



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1172358
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: _____



1172358

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

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<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> _____
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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> _____ <i>(Submit ACO-4)</i>	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	American Warrior, Inc.
Well Name	Eulert 18-35
Doc ID	1172358

Tops

Name	Top	Datum
Anhy	869'	+942
B/Anhy	903'	+908
Topeka	2656'	-945
Heebner	2908'	-1097
Toronto	2928'	-1117
Lansing	2961'	-1150
B/KC	3212'	-1401
Arbuckle	3263'	-1452

JAMES C. MUSGROVE

Petroleum Geologist
212 Main Street
P.O. Box 215
Claflin, KS 67525

Office (620) 588-4250

Res. Claflin (620) 587-3444

American Warrior Inc.
Eulert #18-35
SE-NW-SW-SW (900' FSL & 625' FWL)
Section 35-11s-15w
Russell County, Kansas
Page 1

5 1/2" Production Casing Set

Contractor: Duke Drilling Co. (Rig #8)
Commenced: October 28, 2013
Completed: November 5, 2013
Elevation: 1811' K.B; 1809' D.F; 1803' G.L.
Casing program: Surface; 8 5/8" @ 861'
Production; 5 1/2" @ 3365'
Sample: Samples saved and examined 2600' to the Rotary Total Depth.
Drilling time: One (1) foot drilling time recorded and kept 2600 ft. to the Rotary Total Depth.
Measurements: All depths measured from the Kelly Bushing.
Drill Stem Tests: There were four (4) Drill Stem Tests ran by Trilobite Testing Co.
Electric Log: By Pioneer Energy Services; Dual Induction, Dual Compensated Porosity & Micro Log.

<u>Formation</u>	<u>Log Depth</u>	<u>Sub-Sea Datum</u>
Anhydrite	869	+942
Base Anhydrite	903	+908
Topeka	2656	-945
Heebner	2908	-1097
Toronto	2928	-1117
Lansing	2961	-1150
Base Kansas City	3212	-1401
Arbuckle	3263	-1452
Rotary Total Depth	3366	-1555
Log Total Depth	3369	-1558

(All tops and zones corrected to Electric Log measurements).

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

TOPEKA SECTION

2690-2698' Limestone; tan, finely crystalline, slightly dolomitic, fair pinpoint and finely vuggy type porosity, fair dark brown stain and saturation, show of free oil and faint odor in fresh samples.

2868-2886' Limestone; white to gray, finely crystalline, scattered fair to good pinpoint type porosity, fair stain and saturation, show of free oil and fair odor in fresh samples.

TORONTO SECTION

2930-2936' Limestone; white, chalky, scattered porosity, trace brown stain, show of free oil and faint odor, plus gray opaque chert.

LANSING SECTION

2961-2971' Limestone; gray, tan, finely crystalline, finely fossiliferous, fair to good porosity, good stain and saturation, show of free oil and faint to fair odor in fresh samples.

2981-2994' Limestone; tan, finely crystalline, fossiliferous, oolitic, chalky, fair stain, show of free oil and faint odor in fresh samples.

Drill Stem Test #1 **2904-3000'**

Times: 30-30-45-60

Blow: Strong

Recovery: 126' gas in pipe
(3% gas, 2% oil, 85% mud)
63' very slightly oil cut gassy muddy water
(3% gas, 2% oil, 35% water, 60% mud)
108' very slightly oil cut gassy mud

Pressures: ISIP 537 psi
FSIP 541 psi
IFP 54-94 psi
FFP 100-124 psi
HSH 1491-1440 psi

3001-3012' Limestone; white, gray, fossiliferous, oolitic, fair to good porosity, good stain and saturation, good show of free oil and fair to good odor in fresh samples.

3027-3031' Limestone; as above.

Drill Stem Test #2 **2999-3035'**

Times: 30-30-45-60

Blow: Strong

Recovery: 519' gas in pipe
20' gassy oil
25' slightly oil cut muddy water
(5% oil, 35% water, 60% mud)
63' very slightly oil cut muddy water
(2% oil 68% water, 30% mud)
252' muddy water, scum of oil

Pressures: ISIP 257 psi
FSIP 259 psi

IFP 28-112 psi
 FFP 127-181 psi
 HSH 1518-1440 psi

- 3045-3054' Limestone; white to gray, sub oomoldic, oolitic, scattered porosity, trace brown stain, no free oil and faint odor in fresh samples.
- 3060-3069' Limestone; as above, trace brown stain, no show of free oil, questionable odor.
- 3098-3110' Limestone; white, finely crystalline, fossiliferous, spotty brown stain, no show of free oil and no odor in fresh samples.
- 3118-3122' Limestone; white to gray, oolitic, chalky in part, scattered porosity, fair golden brown stain, trace of free oil and faint odor in fresh samples.
- 3147-3154' Limestone; tan to brown, finely crystalline, slightly fossiliferous, scattered porosity, dark brown stain, show of free oil and odor in fresh samples.

Drill Stem Test #3 3111-3160'

Times: 30-30-45-60
 Blow: Strong
 Recovery: 315' gas in pipe
 94' slightly oil and gas cut mud
 (20% gas, 5% oil, 75% mud)
 Pressures: ISIP 177 psi
 FSIP 292 psi
 IFP 33-45 psi
 FFP 53-54 psi
 HSH 1622-1557 psi

- 3175-3178' Limestone; white, finely oomoldic, fair oomoldic porosity, brown stain, show of free oil and faint odor in fresh samples.
- 3200-3205' Limestone; white, oolitic, chalky, poor porosity, fair brown stain, show of free oil and faint odor in fresh samples.

Drill Stem Test #4 3160-3215'

Times: 30-30-45-60
 Blow: Fair
 Recovery: 94' gas in pipe
 31' slightly oil and gas cut mud
 (5% gas, 5% oil, 90% mud)
 Pressures: ISIP 234 psi
 FSIP 358 psi
 IFP 31-30 psi
 FFP 32-35 psi
 HSH 1656-1589 psi

ARBUCKLE SECTION

3263-3266' Dolomite; tan, sucrosic, finely crystalline, scattered porosity, good stain and saturation, show of free oil and good odor.

Drill Stem Test #5 3221-3266'

- Misrun -

3266-3294' Dolomite; white to cream, fine and medium crystalline, poor to fair intercrystalline porosity, light brown stain, show of free oil and faint odor in fresh samples.

3294-3310' Dolomite; white, tan, sucrosic, poor pinpoint porosity, golden brown stain, show of free oil and fair odor in fresh samples.

3310-3330' Dolomite; white/cream, finely crystalline, poor scattered porosity, light brown stain, show of free oil and faint odor.

3330-3350' Dolomite; white, finely crystalline, poor visible porosity, light brown to black stain, show of free oil and faint odor.

3350-3368' Dolomite; white, cream, finely crystalline, poor scattered porosity, light brown and black stain, no free oil and no odor, trace white opaque chert.

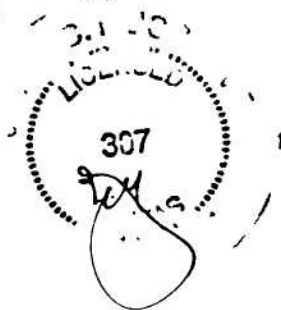
Rotary Total Depth 3366
Log Total Depth 3368

Recommendations:

5 1/2" production casing was set and cemented on the Eulert #18-35.

Respectfully submitted;

James C. Musgrove & Wyatt Urban
James C. Musgrove and
Wyatt Urban,
Petroleum Geologists



ALLIED OIL & GAS SERVICES, LLC 061952

Federal Tax I.D. # 20-8651475

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

SERVICE POINT:
Great Bend

DATE 10-29-13	SEC 35	TWP. 11	RANGE 15	CALLED OUT	ON LOCATION	JOB START <i>6:30 PM</i>	JOB FINISH <i>7:00 PM</i>
LEASE <i>Euler</i>	WELL # 15-35	LOCATION <i>North Russell to mullard Rd</i>			COUNTY Russell	STATE KS	
OLD OR NEW (Circle one)				<i>NEW, 3N, 15E, 35</i>			

CONTRACTOR **Duke 8**

TYPE OF JOB *Surface*

HOLE SIZE 12 1/4	T.D.
CASING SIZE 8 1/2	DEPTH 861.60
TUBING SIZE	DEPTH
DRILL PIPE 4 1/2	DEPTH
TOOL	DEPTH
PRES. MAX	MINIMUM
MEAS. LINE	SHOE JOINT
CEMENT LEFT IN CSG. 70 FT	
PERFS.	
DISPLACEMENT 53.57 bbls fresh water	

EQUIPMENT

PUMP TRUCK # 398	CEMENTER <i>Josh Isaac</i>
	HELPER <i>Ben McEl</i>
BULK TRUCK # 344-170	DRIVER <i>Duncasper</i>
BULK TRUCK # 378	DRIVER <i>Tommy Tijenna</i>

OWNER

CEMENT

AMOUNT ORDERED **275 65/35 60lb**
3% cc 1/4 flt
200 sls class A 3% cc 2% gel

COMMON 200	@ 17.90	3580.00
POZMIX	@	
GEL 4	@ 23.40	93.60
CHLORIDE 16	@ 64.00	1024.00
ASC	@	
<i>flashed</i> 69	@ 2.97	204.93
<i>275 sls lite wt 6%</i>	@ 15.95	4386.25
	@	
	@	
	@	
	@	
HANDLING 532.98	@ 2.48	1320.55
MILEAGE 22.94 x 20 x	2.60	1192.80
TOTAL		11802.21

REMARKS:

*in location - Rig up - had set up pump
run 850 casing, Break circulation w/ 24 min
pressure at 500 psi, pump 10 bbls water
mix 275 sls 65/35 60lb gel 3% cc 1/4 flt
mix 200 sls class A 3% cc 2% gel
Drop plug
Displace 53.57 bbls water
Shot in, cement did circulate
Rig down*

SERVICE

DEPTH OF JOB		
PUMP TRUCK CHARGE	2058.25	
EXTRA FOOTAGE	@	
MILEAGE Num 20	@ 7.70	154.00
MANIFOLD	@	
Num 20	@ 4.40	88.00
	@	
TOTAL		2300.50

CHARGE TO: *American Warrior*

STREET _____

CITY _____ STATE _____ ZIP _____

PLUG & FLOAT EQUIPMENT

<i>Rubber plug</i>	@ 131.04	131
	@	
	@	
	@	
	@	

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

PRINTED NAME *Steve H. Stephens*

SIGNATURE *[Signature]*

Thank you!!

SALES TAX (If Any) _____

TOTAL CHARGES **14,237.21**

DISCOUNT **2,450.00**

11,787.21 IF PAID IN 30 DAYS



CHARGE TO: *American Warrior Inc.*
 ADDRESS:
 CITY, STATE, ZIP CODE:

TICKET 25157

PAGE 1 OF 2

SERVICE LOCATIONS:
 1. *Hays, Ks.*
 2. *Ness City, Ks.*
 3.
 4.

WELL/PROJECT NO. *18-35* LEASE *Eulert* COUNTY/PARISH *Russell* STATE *Ks* CITY
 DATE *11-5-13* OWNER *same*

TICKET TYPE SERVICE SALES CONTRACTOR *Duke #8* RIG NAME/NO. SHIPPED VIA *C.T* DELIVERED TO *Location* ORDER NO.

WELL TYPE *oil* WELL CATEGORY *Development* JOB PURPOSE *Longstring* WELL PERMIT NO. WELL LOCATION

REFERRAL LOCATION INVOICE INSTRUCTIONS

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
575		1			MILEAGE #111	80	mi			6 ⁰⁰	360 ⁰⁰
578		1			Pump Charge (Longstring)	1	ea	3367	'	1500 ⁰⁰	1500 ⁰⁰
221		1			KCL	2	gal			25 ⁰⁰	50 ⁰⁰
281		1			Mud flush	500	gal			1 ²⁵	625 ⁰⁰
290		1			D-Air	2	gal			42 ⁰⁰	84 ⁰⁰
402		1			Centralizers	9	ea	5 1/2	"	70 ⁰⁰	630 ⁰⁰
403		1			Basket	1	ea			300 ⁰⁰	300 ⁰⁰
406		1			LD Plug + Baffle	1	ea			275 ⁰⁰	275 ⁰⁰
407		1			Insert Float shoe w/kill	1	ea			375 ⁰⁰	375 ⁰⁰

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

X *Steve A. Stephens*
 DATE SIGNED *11-6-13* TIME SIGNED *0050* A.M. P.M.

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

SURVEY	AGREE	UN-DECIDED	DIS-AGREE		
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?				PAGE TOTAL	4199 ⁰⁰
WE UNDERSTOOD AND MET YOUR NEEDS?				page 2	5805 ⁵⁰
OUR SERVICE WAS PERFORMED WITHOUT DELAY?				sub total	9404 ⁵⁰
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?				Russell TAX 1.15%	5.26 ⁶¹
ARE YOU SATISFIED WITH OUR SERVICE?	<input type="checkbox"/> YES	<input type="checkbox"/> NO		TOTAL	9931 ¹¹
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND					



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

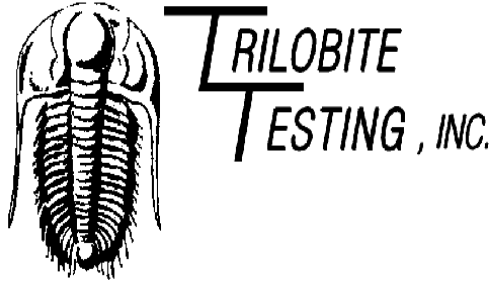
TICKET CONTINUATION

TICKET No. 26157

CUSTOMER American Warrior Inc
WELL #18-35 Emlert
DATE 11-5-13
PAGE 2 OF 2

PRICE REFERENCE	SECONDARY REFERENCE / PART NUMBER	ACCOUNTING			TIME	DESCRIPTION	QTY.		U.M.		UNIT PRICE	AMOUNT	
		LOC	ACCT	DF			QTY.	U.M.	QTY.	U.M.			
325		2				Standard Cement	175	sk			14 ⁵⁰	2757	50
276		2				Flocele	50	#	14	#/sk	2 ⁵⁰	125	00
283		2				Salt	900	#	10	%	20	180	00
284		2				Calseal	8	sk	5	%	35 ⁰⁰	280	00
292		2				Halad-322	125	#	34	%	8 ⁰⁰	1000	00
581		2				SERVICE CHARGE	175	sk			2 ⁰⁰	350	00
583		2				MILEAGE CHARGE					1 ⁰⁰	733	00
						TOTAL WEIGHT	18325						
						LOADED MILES	80						
						TON MILES			733				

CONTINUATION TOTAL 5805 50



DRILL STEM TEST REPORT

Prepared For: **American Warrior Inc**

PO Box 399
Garden City KS 67545

ATTN: Jim Musgrove

Eulert #18-35

35-11s-15w

Start Date: 2013.11.02 @ 01:54:44

End Date: 2013.11.02 @ 09:02:14

Job Ticket #: 52549 DST #: 1

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

Printed: 2013.11.07 @ 10:18:16



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

American Warrior Inc
 PO Box 399
 Garden City KS 67545
 ATTN: Jim Musgrove

35-11s-15w
Eulert #18-35
 Job Ticket: 52549 **DST#: 1**
 Test Start: 2013.11.02 @ 01:54:44

GENERAL INFORMATION:

Formation: **LKC A-C**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 04:34:44
 Time Test Ended: 09:02:14
 Interval: **2904.00 ft (KB) To 3000.00 ft (KB) (TVD)**
 Total Depth: 3000.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Jeff Brown
 Unit No: 67
 Reference Elevations: 1811.00 ft (KB)
 1803.00 ft (CF)
 KB to GR/CF: 8.00 ft

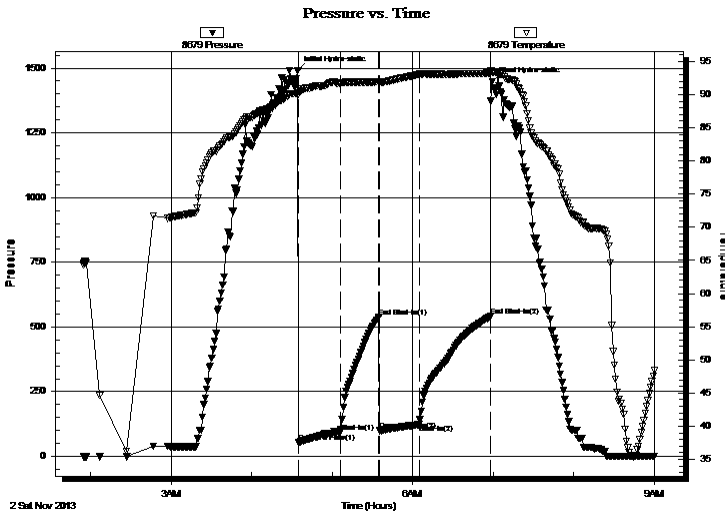
Serial #: 8679

Inside

Press @ Run Depth: 123.69 psig @ 2972.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2013.11.02 End Date: 2013.11.02 Last Calib.: 2013.11.02
 Start Time: 01:54:45 End Time: 09:00:14 Time On Btm: 2013.11.02 @ 04:34:14
 Time Off Btm: 2013.11.02 @ 06:59:14

TEST COMMENT: IFP-Good blow BOB in 9-1/2 min
 ISI-Dead no blow back
 FFP-Good blow BOB in 21 min
 FSI-Dead no blow back

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1491.22	90.33	Initial Hydro-static
1	53.59	90.06	Open To Flow (1)
32	94.54	91.72	Shut-In(1)
61	537.34	91.95	End Shut-In(1)
61	99.68	91.77	Open To Flow (2)
91	123.69	93.05	Shut-In(2)
144	540.60	93.24	End Shut-In(2)
145	1448.46	93.37	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
63.00	VSOCGWM 3%G 2%O 35%W 60%M	0.88
108.00	VSOCM 3%G 2%O 95%M	1.51
0.00	126-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
PO Box 399
Garden City KS 67545
ATTN: Jim Musgrove

35-11s-15w
Eulert #18-35
Job Ticket: 52549 **DST#: 1**
Test Start: 2013.11.02 @ 01:54:44

Tool Information

Drill Pipe:	Length: 2912.00 ft	Diameter: 3.80 inches	Volume: 40.85 bbl	Tool Weight:	2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer:	20000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose:	44000.00 lb
			<u>Total Volume: 40.85 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	28.00 ft			String Weight: Initial	36000.00 lb
Depth to Top Packer:	2904.00 ft			Final	38000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	96.00 ft				
Tool Length:	116.00 ft				
Number of Packers:	2	Diameter: 6.88 inches			

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
-------------------------	--------------------	-------------------	-----------------	-------------------	-----------------------

Change Over Sub	1.00			2885.00	
Shut In Tool	5.00			2890.00	
Hydraulic tool	5.00			2895.00	
Packer	4.00			2899.00	20.00 Bottom Of Top Packer
Packer	5.00			2904.00	
Stubb	1.00			2905.00	
Perforations	2.00			2907.00	
Change Over Sub	1.00			2908.00	
Drill Pipe	63.00			2971.00	
Change Over Sub	1.00			2972.00	
Recorder	0.00	6625	Outside	2972.00	
Recorder	0.00	8679	Inside	2972.00	
Perforations	24.00			2996.00	
Bullnose	4.00			3000.00	96.00 Bottom Packers & Anchor

Total Tool Length: 116.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior Inc
PO Box 399
Garden City KS 67545
ATTN: Jim Musgrove

35-11s-15w
Eulert #18-35
Job Ticket: 52549 **DST#: 1**
Test Start: 2013.11.02 @ 01:54:44

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: 59.00 sec/qt	Cushion Volume: bbl		
Water Loss: 5.39 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 3600.00 ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
63.00	VSOCGWM 3%G 2%O 35%W 60%M	0.884
108.00	VSOCM 3%G 2%O 95%M	1.515
0.00	126-GIP	0.000

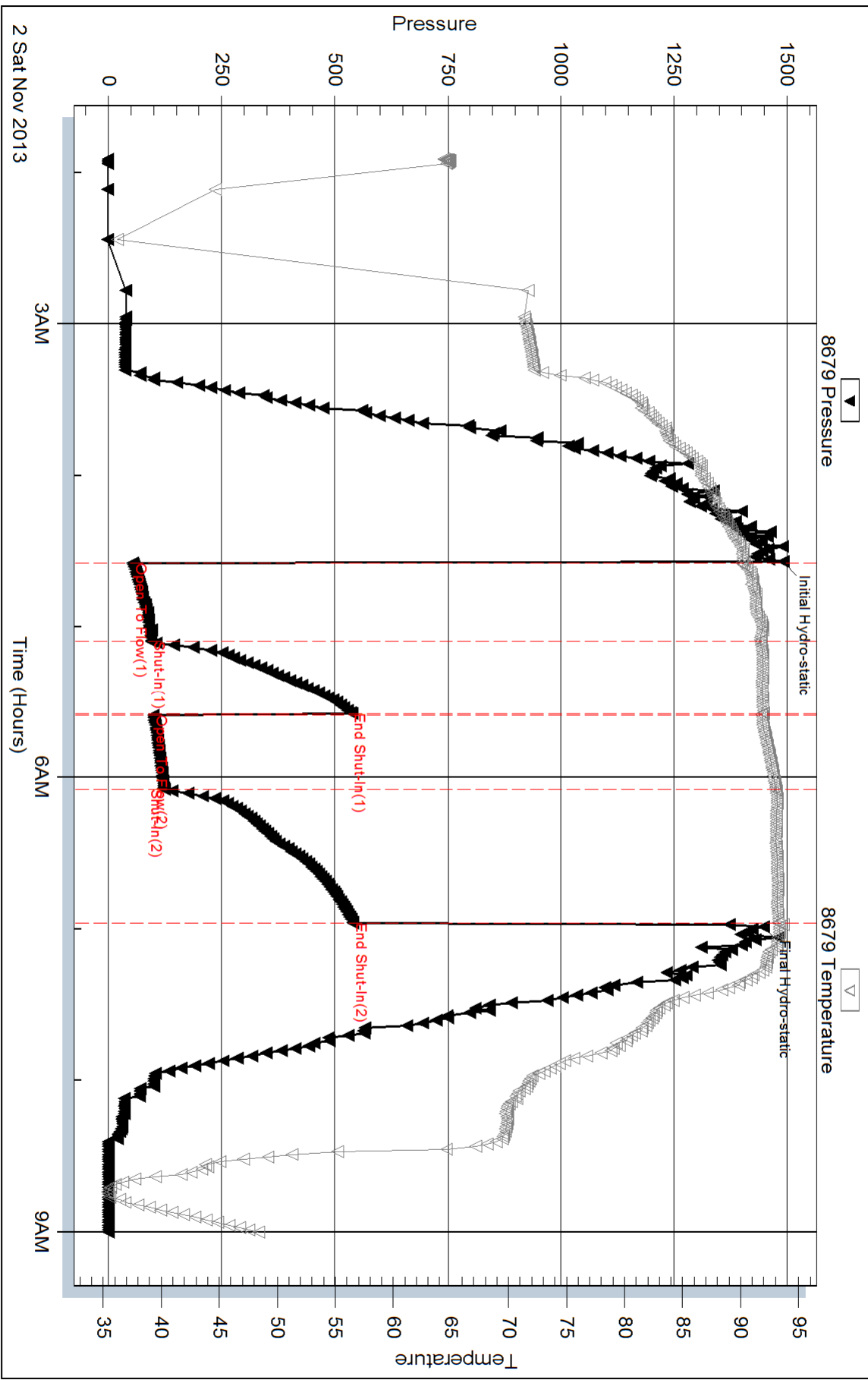
Total Length: 171.00 ft Total Volume: 2.399 bbl

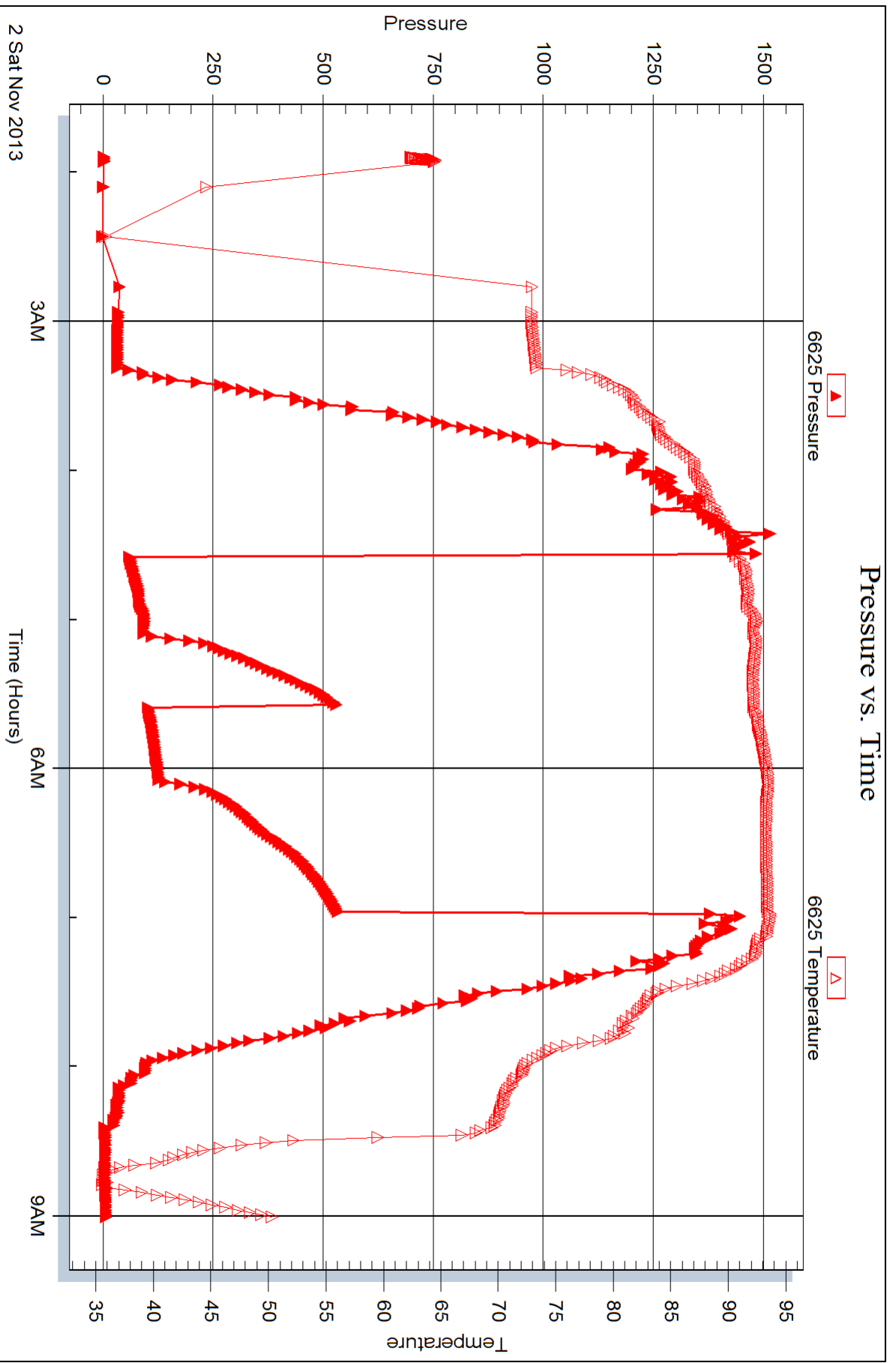
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

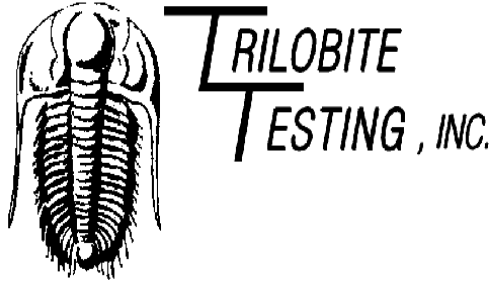
Laboratory Name: Laboratory Location:

Recovery Comments:

Pressure vs. Time







DRILL STEM TEST REPORT

Prepared For: **American Warrior Inc**

PO Box 399
Garden City KS 67545

ATTN: Jim Musgrove

Eulert #18-35

35-11s-15w

Start Date: 2013.11.02 @ 19:18:58

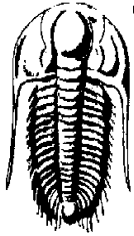
End Date: 2013.11.03 @ 02:48:58

Job Ticket #: 52550 DST #: 2

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

Printed: 2013.11.07 @ 10:16:59

American Warrior Inc
35-11s-15w
Eulert #18-35
DST # 2
LKC D
2013.11.02



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

American Warrior Inc
 PO Box 399
 Garden City KS 67545
 ATTN: Jim Musgrove

35-11s-15w
Eulert #18-35
 Job Ticket: 52550 **DST#: 2**
 Test Start: 2013.11.02 @ 19:18:58

GENERAL INFORMATION:

Formation: **LKC D**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 21:09:28
 Time Test Ended: 02:48:58
 Interval: **2999.00 ft (KB) To 3035.00 ft (KB) (TVD)**
 Total Depth: 3035.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Jeff Brown
 Unit No: 67
 Reference Elevations: 1811.00 ft (KB)
 1803.00 ft (CF)
 KB to GR/CF: 8.00 ft

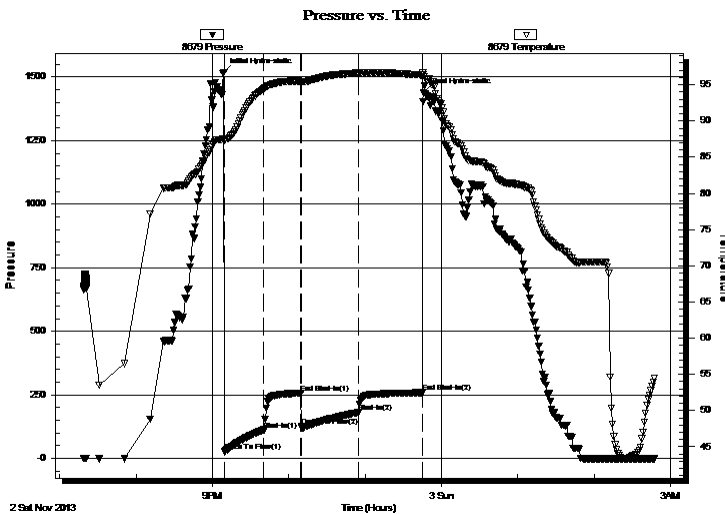
Serial #: 8679

Inside

Press @ Run Depth: 180.60 psig @ 3002.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2013.11.02 End Date: 2013.11.03 Last Calib.: 2013.11.03
 Start Time: 19:18:59 End Time: 02:47:58 Time On Btm: 2013.11.02 @ 21:08:58
 Time Off Btm: 2013.11.02 @ 23:45:58

TEST COMMENT: IFP-Strong blow BOB in 4 1/2 min
 ISI-Fair blow Back built to 6 1/2"
 FFP-Good blow BOB in 8 min
 FSI-Fair blow back built to 5"

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1518.21	87.58	Initial Hydro-static
1	27.62	87.32	Open To Flow (1)
31	112.29	94.40	Shut-In(1)
61	256.85	95.47	End Shut-In(1)
61	126.90	95.38	Open To Flow (2)
106	180.60	96.63	Shut-In(2)
156	259.20	96.33	End Shut-In(2)
157	1440.21	96.40	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
252.00	MW with a scum of oil 10%M 90%W	3.53
63.00	VSO CMW 2%O 30%M 68%W	0.88
25.00	SOCWM 5%O 35%W 60%M	0.35
20.00	Gassy Oil 10%G 90%O	0.28
0.00	519=GIP	0.00

* Recovery from multiple tests

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 67545
 ATTN: Jim Musgrove

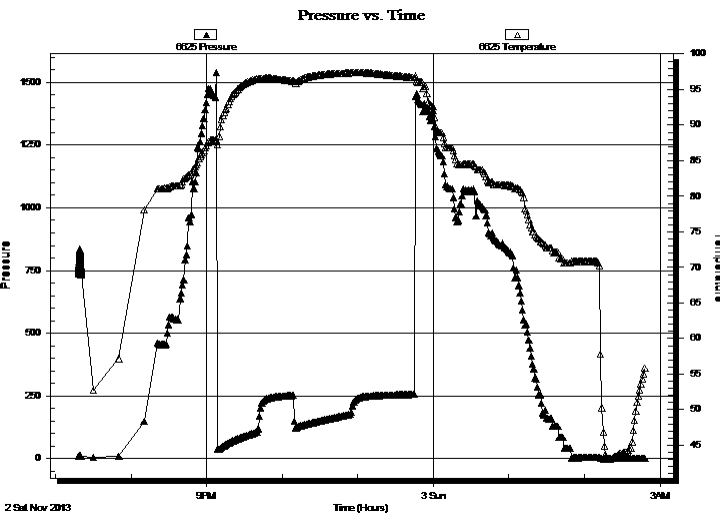
35-11s-15w
Eulert #18-35
 Job Ticket: 52550 **DST#: 2**
 Test Start: 2013.11.02 @ 19:18:58

GENERAL INFORMATION:

Formation: **LKC D**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 21:09:28
 Time Test Ended: 02:48:58
 Interval: **2999.00 ft (KB) To 3035.00 ft (KB) (TVD)**
 Total Depth: 3035.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Jeff Brown
 Unit No: 67
 Reference Elevations: 1811.00 ft (KB)
 1803.00 ft (CF)
 KB to GR/CF: 8.00 ft

Serial #: 6625 Outside
 Press @ Run Depth: psig @ 3002.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2013.11.02 End Date: 2013.11.03 Last Calib.: 2013.11.03
 Start Time: 19:18:22 End Time: 02:48:21 Time On Btm:
 Time Off Btm:

TEST COMMENT: IFP-Strong blow BOB in 4 1/2 min
 ISI-Fair blow Back built to 6 1/2"
 FFP-Good blow BOB in 8 min
 FSI-Fair blow back built to 5"



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
252.00	MW with a scum of oil 10%M 90%W	3.53
63.00	VSO CMW 2%O 30%M 68%W	0.88
25.00	SOC MW 5%O 35%W 60%M	0.35
20.00	Gassy Oil 10%G 90%O	0.28
0.00	519=GIP	0.00

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

American Warrior Inc
PO Box 399
Garden City KS 67545
ATTN: Jim Musgrove

35-11s-15w
Eulert #18-35
Job Ticket: 52550 **DST#: 2**
Test Start: 2013.11.02 @ 19:18:58

Tool Information

Drill Pipe:	Length: 3006.00 ft	Diameter: 3.80 inches	Volume: 42.17 bbl	Tool Weight:	2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer:	20000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose:	44000.00 lb
			<u>Total Volume: 42.17 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	27.00 ft			String Weight: Initial	36000.00 lb
Depth to Top Packer:	2999.00 ft			Final	38000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	36.00 ft				
Tool Length:	56.00 ft				
Number of Packers:	2	Diameter: 6.88 inches			

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
-------------------------	--------------------	-------------------	-----------------	-------------------	-----------------------

Change Over Sub	1.00			2980.00	
Shut In Tool	5.00			2985.00	
Hydraulic tool	5.00			2990.00	
Packer	4.00			2994.00	20.00 Bottom Of Top Packer
Packer	5.00			2999.00	
Stubb	1.00			3000.00	
Perforations	2.00			3002.00	
Recorder	0.00	6625	Outside	3002.00	
Recorder	0.00	8679	Inside	3002.00	
Perforations	29.00			3031.00	
Bullnose	4.00			3035.00	36.00 Bottom Packers & Anchor

Total Tool Length: 56.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior Inc
PO Box 399
Garden City KS 67545
ATTN: Jim Musgrove

35-11s-15w
Eulert #18-35
Job Ticket: 52550 **DST#: 2**
Test Start: 2013.11.02 @ 19:18:58

Mud and Cushion Information

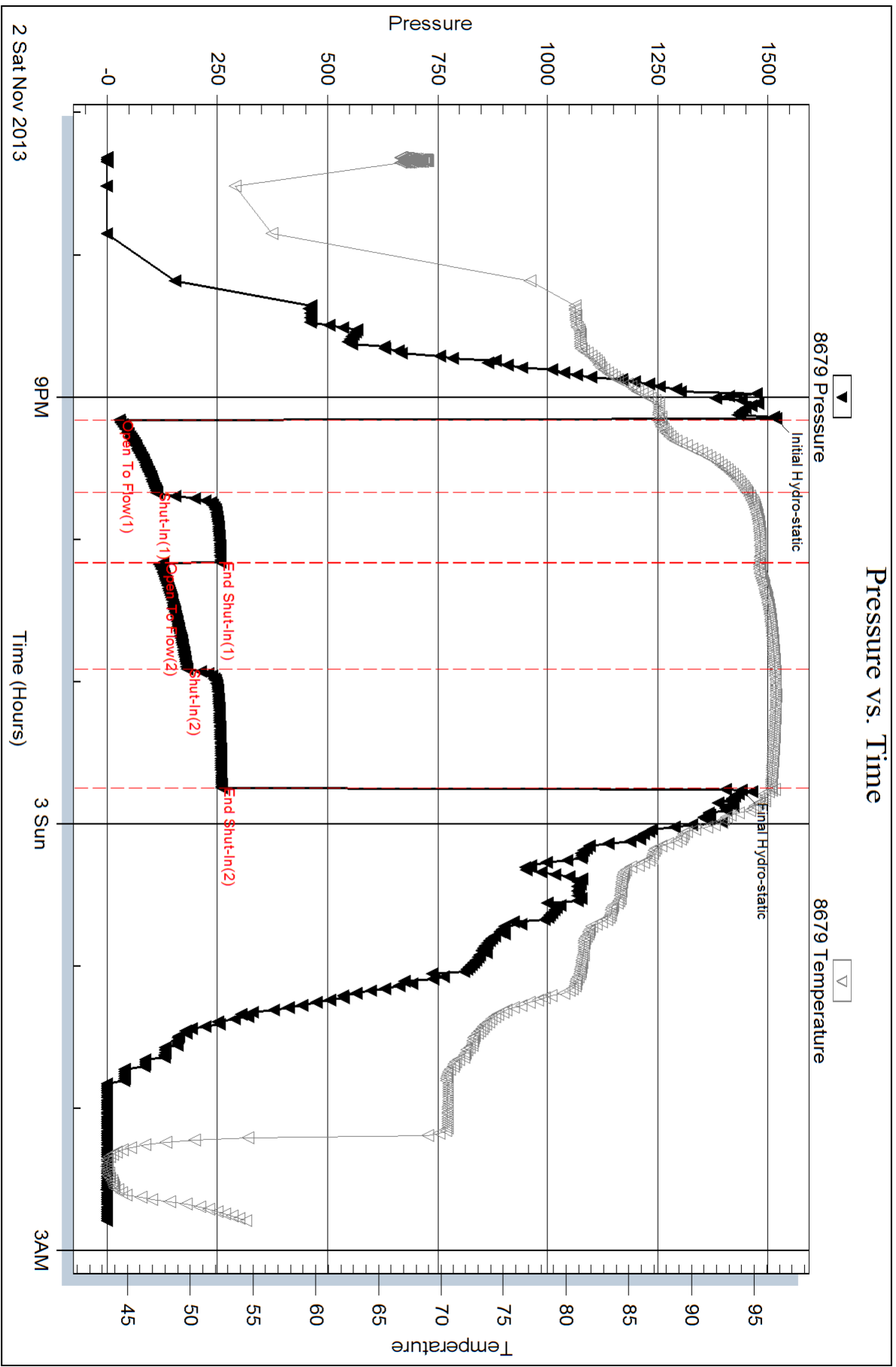
Mud Type: Gel Chem	Cushion Type:	Oil API: 38 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity: ppm
Viscosity: 60.00 sec/qt	Cushion Volume: bbl	
Water Loss: 5.79 in ³	Gas Cushion Type:	
Resistivity: ohm.m	Gas Cushion Pressure: psig	
Salinity: 3500.00 ppm		
Filter Cake: inches		

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
252.00	MW with a scum of oil 10%M 90%W	3.535
63.00	VSOCMW 2%O 30%M 68%W	0.884
25.00	SOCWM 5%O 35%W 60%M	0.351
20.00	Gassy Oil 10%G 90%O	0.281
0.00	519=GIP	0.000

Total Length: 360.00 ft Total Volume: 5.051 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:

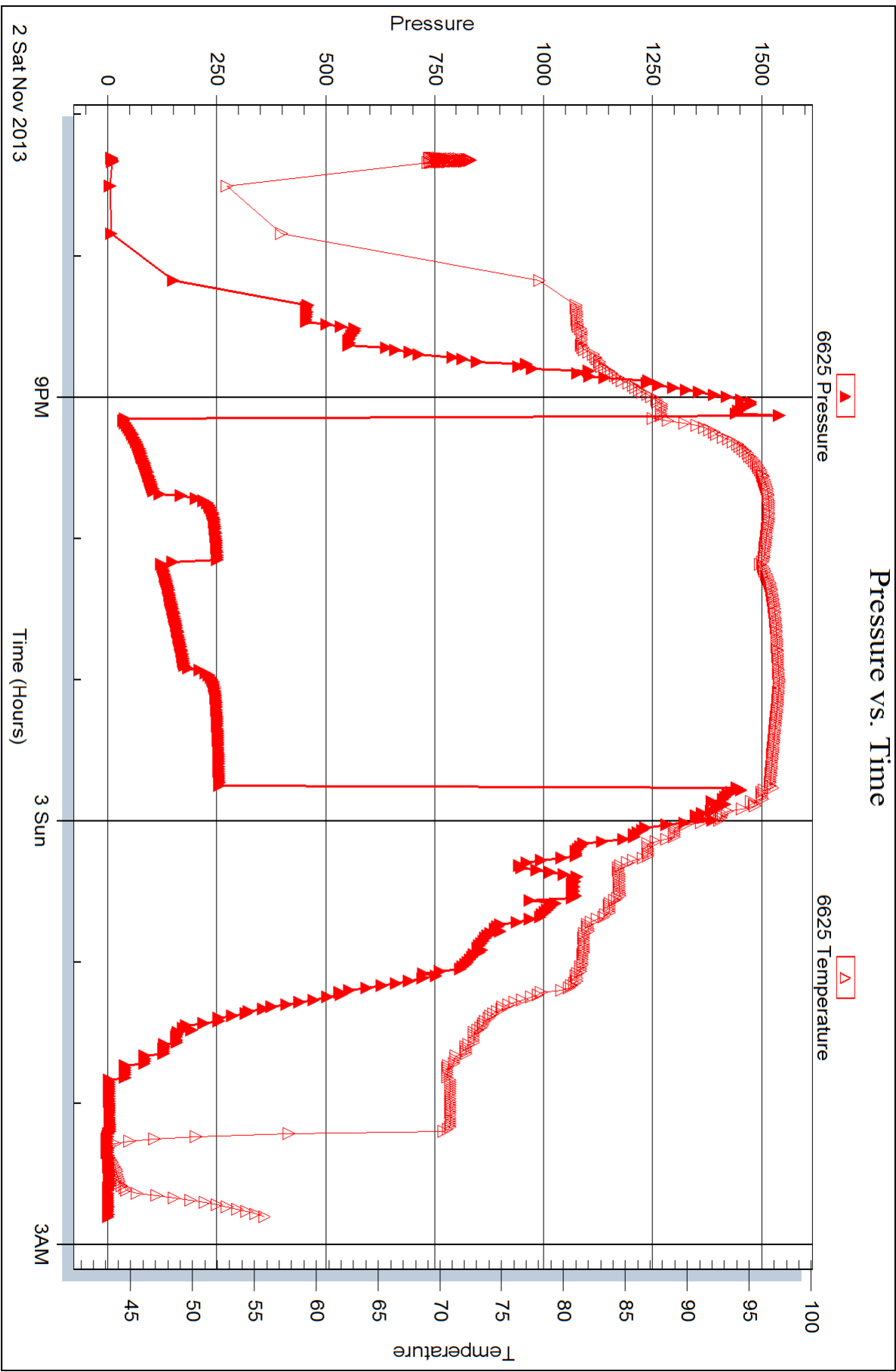


Serial #: 6625

Outside American Warrior Inc

Eulert #18-35

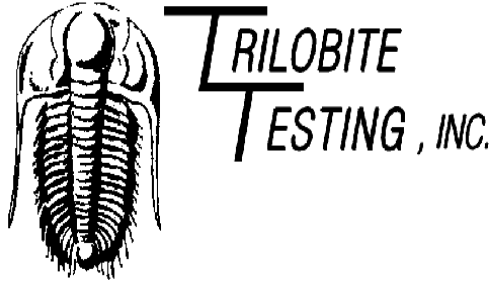
DST Test Number: 2



Trilobite Testing, Inc

Ref. No: 52550

Printed: 2013.11.07 @ 10:17:01



DRILL STEM TEST REPORT

Prepared For: **American Warrior Inc**

PO Box 399
Garden City KS 67545

ATTN: Jim Musgrove

Eulert #18-35

35-11s-15w

Start Date: 2013.11.03 @ 13:15:08

End Date: 2013.11.03 @ 19:00:38

Job Ticket #: 039751 DST #: 3

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

Printed: 2013.11.07 @ 10:16:30



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

American Warrior Inc
 PO Box 399
 Garden City KS 67545
 ATTN: Jim Musgrove

35-11s-15w
Eulert #18-35
 Job Ticket: 039751 **DST#: 3**
 Test Start: 2013.11.03 @ 13:15:08

GENERAL INFORMATION:

Formation: **LKC I-J**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Reset)
 Time Tool Opened: 14:28:08 Tester: Jeff Brown
 Time Test Ended: 19:00:38 Unit No: 67
 Interval: **3111.00 ft (KB) To 3160.00 ft (KB) (TVD)** Reference Elevations: 1811.00 ft (KB)
 Total Depth: 3160.00 ft (KB) (TVD) 1803.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Good KB to GR/CF: 8.00 ft

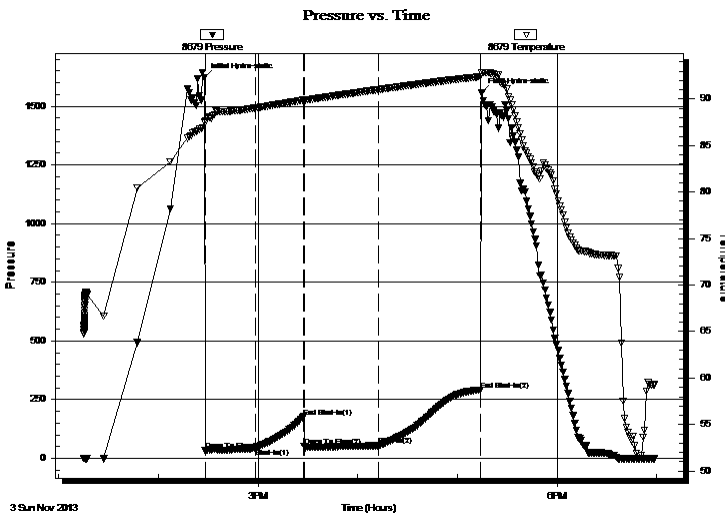
Serial #: 8679

Inside

Press @ Run Depth: 54.09 psig @ 3147.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2013.11.03 End Date: 2013.11.03 Last Calib.: 2013.11.03
 Start Time: 13:15:09 End Time: 18:58:38 Time On Btm: 2013.11.03 @ 14:27:38
 Time Off Btm: 2013.11.03 @ 17:14:38

TEST COMMENT: IFP-Good blow BOB in 20 min
 ISI-Dead no blow back
 FFP-Strong blow BOB in 4 min
 FSI-Dead no blow back

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1621.82	87.57	Initial Hydro-static
1	32.83	87.45	Open To Flow (1)
31	44.58	89.02	Shut-In(1)
60	176.95	89.89	End Shut-In(1)
60	52.91	89.83	Open To Flow (2)
105	54.09	91.01	Shut-In(2)
166	291.56	92.40	End Shut-In(2)
167	1556.83	92.79	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
94.00	SOCGM 5%O 20%G 75%M	1.32
0.00	315=GIP	0.00

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

American Warrior Inc
PO Box 399
Garden City KS 67545
ATTN: Jim Musgrove

35-11s-15w
Eulert #18-35
Job Ticket: 039751 **DST#: 3**
Test Start: 2013.11.03 @ 13:15:08

Tool Information

Drill Pipe:	Length: 3100.00 ft	Diameter: 3.80 inches	Volume: 43.48 bbl	Tool Weight:	2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer:	20000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose:	40000.00 lb
			<u>Total Volume: 43.48 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	9.00 ft			String Weight: Initial	34000.00 lb
Depth to Top Packer:	3111.00 ft			Final	35000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	49.00 ft				
Tool Length:	69.00 ft				
Number of Packers:	2	Diameter: 6.88 inches			

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Change Over Sub	1.00			3092.00	
Shut In Tool	5.00			3097.00	
Hydraulic tool	5.00			3102.00	
Packer	4.00			3106.00	20.00 Bottom Of Top Packer
Packer	5.00			3111.00	
Stubb	1.00			3112.00	
Perforations	2.00			3114.00	
Change Over Sub	1.00			3115.00	
Drill Pipe	31.00			3146.00	
Change Over Sub	1.00			3147.00	
Recorder	0.00	6625	Outside	3147.00	
Recorder	0.00	8679	Inside	3147.00	
Perforations	9.00			3156.00	
Bullnose	4.00			3160.00	49.00 Bottom Packers & Anchor

Total Tool Length: 69.00



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior Inc
PO Box 399
Garden City KS 67545
ATTN: Jim Musgrove

35-11s-15w
Eulert #18-35
Job Ticket: 039751 **DST#: 3**
Test Start: 2013.11.03 @ 13:15:08

Mud and Cushion Information

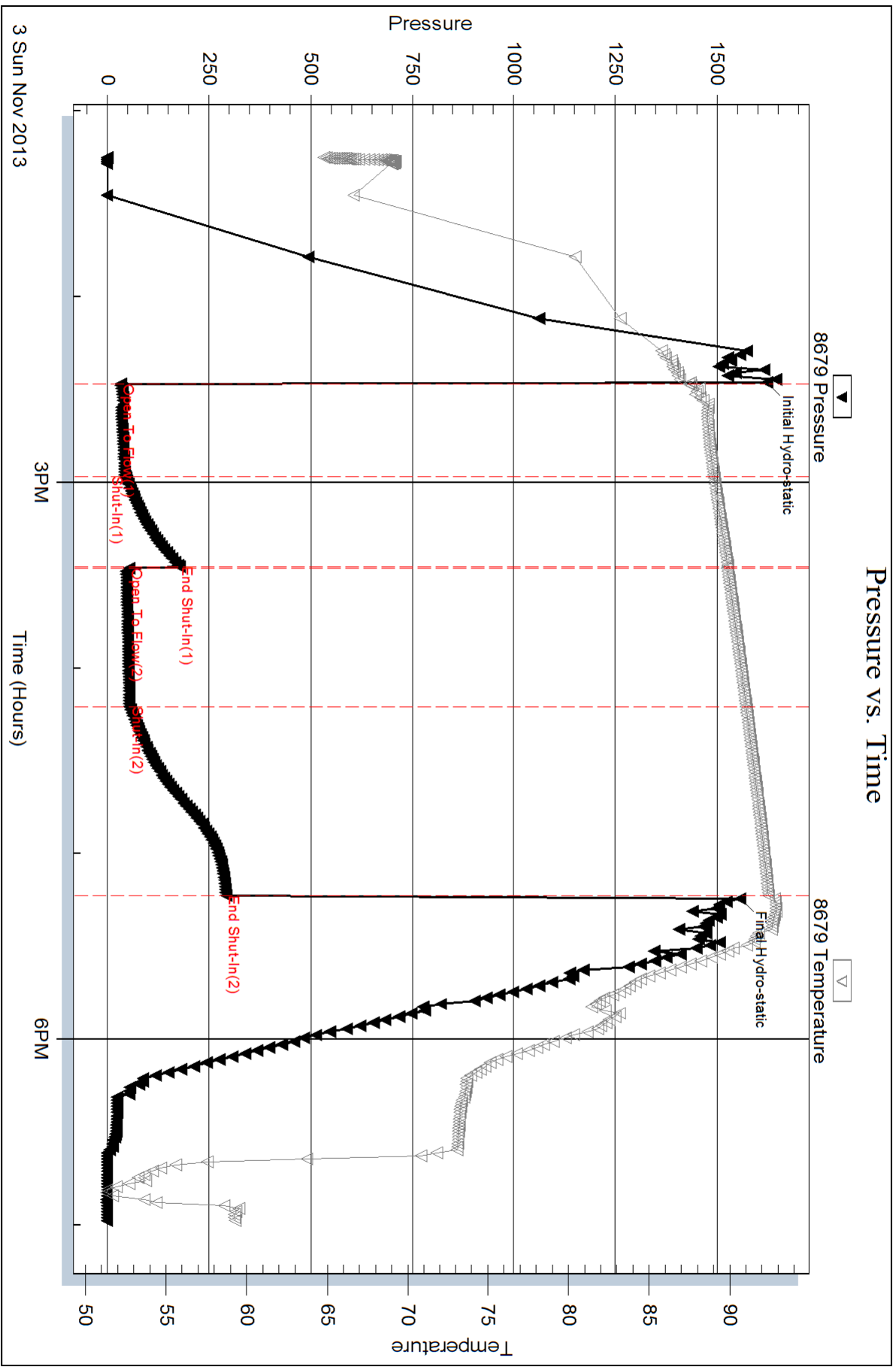
Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 59.00 sec/qt	Cushion Volume: bbl		
Water Loss: 5.38 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 3600.00 ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
94.00	SOCGM 5%O 20%G 75%M	1.319
0.00	315=GIP	0.000

Total Length: 94.00 ft Total Volume: 1.319 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:

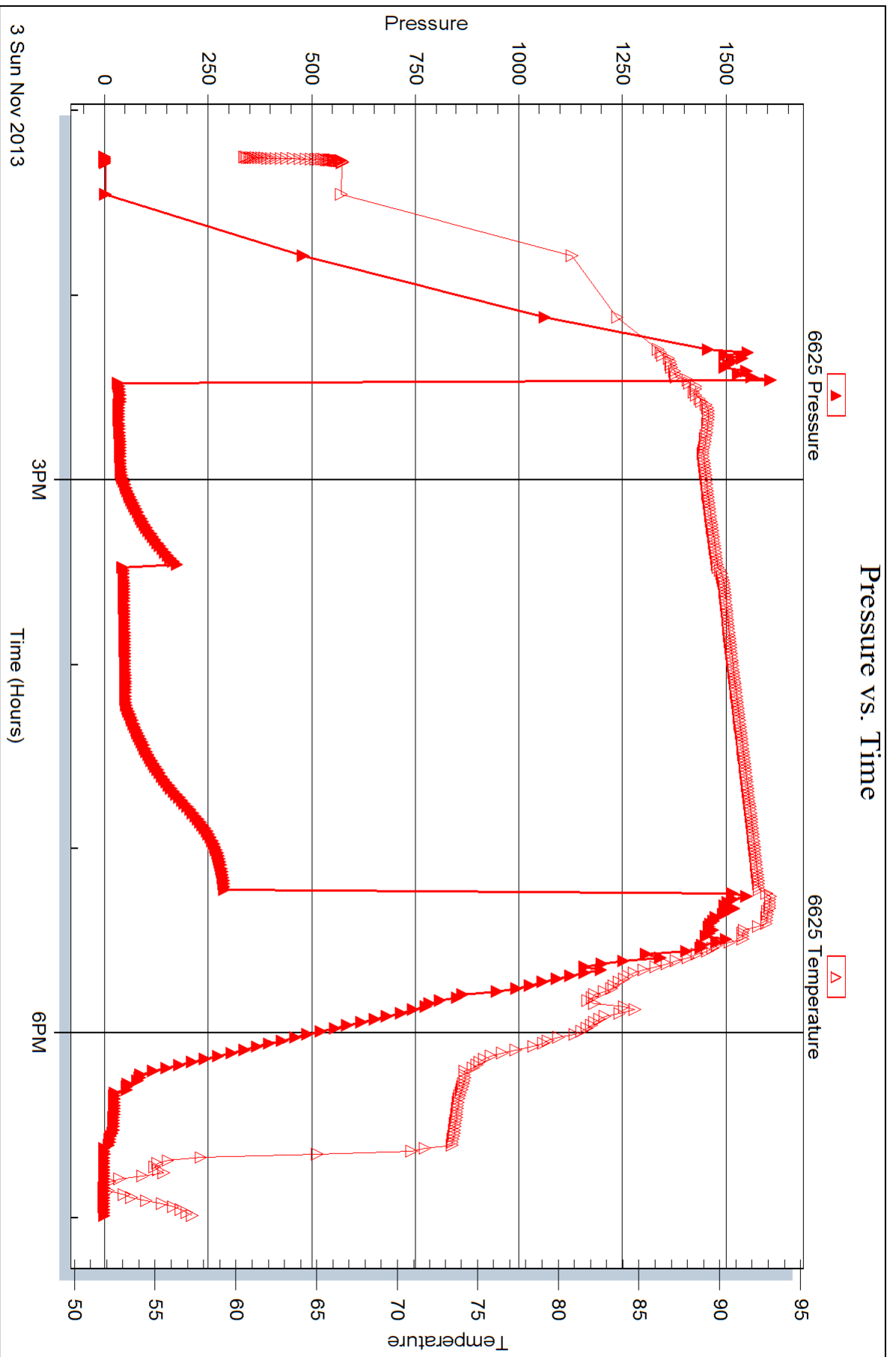


Serial #: 6625

Outside American Warrior Inc

Ellert #18-35

DST Test Number: 3





DRILL STEM TEST REPORT

Prepared For: **American Warrior Inc**

PO Box 399
Garden City KS 67545

ATTN: Jim Musgrove

Eulert #18-35

35-11s-15w

Start Date: 2013.11.04 @ 04:05:30

End Date: 2013.11.04 @ 10:16:00

Job Ticket #: 039752 DST #: 4

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

Printed: 2013.11.07 @ 10:14:59



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

American Warrior Inc
 PO Box 399
 Garden City KS 67545
 ATTN: Jim Musgrove

35-11s-15w
Eulert #18-35
 Job Ticket: 039752 **DST#: 4**
 Test Start: 2013.11.04 @ 04:05:30

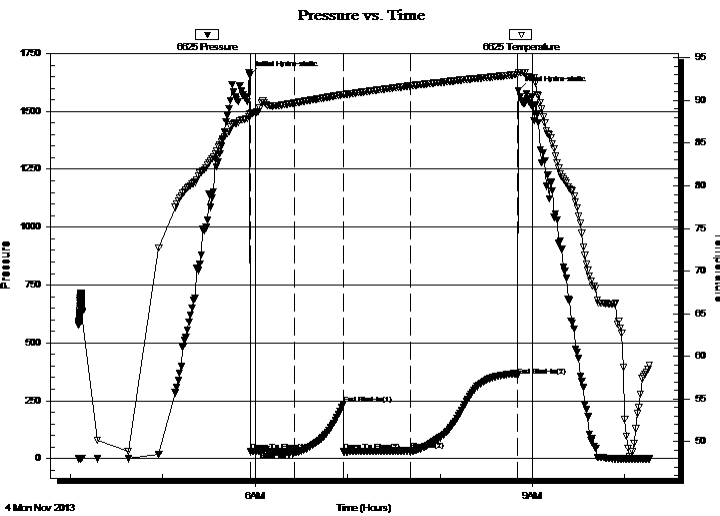
GENERAL INFORMATION:

Formation: **LKC K-L**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 05:57:00
 Time Test Ended: 10:16:00
 Interval: **3160.00 ft (KB) To 3215.00 ft (KB) (TVD)**
 Total Depth: 3000.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Jeff Brown
 Unit No: 67
 Reference Elevations: 1811.00 ft (KB)
 1803.00 ft (CF)
 KB to GR/CF: 8.00 ft

Serial #: 6625 Outside

Press @ Run Depth: 34.57 psig @ 3197.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2013.11.04 End Date: 2013.11.04 Last Calib.: 2013.11.04
 Start Time: 04:05:31 End Time: 10:16:00 Time On Btm: 2013.11.04 @ 05:56:30
 Time Off Btm: 2013.11.04 @ 08:51:00

TEST COMMENT: IFP-Fair blow built to 4 1/2"
 ISI-Dead no blow back
 FFP-Fair blow built to 7"
 FSI-Dead no blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1656.05	88.41	Initial Hydro-static
1	30.73	88.33	Open To Flow (1)
29	30.05	89.71	Shut-In(1)
61	234.42	90.68	End Shut-In(1)
61	32.19	90.68	Open To Flow (2)
105	34.57	91.73	Shut-In(2)
174	358.10	93.03	End Shut-In(2)
175	1589.46	93.27	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
31.00	SOCGM 5%G 5%O 90%M	0.43
0.00	94-GIP	0.00

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

American Warrior Inc
PO Box 399
Garden City KS 67545
ATTN: Jim Musgrove

35-11s-15w
Eulert #18-35
Job Ticket: 039752 **DST#: 4**
Test Start: 2013.11.04 @ 04:05:30

Tool Information

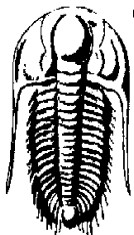
Drill Pipe:	Length: 3163.00 ft	Diameter: 3.80 inches	Volume: 44.37 bbl	Tool Weight:	2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer:	20000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose:	40000.00 lb
			<u>Total Volume: 44.37 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	23.00 ft			String Weight: Initial	34000.00 lb
Depth to Top Packer:	3160.00 ft			Final	34000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	55.00 ft				
Tool Length:	75.00 ft				
Number of Packers:	2	Diameter: 6.88 inches			

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Change Over Sub	1.00			3141.00	
Shut In Tool	5.00			3146.00	
Hydraulic tool	5.00			3151.00	
Packer	4.00			3155.00	20.00 Bottom Of Top Packer
Packer	5.00			3160.00	
Stubb	1.00			3161.00	
Perforations	3.00			3164.00	
Change Over Sub	1.00			3165.00	
Drill Pipe	31.00			3196.00	
Change Over Sub	1.00			3197.00	
Recorder	0.00	6625	Outside	3197.00	
Recorder	0.00	8679	Inside	3197.00	
Perforations	14.00			3211.00	
Bullnose	4.00			3215.00	55.00 Bottom Packers & Anchor

Total Tool Length: 75.00



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior Inc
PO Box 399
Garden City KS 67545
ATTN: Jim Musgrove

35-11s-15w
Eulert #18-35
Job Ticket: 039752 **DST#: 4**
Test Start: 2013.11.04 @ 04:05:30

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:	59.00 sec/qt	Cushion Volume:	bbbl		
Water Loss:	5.38 in ³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	3600.00 ppm				
Filter Cake:	inches				

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
31.00	SOCGM 5%G 5%O 90%M	0.435
0.00	94=GIP	0.000

Total Length: 31.00 ft Total Volume: 0.435 bbl

Num Fluid Samples: 0

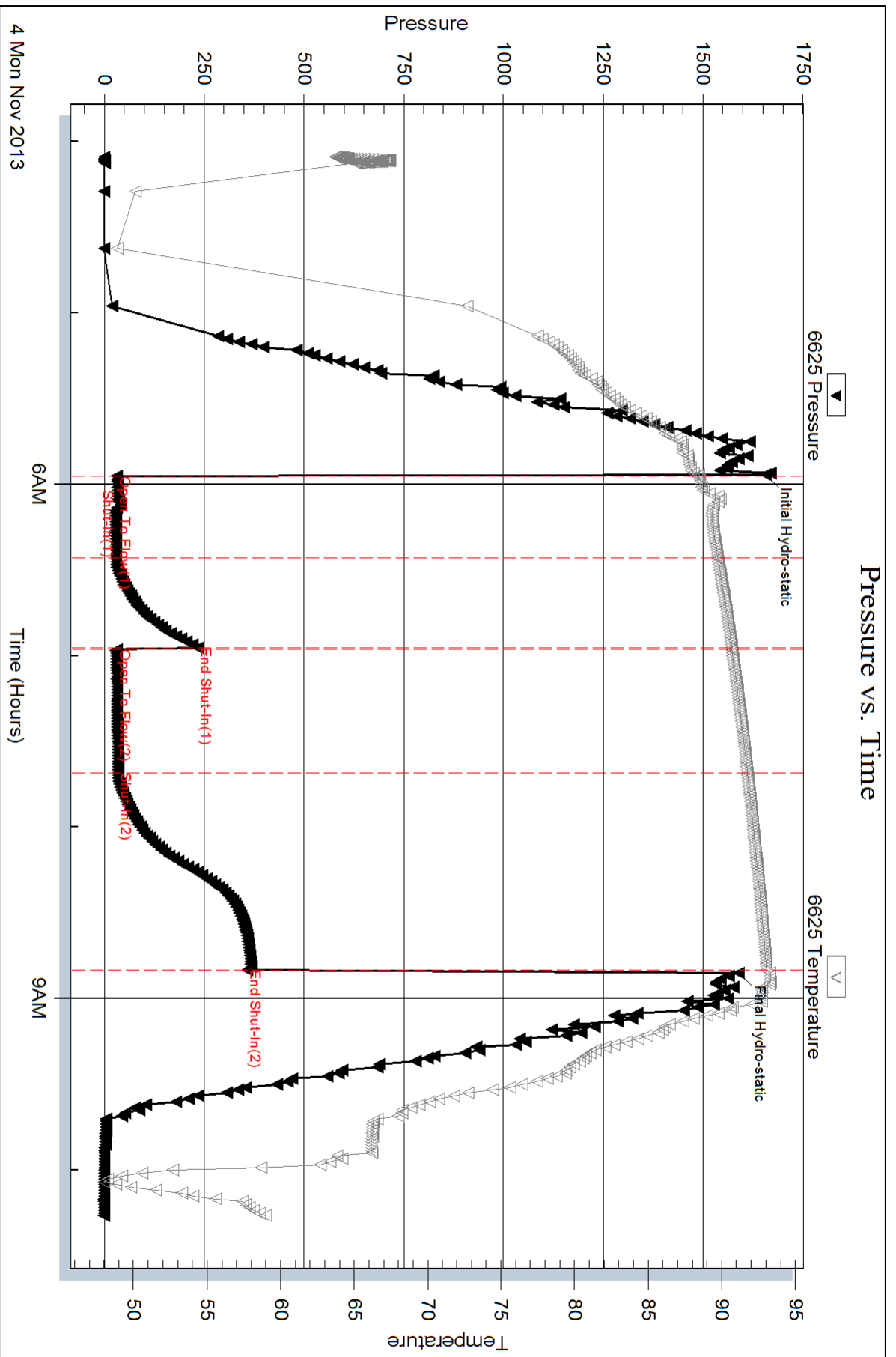
Num Gas Bombs: 0

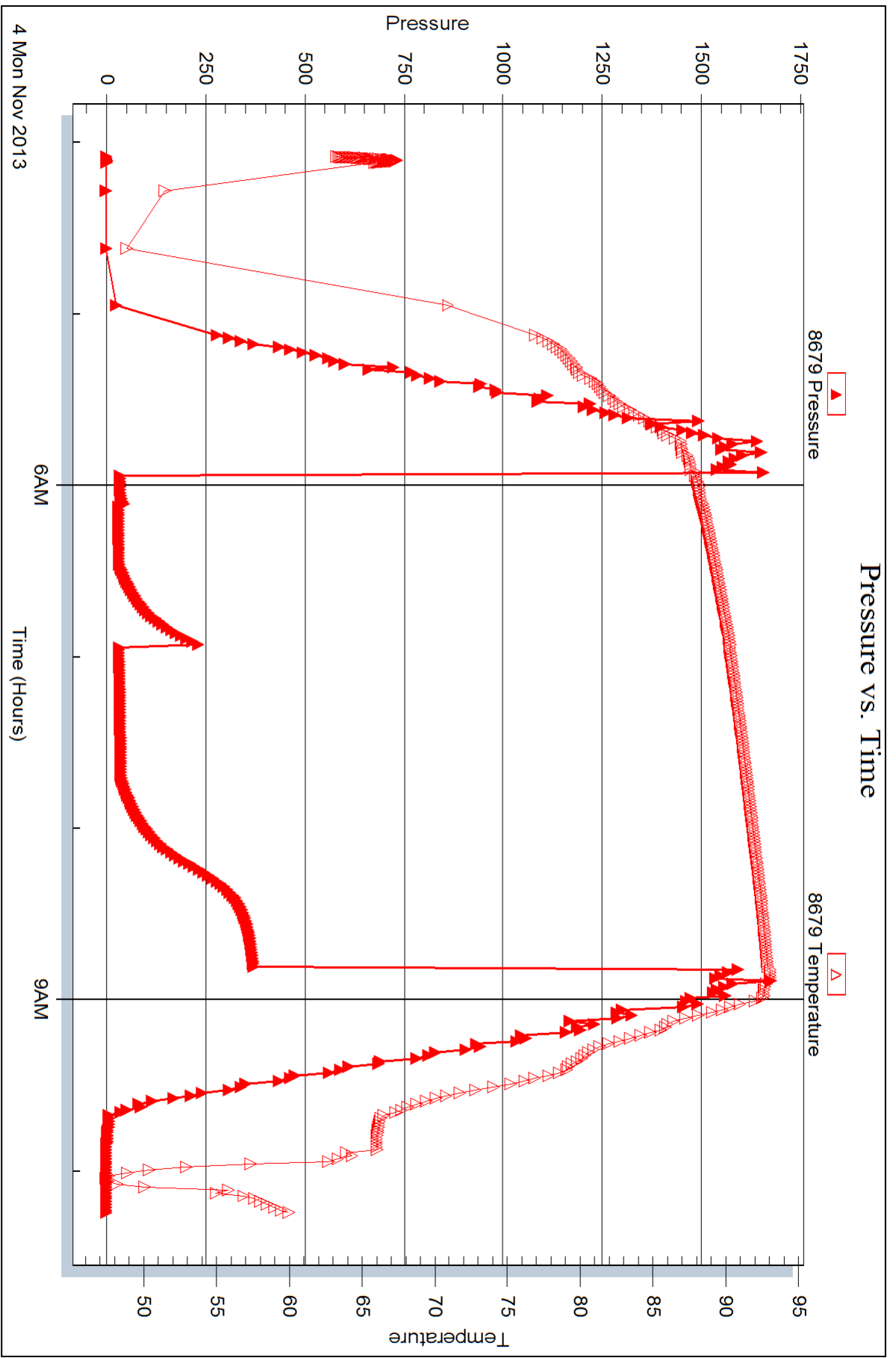
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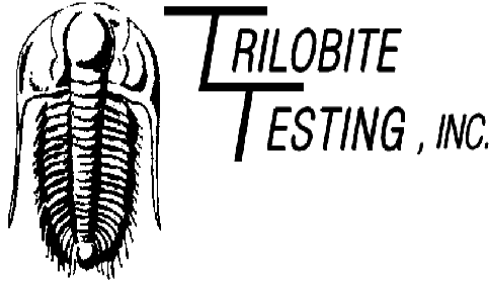
Laboratory Name:

Laboratory Location:

Recovery Comments:







DRILL STEM TEST REPORT

Prepared For: **American Warrior Inc**

PO Box 399
Garden City KS 67545

ATTN: Jim Musgrove

Eulert #18-35

35-11s-15w

Start Date: 2013.11.04 @ 20:29:00

End Date: 2013.11.05 @ 02:07:30

Job Ticket #: 039753 DST #: 5

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

Printed: 2013.11.07 @ 10:13:00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

American Warrior Inc
PO Box 399
Garden City KS 67545
ATTN: Jim Musgrove

35-11s-15w
Eulert #18-35
Job Ticket: 039753 **DST#: 5**
Test Start: 2013.11.04 @ 20:29:00

Tool Information

Drill Pipe:	Length: 3226.00 ft	Diameter: 3.80 inches	Volume: 45.25 bbl	Tool Weight:	2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer:	20000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose:	38000.00 lb
			<u>Total Volume: 45.25 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	25.00 ft			String Weight: Initial	34000.00 lb
Depth to Top Packer:	3221.00 ft			Final	35000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	45.00 ft				
Tool Length:	65.00 ft				
Number of Packers:	2	Diameter: 6.88 inches			

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Change Over Sub	1.00			3202.00	
Shut In Tool	5.00			3207.00	
Hydraulic tool	5.00			3212.00	
Packer	4.00			3216.00	20.00 Bottom Of Top Packer
Packer	5.00			3221.00	
Stubb	1.00			3222.00	
Perforations	3.00			3225.00	
Change Over Sub	1.00			3226.00	
Change Over Sub	1.00			3227.00	
Recorder	0.00	6625	Outside	3227.00	
Recorder	0.00	8679	Inside	3227.00	
Drill Pipe	31.00			3258.00	
Perforations	4.00			3262.00	
Bullnose	4.00			3266.00	45.00 Bottom Packers & Anchor

Total Tool Length: 65.00



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior Inc
PO Box 399
Garden City KS 67545
ATTN: Jim Musgrove

35-11s-15w
Eulert #18-35
Job Ticket: 039753 **DST#: 5**
Test Start: 2013.11.04 @ 20:29:00

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: 57.00 sec/qt	Cushion Volume: bbl		
Water Loss: 5.99 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 3500.00 ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
157.00	Mud	2.202

Total Length: 157.00 ft Total Volume: 2.202 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments: MIS-Run



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 52549

Well Name & No. Euler + # 18-35 Test No. 1 Date 11-02-13
 Company American Warrior INC Elevation 1811 KB 1803 GL
 Address Po Box 399 Garden City KS 67545
 Co. Rep / Geo. Jim Musgrave Rig Duke #8
 Location: Sec. 35 Twp. 11 S Rge. 15 W Co. Russel State KS

Interval Tested 2904-3000 Zone Tested Lansing -A-B-C
 Anchor Length 96 Drill Pipe Run 2912 Mud Wt. 8.7
 Top Packer Depth 2899 Drill Collars Run 0 Vis 59
 Bottom Packer Depth 2904 Wt. Pipe Run 0 WL 5.4
 Total Depth 3000 Chlorides 3600 ppm System LCM 2

Blow Description IP-Good Blow Bob IN 9 1/2 min
ISI-Dead No Blow Back
FP-Good Blow Bob IN 21 min
ISI-Dead No Blow Back

Rec	Feet of	%gas	%oil	%water	%mud
<u>603</u>	<u>USOCGM</u>	<u>3</u>	<u>2</u>	<u>35</u>	<u>60</u>
<u>108</u>	<u>USOCGM</u>	<u>3</u>	<u>2</u>		<u>95</u>
	<u>126-GIP</u>				

Rec Total 171 BHT 93 Gravity API RW, 248 @ 48.9° F Chlorides 42,000 ppm

(A) Initial Hydrostatic 1491 Test 1150 T-On Location 1:14
 (B) First Initial Flow 54 Jars T-Started 1:54
 (C) First Final Flow 95 Safety Joint T-Open 4:35
 (D) Initial Shut-In 537 Circ Sub T-Pulled 6:50
 (E) Second Initial Flow 100 Hourly Standby T-Out 9:02
 (F) Second Final Flow 124 Mileage 96 RT 148.80 Comments _____
 (G) Final Shut-In 541 Sampler _____
 (H) Final Hydrostatic 1448 Straddle _____ Ruined Shale Packer _____
 Shale Packer _____ Ruined Packer _____

Initial Open 30 Extra Packer _____ Extra Copies _____
 Initial Shut-In 30 Extra Recorder _____ Sub Total 0
 Final Flow 30 45 Day Standby _____ Total 1298.80
 Final Shut-In _____ Accessibility _____ MP/DST Disc't _____
 Sub Total 1298.80

Approved By _____ Our Representative Jeff Brown

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TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 52550

Well Name & No. Eulert #18-35 Test No. 2 Date 11-2-13
 Company American Warrior INC Elevation 1811 KB 1803 GL
 Address PO Box 399 Garden City KS 67545
 Co. Rep / Geo. Jim Mus Grove Rig Duke #8
 Location: Sec. 35 Twp. 11S Rge. 15W Co. Russell State KS

Interval Tested 2999-3035 Zone Tested Lansing-D
 Anchor Length 36 Drill Pipe Run 300Lp Mud Wt. 8.9
 Top Packer Depth 2994 Drill Collars Run 0 Vis 60
 Bottom Packer Depth 2999 Wt. Pipe Run 0 WL 5.8
 Total Depth 3035 Chlorides 3500 ppm System LCM 2

Blow Description 1st-Strong Blow Bob IN 4 1/2 min
1st-fair Blow Back Built To 6 1/2 IN
1st-Good Blow Bob IN 8 min
1st-fair Blow Back Built TO 5 IN

Rec	Feet of	%gas	%oil	%water	%mud
<u>252</u>	<u>Feet of MW with A scum of oil</u>			<u>90</u>	<u>10</u>
<u>63</u>	<u>Feet of USOC MW</u>		<u>2</u>	<u>68</u>	<u>30</u>
<u>25</u>	<u>Feet of SOC WM</u>		<u>5</u>	<u>35</u>	<u>60</u>
<u>20</u>	<u>Feet of Gassy oil</u>	<u>10</u>	<u>90</u>		
	<u>Feet of 519-GIP</u>				

Rec Total 3600 BHT 96 Gravity 38 API RW 246 @ 57.5° F Chlorides 36,000 ppm

(A) Initial Hydrostatic 1518 Test 1150 T-On Location 19:12
 (B) First Initial Flow 28 Jars _____ T-Started 19:18
 (C) First Final Flow 112 Safety Joint _____ T-Open 21:09
 (D) Initial Shut-In 257 Circ Sub _____ T-Pulled 23:39
 (E) Second Initial Flow 127 Hourly Standby _____ T-Out 2:48

(F) Second Final Flow 181 Mileage 148.80 Comments _____
 (G) Final Shut-In 259 Sampler _____
 (H) Final Hydrostatic 1440 Straddle _____

Shale Packer _____ Ruined Shale Packer _____
 Extra Packer _____ Ruined Packer _____

Initial Open 30 Extra Recorder _____ Sub Total 0
 Initial Shut-In 30 Day Standby _____ Total 1298.80

Final Flow 45 Accessibility _____ MP/DST Disc't _____
 Final Shut-In 45 Sub Total 1298.80

Approved By _____ Our Representative Jeff Brown

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TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 039751

Well Name & No. Eulert #18-35 Test No. 3 Date 11-2-13
 Company American Warrior INC Elevation 1811 KB 1803 GL
 Address PO Box 399 Garden City KS 67545
 Co. Rep / Geo. Jim Musgrave Rig Duke #8
 Location: Sec. 35 Twp. 11 S Rge. 15 W Co. Russell State KS

Interval Tested 3111 - 3160 Zone Tested Lansing - I - J
 Anchor Length 49 Drill Pipe Run 3100 Mud Wt. 9.0
 Top Packer Depth 3106 Drill Collars Run 0 Vis 57
 Bottom Packer Depth 3111 Wt. Pipe Run 0 WL 5.8
 Total Depth 3160 Chlorides 3500 ppm System LCM TR

Blow Description FF-Good Blow Bob IN 20 min
ISI-Dead No Blow Back
FF-Strong Blow Bob IN 4 min
ISI-Dead No Blow Back

Rec	Feet of	%gas	%oil	%water	%mud
<u>94</u>	<u>SOCGM</u>	<u>20</u>	<u>5</u>	<u>75</u>	
	<u>315-GIP</u>				

Rec Total 94 BHT 92 Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic 1422 Test 1150 T-On Location 13:05
 (B) First Initial Flow 33 Jars _____ T-Started 13:15
 (C) First Final Flow 45 Safety Joint _____ T-Open 14:28
 (D) Initial Shut-In 177 Circ Sub _____ T-Pulled 17:13
 (E) Second Initial Flow 53 Hourly Standby _____ T-Out 19:00
 (F) Second Final Flow 54 Mileage 148.80 Comments _____
 (G) Final Shut-In 292 Sampler _____
 (H) Final Hydrostatic 1557 Straddle _____ Ruined Shale Packer _____
 Shale Packer _____ Ruined Packer _____
 Extra Packer _____ Extra Copies _____
 Extra Recorder _____ Sub Total 0
 Day Standby _____ Total 1298.80
 Accessibility _____ MP/DST Disc't _____

Initial Open 30
 Initial Shut-In 30
 Final Flow 45
 Final Shut-In 600

Sub Total 1298.80

Approved By _____ Our Representative Jeff Brown

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TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 039752

Well Name & No. EulerT #18-35 Test No. 4 Date 11-4-13
 Company American Warrior INC Elevation 1811 KB 1803 GL
 Address PO Box 399 Garden City KS 67545
 Co. Rep / Geo. Jim Musgrave Rig Duke #8
 Location: Sec. 35 Twp. 11s Rge. 15W Co. Russell State KS

Interval Tested 3160-3215 Zone Tested Lansing - K-L
 Anchor Length 55 Drill Pipe Run 3160 Mud Wt. 9.1
 Top Packer Depth 3155 Drill Collars Run 0 Vis 57
 Bottom Packer Depth 3160 Wt. Pipe Run 0 WL 6.0
 Total Depth 3215 Chlorides 3500 ppm System LCM 2

Blow Description FF-Fair Blow BUILT TO 4 1/2 IN
1st-Dead No Blow Back
FF-Fair Blow BUILT TO 7 IN
1st-Dead No Blow Back

Rec	Feet of	%gas	%oil	%water	%mud
<u>31</u>	<u>SOCGM</u>	<u>5</u>	<u>5</u>	<u>95</u>	<u>95</u>
Rec	Feet of <u>94-GIP</u>	%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 31 BHT 93 Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic 1456 Test 1150 T-On Location 4:00
 (B) First Initial Flow 31 Jars _____ T-Started 4:05
 (C) First Final Flow 30 Safety Joint _____ T-Open 5:56
 (D) Initial Shut-In 234 Circ Sub _____ T-Pulled 8:41
 (E) Second Initial Flow 32 Hourly Standby _____ T-Out 10:15
 (F) Second Final Flow 35 Mileage 148.80 Comments _____
 (G) Final Shut-In 358 Sampler _____
 (H) Final Hydrostatic 1589 Straddle _____ Ruined Shale Packer _____
 Shale Packer _____ Ruined Packer _____
 Extra Packer _____ Extra Copies _____
 Initial Open 30 Extra Recorder _____ Sub Total 0
 Initial Shut-In 30 Day Standby _____ Total 1298.80
 Final Flow 45 Accessibility _____ MP/DST Disc't _____
 Final Shut-In 60 Sub Total 1298.80

Approved By _____ Our Representative Jeff Brown

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TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 039753

Well Name & No. EulerT #18-35 Test No. 5 Date 11-4-13
 Company American Warrior INC Elevation 1811 KB 1803 GL
 Address PO Box 399 Garden City KS 67545
 Co. Rep / Geo. Jim MusGrove Rig Duke #8
 Location: Sec. 35 Twp. 11s Rge. 15W Co. Russell State KS

Interval Tested 3221-3246 Zone Tested ArBuckle
 Anchor Length 45 Drill Pipe Run 3226 Mud Wt. 9.1
 Top Packer Depth 3216 Drill Collars Run 0 Vis 57
 Bottom Packer Depth 3221 Wt. Pipe Run 0 WL 6.0
 Total Depth 3246 Chlorides 3500 ppm System LCM 2

Blow Description MIS-RUN 157' mud

Rec	Feet of	%gas	%oil	%water	%mud

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

(A) Initial Hydrostatic _____ Test 950 _____ T-On Location 20:06
 (B) First Initial Flow _____ Jars _____ T-Started 20:29
 (C) First Final Flow _____ Safety Joint _____ T-Open 22:27
 (D) Initial Shut-In _____ Circ Sub _____ T-Pulled 22:45
 (E) Second Initial Flow _____ Hourly Standby _____ T-Out 2:07
 (F) Second Final Flow _____ Mileage 148.80 _____ Comments MIS-RUN packer failure
 (G) Final Shut-In _____ Sampler _____
 (H) Final Hydrostatic _____ Straddle _____ Ruined Shale Packer _____
 Shale Packer _____ Ruined Packer _____
 Extra Packer _____ Extra Copies _____
 Initial Open _____ Extra Recorder _____ Sub Total 0
 Initial Shut-In _____ Day Standby _____ Total 1098.80
 Final Flow MIS-RUN _____ Accessibility _____ MP/DST Disc't _____
 Final Shut-In _____ Sub Total 1098.80

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