



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1183834
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: _____

1183834

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: Yes No

Date of First, Resumed Production, SWD or ENHR: _____ Producing Method:
 Flowing Pumping Gas Lift Other *(Explain)* _____

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____ <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	American Warrior, Inc.
Well Name	DeRemus 4-33
Doc ID	1183834

All Electric Logs Run

Induction
Porosity
Micro
Sonic

Form	ACO1 - Well Completion
Operator	American Warrior, Inc.
Well Name	DeRemus 4-33
Doc ID	1183834

Tops

Name	Top	Datum
Anhy	1870'	+980
B/Anhy	1948'	+902
Heebner	3843'	-993
Lansing	3885'	-1035
B/KC	4395'	-1545
Pawnee	4489'	-1639
Ft.Scott	4515'	-1665
Morrow	4691'	-1841
St.Louis	4719'	-1869

ALLIED OIL & GAS SERVICES, LLC 061078

Federal Tax I.D. # 20-8651475

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

SERVICE POINT: Gardenside

DATE <u>12-4-13</u>	SEC. <u>3</u>	TWP. <u>2</u>	RANGE <u>32</u>	CALLED OUT	ON LOCATION	JOB START <u>2 pm</u>	JOB FINISH <u>3 pm</u>
LEASE <u>Duke 401</u>	WELL# <u>6-11</u>	LOCATION <u>Gardenside 4-11 Mary St</u>	COUNTY <u>Tarrant</u>		STATE <u>Tx</u>		
OLD OR NEW (Circle one)			Eggs <u>under it</u>				

CONTRACTOR Duke 5

TYPE OF JOB surface

HOLE SIZE 12 1/2 T.D.

CASING SIZE 1 3/8 DEPTH 1160.57

TUBING SIZE DEPTH

DRILL PIPE 4 1/2 DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG. 42.5 FF

PERFS.

DISPLACEMENT 11.22 bbl fresh water

OWNER

CEMENT

AMOUNT ORDERED 400 5/8" 40 gal 59.12

250 sks class A White Cement

COMMON @

POZMIX @

GEL @

CHLORIDE @

ASC @

HANDLING @

MILEAGE @

EQUIPMENT

PUMP TRUCK CEMENTER 2015 Isiac

567 HELPER Chris B. Keenan

BULK TRUCK

514-14 DRIVER Paul F

BULK TRUCK

603 DRIVER Drew Cusper

REMARKS:

8" casing, back to area of dipole

2.40 10 in case

Mix 200 gal 5/8" 3 1/2" 6 gal 40 gal

Mix 100 gal 1/2" 2 1/2" 2 gal

100 gal

Displace 11.22 bbl fresh water - load ider

Tubing - Cement hid 11/22 bbl

Fig 1.00

CHARGE TO: Hamilton Division

STREET

CITY STATE ZIP

SERVICE

DEPTH OF JOB

PUMP TRUCK CHARGE

EXTRA FOOTAGE @

MILEAGE @

MANIFOLD @

TOTAL

PLUG & FLOAT EQUIPMENT

1 Core Shoe @

1 Core Shoe @

1 Rubber Plug @

1 Cementizer @

1 Basket @

TOTAL

To: Allied Oil & Gas Services, LLC.

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

PRINTED NAME X KENNETH MCGONIE

SIGNATURE X Kenneth McGonie

Thank you!

SALES TAX (If Any)

TOTAL CHARGES

DISCOUNT IF PAID IN 30 DAYS



CHARGE TO: *American Warrior*

ADDRESS:

CITY, STATE, ZIP CODE:

TICKET 25765

PAGE 1 OF 2

SERVICE LOCATIONS 1. <i>Ness City, KS</i>	WELL/PROJECT NO. <i>4-33</i>	LEASE <i>DeRemus</i>	COUNTY/PARISH <i>Finney</i>	STATE <i>KS</i>	CITY <i>Garden City</i>	DATE <i>13 DEC 13</i>	OWNER
2.	TICKET TYPE <input type="checkbox"/> SERVICE <input type="checkbox"/> SALES	CONTRACTOR <i>DUKE</i>	RIG NAME/NO. <i>5</i>	SHIPPED VIA	DELIVERED TO	ORDER NO.	
3.	WELL TYPE <i>0.7</i>	WELL CATEGORY <i>Development</i>	JOB PURPOSE <i>cement long string</i>	WELL PERMIT NO.	WELL LOCATION		
4. REFERRAL LOCATION	INVOICE INSTRUCTIONS						

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
<i>575</i>		<i>1</i>			MILEAGE	<i>TRK 114</i>	<i>90</i>	<i>mi</i>		<i>6.00</i>	<i>540.00</i>
<i>578</i>		<i>1</i>			Pump Charge		<i>1</i>	<i>ea</i>		<i>1500.00</i>	<i>1500.00</i>
<i>402</i>		<i>1</i>			Centralizer		<i>5 1/2</i>	<i>in</i>	<i>8 ea</i>	<i>70.00</i>	<i>560.00</i>
<i>403</i>		<i>1</i>			Cement Basket		<i>5 1/2</i>	<i>in</i>	<i>2 ea</i>	<i>300.00</i>	<i>600.00</i>
<i>406</i>		<i>1</i>			Latch down Plug & Baffle		<i>5 1/2</i>	<i>in</i>	<i>1 ea</i>	<i>275.00</i>	<i>275.00</i>
<i>407</i>		<i>1</i>			Insert float shoe w/ AUTO FILL		<i>5 1/2</i>	<i>in</i>	<i>1 ea</i>	<i>375.00</i>	<i>375.00</i>

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
DATE SIGNED _____ TIME SIGNED _____ A.M. P.M.

2/20

REMIT PAYMENT TO:

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

SURVEY	AGREE	UN-DECIDED	DIS-AGREE	PAGE TOTAL 1	<i>3050.00</i>
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?				2	<i>6078.13</i>
WE UNDERSTOOD AND MET YOUR NEEDS?				subtotal	<i>9958.13</i>
OUR SERVICE WAS PERFORMED WITHOUT DELAY?				Finney TAX	<i>491.45</i>
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?				7.3%	
ARE YOU SATISFIED WITH OUR SERVICE?	<input type="checkbox"/> YES <input type="checkbox"/> NO			TOTAL	<i>10,439.68</i>
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND					



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

TICKET CONTINUATION

TICKET No. 25765

CUSTOMER American Warrior WHEELS Deere 4-33 DATE 13 Dec 13 PAGE 2 OF 2

PRICE REFERENCE	SECONDARY REFERENCE / PART NUMBER	ACCOUNTING			TIME	DESCRIPTION	QTY.		QTY.		UNIT PRICE	AMOUNT
		LOC	ACCT	DF			UM	UM				
325		1				STANDARD cement (for #2)	175	sk			14.50	2537.50
284		1				cat seal	800	lb	8	sk	35.00	280.00
283		1				salt	900	lb			0.20	180.00
292		1				halad-322	125	lb			8.00	1000.00
276		1				Flocele	50	lb			2.50	125.00
281		1				med flush	500	gal			1.25	625.00
221		1				KCL liquid	2	gal			25.00	50.00
290		1				D AIR	3	gal			42.00	126.00
581		1				SERVICE CHARGE					2.00	350.00
583		1				MILEAGE CHARGE					1.00	824.63
						TOTAL WEIGHT	18325					
						LOADED MILES						
						TON MILES			824.63			

CONTINUATION TOTAL 6098.13

JOB LOG

SWIFT Services, Inc.

DATE 13 DEC 13 PAGE NO. 1

CUSTOMER American Warrior WELL NO. 4-33 LEASE DeRemus JOB TYPE cement long string TICKET NO. 25765

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
								175 sk EA-2 w/ 1/4" floccle TD = 4850' 112 jts 5 1/2" x 17" casing Pipe = 4832' x 1 @ 4845' shaft 21.31' Centralizers 1, 3, 4, 5, 6, 8, 10, 12 Basket 2, 11
	1600							on loc TRK 114
	1745							start 5 1/2" x 17" casing in well
	1955							Drop ball - circulates
	2030	4	12			200		Pump 500 gal mud flush
		4	20			200		Pump 20 bbl KCh liquid
			7					Plug RH - MH 30SKs - 20SKs
	2040	4	35			200		mix EA-2 cement 125 sk @ 15.3 ppg
	2055							Drop latch down plug wash out pump & line
	2105	6 3/4				200		Displace plug
		6 3/4	115			900		
	2130	6 3/4	112			1600		Land plug
								Release prime to truck - dried up
								wash truck
								Rack up
	2200							job complete Yanks Blaine Flint & Assoc



DRILL STEM TEST REPORT

Prepared For: **American Warrior, Inc**

PO Box 399
Garden City, KS 67846

ATTN: Kevin Timson

DeRemus #4-33

33 23s 32w Finney,KS

Start Date: 2013.12.11 @ 19:50:00

End Date: 2013.12.11 @ 22:51:15

Job Ticket #: 55615 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2013.12.13 @ 15:11:42



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

American Warrior, Inc
 PO Box 399
 Garden City, KS 67846
 ATTN: Kevin Timson

33 23s 32w Finney, KS

DeRemus #4-33

Job Ticket: 55615 **DST#: 1**

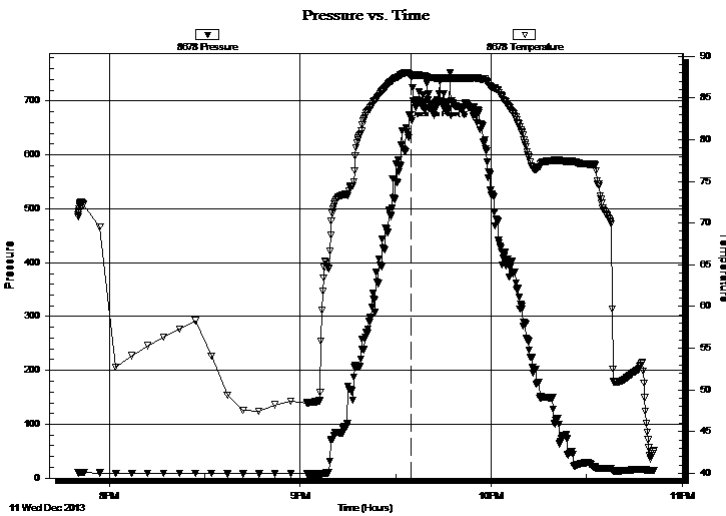
Test Start: 2013.12.11 @ 19:50:00

GENERAL INFORMATION:

Formation: **St Louis**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 21:34:45
 Time Test Ended: 22:51:15
 Interval: **4785.00 ft (KB) To 4803.00 ft (KB) (TVD)**
 Total Depth: 4803.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Bradley Walter
 Unit No: 69
 Reference Elevations: 2850.00 ft (KB)
 2839.00 ft (CF)
 KB to GR/CF: 11.00 ft

Serial #: 8678 Inside
 Press@RunDepth: psig @ 4786.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2013.12.11 End Date: 2013.12.11 Last Calib.: 2013.12.12
 Start Time: 19:50:05 End Time: 22:51:15 Time On Btm:
 Time Off Btm:

TEST COMMENT: Tool hit bridge on the way to bottom.
 Pulled test to recondition the hole.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	667.62	87.63	Open To Flow (1)

Recovery

Length (ft)	Description	Volume (bbl)
0.00	Did not go to bottom	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 67846
ATTN: Kevin Timson

33 23s 32w Finney, KS
DeRemus #4-33
Job Ticket: 55615 **DST#: 1**
Test Start: 2013.12.11 @ 19:50:00

Tool Information

Drill Pipe:	Length: 4518.00 ft	Diameter: 3.80 inches	Volume: 63.38 bbl	Tool Weight:	2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer:	0.00 lb
Drill Collar:	Length: 250.00 ft	Diameter: 2.25 inches	Volume: 1.23 bbl	Weight to Pull Loose:	0.00 lb
			<u>Total Volume: 64.61 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	10.00 ft			String Weight: Initial	0.00 lb
Depth to Top Packer:	4785.00 ft			Final	0.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	18.00 ft				
Tool Length:	45.00 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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Change Over Sub	1.00			4759.00	
Shut In Tool	5.00			4764.00	
Hydraulic tool	5.00			4769.00	
Jars	5.00			4774.00	
Safety Joint	2.00			4776.00	
Packer	5.00			4781.00	27.00 Bottom Of Top Packer
Packer	4.00			4785.00	
Stubb	1.00			4786.00	
Recorder	0.00	8678	Inside	4786.00	
Recorder	0.00	8522	Outside	4786.00	
Perforations	14.00			4800.00	
Bullnose	3.00			4803.00	18.00 Bottom Packers & Anchor

Total Tool Length: 45.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior, Inc
PO Box 399
Garden City, KS 67846
ATTN: Kevin Timson

33 23s 32w Finney,KS
DeRemus #4-33
Job Ticket: 55615 **DST#: 1**
Test Start: 2013.12.11 @ 19:50:00

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	0 deg API
Mud Weight: 10.00 lb/gal	Cushion Length: ft	Water Salinity:	0 ppm
Viscosity: 55.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.59 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 2500.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	Did not go to bottom	0.000

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

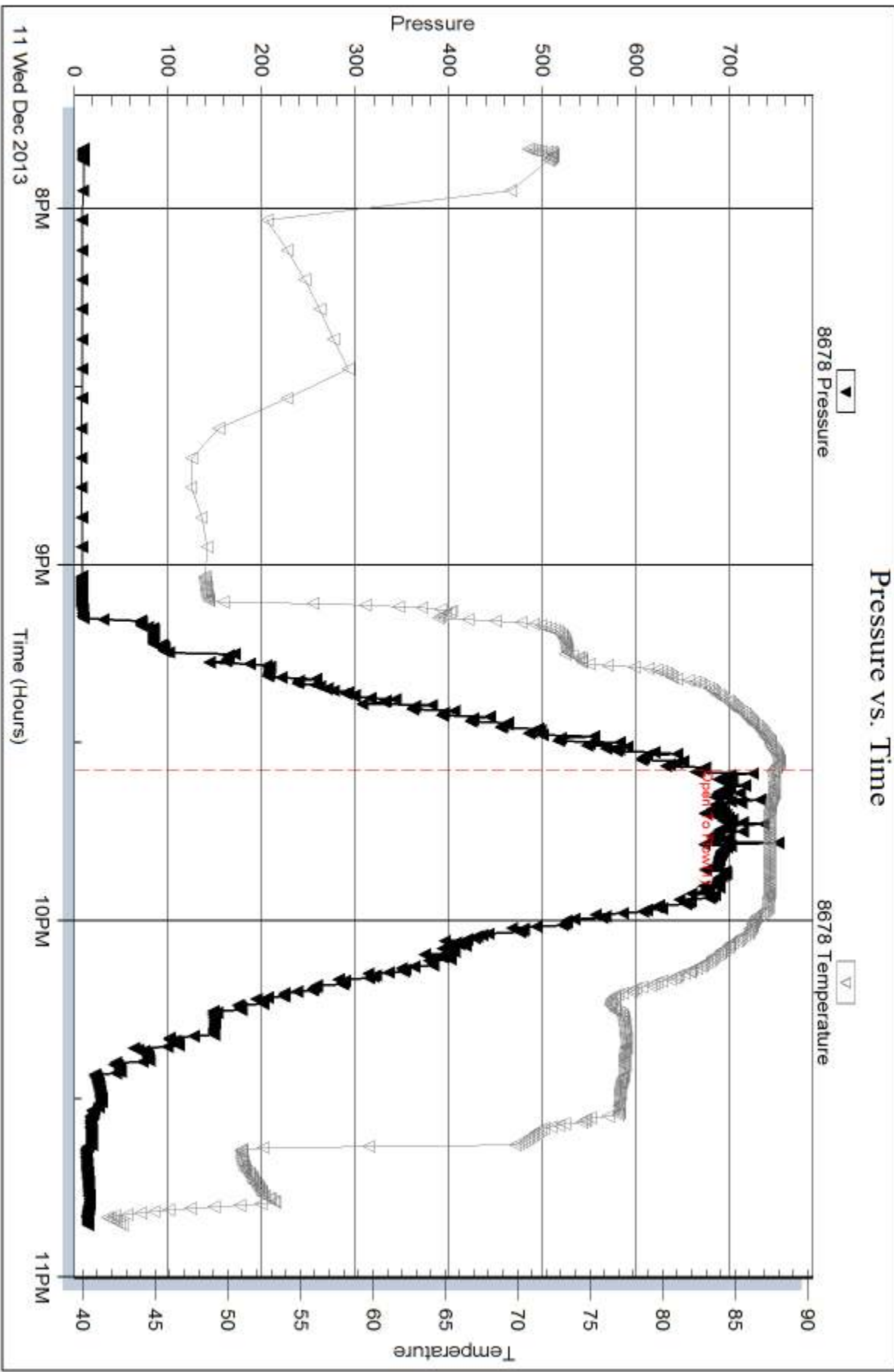
Serial #: 8678

Inside

American Warrior, Inc

Deremus #4-33

DST Test Number: 1





DRILL STEM TEST REPORT

Prepared For: **American Warrior, Inc**

PO Box 399
Garden City, KS 67846

ATTN: Kevin Timson

DeRemus #4-33

33 23s 32w Finney,KS

Start Date: 2013.12.12 @ 05:09:00

End Date: 2013.12.12 @ 14:18:30

Job Ticket #: 55616 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2013.12.13 @ 15:10:12



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

American Warrior, Inc
 PO Box 399
 Garden City, KS 67846
 ATTN: Kevin Timson

33 23s 32w Finney, KS

DeRemus #4-33

Job Ticket: 55616

DST#: 2

Test Start: 2013.12.12 @ 05:09:00

GENERAL INFORMATION:

Formation: **St. Louis**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 07:43:00
 Time Test Ended: 14:18:30
 Interval: **4785.00 ft (KB) To 4803.00 ft (KB) (TVD)**
 Total Depth: 4803.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Bradley Walter
 Unit No: 69
 Reference Elevations: 2850.00 ft (KB)
 2839.00 ft (CF)
 KB to GR/CF: 11.00 ft

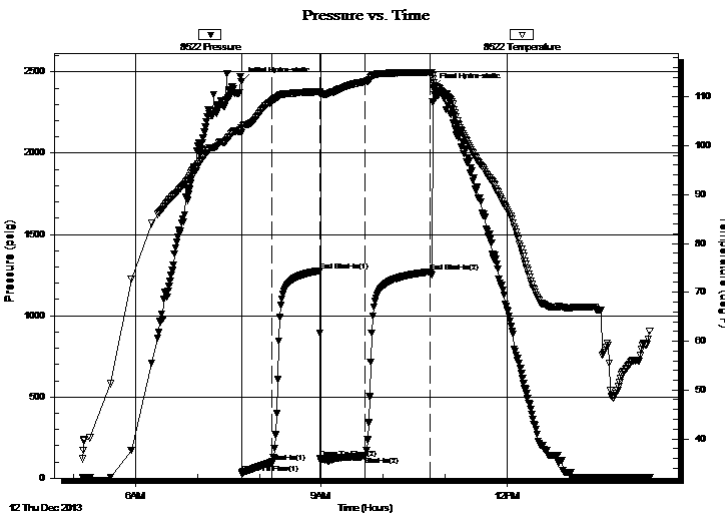
Serial #: 8522

Outside

Press@RunDepth: 133.20 psig @ 4786.00 ft (KB)
 Start Date: 2013.12.12 End Date: 2013.12.12
 Start Time: 05:09:05 End Time: 14:18:30
 Capacity: 8000.00 psig
 Last Calib.: 2013.12.12
 Time On Btm: 2013.12.12 @ 07:42:45
 Time Off Btm: 2013.12.12 @ 10:48:15

TEST COMMENT: IF: BOB @ 9 min.
 IS: 1" return.
 FF: BOB @ 9 min.
 FS: 1" return.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2442.75	103.74	Initial Hydro-static
1	28.74	102.71	Open To Flow (1)
29	97.07	109.00	Shut-In(1)
76	1277.29	111.07	End Shut-In(1)
77	121.44	110.68	Open To Flow (2)
120	133.20	113.11	Shut-In(2)
183	1269.77	115.01	End Shut-In(2)
186	2402.03	113.64	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
240.00	gmco 50g 10m 40o	1.18
75.00	gmco 15g 40m 45o	0.96
0.00	630 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 67846
ATTN: Kevin Timson

33 23s 32w Finney,KS
DeRemus #4-33
Job Ticket: 55616 **DST#: 2**
Test Start: 2013.12.12 @ 05:09:00

Tool Information

Drill Pipe:	Length: 4518.00 ft	Diameter: 3.80 inches	Volume: 63.38 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 250.00 ft	Diameter: 2.25 inches	Volume: 1.23 bbl	Weight to Pull Loose: 83000.00 lb
			<u>Total Volume: 64.61 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	10.00 ft			String Weight: Initial 70000.00 lb
Depth to Top Packer:	4785.00 ft			Final 72000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	18.00 ft			
Tool Length:	45.00 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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Change Over Sub	1.00			4759.00	
Shut In Tool	5.00			4764.00	
Hydraulic tool	5.00			4769.00	
Jars	5.00			4774.00	
Safety Joint	2.00			4776.00	
Packer	5.00			4781.00	27.00 Bottom Of Top Packer
Packer	4.00			4785.00	
Stubb	1.00			4786.00	
Recorder	0.00	8678	Inside	4786.00	
Recorder	0.00	8522	Outside	4786.00	
Perforations	14.00			4800.00	
Bullnose	3.00			4803.00	18.00 Bottom Packers & Anchor

Total Tool Length: 45.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior, Inc
PO Box 399
Garden City, KS 67846
ATTN: Kevin Timson

33 23s 32w Finney,KS
DeRemus #4-33
Job Ticket: 55616 **DST#: 2**
Test Start: 2013.12.12 @ 05:09:00

Mud and Cushion Information

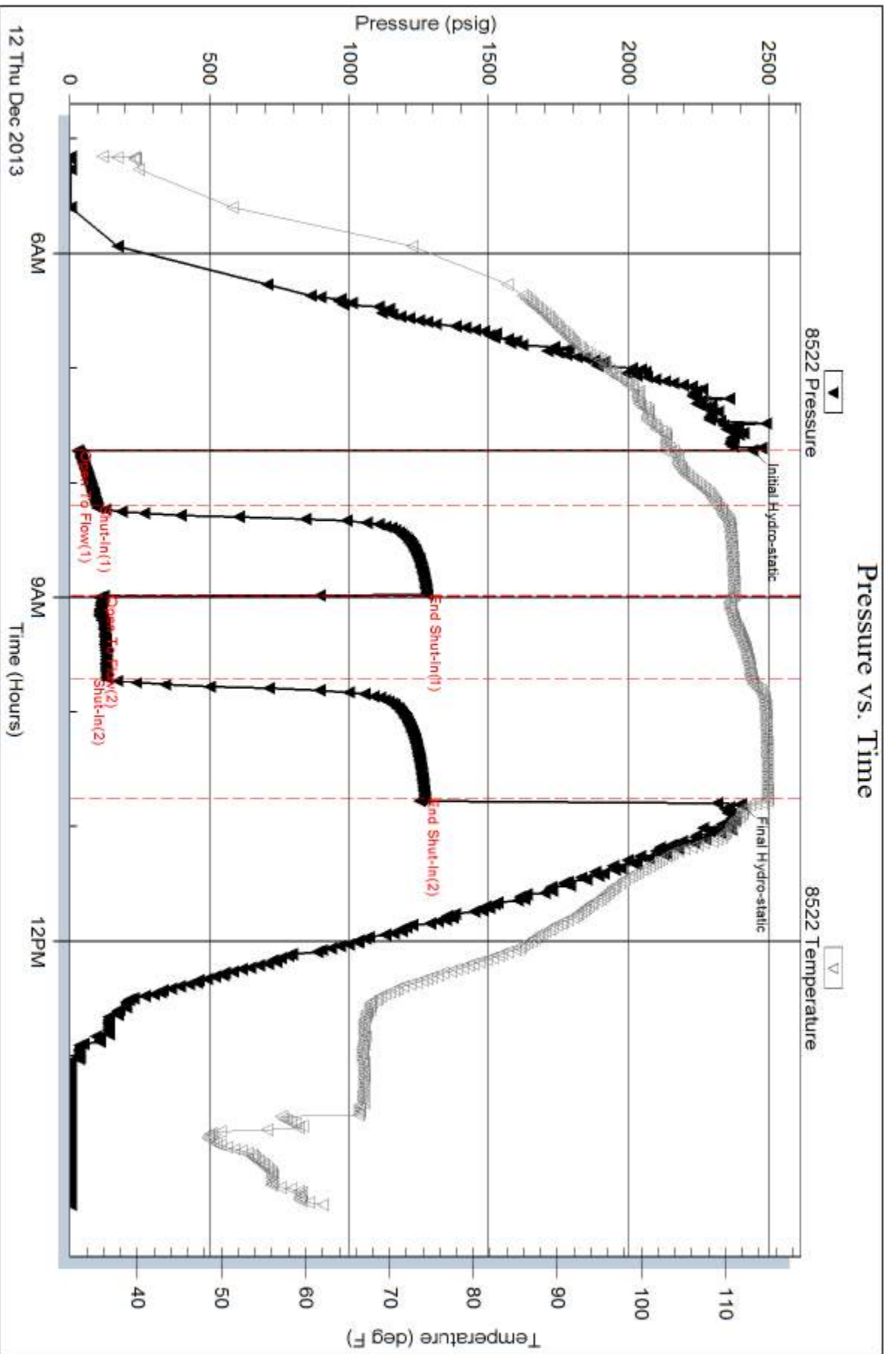
Mud Type: Gel Chem	Cushion Type:	Oil API:	0 deg API
Mud Weight: 10.00 lb/gal	Cushion Length: ft	Water Salinity:	0 ppm
Viscosity: 55.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.59 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 2500.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
240.00	gmco 50g 10m 40o	1.180
75.00	gmco 15g 40m 45o	0.961
0.00	630 GIP	0.000

Total Length: 315.00 ft Total Volume: 2.141 bbl
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:



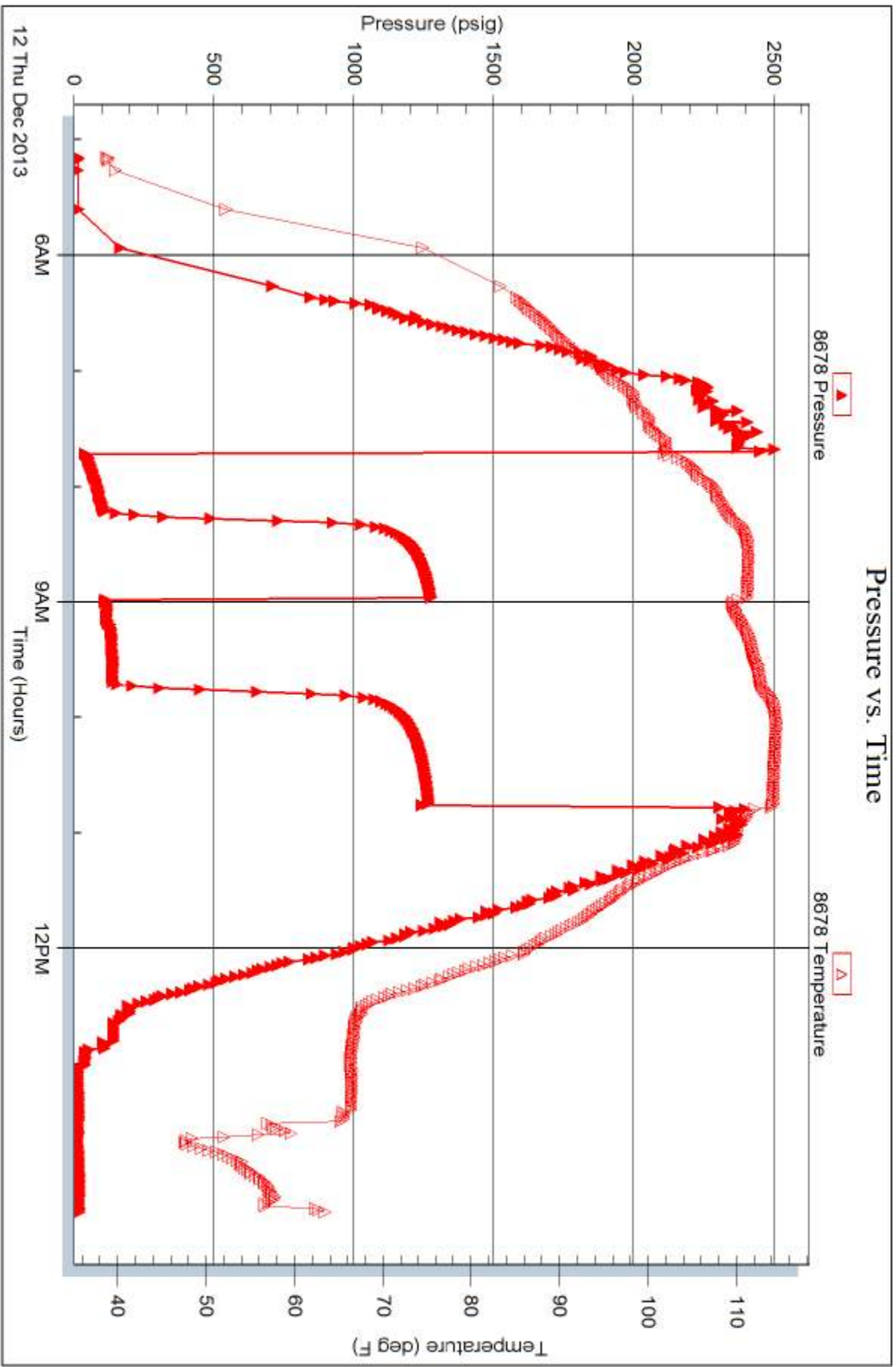
Serial #: 8678

Inside

American Warrior, Inc

DeRemus #4-33

DST Test Number: 2





TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. **55615**

Well Name & No. DeRemus 4-33 Test No. 1 Date 12/11/12
 Company American Warrior, Inc Elevation 2850 KB 2839 GL
 Address PO Box 399 Garden City, ks 67846
 Co. Rep/Geo. Kevin Timson Rig Duke #5
 Location: Sec. 33 Twp. 23 S Rge. 32 W Co. Finney State Ks

Interval Tested 4785 - 4803 Zone Tested St. Louis
 Anchor Length 18 Drill Pipe Run 4518 Mud Wt. 9.5
 Top Packer Depth 4780 Drill Collars Run 250 Vis 57
 Bottom Packer Depth 4785 Wt. Pipe Run 0 WL 7.6
 Total Depth 4803 Chlorides 2500 ppm System LCM 1.5#

Blow Description Tool hit bridge
Came out to recondition hole

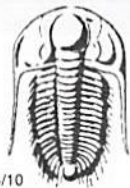
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of <u>N/A</u>				
Rec	Feet of				
Rec	Feet of				
Rec	Feet of				

Rec Total 0 BHT Gravity API RW @ ° F Chlorides ppm

(A) Initial Hydrostatic Test 1050 T-On Location 0505 1800
 (B) First Initial Flow Jars 250 T-Started 0509 1950
 (C) First Final Flow N/A Safety Joint 75 T-Open 0738 2150
 (D) Initial Shut-In Circ Sub N/C T-Pulled 1038 2155
 (E) Second Initial Flow Hourly Standby T-Out 2351
 (F) Second Final Flow Mileage 77 RT 119.35 Comments
 (G) Final Shut-In Sampler
 (H) Final Hydrostatic Straddle Ruined Shale Packer
 Shale Packer Ruined Packer
 Extra Packer Extra Copies
 Extra Recorder Sub Total 0
 Day Standby Total 1494.35
 Accessibility MP/DST Disc't
 Sub Total 1494.35

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. **55616**

Well Name & No. DeRemos 4-33 Test No. 2 Date 12/12/13
 Company American Warrior, Inc Elevation 2950 KB 2839 GL
 Address P.O. Box 399 Garden City, KS 67846
 Co. Rep / Geo. Kevin Timson Rig Duke #5
 Location: Sec. 33 Twp. 23S Rge. 32W Co. Finney State KS

Interval Tested 4785 4803 Zone Tested St. Louis
 Anchor Length 18 Drill Pipe Run 4518 Mud Wt. 9.5
 Top Packer Depth 4780 Drill Collars Run 250 Vis 5.5
 Bottom Packer Depth 4785 Wt. Pipe Run 0 WL 7.6
 Total Depth 4803 Chlorides 2500 ppm System LCM 1.5#

Blow Description IF: BOB @ 9min
ISI: 1" return.
FF: BOB @ 9min.
FSI: 1" return.

Rec	Feet of	%gas	%oil	%water	%mud
<u>75</u>	<u>GMCO</u>	<u>15</u>	<u>45</u>	<u>40</u>	
<u>240</u>	<u>GMCO</u>	<u>50</u>	<u>40</u>	<u>10</u>	
	<u>630' GIP</u>				

Rec Total 315 BHT 115 Gravity — API RW — @ — °F Chlorides — ppm

(A) Initial Hydrostatic <u>2443</u>	<input checked="" type="checkbox"/> Test <u>1250</u>	T-On Location <u>0500</u>
(B) First Initial Flow <u>29</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>0509</u>
(C) First Final Flow <u>97</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>0738</u>
(D) Initial Shut-In <u>1277</u>	<input checked="" type="checkbox"/> Circ Sub <u>4/c</u>	T-Pulled <u>1038</u>
(E) Second Initial Flow <u>121</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>1418</u>
(F) Second Final Flow <u>133</u>	<input checked="" type="checkbox"/> Mileage <u>77 RT</u> <u>119.35</u>	Comments
(G) Final Shut-In <u>1270</u>	<input type="checkbox"/> Sampler	
(H) Final Hydrostatic <u>2402</u>	<input type="checkbox"/> Straddle	<input type="checkbox"/> Ruined Shale Packer
	<input type="checkbox"/> Shale Packer	<input type="checkbox"/> Ruined Packer
Initial Open <u>30</u>	<input type="checkbox"/> Extra Packer	<input type="checkbox"/> Extra Copies
Initial Shut-In <u>45</u>	<input type="checkbox"/> Extra Recorder	Sub Total <u>0</u>
Final Flow <u>45</u>	<input type="checkbox"/> Day Standby	Total <u>1694.35</u>
Final Shut-In <u>60</u>	<input type="checkbox"/> Accessibility	MP/DST Disc't
	Sub Total <u>1694.35</u>	

Approved By _____ Our Representative [Signature]

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Geological Report

American Warrior, Inc.

DeRemus #4-33

1995' FNL & 1527' FWL

Sec. 33, T23s, R32w

Finney County, Kansas



American Warrior, Inc.

General Data

Well Data: American Warrior, Inc.
DeRemus #4-33
1995' FNL & 1527' FWL
Sec. 33, T23s, R32w
Finney County, Kansas
API # 15-055-22260-00-00

Drilling Contractor: Duke Drilling Co. Rig #5

Geologist: Kevin Timson

Spud Date: December 3, 2013

Completion Date: December 13, 2013

Elevation 2839' G.L.
2850' K.B.

Directions: From Garden City, KS, at the intersection of Mary St. and Jennie Barker St. Go North on Jennie Barker 2 miles to Rodkey Rd. Go West ½ mile on Rodkey and South on lease road just West of A Frame house and west into location.

Casing: 1160' 8 5/8" #23 Surface Casing
4845' 5 ½" #17 Production Casing

Samples: 3800' to RTD 10' Wet & Dry

Drilling Time: 3800' to RTD

Electric Logs: Pioneer Energy Services "C. Desaire"
Full Sweep

Drillstem Tests: One-Trilobite Testing "Bradley Walter"

Problems: Tight hole-9hr short trip-hit bridge with test tool.

Formation Tops

DeRemus #4-33

Sec. 33, T23s, R32w

1995' FNL & 1527' FWL

Anhydrite	1870' +980
Base	1948' +902
Heebner	3843' -993
Lansing	3885' -1035
Stark	4248' -1398
Bkc	4395' -1545
Marmaton	4419' -1569
Pawnee	4489' -1639
Fort Scott	4515' -1665
Cherokee	4528' -1678
Morrow	4691' -1841
St. Louis	4719' -1869
RTD	4850' -2000
LTD	4849' -1999

Sample Zone Descriptions

St. Louis (4719', -1869): Covered in DST #1

Ls. Tan. Sub crystalline. Fair to good oomoldic and oolycastic porosity. Fair stain and fair saturation in porosity. Show of free oil when broken. Good odor.

Drill Stem Tests
 Trilobite Testing
 “Bradley Walter”

DST #1

St. Louis

Interval (4785’ - 4803’) Anchor Length 18’

IHP	-2443 #	
IFP	- 30” – BOB in 9 min	29-97 #
ISI	- 45” – 1” Return	1277 #
FFP	- 45” – BOB in 9 min	121-133 #
FSIP	- 60” – 1” Return	1270 #
FHP	- 2402 #	
BHT	- 115° F	

Recovery: 630’ GIP
 75’ GMCO (45% Oil)
 240’ GMCO (40% Oil)

Structural Comparison

	American Warrior, Inc. DeRemus #4-33 Sec. 33, T23s, R32w 1995’ FNL & 1527’ FWL		American Warrior, Inc. M. DeRemus #2 Sec. 33, T23s, R32w 2240’ FNL & 2140’ FWL		American Warrior, Inc. Neeley #3 Sec 33, T23s, R32w 2196’ FNL & 1000’ FEL
Formation					
Heebner	3843’ -993	+2	3840’ -995	+18	3871’ -1011
Lansing	3885’ -1035	+2	3882’ -1037	+21	3916’ -1056
Stark	4248’ -1398	NA	NA	NA	NA
BKC	4395’ -1545	NA	NA	NA	NA
Marmaton	4419’ -1569	NA	NA	NA	NA
Pawnee	4489’ -1639	NA	NA	NA	NA
Fort Scott	4515’ -1665	FL	4510’ -1665	+23	4548’ -1688
Cherokee	4528’ -1678	+2	4525’ -1680	+22	4560’ -1700
Morrow	4691’ -1841	+6	4692’ -1847	+33	4734’ -1874
St. Louis	4719’ -1869	-4	4710’ -1865	+50	4779’ -1919

Summary

The location for the DeRemus #4-33 well was found via 3-D seismic survey. The new well ran structurally as expected. One drill stem test was conducted, which recovered commercial quantities of oil from the St. Louis Limestone. After all the gathered data had been examined, the decision was made to run 5 ½" production casing to further evaluate the DeRemus #4-33 well.

Perforations

Primary:	4793' - 4800'	St. Louis
Before Abandonment:	4490' - 4496'	Pawnee
	4521' - 4524'	Fort Scott

Respectfully Submitted,

Kevin Timson
American Warrior, Inc.

