



## DRILL STEM TEST REPORT

Prepared For: **American Warrior, Inc.**

PO Box 399  
Garden City, KS 67846

ATTN: Kevin Timson

### **Jenetta #3-14**

#### **14-19s-25w Ness,KS**

Start Date: 2013.11.26 @ 09:10:00

End Date: 2013.11.26 @ 17:29:20

Job Ticket #: 55556                      DST #: 1

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

Printed: 2013.11.27 @ 10:47:25



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

American Warrior, Inc.

**14-19s-25w Ness,KS**

PO Box 399  
Garden City, KS 67846

**Jenetta #3-14**

Job Ticket: 55556

**DST#: 1**

ATTN: Kevin Timson

Test Start: 2013.11.26 @ 09:10:00

## GENERAL INFORMATION:

Formation: **Mississippian**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 11:45:00

Time Test Ended: 17:29:20

Test Type: Conventional Bottom Hole (Initial)

Tester: Chuck Smith

Unit No: 62

**Interval: 4390.00 ft (KB) To 4450.00 ft (KB) (TVD)**

Reference Elevations: 2389.00 ft (KB)

Total Depth: 4450.00 ft (KB) (TVD)

2378.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 11.00 ft

**Serial #: 6741**

**Inside**

Press@RunDepth: 244.13 psig @ 4391.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.11.26

End Date:

2013.11.26

Last Calib.:

2013.11.26

Start Time: 09:10:02

End Time:

17:29:19

Time On Btm:

2013.11.26 @ 11:43:50

Time Off Btm:

2013.11.26 @ 14:49:00

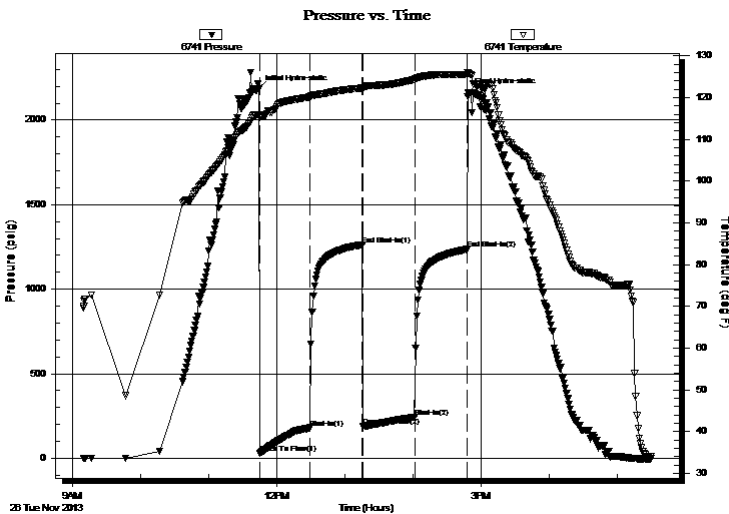
TEST COMMENT: B.O.B. @ 35 min.

No return.

11" Blow .

No return.

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2183.57	115.93	Initial Hydro-static
2	28.01	115.28	Open To Flow (1)
46	179.58	120.13	Shut-In(1)
92	1263.49	122.28	End Shut-In(1)
93	187.42	122.06	Open To Flow (2)
138	244.13	124.31	Shut-In(2)
184	1236.21	125.52	End Shut-In(2)
186	2163.38	125.72	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
313.00	OSMW 20m 80w	1.54
186.00	OSM 100m	2.61
15.00	OCM 5o 95m	0.21

## Gas Rates

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



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# DRILL STEM TEST REPORT

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PO Box 399  
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**Jenetta #3-14**

Job Ticket: 55556

**DST#: 1**

ATTN: Kevin Timson

Test Start: 2013.11.26 @ 09:10:00

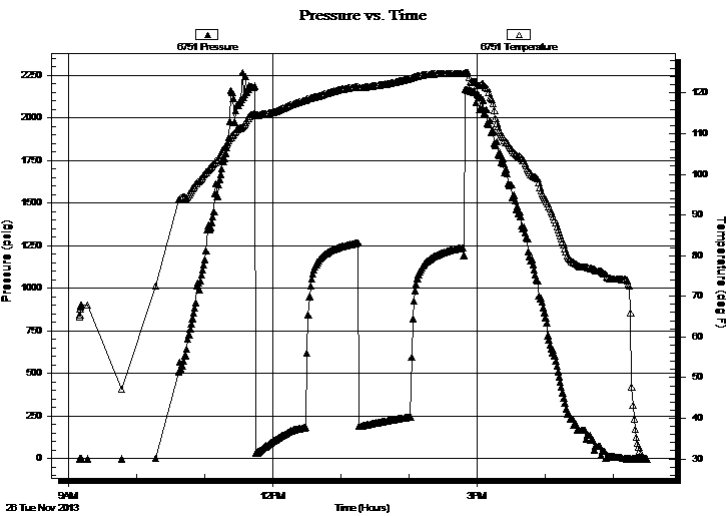
## GENERAL INFORMATION:

Formation: **Mississippian**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 11:45:00  
 Time Test Ended: 17:29:20  
 Interval: **4390.00 ft (KB) To 4450.00 ft (KB) (TVD)**  
 Total Depth: 4450.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Good  
 Test Type: Conventional Bottom Hole (Initial)  
 Tester: Chuck Smith  
 Unit No: 62  
 Reference Elevations: 2389.00 ft (KB)  
 2378.00 ft (CF)  
 KB to GR/CF: 11.00 ft

**Serial #: 6751 Outside**

Press@RunDepth: psig @ 4391.00 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2013.11.26 End Date: 2013.11.26 Last Calib.: 2013.11.26  
 Start Time: 09:09:52 End Time: 17:29:30 Time On Btm:  
 Time Off Btm:

TEST COMMENT: B.O.B. @ 35 min.  
 No return.  
 11" Blow .  
 No return.



## PRESSURE SUMMARY

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

## Recovery

Length (ft)	Description	Volume (bbl)
313.00	OSMW 20m 80w	1.54
186.00	OSM 100m	2.61
15.00	OCM 5o 95m	0.21

## Gas Rates

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



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

American Warrior, Inc.

**14-19s-25w Ness,KS**

PO Box 399  
Garden City, KS 67846

**Jenetta #3-14**

Job Ticket: 55556

**DST#: 1**

ATTN: Kevin Timson

Test Start: 2013.11.26 @ 09:10:00

## Tool Information

Drill Pipe:	Length: 4079.00 ft	Diameter: 3.80 inches	Volume: 57.22 bbl	Tool Weight: 2300.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 313.00 ft	Diameter: 2.25 inches	Volume: 1.54 bbl	Weight to Pull Loose: 75000.00 lb
			<u>Total Volume: 58.76 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	29.50 ft			String Weight: Initial 71000.00 lb
Depth to Top Packer:	4390.00 ft			Final 72000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	60.00 ft			
Tool Length:	87.50 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

## Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4363.50	
Shut In Tool	5.00			4368.50	
Hydraulic tool	5.00			4373.50	
Jars	5.00			4378.50	
Safety Joint	2.50			4381.00	
Packer	5.00			4386.00	27.50 Bottom Of Top Packer
Packer	4.00			4390.00	
Stubb	1.00			4391.00	
Recorder	0.00	6741	Inside	4391.00	
Recorder	0.00	6751	Outside	4391.00	
Perforations	23.00			4414.00	
Change Over Sub	1.00			4415.00	
Drill Pipe	31.00			4446.00	
Change Over Sub	1.00			4447.00	
Bullnose	3.00			4450.00	60.00 Bottom Packers & Anchor

**Total Tool Length: 87.50**



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## FLUID SUMMARY

American Warrior, Inc.

**14-19s-25w Ness,KS**

PO Box 399  
Garden City, KS 67846

**Jenetta #3-14**

Job Ticket: 55556

**DST#: 1**

ATTN: Kevin Timson

Test Start: 2013.11.26 @ 09:10:00

### Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

27000 ppm

Viscosity: 50.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.97 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3500.00 ppm

Filter Cake: 1.00 inches

### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
313.00	OSMW 20m 80w	1.539
186.00	OSM 100m	2.609
15.00	OCM 5o 95m	0.210

Total Length: 514.00 ft      Total Volume: 4.358 bbl

Num Fluid Samples: 0

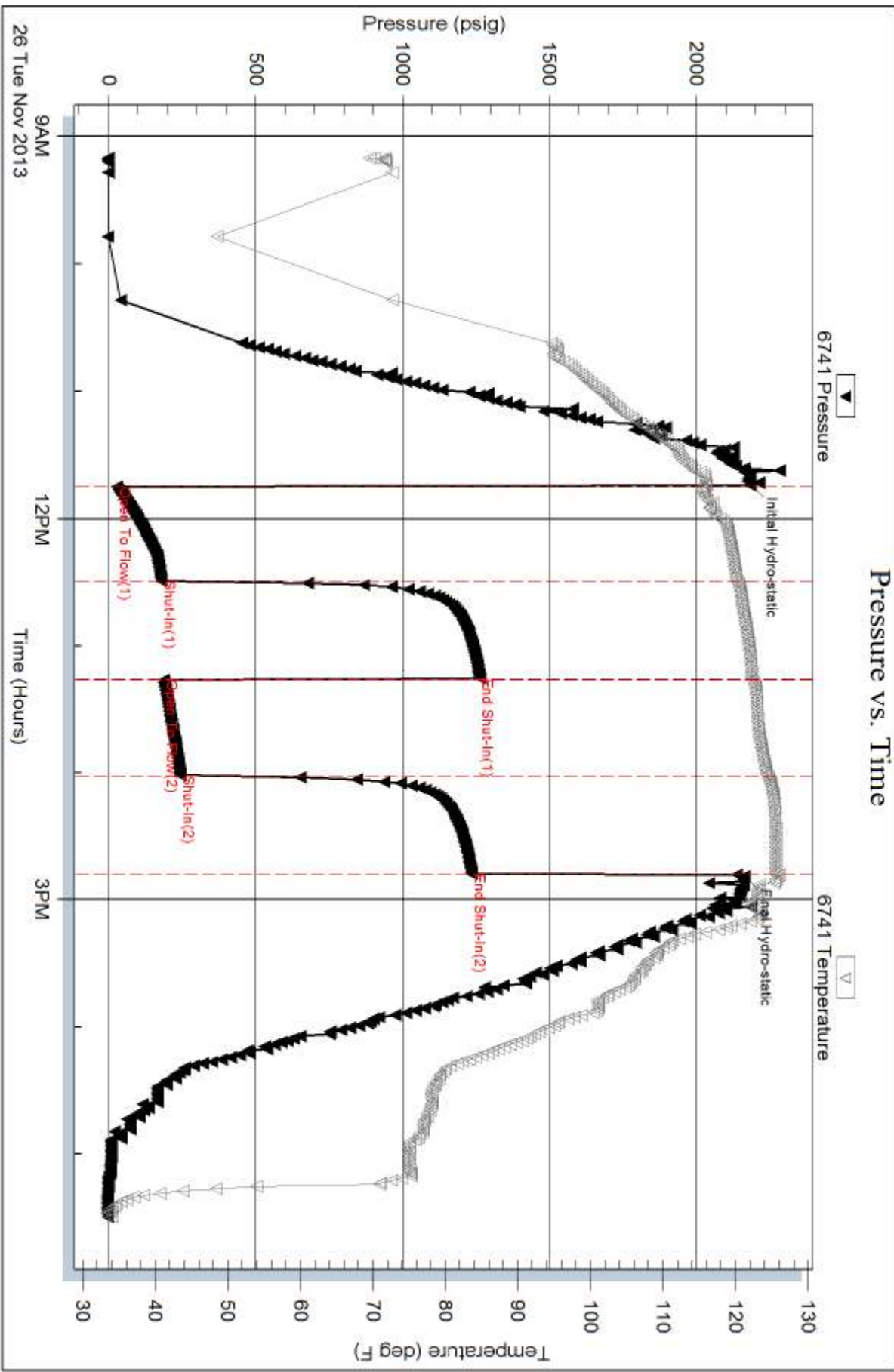
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW: .400 @ 45 Degrees F = 27000 PPM

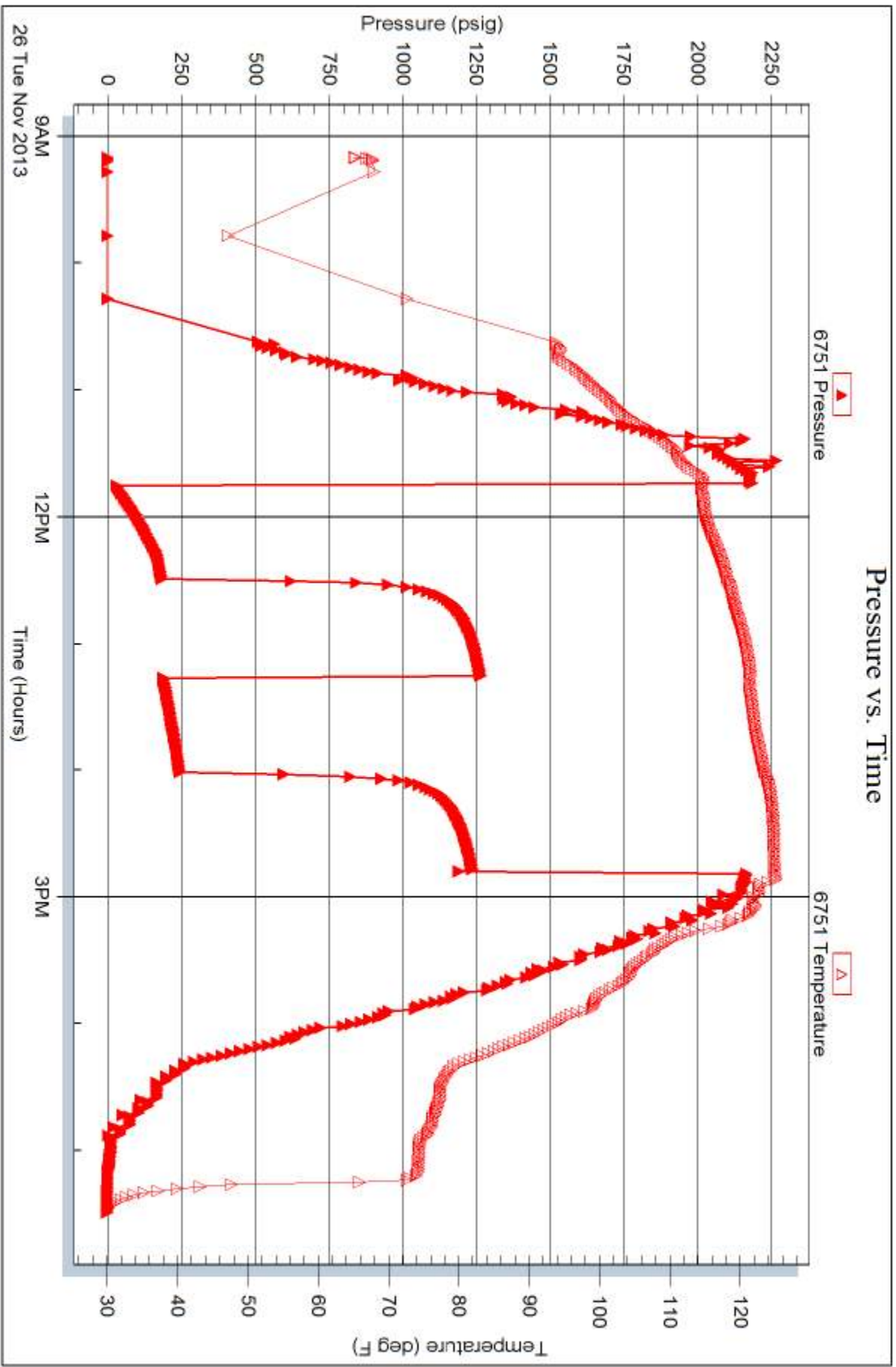


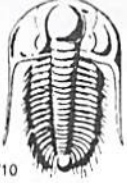
Serial #: 6751

Outside American Warrior, Inc.

Jenetta #3-14

DST Test Number: 1





# TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

## Test Ticket

NO. **55556**

Well Name & No. Jenetta #3-14 Test No. 1 Date 11-26-13  
 Company American Warriors Inc. Elevation 2389 KB 2378 GL  
 Address POB.399 Garden City, KS 67846  
 Co. Rep / Geo. Kevin Timson Rig Duke 5  
 Location: Sec. 14 Twp. 19s Rge. 25w Co. Ness State Ks

Interval Tested 4390-4450 Zone Tested Mississippian  
 Anchor Length 60 Drill Pipe Run 4079 Mud Wt. 9.4  
 Top Packer Depth 4386 Drill Collars Run 313 Vis 50  
 Bottom Packer Depth 4390 Wt. Pipe Run 0 WL 80  
 Total Depth 4450 Chlorides 3500 ppm System LCM 1<sup>st</sup>  
 Blow Description B.O.B. @ 35 min.  
No return.  
11" Blow.  
No return.

Rec	Feet of	%gas	%oil	%water	%mud
Rec <u>15</u>	Feet of <u>OCM</u>	%gas	<u>5</u> %oil	%water <u>95</u>	%mud
Rec <u>186</u>	Feet of <u>OSM</u>	%gas	%oil	%water <u>100</u>	%mud
Rec <u>313</u>	Feet of <u>OSMW</u>	%gas	%oil <u>80</u>	%water <u>20</u>	%mud
Rec _____	Feet of _____	%gas	%oil	%water	%mud

Rec Total 514 BHT 126 Gravity - API RW .400 @ 45 ° F Chlorides 27000 ppm

(A) Initial Hydrostatic <u>2184</u>	<input checked="" type="checkbox"/> Test <u>1250</u>	T-On Location <u>8:45</u>
(B) First Initial Flow <u>28</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>9:10</u>
(C) First Final Flow <u>180</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>11:45</u>
(D) Initial Shut-In <u>1263</u>	<input checked="" type="checkbox"/> Circ Sub <u>N/C</u>	T-Pulled <u>14:48</u>
(E) Second Initial Flow <u>187</u>	<input type="checkbox"/> Hourly Standby _____	T-Out <u>17:29</u>
(F) Second Final Flow <u>244</u>	<input checked="" type="checkbox"/> Mileage <u>102RT</u> <u>158.10</u>	Comments _____
(G) Final Shut-In <u>1236</u>	<input type="checkbox"/> Sampler _____	_____
(H) Final Hydrostatic <u>2163</u>	<input type="checkbox"/> Straddle _____	<input type="checkbox"/> Ruined Shale Packer _____
Initial Open <u>45</u>	<input type="checkbox"/> Shale Packer _____	<input type="checkbox"/> Ruined Packer _____
Initial Shut-In <u>45</u>	<input type="checkbox"/> Extra Packer _____	<input type="checkbox"/> Extra Copies _____
Final Flow <u>45</u>	<input type="checkbox"/> Extra Recorder _____	Sub Total <u>0</u>
Final Shut-In <u>45</u>	<input type="checkbox"/> Day Standby _____	Total <u>1733.10</u>
	<input type="checkbox"/> Accessibility _____	MP/DST Disc't _____
	Sub Total <u>1733.10</u>	

Approved By \_\_\_\_\_ Our Representative Chuck Smith

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