

Geological Report

Deanna #1-35

600' FSL & 1000' FEL

Sec. 35 T20s R22w

Ness County, Kansas



American Warrior, Inc.

General Data

Well Data: American Warrior, Inc.
Deanna #1-35
600' FSL & 1000' FEL
Sec. 35 T20s R22w
Ness County, Kansas
API # 15-125-25989-0000

Drilling Contractor: Discovery Drilling Co. Inc. Rig #4

Geologist: Jason T Alm

Spud Date: February 5, 2018

Completion Date: February 13, 2018

Elevation: 2160' Ground Level
2168' Kelly Bushing

Directions: Bazine KS, South 11 mi. to 20 Rd. West 1 mi. to
CC Rd. South 2 mi. to county line Rd. West ½ mi.
North into location.

Casing: 211' 8 5/8" surface casing

Samples: 10' wet and dry, 3950' to RTD

Drilling Time: 3600' to RTD

Electric Logs: None

Drillstem Tests: One, Trilobite Testing, Inc. "Spencer Staab"

Problems: None

Remarks: None

Formation Tops

Formation	American Warrior, Inc.
	Deanna #1-35
	Sec. 35 T20s R22w
	600' FSL & 1000' FEL
Anhydrite	1339' +829
Base	1372' +796
Heebner	3653' -1485
Lansing	3704' -1536
BKC	4027' -1859
Pawnee	4144' -1976
Fort Scott	4216' -2048
Cherokee	4240' -2072
Mississippian	4319' -2151
Osage	4335' -2167
RTD	4336' -2147

Sample Zone Descriptions

Mississippian Osage (4335', -2167): **Covered in DST #1**
 Dolo – Δ – Fine crystalline with scattered poor vuggy porosity, light very scattered spotted oil stain, no show of free oil, light odor, heavy chert, white to light gray, fresh and angular, 8-10 units hotwire.

Drill Stem Tests

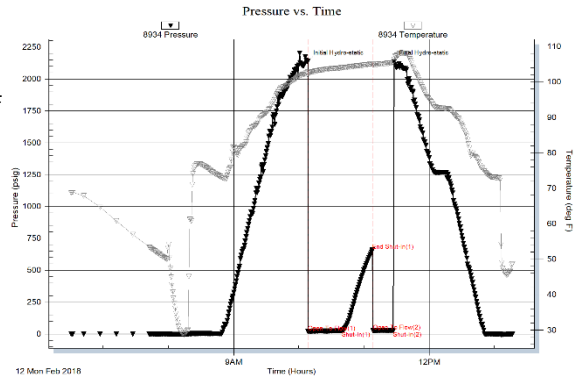
Trilobite Testing, Inc.
"Spencer Staab"

DST #1 Mississippian Osage

Interval (4260' – 4344') Anchor Length 84'

IHP	– 2097 #	
IFP	– 30" – Built to 1 ½ in.	21-25 #
ISI	– 30" – Dead	659 #
FFP	– 20" – W.S.B.	26 #
FHP	– 2136 #	
BHT	– 106°F	

Recovery: 10' Mud



Structural Comparison

	American Warrior, Inc. Deanna #1-35 Sec. 35 T20s R22w 600' FSL & 1000' FEL	Hutchinson Oil Co. Cox #1-35 Sec. 35 T20s R22w 990' FSL & 2970' FEL		Falcon Exploration Shank #1 Sec. 36 T20s R22w 1980' FSL & 2970' FEL
Formation				
Anhydrite	1339' +829	1348' +821	(+8)	1338' +833
Base	1372' +796	1382' +787	(+9)	1371' +800
Heebner	3653' -1485	3661' -1492	(+7)	3652' -1481
Lansing	3704' -1536	3711' -1542	(+6)	3702' -1531
BKC	4027' -1859	NA	NA	4020' -1849
Pawnee	4144' -1976	NA	NA	NA
Fort Scott	4216' -2048	4229' -2060	(+12)	4212' -2041
Cherokee	4240' -2072	NA	NA	NA
Mississippian	4319' -2151	4306' -2137	(-14)	4282' -2111
Osage	4335' -2167	4326' -2157	(-10)	4319' -2148

Summary

The location for the Deanna #1-35 was found via 3-D seismic survey. The new well ran structurally as expected via the survey on all datums except the Mississippian. One Drill Stem Test was conducted, results were negative. After all gathered data was examined the decision was made to plug and abandon the Deanna #1-35 well.

Respectfully Submitted,

Jason T Alm
Hard Rock Consulting, Inc.