

Geological Report

American Warrior, Inc.

GS #1-33

740' FNL & 520' FWL

Sec. 33 T18s R21w

Ness County, Kansas



American Warrior, Inc.

General Data

Well Data: American Warrior, Inc.
GS #1-33
740' FWL & 520' FWL
Sec. 33 T18s R21w
Ness County, Kansas
API # 15-135-25806-0000

Drilling Contractor: Discovery Drilling Co. Inc. Rig #3

Geologist: Jason T Alm

Spud Date: August 27, 2014

Completion Date: September 6, 2014

Elevation: 2112' Ground Level
2120' Kelly Bushing

Directions: Bazine KS, South 2 mi. to 110 rd. East 1 mi. to EE
rd. North 1 ½ mi. to 125 rd. East 1 ¼, North into
location.

Casing: 1358' 8 5/8" surface casing
4221' 5 1/2" production casing

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

Drilling Time: 3500' to RTD

Electric Logs: None

Drillstem Tests: One, Trilobite Testing, Inc. "Jim Svaty"

Problems: Tool plugged immediately on open during DST #1

Remarks: DST #1 was inconclusive due to tool plugging

Formation Tops

	American Warrior, Inc. GS #1-33 Sec. 33 T18s R21w 740' FWL & 520' FWL
Formation	
Anhydrite	1352', +768
Base	1386', +734
Heebner	3580', -1460
Lansing	3626', -1506
BKc	3948', -1828
Pawnee	4027', -1907
Fort Scott	4102', -1982
Cherokee	4118', -1998
Mississippian	4198', -2078
Osage	4204', -2084
RTD	4222', -2102

Sample Zone Descriptions

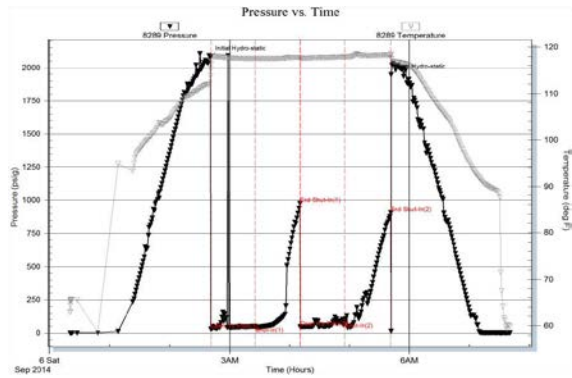
- Fort Scott (4102', -1982): Not Tested**
 Ls – Fine to sub-crystalline with poor scattered inter-crystalline and vuggy porosity, light brown oil stain in porosity, no show of free oil, good yellow fluorescents, no odor, 20 units hotwire.
- Mississippian Osage (4204', -2084): Covered in DST #1**
 Dolo – Δ – Fine sucrosic crystalline with fair inter-crystalline and scattered vuggy porosity, very heavy triptolitic chert, weathered with fair to good vuggy porosity, good show of free oil, good odor, bright yellow fluorescents, 24 units hotwire.

Drill Stem Tests
Trilobite Testing, Inc.
"Jim Svaty"

DST #1 Mississippian Osage

Interval (4206' – 4212') Anchor Length 6'

IHP	– 2315 #	
IFP	– 45" – Built to 3/4 in.	29-48 #
ISI	– 45" – Dead	975 #
FFP	– 45" – Dead	44-82 #
FSI	– 45" – Dead	907 #
FHP	– 1946 #	
BHT	– 119°F	



Recovery: 5' OSM

Structural Comparison

	American Warrior, Inc. GS #1-33 Sec. 33 T18s R21w 740' FWL & 520' FWL	Colorado O&G Corp. Miner #1 Sec. 33 T18s R21w C NW NW		Oil Producers Inc. of KS Schniepp B #1 Sec. 33 T18s R21w 825' FNL & 330' FWL
Formation				
Anhydrite	1352', +768	1350', 769	(-1)	NA
Base	1386', +734	NA	NA	NA
Heebner	3580', -1460	3578', -1459	(-1)	3575', -1454
Lansing	3626', -1506	3626', -1507	(+1)	3622', -1501
BKc	3948', -1828	3948', -1829	(+1)	NA
Pawnee	4027', -1907	4027', -1908	(+1)	4026', -1905
Fort Scott	4102', -1982	4102', -1983	(+1)	NA
Cherokee	4118', -1998	4117', -1998	FL	4116', -1995
Mississippian	4198', -2078	NA	NA	4190', -2069
Osage	4204', -2084	4203', -2084	FL	4198', -2077

Summary

The location for the GS #1-33 was found via 3-D seismic survey. The new well ran structurally as expected via the survey. One Drill Stem Test was conducted; results were inconclusive due to the test tool plugging. After all gathered data had been examined the decision was made to run 5 ½ inch production casing to further evaluate the GS #1-33 well.

Recommended Perforations

Primary:

Mississippian Osage	4204' – 4210'	DST #1
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Before Abandonment:

Fort Scott	4106' – 4114'	Not Tested
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Respectfully Submitted,

Jason T Alm
Hard Rock Consulting, Inc.