

Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1240856
OIL & GAS CONSERVATION DIVISION

Form ACO-1

August 2013

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
- Plug Back Conv. to GSW Conv. to Producer
- Commingled Permit #: _____
- Dual Completion Permit #: _____
- SWD Permit #: _____
- ENHR Permit #: _____
- GSW Permit #: _____

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

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
- Geologist Report Received
- UIC Distribution
- ALT I II III Approved by: _____ Date: _____

1240856

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 <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 List All E. Logs Run: _____	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
--	---

CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<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)*

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: <input type="checkbox"/> Yes <input type="checkbox"/> No
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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 <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> <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	American Warrior, Inc.
Well Name	Oeser 2
Doc ID	1240856

All Electric Logs Run

Dual IND
Dual Comp. Porosity
Micro
Sonic

ALLIED OIL & GAS SERVICES, LLC 063608

Federal Tax I.D. # 20-8651475

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

SERVICE POINT:

DATE <u>12-19-14</u>	SEC. <u>13</u>	TWP. <u>16S</u>	RANGE <u>11W</u>	CALLED OUT <u>12-19-14</u>	ON LOCATION <u>11:00 PM</u>	JOB START <u>3:00 PM</u>	JOB FINISH <u>12-20-14</u>
LEASE <u>Deser</u>		WELL # <u>2</u>		LOCATION <u>Bever SE 1/4 N</u>		COUNTY <u>Parson</u>	STATE <u>TX</u>
OLD OR NEW (Circle one) <u>NEW</u>				w/into			

CONTRACTOR <u>Duke #4</u>	OWNER _____
TYPE OF JOB <u>Rotary Plug</u>	CEMENT
HOLE SIZE _____ T.D. _____	AMOUNT ORDERED <u>255 sks 60% class A</u>
CASING SIZE _____ DEPTH _____	<u>40 x .002 44.901 1m F10</u>
TUBING SIZE _____ DEPTH _____	
DRILL PIPE <u>4 1/2</u> DEPTH <u>3331</u>	
TOOL _____ DEPTH _____	
PRES. MAX _____ MINIMUM _____	COMMON _____ @ _____
MEAS. LINE _____ SHOE JOINT _____	POZMIX _____ @ _____
CEMENT LEFT IN CSG. <u>All</u>	GEL _____ @ _____
PERFS. _____	CHLORIDE _____ @ _____
DISPLACEMENT <u>Fresh water</u>	ASC _____ @ _____
EQUIPMENT	<u>255 sk 60/46+4% @ 18.92 4,824.60</u>
	<u>\$10 64 @ 2.97 190.48</u>
	@ _____
PUMP TRUCK CEMENTER <u>Donna Chambers (602)</u>	<u>Materials Total 5,014.68</u>
# <u>398</u> HELPER <u>Brittany Lang</u>	<u>Disc 20% 1,002.94</u>
BULK TRUCK _____	@ _____
# <u>610710</u> DRIVER <u>Fedn. w/19 hours</u>	@ _____
BULK TRUCK _____	<u>Surf</u>
# _____ DRIVER _____	HANDLING <u>273.87</u> @ <u>2.48</u> <u>679.30</u>
	MILEAGE <u>11.44 x 20 x 2.75</u> <u>629.30</u>

REMARKS:

On location Rig up
1. 3331 - 50 sk
2. 400 - 50 sk
3. 500 - 100 sk
4. 410 - 10 sk
5. R17 - 30 sk
6. M14 - 15 sk
plug pump 5:30 AM 12-20-14

DEPTH OF JOB _____	
PUMP TRUCK CHARGE _____	<u>2600.17</u>
EXTRA FOOTAGE _____	@ _____
MILEAGE <u>Hum 20</u>	@ <u>7.70</u> <u>154.00</u>
MANIFOLD _____	@ _____
<u>hum 20</u>	@ <u>4.40</u> <u>88.00</u>
	@ _____

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

TOTAL 4,150.87
 Disc 20% 830.17

PLUG & FLOAT EQUIPMENT

<u>1 5/8 wad plug</u>	@ <u>110.00</u>	<u>110.00</u>
	@ _____	
	@ _____	
	@ _____	
	@ _____	

TOTAL 110.00
 Disc 20% 22.00

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

SALES TAX (If Any) _____
 TOTAL CHARGES 9,275.55
 DISCOUNT 20% 1,855.11 IF PAID IN 30 DAYS

PRINTED NAME Steve H Stephens

SIGNATURE Steve H Stephens
Thank You!

7,420.44

ALLIED OIL & GAS SERVICES, LLC 063732

Federal Tax I.D. # 20-8651475

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

SERVICE POINT:
Great Bend KS

DATE <u>12-13-14</u>	SEC <u>18</u>	TWP. <u>16</u>	RANGE <u>11</u>	CALLED OUT	ON LOCATION <u>10:30 Am</u>	JOB START <u>3:00 Pm</u>	JOB FINISH <u>3:30 Pm</u>
LEASE <u>CS&C</u>	WELL# <u>2</u>	LOCATION <u>S East Beaver To NELL0 AVE</u>			COUNTY <u>BARTON</u>	STATE <u>KS</u>	
OLD OR <u>NEW</u> (Circle one)			<u>1.2 miles north west into</u>				

CONTRACTOR <u>Duke Dullin</u>	OWNER
TYPE OF JOB <u>Surface</u>	
HOLE SIZE <u>12 1/4</u> T.D.	CEMENT
CASING SIZE <u>8 5/8 28 lbs</u> DEPTH <u>733</u>	AMOUNT ORDERED <u>200 SXS 6.5/3.5 + 6% Gel + 3% CC</u>
TUBING SIZE DEPTH	<u>1/4 flo</u>
DRILL PIPE DEPTH	<u>200 SXS Class A + 3% CC + 2% Gel</u>
TOOL DEPTH	
PRES. MAX MINIMUM	COMMON <u>200</u> @ <u>17.90</u> <u>3,580.00</u>
MEAS. LINE SHOE JOINT	POZMIX @
CEMENT LEFT IN CSG. <u>15 ft</u>	GEL <u>376</u> @ <u>.50</u> <u>188.00</u>
PERFS.	CHLORIDE <u>1086</u> @ <u>1.10</u> <u>1,194.60</u>
DISPLACEMENT <u>44.80 BBls Fresh H2O</u>	ASC @
EQUIPMENT	<u>200 SXS 6.5/3.5 + 6%</u> @ <u>19.88</u> <u>3,976.00</u>
PUMP TRUCK CEMENTER <u>Kevin Eddy</u>	<u>1/4 flo</u> @ <u>2.97</u> <u>148.50</u>
# <u>597</u> HELPER <u>Tori'Anna Allen</u>	<u>Materials Total</u> <u>9,087.10</u>
BULK TRUCK	<u>Disc 2%</u> <u>1817.42</u>
# <u>616/239</u> DRIVER <u>Kevin Weighous</u>	
BULK TRUCK	
# DRIVER <u>Patrick Walker</u>	
	HANDLING <u>446.26</u> @ <u>2.48</u> <u>1,106.72</u>
	MILEAGE <u>19.38 X 20 X 2.75</u> <u>1,065.90</u>

REMARKS:

On Location / Held Safety meeting / Rig up.
Rig Ran 733 Ft of 8 5/8 casing + float Equip.
Hook To Head and Break Circ w/ R-9 mhd.
Pump 5 Ahead Fresh H2O. mix 200 SXS 6.5/3.5 +
6% Gel + 3% CC + 1/4 flo. mix 200 SXS Class A
3% CC + 2% Gel. Release Plug. Displace 44.80
BBls Fresh H2O. Shut in. Rig Down.
Cement Oid Circ.

DEPTH OF JOB <u>733</u>	
PUMP TRUCK CHARGE <u>2058.50</u>	
EXTRA FOOTAGE @	
MILEAGE <u>20</u> @ <u>7.70</u> <u>154.00</u>	
MANIFOLD @	
<u>20</u> @ <u>4.40</u> <u>88.00</u>	
@	

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

TOTAL 4,473.12
Disc 2% 894.62

PLUG & FLOAT EQUIPMENT

<u>3 Centralizers</u>	@ <u>75.00</u>	<u>225.00</u>
<u>1 Rubber Plug</u>	@	<u>131.00</u>
	@	
	@	
	@	

TOTAL 356.00
20% 71.20

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

SALES TAX (If Any) _____
TOTAL CHARGES 13,916.22
DISCOUNT 2,783.24 IF PAID IN 30 DAYS
\$ 11,132.98

PRINTED NAME Steve H Stephens
SIGNATURE Steve H Stephens



DRILL STEM TEST REPORT

Prepared For: **American Warrior Inc**

PO Box 399
Garden City, KS 67846

ATTN: Jim Musgrove

Oeser #2

18-16s-11w Barton,KS

Start Date: 2014.12.17 @ 04:34:00

End Date: 2014.12.17 @ 10:19:00

Job Ticket #: 62037 DST #: 1

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

Printed: 2014.12.19 @ 14:27:43



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

American Warrior Inc
PO Box 399
Garden City, KS 67846
ATTN: Jim Musgrove

18-16s-11w Barton,KS
Oeser #2
Job Ticket: 62037 **DST#: 1**
Test Start: 2014.12.17 @ 04:34:00

GENERAL INFORMATION:

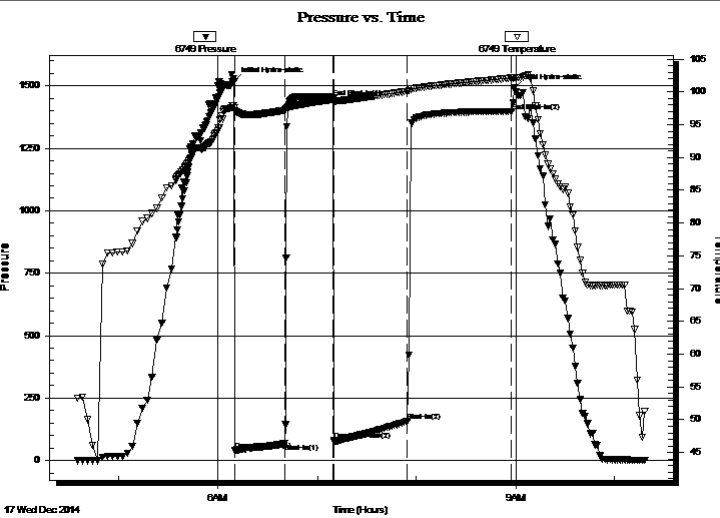
Formation: **LKC A-C**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 06:10:00
Time Test Ended: 10:19:00
Interval: **3041.00 ft (KB) To 3094.00 ft (KB) (TVD)**
Total Depth: 3094.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair
Reference Elevations: 1903.00 ft (KB)
1895.00 ft (CF)
KB to GR/CF: 8.00 ft

Serial #: 6749

Inside

Press@RunDepth: 156.54 psig @ 3090.03 ft (KB) Capacity: 8000.00 psig
Start Date: 2014.12.17 End Date: 2014.12.17 Last Calib.: 2014.12.17
Start Time: 04:35:00 End Time: 10:19:00 Time On Btm: 2014.12.17 @ 06:09:40
Time Off Btm: 2014.12.17 @ 08:59:00

TEST COMMENT: IFP 30 Minutes Fair blow built to 10"
ISI 30 Mintues No blow back
FFP 45 Minutes BOB n 16 minutes
FSI 60 Minutes Slight surface blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1516.63	97.62	Initial Hydro-static
1	42.01	97.15	Open To Flow (1)
31	68.60	97.21	Shut-In(1)
60	1453.57	98.88	End Shut-In(1)
61	80.26	98.31	Open To Flow (2)
105	156.54	100.07	Shut-In(2)
168	1397.84	102.12	End Shut-In(2)
170	1490.64	102.15	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
263.00	Slightly gas cut mud Gas 2% Mud 98%	3.69

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

American Warrior Inc
PO Box 399
Garden City, KS 67846
ATTN: Jim Musgrove

18-16s-11w Barton,KS
Oeser #2
Job Ticket: 62037 **DST#: 1**
Test Start: 2014.12.17 @ 04:34:00

Tool Information

Drill Pipe:	Length: 3036.00 ft	Diameter: 3.80 inches	Volume: 42.59 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 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: 48000.00 lb
			<u>Total Volume: 42.59 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	15.00 ft			String Weight: Initial 36000.00 lb
Depth to Top Packer:	3041.00 ft			Final 36000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	53.03 ft			
Tool Length:	73.03 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Shut-In Tool	5.00			3026.00	
Hydraulic tool	5.00			3031.00	
Top Packer	5.00			3036.00	
Packer	5.00			3041.00	20.00 Bottom Of Top Packer
Anchor	5.00			3046.00	
Change Over Sub	0.75			3046.75	
Drill Pipe	31.53			3078.28	
Change Over Sub	0.75			3079.03	
Anchor	10.00			3089.03	
Recorder	1.00	6749	Inside	3090.03	
Recorder	1.00	6663	Outside	3091.03	
Bullnose	3.00			3094.03	53.03 Anchor Tool

Total Tool Length: 73.03



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior Inc
PO Box 399
Garden City, KS 67846
ATTN: Jim Musgrove

18-16s-11w Barton,KS
Oeser #2
Job Ticket: 62037 **DST#: 1**
Test Start: 2014.12.17 @ 04:34:00

Mud and Cushion Information

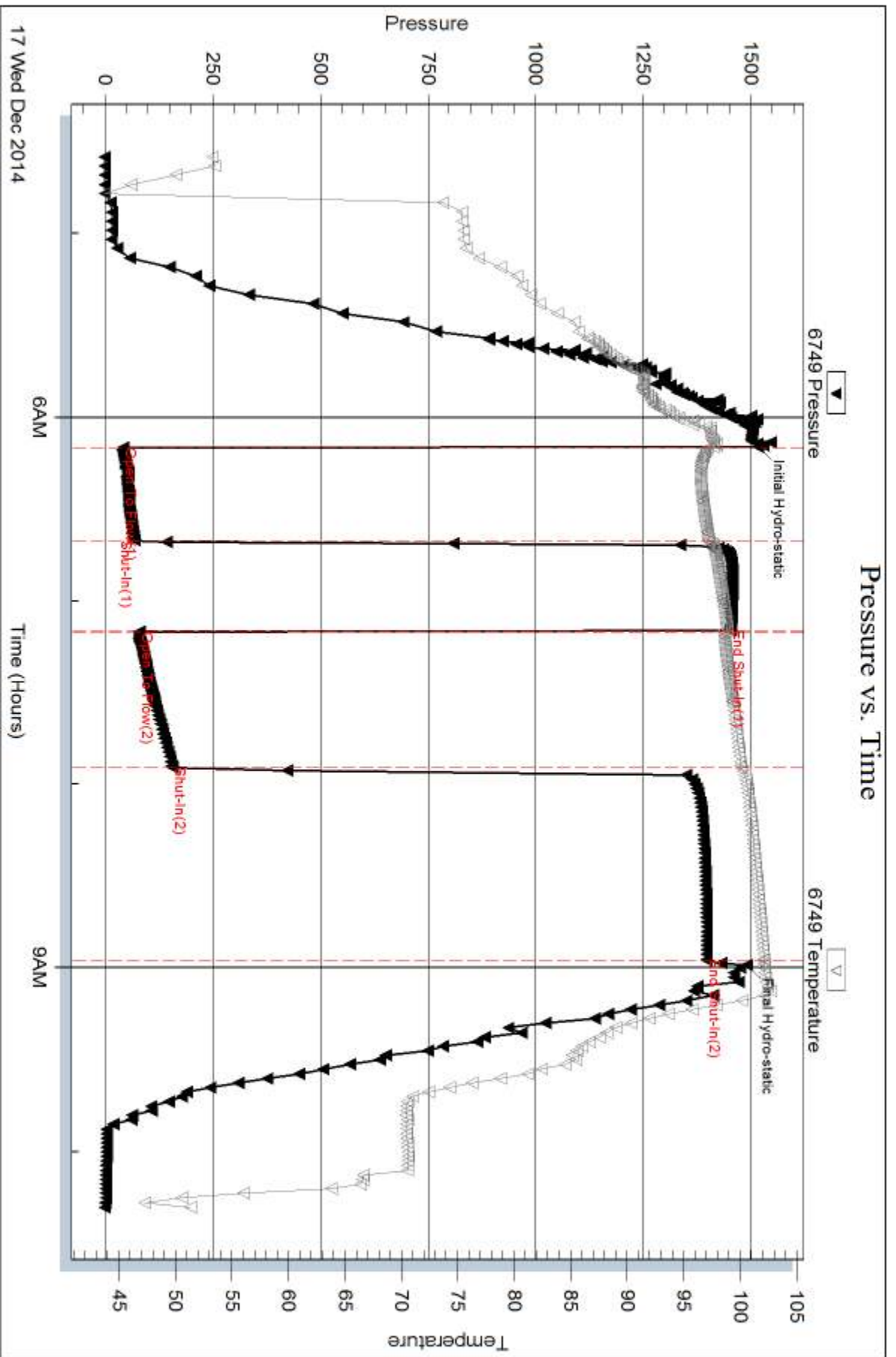
Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 51.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.98 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 5700.00 ppm			
Filter Cake: 2.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
263.00	Slightly gas cut mud Gas 2% Mud 98%	3.689

Total Length: 263.00 ft Total Volume: 3.689 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**

PO Box 399
Garden City, KS 67846

ATTN: Jim Musgrove

Oeser #2

18-16s-11w Barton,KS

Start Date: 2014.12.18 @ 03:13:00

End Date: 2014.12.18 @ 09:32:00

Job Ticket #: 63038 DST #: 2

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

Printed: 2014.12.19 @ 14:27:20



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

American Warrior Inc
 PO Box 399
 Garden City, KS 67846
 ATTN: Jim Musgrove

18-16s-11w Barton, KS
Oeser #2
 Job Ticket: 63038 **DST#: 2**
 Test Start: 2014.12.18 @ 03:13:00

GENERAL INFORMATION:

Formation: **LKC H-J**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 05:17:30
 Time Test Ended: 09:32:00
 Interval: **3170.00 ft (KB) To 3250.00 ft (KB) (TVD)**
 Total Depth: 3250.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Ken Swinney
 Unit No: S1
 Reference Elevations: 1903.00 ft (KB)
 1895.00 ft (CF)
 KB to GR/CF: 8.00 ft

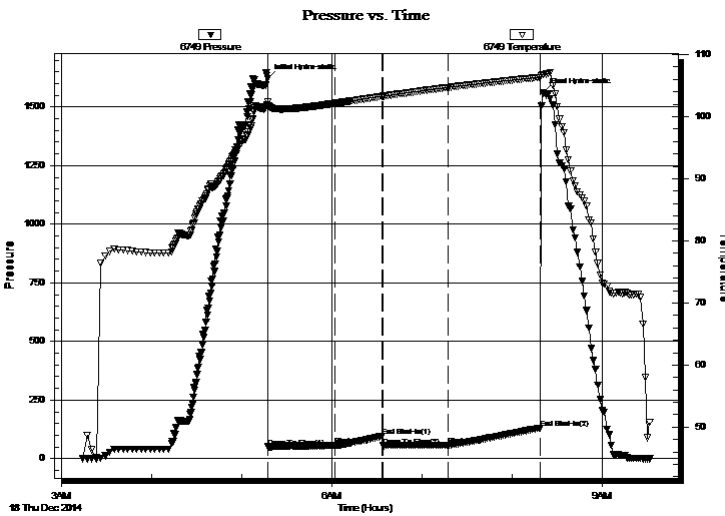
Serial #: 6749

Inside

Press@RunDepth: 58.31 psig @ 3246.20 ft (KB) Capacity: 8000.00 psig
 Start Date: 2014.12.18 End Date: 2014.12.18 Last Calib.: 2014.12.18
 Start Time: 03:14:00 End Time: 09:32:00 Time On Btm: 2014.12.18 @ 05:17:10
 Time Off Btm: 2014.12.18 @ 08:20:30

TEST COMMENT: IFP 45 Mintues Weak blow built to 4 1/2"
 ISI 30 Mintues No blow back
 FFP 45 Mintues Weak blow built to 4"
 FSI 60 Mintues No blow back

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1620.42	102.35	Initial Hydro-static
1	49.93	101.83	Open To Flow (1)
45	56.07	102.15	Shut-In(1)
76	95.44	103.27	End Shut-In(1)
77	54.87	103.29	Open To Flow (2)
120	58.31	104.70	Shut-In(2)
182	130.16	106.34	End Shut-In(2)
184	1559.39	106.81	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	45 feet of gas in pipe	0.00
15.00	Mud with show of oil/Mud 100%	0.21

Gas Rates

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



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

American Warrior Inc
 PO Box 399
 Garden City, KS 67846
 ATTN: Jim Musgrove

18-16s-11w Barton, KS
Oeser #2
 Job Ticket: 63038 **DST#: 2**
 Test Start: 2014.12.18 @ 03:13:00

GENERAL INFORMATION:

Formation: **LKC H-J**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 05:17:30
 Time Test Ended: 09:32:00
 Interval: **3170.00 ft (KB) To 3250.00 ft (KB) (TVD)**
 Total Depth: 3250.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Ken Swinney
 Unit No: S1
 Reference Elevations: 1903.00 ft (KB)
 1895.00 ft (CF)
 KB to GR/CF: 8.00 ft

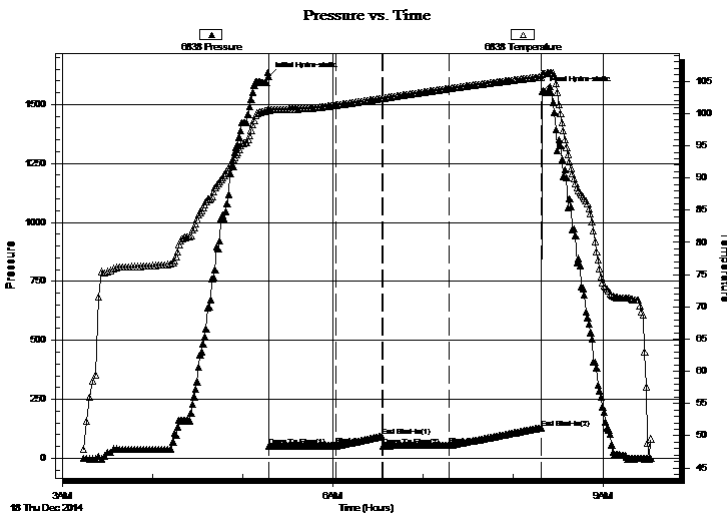
Serial #: 6838

Outside

Press@RunDepth: 129.08 psig @ 3247.20 ft (KB) Capacity: 8000.00 psig
 Start Date: 2014.12.18 End Date: 2014.12.18 Last Calib.: 2014.12.18
 Start Time: 03:14:00 End Time: 09:31:30 Time On Btm: 2014.12.18 @ 05:17:00
 Time Off Btm: 2014.12.18 @ 08:20:00

TEST COMMENT: IFP 45 Mintues Weak blow built to 4 1/2"
 ISI 30 Mintues No blow back
 FFP 45 Mintues Weak blow built to 4"
 FSI 60 Mintues No blow back

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1619.14	100.78	Initial Hydro-static
1	49.96	100.47	Open To Flow (1)
45	54.14	101.30	Shut-In(1)
76	94.61	102.36	End Shut-In(1)
77	52.88	102.39	Open To Flow (2)
120	56.37	103.88	Shut-In(2)
182	129.08	105.69	End Shut-In(2)
183	1559.03	106.17	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	45 feet of gas in pipe	0.00
15.00	Mud with show of oil/Mud 100%	0.21

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

American Warrior Inc
PO Box 399
Garden City, KS 67846
ATTN: Jim Musgrove

18-16s-11w Barton,KS
Oeser #2
Job Ticket: 63038 **DST#: 2**
Test Start: 2014.12.18 @ 03:13:00

Tool Information

Drill Pipe:	Length: 3162.00 ft	Diameter: 3.80 inches	Volume: 44.35 bbl	Tool Weight:	2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 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:	40000.00 lb
			<u>Total Volume: 44.35 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	12.00 ft			String Weight: Initial	37000.00 lb
Depth to Top Packer:	3170.00 ft			Final	38000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	80.20 ft				
Tool Length:	100.20 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			3155.00	
Hydraulic tool	5.00			3160.00	
Top Packer	5.00			3165.00	
Packer	5.00			3170.00	20.00 Bottom Of Top Packer
Anchor	5.00			3175.00	
Change Over Sub	0.75			3175.75	
Drill Pipe	31.70			3207.45	
Change Over Sub	0.75			3208.20	
Anchor	37.00			3245.20	
Recorder	1.00	6749	Inside	3246.20	
Recorder	1.00	6838	Outside	3247.20	
Bullnose	3.00			3250.20	80.20 Anchor Tool

Total Tool Length: 100.20



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior Inc
PO Box 399
Garden City, KS 67846
ATTN: Jim Musgrove

18-16s-11w Barton,KS
Oeser #2
Job Ticket: 63038 **DST#: 2**
Test Start: 2014.12.18 @ 03:13:00

Mud and Cushion Information

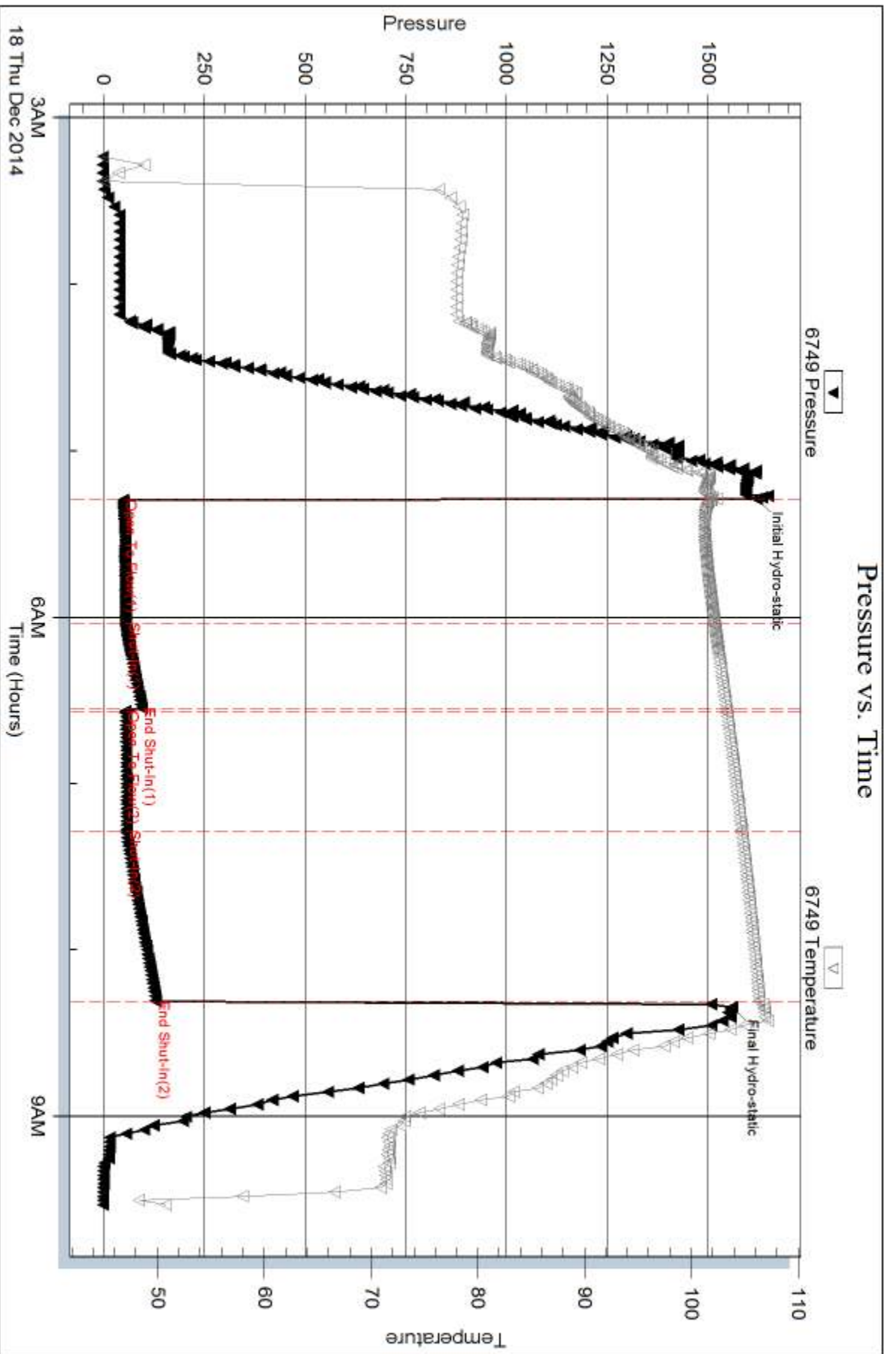
Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 51.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.99 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 5700.00 ppm			
Filter Cake: 2.00 inches			

Recovery Information

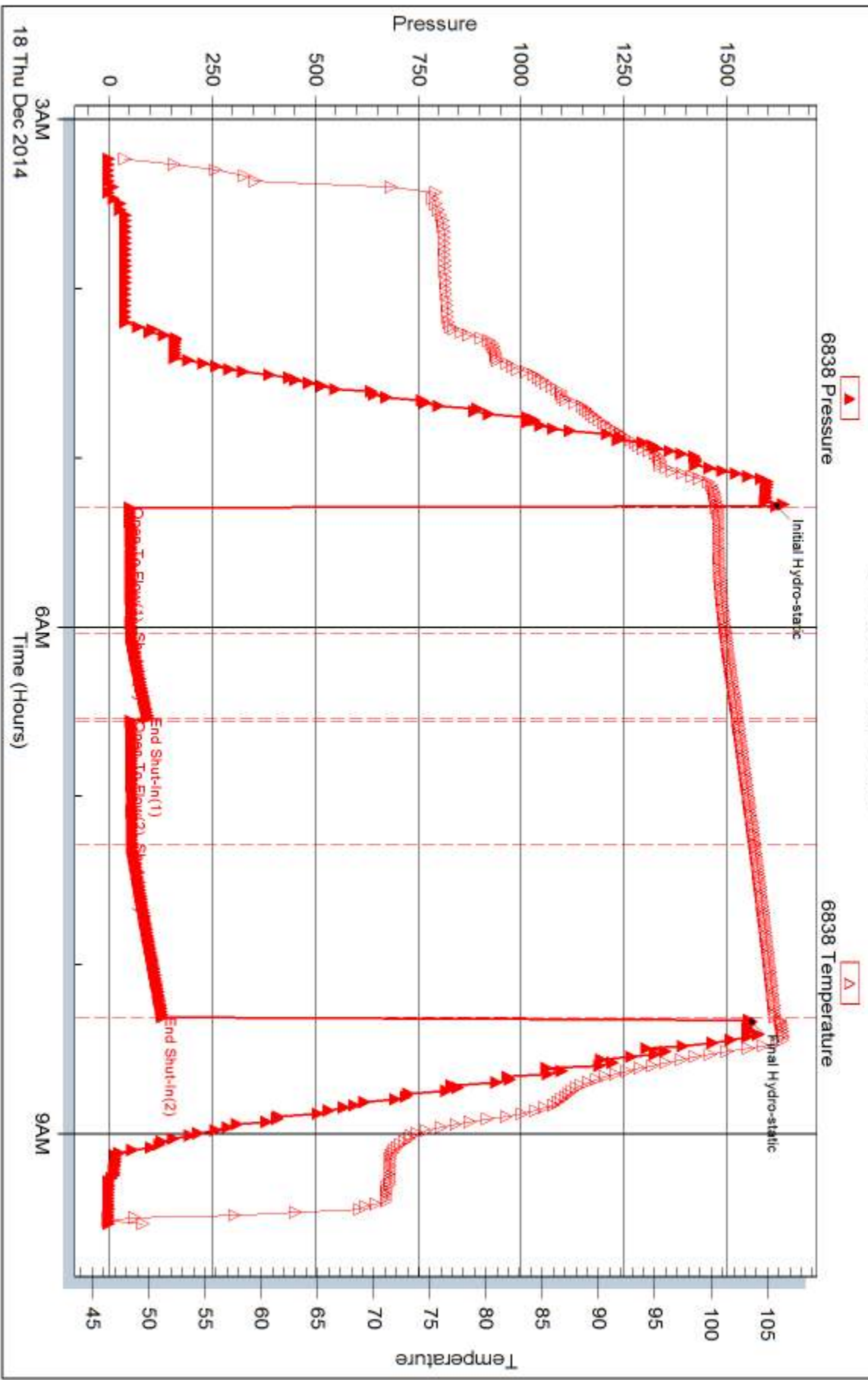
Recovery Table

Length ft	Description	Volume bbl
0.00	45 feet of gas in pipe	0.000
15.00	Mud with show of oil/Mud 100%	0.210

Total Length: 15.00 ft Total Volume: 0.210 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:



Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **American Warrior Inc**

PO Box 399
Garden City, KS 67846

ATTN: Jim Musgrove

Oeser #2

18-16s-11w Barton,KS

Start Date: 2014.12.19 @ 02:44:00

End Date: 2014.12.19 @ 07:44:30

Job Ticket #: 62039 DST #: 3

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

Printed: 2014.12.19 @ 14:26:49



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

American Warrior Inc
 PO Box 399
 Garden City, KS 67846
 ATTN: Jim Musgrove

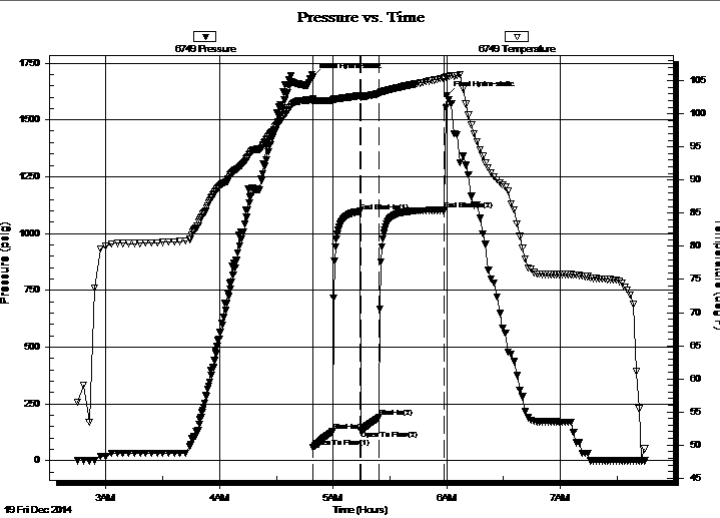
18-16s-11w Barton,KS
Oeser #2
 Job Ticket: 62039 **DST#: 3**
 Test Start: 2014.12.19 @ 02:44:00

GENERAL INFORMATION:

Formation: **Arbuckle**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 04:49:30
 Time Test Ended: 07:44:30
 Interval: **3301.00 ft (KB) To 3361.00 ft (KB) (TVD)**
 Total Depth: 3361.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Ken Swinney
 Unit No: S1
 Reference Elevations: 1903.00 ft (KB)
 1895.00 ft (CF)
 KB to GR/CF: 8.00 ft

Serial #: 6749 Inside
 Press@RunDepth: 190.62 psig @ 3357.10 ft (KB) Capacity: 8000.00 psig
 Start Date: 2014.12.19 End Date: 2014.12.19 Last Calib.: 2014.12.19
 Start Time: 02:45:00 End Time: 07:44:30 Time On Btm: 2014.12.19 @ 04:49:10
 Time Off Btm: 2014.12.19 @ 06:00:00

TEST COMMENT: IFP 10 Minutes BOB in 4 minutes 30 seconds
 ISI 15 Minutes No blow back
 FFP 10 Minutes BOB in 5 minutes
 FSI 30 Minutes No blow back



PRESSURE SUMMARY			
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1688.28	102.24	Initial Hydro-static
1	58.25	101.86	Open To Flow (1)
11	128.07	102.01	Shut-In(1)
26	1097.03	102.79	End Shut-In(1)
26	132.11	102.46	Open To Flow (2)
36	190.62	103.06	Shut-In(2)
70	1102.68	105.40	End Shut-In(2)
71	1605.84	105.61	Final Hydro-static

Recovery		
Length (ft)	Description	Volume (bbl)
315.00	WM with show of oil Water 30% Mud 70%	4.42

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



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

American Warrior Inc
 PO Box 399
 Garden City, KS 67846
 ATTN: Jim Musgrove

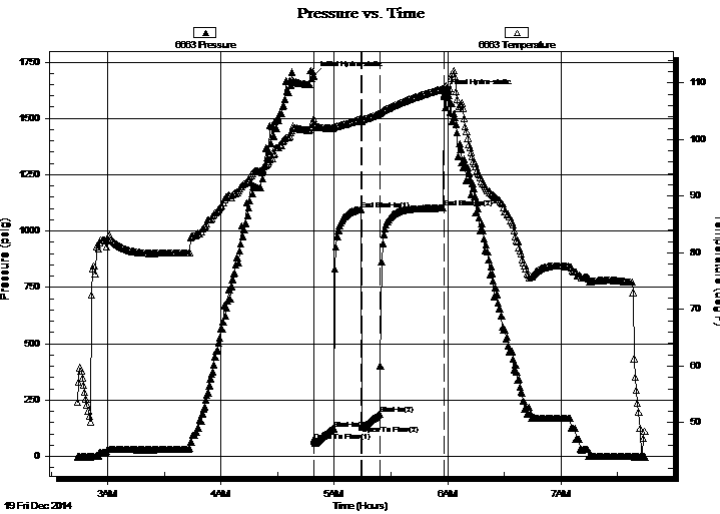
18-16s-11w Barton, KS
Oeser #2
 Job Ticket: 62039 **DST#: 3**
 Test Start: 2014.12.19 @ 02:44:00

GENERAL INFORMATION:

Formation: **Arbuckle**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 04:49:30
 Time Test Ended: 07:44:30
 Interval: **3301.00 ft (KB) To 3361.00 ft (KB) (TVD)**
 Total Depth: 3361.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Ken Swinney
 Unit No: S1
 Reference Elevations: 1903.00 ft (KB)
 1895.00 ft (CF)
 KB to GR/CF: 8.00 ft

Serial #: 6663 Outside
 Press@RunDepth: 1102.29 psig @ 3358.10 ft (KB) Capacity: 8000.00 psig
 Start Date: 2014.12.19 End Date: 2014.12.19 Last Calib.: 2014.12.19
 Start Time: 02:44:01 End Time: 07:44:36 Time On Btm: 2014.12.19 @ 04:49:06
 Time Off Btm: 2014.12.19 @ 05:58:12

TEST COMMENT: IFP 10 Minutes BOB in 4 minutes 30 seconds
 ISI 15 Minutes No blow back
 FFP 10 Minutes BOB in 5 minutes
 FSI 30 Minutes No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1688.27	103.69	Initial Hydro-static
1	66.53	102.91	Open To Flow (1)
11	122.08	102.05	Shut-In(1)
26	1096.76	103.69	End Shut-In(1)
26	138.20	103.23	Open To Flow (2)
35	188.36	104.61	Shut-In(2)
69	1102.29	109.00	End Shut-In(2)
70	1608.53	109.16	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
315.00	WM with show of oil Water 30% Mud 70%	4.42

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

American Warrior Inc
PO Box 399
Garden City, KS 67846
ATTN: Jim Musgrove

18-16s-11w Barton,KS
Oeser #2
Job Ticket: 62039 **DST#: 3**
Test Start: 2014.12.19 @ 02:44:00

Tool Information

Drill Pipe:	Length: 3287.00 ft	Diameter: 3.80 inches	Volume: 46.11 bbl	Tool Weight:	2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 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:	48000.00 lb
			<u>Total Volume: 46.11 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	6.00 ft			String Weight: Initial	40000.00 lb
Depth to Top Packer:	3301.00 ft			Final	41000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	60.10 ft				
Tool Length:	80.10 ft				
Number of Packers:	2	Diameter: 6.75 inches			

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Shut-In Tool	5.00			3286.00	
Hydraulic tool	5.00			3291.00	
Top Packer	5.00			3296.00	
Packer	5.00			3301.00	20.00 Bottom Of Top Packer
Anchor	5.00			3306.00	
Change Over Sub	0.75			3306.75	
Drill Pipe	31.60			3338.35	
Change Over Sub	0.75			3339.10	
Anchor	17.00			3356.10	
Recorder	1.00	6749	Inside	3357.10	
Recorder	1.00	6663	Outside	3358.10	
Bullnose	3.00			3361.10	60.10 Anchor Tool

Total Tool Length: 80.10



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior Inc
PO Box 399
Garden City, KS 67846
ATTN: Jim Musgrove

18-16s-11w Barton,KS
Oeser #2
Job Ticket: 62039 **DST#: 3**
Test Start: 2014.12.19 @ 02:44:00

Mud and Cushion Information

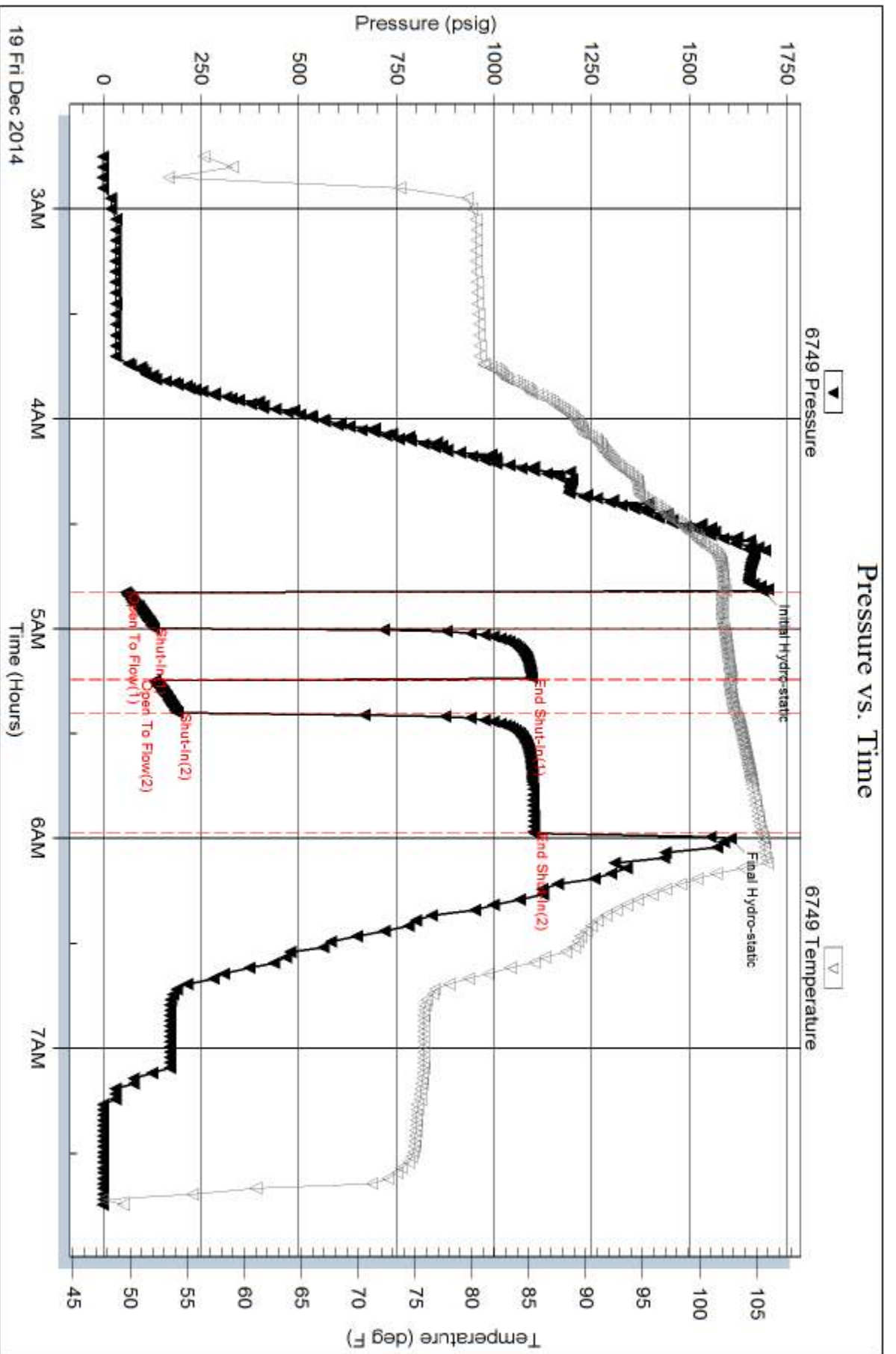
Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	11000 ppm
Viscosity: 57.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.98 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 6500.00 ppm			
Filter Cake: 2.00 inches			

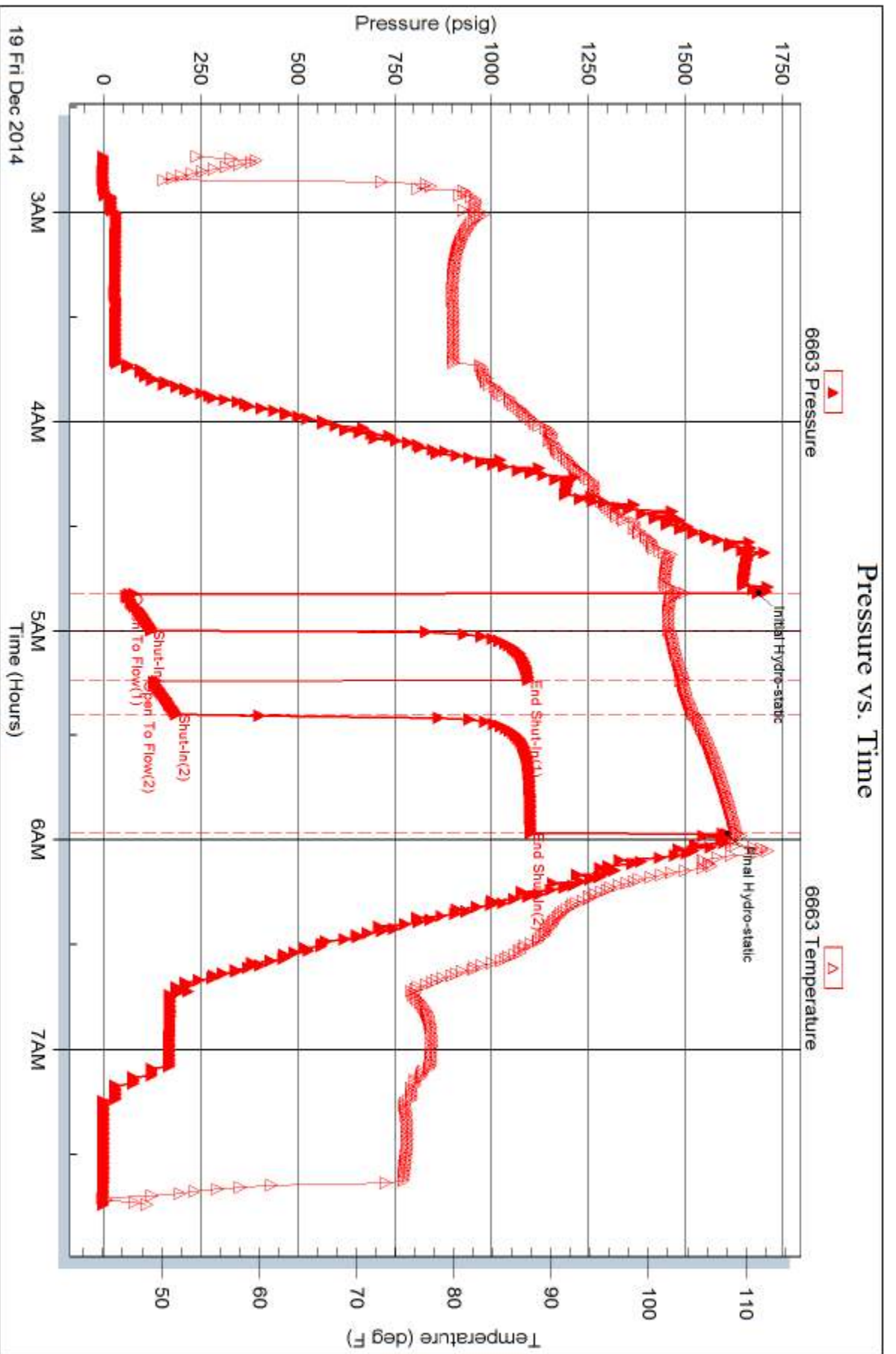
Recovery Information

Recovery Table

Length ft	Description	Volume bbl
315.00	WM with show of oil Water 30% Mud 70%	4.419

Total Length: 315.00 ft Total Volume: 4.419 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:







TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 62037

Well Name & No. Deser # 2 Test No. 1 Date 12 Dec 14
 Company American Warrior Incorporated Elevation 1903 KB 1895 GL
 Address 3118 Cummings Road PO Box 399 Garden City Kansas 67846
 Co. Rep / Geo. Jim Musgrove Rig Duke Rig #8
 Location: Sec. 18 Twp. 16 S Rge. 11 W Co. Barton State KS

Interval Tested 3041-3094 Zone Tested Lansing/Kansas City cones A-C
 Anchor Length 53 Drill Pipe Run 3036 Mud Wt. 9.2
 Top Packer Depth 3036 Drill Collars Run 0 Vis 51
 Bottom Packer Depth 3041 Wt. Pipe Run 0 WL 8.0
 Total Depth 3094 Chlorides 5700 ppm System LCM 0
 Blow Description Fair blow/ Blow built to 10 inches
No blow back
Good blow/ Blow built to bottom of bucket in 16 minutes
Slight surface blow back

Rec	Feet of	%gas	%oil	%water	%mud
<u>263</u>	<u>Slightly gas cut mud</u>	<u>2</u>			<u>98</u>
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total _____ BHT _____ Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic 1516 Test 1150 T-On Location 1:45 am
 (B) First Initial Flow 40 Jars _____ T-Started 4:34 am
 (C) First Final Flow 68 Safety Joint _____ T-Open 6:11 am
 (D) Initial Shut-In 1453 Circ Sub _____ T-Pulled 8:56 am
 (E) Second Initial Flow 80 Hourly Standby _____ T-Out 10:10 am
 (F) Second Final Flow 156 Mileage 62 96.10 Comments _____
 (G) Final Shut-In 1397 Sampler _____
 (H) Final Hydrostatic 1490 Straddle _____
 Ruined Shale Packer _____
 Ruined Packer _____
 Extra Copies _____
 Initial Open 30 Extra Packer _____ Sub Total 0
 Initial Shut-In 30 Extra Recorder _____ Total 1246.10
 Final Flow 45 Day Standby _____ MP/DST Disc't _____
 Final Shut-In 60 Accessibility _____
 Sub Total 1246.10

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. 62038

Well Name & No. Oeser # 2 Test No. 2 Date 18 Dec 14
 Company American Warrior Incorporated Elevation 1903 KB 1895 GL
 Address 3118 Cummings Road PO Box 399 Garden City, Kansas 67846
 Co. Rep / Geo. Jim Musgrave Rig Duke Rig #8
 Location: Sec. 18 Twp. 16S Rge. 11W Co. Barton State KS

Interval Tested 3170 - 3250 Zone Tested Lansing/Kansas City zones H-J
 Anchor Length 80 Drill Pipe Run 3162 Mud Wt. 9.2
 Top Packer Depth 3165 Drill Collars Run 0 Vis 5-1
 Bottom Packer Depth 3170 Wt. Pipe Run 0 WL 8.0
 Total Depth 3250 Chlorides 5700 ppm System LCM 0
 Blow Description Weak blow/Blow built to 4 1/2 inches
No blow back
Weak blow/Blow built to 4 inches

Rec	Feet of	%gas	%oil	%water	%mud
<u>15</u>	<u>mud with show of oil</u>			<u>100</u>	
<u>45</u>	<u>gas in pipe</u>	<u>100</u>			

Rec Total 60 BHT 107 Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic 1620 Test 1150 T-On Location 2:30 am
 (B) First Initial Flow 49 Jars _____ T-Started 3:13 am
 (C) First Final Flow 56 Safety Joint _____ T-Open 5:18 am
 (D) Initial Shut-In 95 Circ Sub _____ T-Pulled 8:18 am
 (E) Second Initial Flow 54 Hourly Standby _____ T-Out 9:35 am
 (F) Second Final Flow 58 Mileage 62 96.10 Comments _____
 (G) Final Shut-In 130 Sampler _____
 (H) Final Hydrostatic 1559 Straddle _____ Ruined Shale Packer _____
 Shale Packer _____ Ruined Packer _____
 Extra Packer _____ Extra Copies _____
 Initial Open 45 Extra Recorder _____ Sub Total 0
 Initial Shut-In 30 Day Standby _____ Total 1246.10
 Final Flow 45 Accessibility _____ MP/DST Disc't _____
 Final Shut-In 60 Sub Total 1246.10

Our Representative [Signature]

Approved By _____

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. 62039

Well Name & No. Oeser #2 Test No. 3 Date 19 Dec 14
 Company American Warrior Incorporated Elevation 1903 KB 1895 GL
 Address 3118 Cummings Road PO Box 399 Garden City, KS 67846
 Co. Rep / Geo. Jim Masgrove Rig Duke #8
 Location: Sec. 18 Twp. 16S Rge. 11W Co. Beaton State KS

Interval Tested 3301-3361 Zone Tested Arbuckle
 Anchor Length 60 Drill Pipe Run 3287 Mud Wt. 9.4
 Top Packer Depth 3296 Drill Collars Run 0 Vis 57
 Bottom Packer Depth 3301 Wt. Pipe Run 0 WL 8.0
 Total Depth 3361 Chlorides 6500 ppm System LCM 0

Blow Description Good blow/Blow built to bottom of bucket in 4 minutes 30 seconds
No blow back
Good blow/Blow built to bottom of bucket in 5 minutes
No blow back

Rec	Feet of	%gas	%oil	%water	%mud
<u>315</u>	<u>Watery mud with show of oil</u>			<u>30</u>	<u>70</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 315 BHT 106 Gravity _____ API RW _____ @ _____ °F Chlorides 11,000 ppm

(A) Initial Hydrostatic <u>1688</u>	<input type="checkbox"/> Test <u>1150</u>	T-On Location <u>1:30 am</u>
(B) First Initial Flow <u>58</u>	<input type="checkbox"/> Jars _____	T-Started <u>2:41 am</u>
(C) First Final Flow <u>128</u>	<input type="checkbox"/> Safety Joint _____	T-Open <u>4:50 am</u>
(D) Initial Shut-In <u>1097</u>	<input type="checkbox"/> Circ Sub _____	T-Pulled <u>5:55 am</u>
(E) Second Initial Flow <u>132</u>	<input type="checkbox"/> Hourly Standby _____	T-Out <u>7:44 am</u>
(F) Second Final Flow <u>190</u>	<input checked="" type="checkbox"/> Mileage <u>62</u> 96.10	Comments _____
(G) Final Shut-In <u>1102</u>	<input type="checkbox"/> Sampler _____	_____
(H) Final Hydrostatic <u>1605</u>	<input type="checkbox"/> Straddle _____	<input type="checkbox"/> Ruined Shale Packer _____

Initial Open <u>10</u>	<input type="checkbox"/> Shale Packer _____	<input type="checkbox"/> Ruined Packer _____
Initial Shut-In <u>15</u>	<input type="checkbox"/> Extra Packer _____	<input type="checkbox"/> Extra Copies _____
Final Flow <u>10</u>	<input type="checkbox"/> Extra Recorder _____	Sub Total <u>0</u>
Final Shut-In <u>30</u>	<input type="checkbox"/> Day Standby _____	Total <u>1246.10</u>
	<input type="checkbox"/> Accessibility _____	MP/DST Disc't _____
	Sub Total <u>1246.10</u>	

Approved By _____ Our Representative [Signature]

TriLOBITE Testing Inc. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.

JAMES C. MUSGROVE
Petroleum Geologist, LLC
212 Main Street
P.O. Box 215
Clatfin, KS 67525

Office (620) 588-4250

Res. Clatfin (620) 587-3444

American Warrior Inc.
Oeser #2
NE-NW-SE-SE (1154' FSL & 892' FEL)
Section 18-16s-11w
Barton County, Kansas

Page 1

Dry and Abandoned

Contractor: Duke Drilling Co. (rig #8)
Commenced: December 12, 2014
Completed: December 19, 2014
Elevation: 1903' K.B., 1901' D.F., 1895' G.L.
Casing program: Surface; 8 5/8" @ 733'
Production, 5 1/2" @ None
Sample: Samples saved and examined 2800' to the Rotary Total Depth.
Drilling time: One (1) foot drilling time recorded and kept 2800 ft. to the Rotary Total Depth.
Measurements: All depths measured from the Kelly Bushing.
Drill Stem Tests: There were three (3) Drill Stem Tests ran by Trilobite Testing Co.
Electric Log: By Pioneer: Dual Induction, Dual Compensated Porosity Log, Micro and Sonic Log.

<u>Formation</u>	<u>Log Depth</u>	<u>Sub-Sea Datum</u>
Anhydrite	728	+1175
Base Anhydrite	755	+1148
Heebner	2944	-1041
Toronto	2960	-1057
Douglas	2974	-1071
Brown Lime	3035	-1132
Lansing	3053	-1150
Base Kansas City	3313	-1410
Conglomerate	3318	-1415
Arbuckle	3352	-1449
Quartzite	3428	-1525
Rotary Total Depth	3461	-1558
Log Total Depth	3461	-1558

(All tops and zones corrected to Electric Log Measurement)

SAMPLE ANALYSIS, SHOWS OF OIL, TESTING DATA, ETC.

TOPEKA SECTION

2886-2900' Limestone, cream; finely crystalline, sub-oomoldic, chalky; poor visible porosity, trace stain, no free oil and no odor in fresh samples.

TORONTO SECTION

2960-2973' Limestone, white, gray, slightly fossiliferous, chalky, few dolomitic at base; no shows.

LANSING SECTION

3053-3060' Limestone, white, oolitic, sub-oomoldic, chalky, brown stain, show of free oil, fair to good odor in fresh samples.

3066-3070' Limestone, as above; trace stain, no free oil and fair odor in fresh samples.

3083-3096' Limestone, gray, white, oolitic, oomoldic, fair porosity, brown to golden brown stain, show of free oil and faint odor in fresh samples.

Drill Stem Test #1

3041-3094

Times: 30-30-45-60

Blow: Fair

Recovery: 263' slightly gas cut mud

Pressures:	ISIP	1453	psi
	FSIP	1398	psi
	IFP	42-68	psi
	FFP	80-156	psi
	HSH	1517-1494	psi

3100-3111' Limestone, white, gray, oolitic, fossiliferous, chalky; poor visible porosity, plus gray, opaque chert.

3140-3150' Limestone, white, cream, finely crystalline, oomoldic, fair oomoldic porosity, trace brown stain, trace of free oil and no odor.

3156-3164' Limestone, white, gray, oomoldic, fair oomoldic porosity, no shows.

3184-3196' Limestone, tan, gray, oomoldic, good oomoldic porosity, good stain and saturation, good show of free oil and good odor in fresh samples.

3210-3217' Limestone, white, finely crystalline, oolitic, chalky, trace brown stain, trace of free oil and no odor in fresh samples.

3221-3228' Limestone, as above.
3245-3250' Limestone, white, gray, sub-oolitic, chalky, no shows.

Drill Stem Test #2 3170-3250

Times: 45-30-45-60
Blow: Weak to fair
Recovery: 45' gas in pipe
15' mud, show of oil
Pressures: ISIP 95 psi
FSIP 130 psi
IFP 49-56 psi
FFP 54-58 psi
HSH 1620-1559 psi

3256-3265' Limestone, white, gray, finely crystalline, fossiliferous, chalky, poor visible porosity, no shows.

CONGLOMERATE SECTION

3318-3330' Chert, white, gray, maroon, oolitic, boney.
3330-3352' Chert, gray, white, boney, oolitic, opaque, plus white/gray translucent chert, few weathered, trace stain, no free oil and no odor in fresh samples.

ARBUCKLE SECTION

3353-3361' Dolomite, white, gray, medium crystalline, scattered inter-crystalline porosity, brown stain, show of free oil and good odor in fresh samples.

Drill Stem Test #3 3301-3361

Times: 10-15-10-30
Blow: Strong
Recovery: 315' muddy water, show of oil
Pressures: ISIP 1097 psi
FSIP 1102 psi
IFP 58-128 psi
FFP 132-190 psi
HSH 1688-1605 psi

3361-3380' Dolomite, white, gray, cream, finely crystalline, sandy, fair porosity, fair to good odor, no shows.
3380-3390' Dolomite, as above, fair to faint odor, no shows of oil.

American Warrior Inc.
Oeser #2
NE-NW-SE-SE (1154' FSL & 892' FEL)
Section 18-16s-11w
Barton County, Kansas

Page 4

3390-3400' Dolomite, white, finely crystalline, few cherty, glauconitic, dense, no shows.
3400-3410' Dolomite, as above, highly sandy; plus iron pyrite.
3410-3428' Dolomite, as above, no shows.

QUARTZITE SECTION

3428-3450' Quartz, clean, angular, few rounded, black/green/red micaceous inclusions, plus iron pyrite, no shows.
3450-3461' Quartz, as above, abundant loose iron pyrite crystals, no shows.

Rotary Total Depth: 3461
Log Total Depth: 3461

Recommendations:
The Oeser #2, was plugged and abandoned at the Rotary Total Depth 3461.

Respectfully Submitted,


James C. Musgrove
Petroleum Geologist

