21 End Date: 2015.10.21 Last Calib.: 2015.10.21
Start Time: 13:40:01 End Time: 20:13:00 Time On Btm: 2015.10.21 @ 14:52:00
Time Off Btm: 2015.10.21 @ 18:11:00

TEST COMMENT: IFP-45 Minutes-Weak building blow built 5 1/2"
ISIP-45 Minutes-No blow back
FFP-45 Minutes-Weak blow built 3"
FSIP-45 Minutes-No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1787.21	104.93	Initial Hydro-static
20	83.93	106.56	Open To Flow (1)
55	129.84	107.47	Shut-In(1)
102	1061.81	108.13	End Shut-In(1)
103	137.27	107.87	Open To Flow (2)
147	189.03	108.81	Shut-In(2)
198	1036.12	109.26	End Shut-In(2)
199	1705.90	109.45	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
180.00	OWM 5%oil 25%w ater 70%mud	0.89
120.00	OWM 5%oil 10%w ater 85%mud	0.59

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

American Warrior Inc

30-16s-10w Ellsworth,KS

3118 Cummings Rd
Garden City KS, 67846

Lillie #3-30

Job Ticket: 62960

DST#: 5

ATTN: Luke Thompson

Test Start: 2015.10.21 @ 13:40:00

Tool Information

Drill Pipe:	Length: 3040.00 ft	Diameter: 3.80 inches	Volume: 42.64 bbl	Tool Weight: 1000.00 lb
Heavy Wt. Pipe:	Length: 300.00 ft	Diameter: 2.25 inches	Volume: 1.48 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 60000.00 lb
			<u>Total Volume: 44.12 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	34.00 ft			String Weight: Initial 48000.00 lb
Depth to Top Packer:	3334.00 ft			Final 48000.00 lb
Depth to Bottom Packer:	3412.00 ft			
Interval between Packers:	78.00 ft			
Tool Length:	197.50 ft			
Number of Packers:	3	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
Shut In Tool	5.00			3311.00	
Hydraulic tool	5.00			3316.00	
Jars	6.00			3322.00	
Safety Joint	2.00			3324.00	
Packer	5.00			3329.00	28.00 Bottom Of Top Packer
Packer	5.00			3334.00	
Anchor	11.00			3345.00	
Change Over Sub	0.75			3345.75	
Drill Pipe	63.00			3408.75	
Change Over Sub	0.75			3409.50	
Recorder	1.00	6666	Inside	3410.50	
Recorder	1.00	8319	Outside	3411.50	
Blank Off Sub	0.50			3412.00	78.00 Tool Interval
Packer	5.00			3417.00	
Perforations	17.00			3434.00	
Recorder	1.00	6999	Below	3435.00	
Change Over Sub	0.75			3435.75	
Drill Pipe	63.00			3498.75	
Change Over Sub	0.75			3499.50	
Bullnose	4.00			3503.50	91.50 Bottom Packers & Anchor

Total Tool Length: 197.50



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior Inc

30-16s-10w Ellsworth,KS

3118 Cummings Rd
Garden City KS, 67846

Lillie #3-30

Job Ticket: 62960

DST#: 5

ATTN: Luke Thompson

Test Start: 2015.10.21 @ 13:40:00

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:

23000 ppm

Viscosity: 55.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 10.38 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 7000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
180.00	OWM 5%oil 25%w ater 70%mud	0.885
120.00	OWM 5%oil 10%w ater 85%mud	0.590

Total Length: 300.00 ft Total Volume: 1.475 bbl

Num Fluid Samples: 0

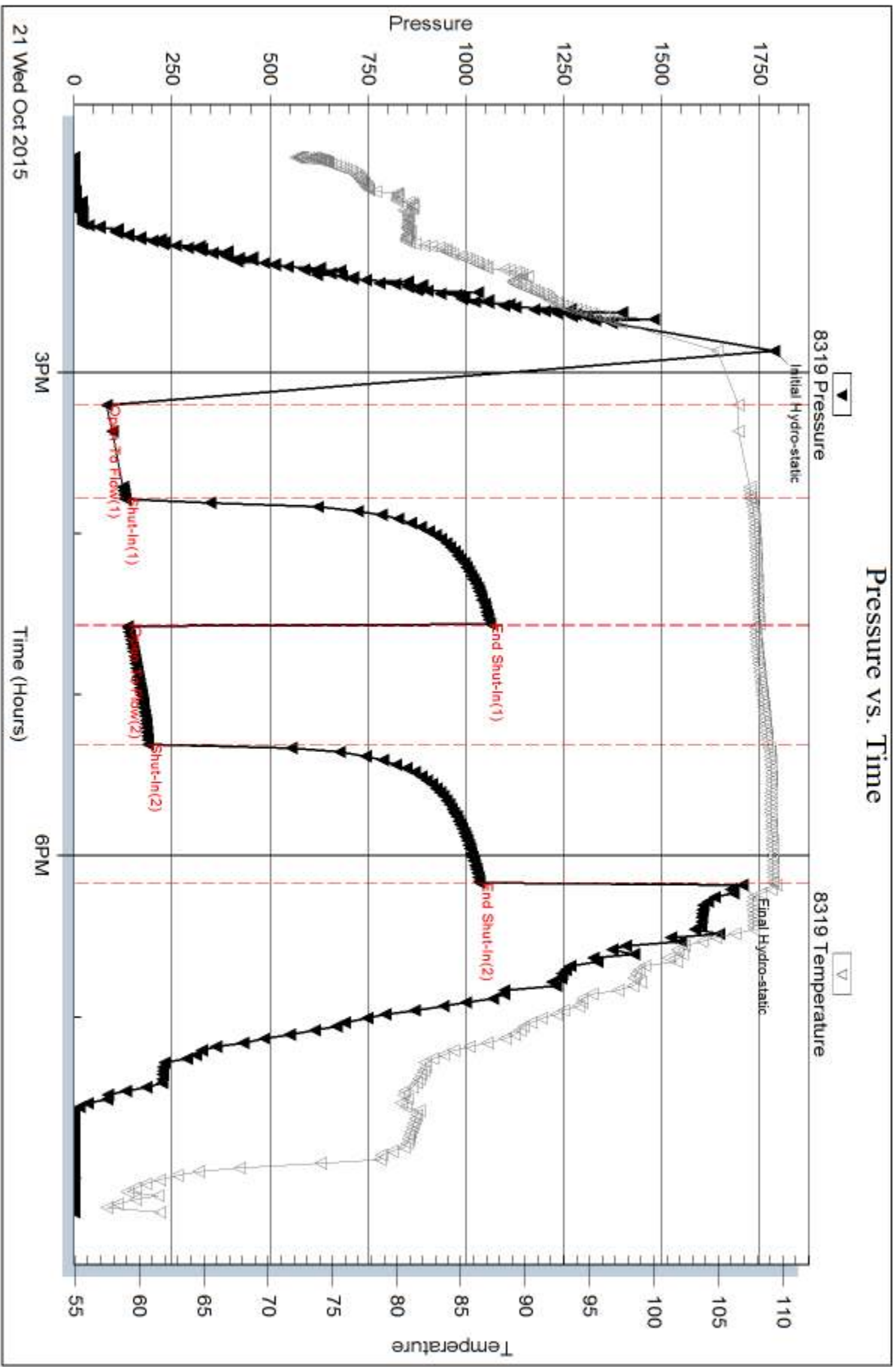
Num Gas Bombs: 0

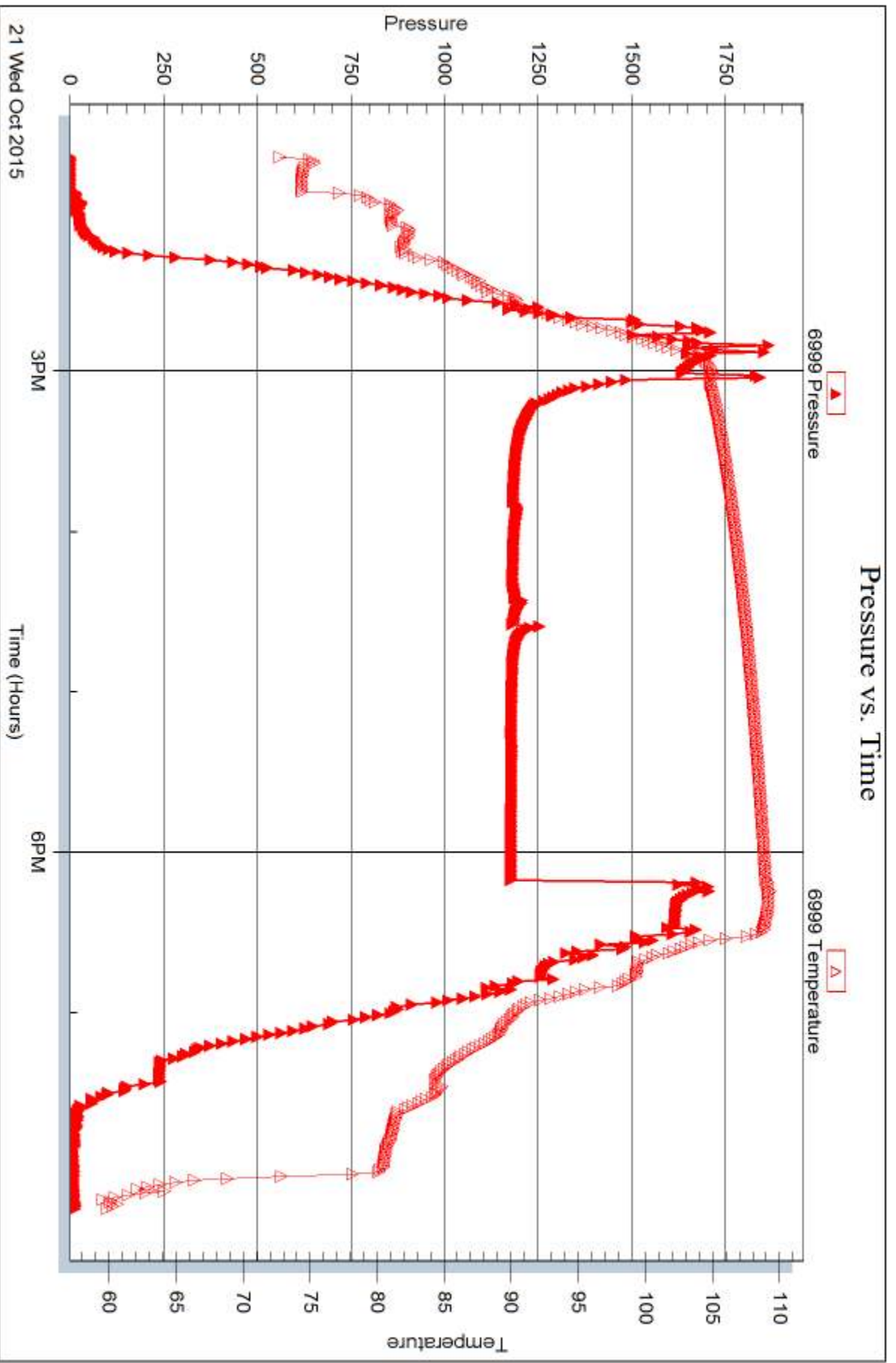
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: rW .2@65degree



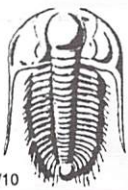


21 Wed Oct 2015

3PM

6PM

Time (Hours)



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 62956

Well Name & No. Lillie #3-30 Test No. 1 Date 10-18-2015
 Company American Warrior Inc Elevation 1890 KB 1882 GL
 Address 3118 Cummings RD Garden City KS 67846
 Co. Rep / Geo. Luke Thompson Rig Discovery Drilling #2
 Location: Sec. 30 Twp. 16 Rge. 10w Co. Frisworth State KS

Interval Tested 3020-3061 Zone Tested Lansing A-B
 Anchor Length 41 Drill Pipe Run 2199 Mud Wt. 9
 Top Packer Depth 3015 Drill Collars Run - Vis 56
 Bottom Packer Depth 3000 Wt. Pipe Run 300 WL 8.8
 Total Depth 3061 Chlorides 6,000 ppm System LCM

Blow Description IFP - Strong Blow Built Bottom of Bucket in 1 1/2 minutes
ISIP - 1 inch Blow Back
FFP - Strong Blow Built Bottom of Bucket in 5 1/2 minutes
FSIP - 2 inch Blow Back

Rec	Feet of	%gas	%oil	%water	%mud
<u>600</u>	<u>water</u>			<u>90</u>	<u>10</u>
	<u>60,000 chlorides</u>				
<u>2399</u>	<u>feet Gas in pipe</u>				
Rec Total	<u>600 feet fluid 299 ppm Chlorides</u>				

Gravity 1050 API RW 1 @ 60 ° F Chlorides 60,000 ppm
 (A) Initial Hydrostatic 1506 Test 1050 T-On Location 9:30am
 (B) First Initial Flow 111 Jars 250 T-Started 11:20am
 (C) First Final Flow 168 Safety Joint 75 T-Open 12:48
 (D) Initial Shut-In 709 Circ Sub _____ T-Pulled 3:33pm
 (E) Second Initial Flow 203 Hourly Standby _____ T-Out 5:27
 (F) Second Final Flow 305 Mileage 48 Round Trip Great Bend Comments Gas to surface
 (G) Final Shut-In 719 Sampler _____ 2nd open could not
 (H) Final Hydrostatic 1412 Straddle _____ gauge
 Ruined Shale Packer _____
 Ruined Packer _____
 Extra Packer _____
 Extra Recorder _____
 Day Standby _____
 Accessibility _____
 Initial Open 30
 Initial Shut-In 30
 Final Flow 45
 Final Shut-In 60
 Sub Total 0
 Total 1423
 MP/DST Disc't _____
 Sub Total 1423

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.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 62957

4/10

Well Name & No. Lillie #3-30 Test No. 2 Date 10-19-2015
 Company American Warrior Inc Elevation 1890 KB 1882 GL
 Address 3118 Cummings RD Garden City KS 67846
 Co. Rep / Geo. Luke Thompson Rig Discovery Drilling Rig #2
 Location: Sec. 30 Twp. 16 Rge. 10w Co. Ellsworth State KS

Interval Tested 3125 - 3160 Zone Tested Lansing G
 Anchor Length 35 Drill Pipe Run _____ Mud Wt. 9
 Top Packer Depth 3120 Drill Collars Run - Vis 56
 Bottom Packer Depth 3125 Wt. Pipe Run 300 WL 8.8
 Total Depth 3160 Chlorides 6000 ppm System LCM _____

Blow Description IIFP - Very Weak Surface Blow Built 1/8 inch and stayed steady throughout
ISIP - NO Blow Back
FFP - Very Weak Surface Blow Died off 10 minutes into open
ESIP - NO Blow Back

Rec	Feet of	%gas	%oil	%water	%mud
<u>1</u>	<u>mud</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 _____ BHT _____ Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic 1544 Test 850 T-On Location 4:00 AM
 (B) First Initial Flow 97 Jars 250 T-Started 4:10 AM
 (C) First Final Flow 427 Safety Joint 75 T-Open 5:15 AM
 (D) Initial Shut-In 472 Circ Sub _____ T-Pulled 7:30 AM
 (E) Second Initial Flow 81 Hourly Standby _____ T-Out 9:02 AM
 (F) Second Final Flow 410 Mileage 48 Road Trip Great Bend Comments _____
 (G) Final Shut-In 455 Sampler _____
 (H) Final Hydrostatic 1471 Straddle _____ Ruined Shale Packer _____
 Shale Packer _____ Ruined Packer _____
 Extra Packer _____ Extra Copies _____
 Extra Recorder _____

Initial Open 30
 Initial Shut-In 30
 Final Flow 30
 Final Shut-In 45

Sub Total 1223
 Total 1223
 MP/DST Disc't _____

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.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 62958

Well Name & No. Lillie #3-30 Test No. 3 Date 10-19-2015
 Company American Warrior Inc Elevation 1890 KB 1882 GL
 Address 3118 Cummings RD Garden City KS 67846
 Co. Rep / Geo. Luke Thompson Rig Discovery Drilling Rig #2
 Location: Sec. 30 Twp. 16 Rge. 10w Co. Ellsworth State KS

Interval Tested 3126 ~~3120~~ - 3160 Zone Tested Lansing G
 Anchor Length 34 Drill Pipe Run _____ Mud Wt. 9.4
 Top Packer Depth - 3121 Drill Collars Run _____ Vis 49
 Bottom Packer Depth 3126 Wt. Pipe Run 300 WL 10.4
 Total Depth 3160 Chlorides 8000 ppm System LCM _____

Blow Description IJP - Very Weak Surface Blow Built 3/4 inch into Bucket
IJIP - NO Blow Back
FFP - Very Weak Surface Surge Flushed Tool good Surge Stayed steady 1/8 inch
FSIP - NO Blow Back

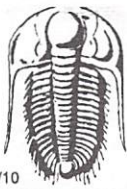
Rec	Feet of	%gas	%oil	%water	%mud
<u>60</u>	<u>MW</u>			<u>60</u>	<u>40</u>
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

Rec Total 60 BHT _____ Gravity _____ API RW 205 @ 60 ° F Chlorides 18,000 ppm
 (A) Initial Hydrostatic 1590 Test 1050 T-On Location 11:30
 (B) First Initial Flow 19 Jars 250 T-Started 11:50
 (C) First Final Flow 29 Safety Joint 75 T-Open 12:50
 (D) Initial Shut-In 407 Circ Sub _____ T-Pulled 3:50
 (E) Second Initial Flow 32 Hourly Standby _____ T-Out 5:31
 (F) Second Final Flow 43 Mileage 48 Round Trip Great Bend Comments Flushed Tool 2nd pass
 (G) Final Shut-In 395 Sampler _____
 (H) Final Hydrostatic 1457 Straddle _____ Ruined Shale Packer _____
 Shale Packer _____ Ruined Packer _____

Initial Open 45 Extra Packer _____ Extra Copies _____
 Initial Shut-In 45 Extra Recorder _____ Sub Total 0
 Final Flow 45 Day Standby _____ Total 1423
 Final Shut-In 45 Accessibility _____ MP/DST Disc't _____
 Sub Total 1423

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.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 62959

Well Name & No. Lillie #3-30 Test No. 4 Date 10-20-2015
 Company American Warrior Inc Elevation 1890 KB 1882 GL
 Address 3118 Cummings RD Garden City KS 67846
 Co. Rep / Geo. Luke Thompson Rig Discovery Drilling Rig #2
 Location: Sec. 30 Twp. 16 Rge. 10w Co. Ellsworth State KS

Interval Tested 3163-3240 Zone Tested Lansing H-J
 Anchor Length 77 Drill Pipe Run _____ Mud Wt. 9.3
 Top Packer Depth 3158 Drill Collars Run _____ Vis 49
 Bottom Packer Depth 3163 Wt. Pipe Run 300 WL 10.9
 Total Depth 3240 Chlorides 8,000 ppm System LCM _____

Blow Description IFP-Weak Blow Built benches into Bucket
ISIP- NO Blow Back
FFP- Weak Blow Built benches into Bucket
FSTP- NO Blow Back

Rec	Feet of	%gas	%oil	%water	%mud
<u>60</u>	<u>OGM</u>	<u>50</u>	<u>5</u>	<u>90</u>	
<u>60</u>	<u>OGM</u>	<u>15</u>	<u>5</u>	<u>80</u>	
<u>35</u>	<u>OGM</u>	<u>20</u>	<u>10</u>	<u>70</u>	
<u>25</u>	<u>Gas in pipe</u>				

Rec Total 155 Fluid 190 Total Recovery BHT Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

- (A) Initial Hydrostatic 1607
- (B) First Initial Flow 38
- (C) First Final Flow 69
- (D) Initial Shut-In 638
- (E) Second Initial Flow 75
- (F) Second Final Flow 99
- (G) Final Shut-In 605
- (H) Final Hydrostatic 1526

- Test 1050
- Jars 250
- Safety Joint 75
- Circ Sub _____
- Hourly Standby _____
- Mileage 48 Road Trip Great Bend
- Sampler _____
- Straddle _____
- Shale Packer _____
- Extra Packer _____
- Extra Recorder _____
- Day Standby _____
- Accessibility _____
- Sub Total 1423

- T-On Location 2:45
- T-Started 2:59
- T-Open 4:05
- T-Pulled 6:50
- T-Out 8:52

Initial Open 30
 Initial Shut-In 45
 Final Flow 45
 Final Shut-In 45

Comments _____
 Ruined Shale Packer _____
 Ruined Packer _____
 Extra Copies _____
 Sub Total 0
 Total 1423
 MP/DST Disc't _____

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.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 62960

Well Name & No. Lillie #3-30 Test No. 5 Date 10-21-2015
 Company American Warrior Inc Elevation 1890 KB 1882 GL
 Address 3118 Cummings RD Garden City KS 67846
 Co. Rep / Geo. Luke Thompson Rig Discovery Drilling R; #2
 Location: Sec. _____ Twp. _____ Rge. _____ Co. Ellsworth State KS

Interval Tested 3334-3412 Zone Tested Arbuckle
 Anchor Length 78 Drill Pipe Run 3040 Mud Wt. 9
 Top Packer Depth 3334 Drill Collars Run _____ Vis 55
 Bottom Packer Depth 3412 Wt. Pipe Run 300 WL 10.4
 Total Depth 3500 Chlorides 7000 ppm System LCM _____

Blow Description JFP-Weak Building Blow Built 5 1/2 inches into Bucket
ISIP- NO Blow Back
FFP-Weak Blow Built 3 inches into Bucket
FSIP- NO Blow Back

Rec	Feet of	%gas	%oil	%water	%mud
<u>180</u>	<u>0 W M</u>	<u>5</u>	<u>25</u>	<u>70</u>	
<u>120</u>	<u>0 W M</u>	<u>5</u>	<u>10</u>	<u>85</u>	
	<u>Chlorides 23,000</u>				

Rec Total 300 BHT 109 Gravity _____ API RW -2 @ 65° F Chlorides 23,000 ppm

(A) Initial Hydrostatic 1787
 (B) First Initial Flow 98
 (C) First Final Flow 129
 (D) Initial Shut-In 1061
 (E) Second Initial Flow 137
 (F) Second Final Flow 189
 (G) Final Shut-In 1036
 (H) Final Hydrostatic 1705

Initial Open 45
 Initial Shut-In 45
 Final Flow 45
 Final Shut-In 45

Test 1050
 Jars 250
 Safety Joint 75
 Circ Sub _____
 Hourly Standby _____
 Mileage 48 Round Trip Great Bend
 Sampler _____
 Straddle 600 with shale packer
 Shale Packer 250
 Extra Packer Shale packer
 Extra Recorder 3 all together
 Day Standby _____
 Accessibility _____
 Sub Total 2273

T-On Location 1:15
 T-Started 1:40
 T-Open 2:47
 T-Pulled 5:47
 T-Out 8:13
 Comments _____
 Ruined Shale Packer _____
 Ruined Packer _____
 Extra Copies _____
 Sub Total 0
 Total 2273
 MP/DST Disc't _____

Approved By _____

Our Representative [Signature]

Trilobite Testing Inc. shall not be liable for damaged or 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.

Geological Report

American Warrior, Inc.

Lillie #3-30

1324' FNL & 2179' FEL

Sec 30, T16s, R10w

Ellsworth County, Kansas



American Warrior, Inc.

General Data

Well Data: American Warrior, Inc.
Lillie #3-30
1324' FNL & 2179' FEL
Sec 30, T16s, R10w
Ellsworth County, Kansas
API # 15-053-21339-00-00

Drilling Contractor: Discovery Drilling Rig #2

Geologist: Luke Thompson

Spud Date: October 14, 2015

Completion Date: October 22, 2015

Elevation 1882' G.L.
1890' K.B.

Directions: From the North side of Hollyrood, KS, at the intersection of Hwy 156 and Ave T go 3.8 miles west to County Line Rd on Ave T, go 3 miles North to Rd Q, go 0.5 miles East, go South 0.25 miles on Lease Rd and East into.

Casing: 392' 8 5/8" #23 Surface Casing
3488' 5 1/2" #15.5 Production Casing

Samples: 2600' to RTD 10' Wet & Dry

Drilling Time: 2500' to RTD

Electric Logs: Pioneer Energy Services "D. Schmidt"
Stacked Micro

Drillstem Tests: Five-Trilobite Testing "Jared Scheck"

Problems: none encountered

Formation Tops

Lillie #3-30

1324' FNL & 2179' FEL

Sec 30, T16s, R10w

Anhydrite	684' +1206
Base	710' +1180
Howard	2582' -692
Topeka	2620' -730
Lecompton	2758' -868
Plattsmouth	2832' -942
Heebner	2912' -1022
Toronto	2932' -1042
Douglas	2942' -1052
Brown Lime	3014' -1124
Lansing	3034' -1144
Stark	3251' -1361
BKC	3310' -1420
Conglomerate	3339' -1449
Arbuckle	3384' -1494
RTD	3500' -1610
LTD	3502' -1612

Sample Zone Descriptions

- Lansing A-B (3050', -1160): Covered in DST #1**
Limestone, cream, fine to sub-crystalline, occasionally oolitic, fair scattered oomoldic porosity, occasional vuggy porosity, good odor, fair scattered stain and saturation, fair show of free oil. Gas 30 units hotwire.
- Lansing G (3142', -1252): Covered in DST #2 & 3**
Limestone, cream, tan, oolitic, good oomoldic porosity, strong odor, good stain on 40% of cuttings, fair saturation, good show of free oil. Gas 25 units hotwire.
- Lansing H-J (3177', -1280 & 3218', -1328) Covered in DST #4**
(Lansing H; 3177') Limestone, cream, oolitic, poor oomoldic porosity, slight odor, fair stain, fair saturation, fair show of free oil. Gas 87 units hotwire.
(Lansing J; 3218') Limestone, tan, oolitic, good oomoldic porosity, strong odor, scattered fair stain, fair saturation, fair show of free oil. Gas 75 units hotwire.
- Arbuckle (3396', -1506) Covered in DST #5**
Dolomite, tan, fine crystalline, sucrosic, fair inter-crystalline porosity, strong odor, poor stain, fair saturation, fair slow stream cut, good show of free oil when broke. Gas 70 units hotwire.

Drill Stem Tests

Trilobite Testing

“Jared Scheck”

DST #1

Lansing A-B

Interval (3020' - 3061') Anchor Length 41'

IHP - 1506 #

IFP - 30” – BOB

112-168 #

ISI - 45” – 1" return

710 #

FFP - 45” – BOB

204-305 #

FSIP - 60” – No Return

720 #

FHP - 1412 #

BHT - 108° F

Recovery: GTS 5 1/2" in second open
2399' GIP
600' MCW

DST #2

Lansing G

Interval (3125' - 3160') Anchor Length 35'

Tool Plugged

Results N/A

DST #3

Lansing G

Interval (3126' - 3160') Anchor Length 34'

IHP - 1590 #

IFP - 45” – WSB built to 3/4"

20-28#

ISI - 45” – no return

407 #

FFP - 45” – WSB

32-44 #

FSIP - 45” – no return

395 #

FHP - 1458 #

BHT - 106 ° F

Recovery: 60' MW

DST #4**Lansing H-J**

Interval (3163' – 3240') Anchor Length 77'

IHP - 1607 #

IFP - 30" – WSB built to 6" 39-69#

ISI - 45" – No Return 638 #

FFP - 45" – WSB built to 6" 75-100 #

FSIP - 45" – no return 605 #

FHP - 1526 #

BHT - 103 ° F

Recovery: 25' GIP

35' OGCM (20% G & 10% O)

120' OGCM (15% G & 5% O)

DST #5**Arbuckle (straddle test)**

Interval (3334' – 3412') Anchor Length 78', Tail Pipe 88'

IHP - 1787 #

IFP - 45" – 5 1/2" blow 84-130 #

ISI - 45" – No Return 1062 #

FFP - 45" – 3" blow 137-189 #

FSIP - 45" – No Return 1036 #

FHP - 1706 #

BHT - 109 ° F

Recovery: 120' OWCM (5% O)

180' OWCM (5% O)

Structural Comparison

	American Warrior, Inc. Lillie #3-30 Sec. 30, T16s, R10w 1324' FNL & 2179' FEL		American Warrior, Inc. Lillie #2-30 Sec. 30, T16s, R10w 633' FNL & 2097' FEL		American Warrior, Inc. Lillie #1 Sec. 30, T16s, R10w 2970' FSL & 2310' FEL
Formation					
Topeka	2620' -730	+4	2624' -734	0	2610' -730
Heebner	2912' -1022	+4	2916' -1026	-3	2902' -1019
Toronto	2932' -1042	+3	2935' - 1045	-4	2921' -1038
Douglas	2942' -1052	+4	2946' -1056	-3	2932' -1049
Brown Lm	3014' -1124	+4	3018' -1128	-3	3004' -1121
Lansing	3034' -1144	+4	3038' -1148	-4	3023' -1140
Stark	3251' -1361	+5	3256' -1366		
BKC	3310' -1420	+3	3313' -1423		
Conglom.	3339' -1449	+1	3340' -1450	-5	3327' -1444
Arbuckle	3384' 1494	-30	3354' -1464	-25	3352' -1469

Summary

The location for the Lillie #3-30 well was found via 3-D seismic survey. The new well ran structurally as expected. Five drill stem tests were conducted, two of which recovered commercial quantities of oil. After all the gathered data had been examined, the decision was made to run 5 ½" casing to further evaluate the Lillie #3-30 well.

Perforations

Primary: **Arbuckle** **3400' - 3405' (first)**

3393' - 3397' (second)

3385' - 3388' (third)

Secondary:	Lansing J	3212' - 3218'
	Lansing H	3176' - 3180'

Before Abandonment:	Toronto	2933' - 2936'
	Plattsmouth	2903' - 2905'
		2847' - 2851'
	Topeka	2663' - 2666'

Respectfully Submitted,

Lukas Thompson
American Warrior, Inc.

ALLIED OIL & GAS SERVICES, LLC

P.O. Box 205803
Dallas, TX 75320-5803

INVOICE

Invoice Number: 151006
Invoice Date: Oct 14, 2015
Page: 1

Duplicate

Voice: (832) 482-3742
Fax: (832) 482-3738

Drop Shipment

Bill To:
American Warrior, Inc. #1021 P. O. Box 399 Garden City, KS 67846

Ship to:
American Warrior, Inc. #1020 P. O. Box 399 Garden City, KS 67846

Customer ID	Customer PO	Payment Terms	
AmerWa	55810	Net 30 Days	
Sales Rep ID	Shipping Method	Ship Date	Due Date
KS2-01	Russell	10/14/15	11/13/15

Quantity	Item	Description	Unit Price	Amount
1.00	WELL NAME	Lillie #3-30		
225.00	CEMENT MATERIALS	Class A Common	17.90	4,027.50
424.00	CEMENT MATERIALS	Gel	0.50	212.00
636.00	CEMENT MATERIALS	Chloride	1.10	699.60
225.00	CEMENT SERVICE	Cubic Feet Charge	2.48	558.00
265.00	CEMENT SERVICE	Ton Mileage Charge	2.75	728.75
1.00	CEMENT SERVICE	Surface	1,512.25	1,512.25
25.00	CEMENT SERVICE	Light Vehicle Mileage	4.40	110.00
50.00	CEMENT SERVICE	Heavy Vehicle Mileage	7.70	385.00
1.00	JOB DISCOUNT	Job Discount if paid within terms -- Material	2,370.77	-2,370.77
1.00	JOB DISCOUNT	Job Discount if paid within terms -- Cement Service	1,581.12	-1,581.12
1.00	CEMENT SUPERVISOR	Robert Yakubovich		
1.00	OPERATOR ASSISTANT	Tracy Jordan		
1.00	EQUIPMENT OPERATOR	Brian Lang		

Subtotal	4,281.21
Sales Tax	192.62
Total Invoice Amount	4,473.83
Payment/Credit Applied	
TOTAL	4,473.83

Check/Credit Memo No:

ALLIED OIL & GAS SERVICES, LLC 055810

Federal Tax I.D.# 20-5975804

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

SERVICE POINT:
Russell KS

DATE <u>10-14-15</u>	SEC. <u>30</u>	TWP. <u>16</u>	RANGE <u>10</u>	CALLED OUT	ON LOCATION	JOB START <u>1000 PM</u>	JOB FINISH <u>1030 PM</u>
LEASE <u>Lillie</u>	WELL # <u>3-30</u>	LOCATION <u>Wilson KS 135 1/2 E</u>			COUNTY <u>Ellsworth</u>	STATE <u>KS</u>	
OLD OR <u>NEW</u> (Circle one)		<u>Sinto</u>					

CONTRACTOR <u>Discovery</u>	OWNER
TYPE OF JOB <u>Surface</u>	
HOLE SIZE <u>12 1/4</u>	T.D. <u>392</u>
CASING SIZE <u>8 3/8 28#</u>	DEPTH <u>392</u>
TUBING SIZE	DEPTH
DRILL PIPE	DEPTH
TOOL	DEPTH
PRES. MAX	MINIMUM
MEAS. LINE	SHOE JOINT <u>15</u>
CEMENT LEFT IN CSG. <u>15</u>	
PERFS.	
DISPLACEMENT <u>23.5</u>	
EQUIPMENT	
PUMP TRUCK CEMENTER <u>Robert V</u>	
# <u>409</u> HELPER <u>Tracy J</u>	
BULK TRUCK	
# <u>473-292</u> DRIVER <u>Brian Lang</u>	
BULK TRUCK	
#	DRIVER

CEMENT	AMOUNT ORDERED <u>225 com 390cc 2 1/2 gal</u>
COMMON	<u>225 @ 17.90 4027.50</u>
POZMIX	@
GEL	<u>424 @ 0.50 212.00</u>
CHLORIDE	<u>636 @ 1.10 699.60</u>
ASC	@
	@
	@
	@
	@
	@ <u>4929.10</u>
	@ <u>2370.77</u>
	@
	@
	@
HANDLING <u>225 lbs</u>	@ <u>2.48 558.00</u>
MILEAGE <u>265 r/m</u>	<u>2.75 728.75</u>

REMARKS:

see log

Circulated 20 sts to pif

Thank you!!!

TOTAL

CHARGE TO: American Warrior

STREET _____

CITY _____ STATE _____ ZIP _____

SERVICE

DEPTH OF JOB	<u>392</u>
PUMP TRUCK CHARGE	<u>1512.25</u>
EXTRA FOOTAGE	@
MILEAGE <u>25 LVMI</u>	@ <u>4.40 110.00</u>
MANIFOLD	@
<u>50 HVMI</u>	@ <u>7.70 385.00</u>
	@

Line 1581.12 TOTAL 3294.00

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) _____

PRINTED NAME Terry Wickham

SIGNATURE Terry Wickham

TOTAL CHARGES 8233.10

DISCOUNT 3951.89 48% IF PAID IN 30 DAYS

net 4281.21



CHARGE TO: Amesbury
 ADDRESS: Amesbury, Kansas
 CITY, STATE, ZIP CODE: Amesbury, KS 67560

TICKET 28730
 PAGE 1 OF 2

SERVICE/LOCATIONS	WELL/PROJECT NO.	LEASE	COUNTY/PARISH	STATE	CITY	DATE	OWNER
1. <u>Amesbury, KS</u>	<u>28730</u>	<u>Chick</u>	<u>Phillips</u>	<u>KS</u>	<u>Amesbury</u>	<u>11/20/07</u>	<u>Amesbury</u>
2. <u>Amesbury, KS</u>	TICKET TYPE <input type="checkbox"/> SERVICE <input type="checkbox"/> SALES	CONTRACTOR	RIG NAME/NO.	SHIPPED VIA	DELIVERED TO	ORDER NO.	
	<u>SALES</u>	<u>Amesbury Drilling</u>	<u>1216 H-2</u>	<u>VIA</u>	<u>Amesbury</u>		
3.	WELL TYPE	WELL CATEGORY	JOB PURPOSE	WELL PERMIT NO.	WELL LOCATION		
	<u>Oil</u>	<u>Drilling</u>	<u>Lease Services</u>				
4. REFERRAL LOCATION	INVOICE INSTRUCTIONS						

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.	UM	QTY.	UM	UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
505					MILEAGE 111	270	M			5.00	1350.00
578					Road Clean - Lease Services	1	EA			1250.00	1250.00
290					D. AIG	5	GA			42.00	210.00
281					Multiserial	500	GA			1.45	725.00
221					Liquid Gal.	2	GA			25.00	50.00
403					Concrete	6	TA			5.50	33.00
403					Concrete Base	1	EA			250.00	250.00
406					Small Drum Fuel & Supply	1	EA			825.00	825.00
407					Insert Bar for AMR/GI	1	EA			300.00	300.00
419					Removal Lead Battery	1	EA			260.00	260.00
											73

LEGAL TERMS: Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, **PAYMENT, RELEASE, INDEMNITY**, and **LIMITED WARRANTY** provisions.

MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS

DATE SIGNED: [Signature] TIME SIGNED: A.M. P.M.

REMIT PAYMENT TO:
 SWIFT SERVICES, INC.
 P.O. BOX 466
 NESS CITY, KS 67560
 785-798-2300

SURVEY
 OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?
 WE UNDERSTOOD AND MET YOUR NEEDS?
 OUR SERVICE WAS PERFORMED WITHOUT DELAY?
 WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?
 ARE YOU SATISFIED WITH OUR SERVICE?
 CUSTOMER DID NOT WISH TO RESPOND

PAGE TOTAL: 4400.71
 TAX: 434.41
 TOTAL: 8571.12

SWIFT OPERATOR: [Signature] APPROVAL: [Signature]

Thank You!



PO Box 466
Ness City, KS 67560
Off: 785-798-2300

TICKET CONTINUATION

TICKET No. 98930

CUSTOMER American Machine & Tool Co. Inc. DATE 10-22-15 PAGE 9 OF 8

PRICE REFERENCE	SECONDARY REFERENCE / PART NUMBER	ACCOUNTING			TIME	DESCRIPTION	WELL		DATE	UNT PRICE	AMOUNT
		LOC	ACCT	DR			QTY	U/M			

305						STANDARD CEMENT	195	SBS	10-22-15	12.35	2408.25
284						CEMENT	8	SBS		30.00	240.00
283						CEMENT	919	SBS		2.00	1838.00
286						CEMENT	128	SBS		8.00	1024.00
276						CEMENT	44	SBS		2.25	99.00
581						SERVICE CHARGE					482.06
663						MILEAGE CHARGE					262.50
CONTINUATION TOTAL											4460.71

4460.71

JOB LOG

SWIFT Services, Inc.

DATE 10/22/15 PAGE NO. 7

CUSTOMER: *Davidson & Son* WELL NO.: *3-30* LEASE: *Lillie* JOB TYPE: *Long String* TICKET NO.: *28730*

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	130							On location w/ Pump Camp
								5 1/2 Csg
								RTD 3700
								Total pipe = 3498.61
								Insert = 3466
								Centralizers @ 1, 3, 5, 7, 9, 11
								Basket @ 2
	230							Start Running Csg
	440							Break Circ on ATM
	535	2	7					0 Plug Rat Hole - 30 sbs
	537	2	5					0 Plug Waste Hole - 30 sbs
	540	5.5	12					300 pump mudflush
		5.5	30					300 pump VCL SPACER
	548	5.5	0					500 Street Cmt
	550	5.5	30					0 End Cmt
								WASH P/L / Drop plug
	600	5.5	0					0 START Disp
		5.5	57					400 CATCH CMT
	615	4	32.5					900 End Disp
								Lift psi = 900
								Land psi = 1500
								Thanks
								David Austen & Rob