

Geological Report

American Warrior, Inc.

Ruff #1-12 Twin

1126' FSL & 2299' FWL

Sec. 12, T22s, R22w

Hodgeman County, Kansas



American Warrior, Inc.

General Data

Well Data:	American Warrior, Inc. Ruff #1-12 Twin 1126' FSL & 2299' FWL Sec. 12, T22s, R22w Hodgeman County, Kansas API # 15-083-21874-0000
Drilling Contractor:	Duke Drilling Co. Rig #5
Geologist:	Kevin Timson
Spud Date:	December 27, 2012
Completion Date:	January 4, 2013
Elevation	2151' Ground Level 2162' Kelly Bushing
Directions:	From Hanston, KS. Go East on Hwy 156 1 mile to 229 Rd. Go North 1.2 miles on 229 Rd. and East into location.
Casing:	#28 8 5/8" surface casing set @ 1184' with 450 sacks Class A, 3% c.c, 2% gel.
Samples:	4300' to RTD 10' wet and dry,
Drilling Time:	4300' to RTD
Electric Logs:	None
Drillstem Tests:	Two Trilobite Testing "Andy Carreira"
Remarks:	None

Formation Tops

Formation

Fort Scott

Cherokee

Miss Osage

RTD

American Warrior, Inc.

Ruff #1-12 Twin

Sec. 12, T22s, R22w

1126' FSL & 2299' FWL

4315' -2153

4341' -2179

4392' -2230

4398' -2236

Sample Zone Descriptions

Mississippian Osage (4392', -2230): Covered in DST #1 and DST #2

Δ -wt. Triptolitic. Fair to good stain. Poor saturation. Show of free oil. Fair odor.

Drill Stem Tests
Trilobite Testing Inc.
"Andy Carreira"

DST #1

Mississippian Osage

Interval (4356' – 4395') Anchor Length 39'

IHP	- 2231 #	
IFP	- 30" – Built to ½" decreased to WSB	19-32 #
ISI	- 30" – No Return	1174 #
FFP	- 30" – No Blow	36-41 #
FSIP	- 30" – No Return	1120 #
FHP	- 2134 #	
BHT	- Not Recorded	

Recovery: 10' Mud with oil specks in tool

DST #2

Mississippian Osage

Interval (4357' – 4398') Anchor Length 41'

IHP	- 2168#	
IFP	- 45" – Surface blow built to 6"	24-78 #
ISI	- 45" – No Return	1283 #
FFP	- 45" – Surface blow built to 5"	85-129 #
FSIP	- 45" – No Return	1261 #
FHP	- 2130#	
BHT	- Not Recorded	

Recovery: 1' CO
200' SOSMW (Trace O, 80% Water, 20% Mud)

Structural Comparison

Formation Fort Scott Cherokee Miss Osage	American Warrior, Inc.		American Warrior, Inc.
	Ruff #1-12 Twin		Ruff #1-12
	Sec. 12, T22s, R22w		Sec. 12, T22s, R22w
	1126' FSL & 2299' FWL		1042' FSL & 2234' FWL
	4315' -2153	-1	4314' -2152
	4341' -2179	-2	4339' -2177
	4392' -2230	-3	4389' -2227

Summary

The location for the Ruff #1-12 Twin well was found via geo 3-D Seismic survey. Two drill stem tests were conducted, which were negative. After all the gathered data had been examined the decision was made to plug and abandon the Ruff #1-12 Twin well.

Respectfully Submitted,

Kevin Timson
American Warrior, Inc.