

Geological Report

American Warrior, Inc.

Fritz #1-29

1860' FSL & 1880' FEL

Sec. 29 T18s R21w

Ness County, Kansas



American Warrior, Inc.

General Data

Well Data: American Warrior, Inc.
Fritz #1-29
1860' FSL & 1880' FEL
Sec. 29 T18s R21w
Ness County, Kansas
API # 15-135-25769-0000

Drilling Contractor: Petromark Drilling, LLC. Rig #1

Geologist: Jason T Alm

Spud Date: May 27, 2014

Completion Date: June 4, 2014

Elevation: 2114' Ground Level
2120' Kelly Bushing

Directions: Bazine KS, East 1 ½ mi. to FF Rd. North ½ mi.
West into location.

Casing: 1373' 8 5/8" surface casing
4223' 5 1/2" production casing

Samples: 10' wet and dry, 3800' to RTD

Drilling Time: 3500' to RTD

Electric Logs: None

Drillstem Tests: Two, Trilobite Testing, Inc. "Phillip Gage"

Problems: None

Remarks: None

Formation Tops

	American Warrior, Inc. Fritz #1-29 Sec. 29 T18s R21w 1860' FSL & 1880' FEL
Formation	
Anhydrite	1357', +763
Base	1390', +730
Heebner	3590', -1470
Lansing	3636', -1516
BKc	3954', -1834
Pawnee	4036', -1916
Fort Scott	4112', -1992
Cherokee	4130', -2010
Mississippian	4201', -2081
Osage	4209', -2089
RTD	4224', -2104

Sample Zone Descriptions

Cherokee "A" Sand (4134', -2014): **Covered in DST #1**
 Ss – Fine to medium grained, fairly sorted, fairly cemented, sub-rounded with poor to fair inter-granular porosity, light to fair spotted oil stain in cluster, show of free oil, no odor, dull yellow fluorescents, many random grains, 15 units hotwire.

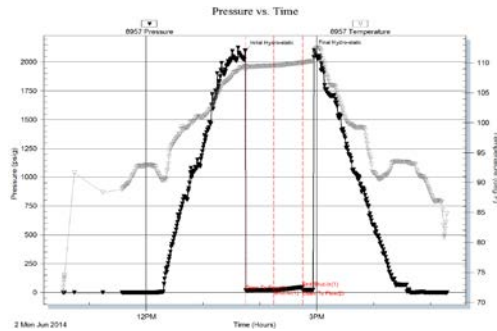
Mississippian Osage (4209', -2089): **Covered in DST #2**
 Δ – Dolo – Fine sucrosic crystalline with poor to fair scattered inter-crystalline porosity, heavy slightly triptolic to triptolic chert, weathered with fair to good scattered vuggy porosity, light to good oil stain and saturation, good show of free oil, good odor, 102 units hotwire.

Drill Stem Tests
Trilobite Testing, Inc.
"Phillip Gage"

DST #1 Cherokee "A" Sand

Interval (4125' – 4166') Anchor Length 41'
 IHP – 2100 #
 IFP – 30" – W.S.B. 18-21 #
 ISI – 30" – Dead 46 #
 FFP – 10" – Dead 20 #
 FHP – 2102 #
 BHT – 111°F

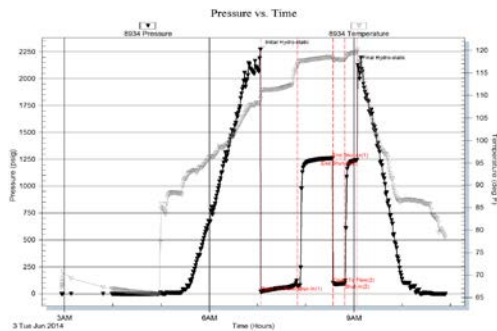
Recovery: 5' VSOCM 1% Oil



DST #2 Mississippian Osage

Interval (4210' – 4219') Anchor Length 9'
 IHP – 2267 #
 IFP – 45" – B.O.B. 39 min. 18-73 #
 ISI – 45" – W.S.B. 1261 #
 FFP – 15" – Built to 4 ½ in. 101-94 #
 FSI – 15" – Built to ¼ in. 1245 #
 FHP – 2124 #
 BHT – 120°F

Recovery: 171' GIP
 15' GCO
 63' VSMOCG 40% Oil
 120' VSWGOCM 10% Oil, 5% Water



Structural Comparison

Formation	American Warrior, Inc. Fritz #1-29 Sec. 29 T18s R21w 1860' FSL & 1880' FEL	American Warrior, Inc. LaDonna #3-29 Sec. 29 T18s R21w 1800' FSL & 2296' FWL		Palomino Petroleum Slover J #2 Sec. 28 T18s R21w 1853' FSL & 875' FWL	
Anhydrite	1357', +763	1366', +759	(+4)	1349', +767	(-4)
Base	1390', +730	1402', +723	(+7)	1379', +737	(-7)
Heebner	3590', -1470	3596', -1471	(+1)	3572', -1456	(-14)
Lansing	3636', -1516	3642', -1517	(+1)	3617', -1501	(-15)
BKc	3954', -1834	3959', -1834	FL	NA	NA
Pawnee	4036', -1916	4042', -1917	(+1)	4017', -1901	(-15)
Fort Scott	4112', -1992	4117', -1992	FL	4093', -1977	(-15)
Cherokee	4130', -2010	4135', -2010	FL	4109', -1993	(-17)
Mississippian	4201', -2081	4209', -2084	(+3)	NA	
Osage	4209', -2089	4215', -2090	(+1)	4190', -2074	(-15)

Summary

The location for the Fritz #1-29 was found via 3-D seismic survey. The new well ran structurally as expected. Two Drill Stem Tests were conducted one of which recovered commercial amounts of oil from the Mississippian Osage Formation. After all gathered data had been examined the decision was made to run 5 ½ inch production casing to further evaluate the Fritz #1-29 well.

Recommended Perforations

Mississippian Osage

(4209' – 4219')

DST #1

Respectfully Submitted,

Jason T Alm
Hard Rock Consulting, Inc.