

Geological Report

W-D 27 Unit #1
2560' FNL & 2200' FEL
Sec. 27 T20s R22w
Ness County, Kansas



American Warrior, Inc.

General Data

Well Data:	American Warrior, Inc. W-D 27 Unit #1 2560' FNL & 2200' FEL Sec. 27 T20s R22w Ness County, Kansas API # 15-135-25983-0000
Drilling Contractor:	Discovery Drilling Rig #4
Geologist:	Jason T Alm
Spud Date:	December 9, 2017
Completion Date:	December 16, 2017
Elevation:	2170' Ground Level 2178' Kelly Bushing
Directions:	Bazine KS, South 11 mi. to 20 rd. West 2 mi. to BB rd. South ½ mi. West into location.
Casing:	211' 8 5/8" surface casing
Samples:	10' wet and dry, 4000' to RTD
Drilling Time:	3600' to RTD
Electric Logs:	None
Drillstem Tests:	None
Problems:	None
Remarks:	None

Formation Tops

	American Warrior, Inc.
	W-D 27 Unit #1
	Sec. 27 T20s R22w
	2560' FNL & 2200' FEL
Formation	
Anhydrite	1388' +793
Base	1420' +758
Heebner	3670' -1492
Lansing	3722' -1544
BKC	4038' -1860
Pawnee	4163' -1985
Fort Scott	4238' -2060
Cherokee	4261' -2083
Mississippian	4342' -2164
RTD	4355' -2177

Sample Zone Descriptions

No sample shows were encountered in well.

Structural Comparison

	American Warrior, Inc.		Woolsey Petro Co		Mack Oil Co.
	W-D 27 Unit #1		Vincent Narey A #1		Reader #1
	Sec. 27 T20s R22w		Sec. 27 T20s R22w		Sec. 27 T20s R22w
	2560' FNL & 2200' FEL		1980' FNL & 1980' FEL		SE NW
Formation					
Anhydrite	1388' +793		1395' +796	(-3)	NA
Base	1420' +758		NA	NA	NA
Heebner	3670' -1492		3681' -1490	(-2)	3668' -1488
Lansing	3722' -1544		3733' -1542	(-2)	3720' -1540
BKC	4038' -1860		NA	NA	4044' -1864
Pawnee	4163' -1985		4170' -1979	(-6)	NA
Fort Scott	4238' -2060		4250' -2059	(-1)	4240' -2060
Cherokee	4261' -2083		4274' -2083	FL	4262' -2082
Mississippian	4342' -2164		4337' -2146	(-18)	4326' -2146

Summary

The location for the W-D 27 Unit #1 was found via 3-D seismic survey. The new well ran structurally as expected via the survey on all datums except the Mississippian. No Drill Stem Tests were conducted due to lack of oil shows throughout the well. After all gathered data had been examined the decision was made to plug and abandon the W-D 27 Unit #1 well.

Respectfully Submitted,

Jason T Alm
Hard Rock Consulting, Inc.