

Geological Report

American Warrior, Inc.

B-F Unit #1

200' FNL & 1375' FEL

Sec. 24 T18s R22w

Ness County, Kansas



American Warrior, Inc.

General Data

Well Data: American Warrior, Inc.
B-F Unit #1
200' FNL & 1375' FEL
Sec. 24 T18s R22w
Ness County, Kansas
API # 15-135-25763-0000

Drilling Contractor: Petromark Drilling, LLC. Rig #1

Geologist: Jason T Alm

Spud Date: April 14, 2014

Completion Date: April 23, 2014

Elevation: 2147' Ground Level
2153' Kelly Bushing

Directions: Bazine KS, at the intersection of Hwy 96 and Austin St. North 2 mi. to 150 Rd. West ¼ mi. South into location.

Casing: 222' 8 5/8" surface casing
4242' 5 1/2" production casing

Samples: 10' wet and dry, 3900' to RTD

Drilling Time: 3600' to RTD

Electric Logs: None

Drillstem Tests: Three, Trilobite Testing, Inc. "Bob Hamel"

Problems: DST #1 was a mis-run due to packers failing to hold. While cutting the Labette shale and the Fort Scott Limestone the computer running gas detection software was having issues.

Remarks: Due to the computer having issues while cutting the Labette shale there was no constant to set gas calibration. Lack of calibration led to the Mississippian gas kicks to be higher than normal.

Formation Tops

Formation	American Warrior, Inc. B-F Unit #1 Sec. 24 T18s R22w 200' FNL & 1375' FEL
Anhydrite	1418', +735
Base	1455', +698
Heebner	3612', -1459
Lansing	3659', -1506
BKc	3974', -1821
Pawnee	4061', -1908
Fort Scott	4137', -1984
Cherokee	4157', -2004
Mississippian	4230', -2077
RTD	4243', -2090

Sample Zone Descriptions

Mississippian Osage (4230', -2077): **Covered in DST #2,3**

Dolo – Δ – Fine sucrosic crystalline with poor to fair inter-crystalline and scattered vuggy porosity, heavy triptolic chert, weathered with fair vuggy porosity, light to fair oil stain in porosity, slight show of free oil, good odor, bright yellow fluorescents, 210-300 units hotwire.

Structural Comparison

	American Warrior, Inc. B-F Unit #1 Sec. 24 T18s R22w 200' FNL & 1375' FEL	High Plains Oil Exploration Wunder A #1 Sec. 24 T18s R22w SE SE SE		American Warrior, Inc. Baumgarten Unit #1-24 Sec. 24 T18s R22w 2550' FSL & 335' FEL	
Formation					
Anhydrite	1418', +735	1423', +732	(+3)	1419', +736	(-1)
Base	1455', +698	1459', +696	(+2)	1452', +703	(-5)
Heebner	3612', -1459	3622', -1467	(+8)	3618', -1463	(-4)
Lansing	3659', -1506	3669', -1514	(+8)	3662', -1507	(+1)
BKc	3974', -1821	NA	NA	3976', -1821	FL
Pawnee	4061', -1908	4074', -1919	(+11)	4058', -1903	(-5)
Fort Scott	4137', -1984	4150', -1995	(+11)	4134', -1979	(-5)
Cherokee	4157', -2004	4171', -2016	(+12)	4155', -2000	(-4)
Mississippian	4230', -2077	4253', -2098	(+21)	4228', -2073	(-4)

Summary

The location for the B-F Unit #1 was found via 3-D seismic survey. The new well ran structurally as expected via the survey. Three 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 B-F Unit #1 well.

Recommended Perforations

Mississippian Osage (4230' – 4240') DST #2,3

Respectfully Submitted,

Jason T Alm
Hard Rock Consulting, Inc.