

Geological Report

American Warrior, Inc.

LN #1-18

350' FNL & 720' FWL

Sec. 18 T19s R21w

Ness County, Kansas



American Warrior, Inc.

General Data

Well Data: American Warrior, Inc.
LN #1-18
350' FNL & 720' FWL
Sec. 18 T19s R21w
Ness County, Kansas
API # 15-135-25802-0000

Drilling Contractor: Petromark Drilling, LLC. Rig #1

Geologist: Jason T Alm

Spud Date: August 18, 2014

Completion Date: August 26, 2014

Elevation: 2244' Ground Level
2250' Kelly Bushing

Directions: Bazine KS, Intersection of Austin St. and Hwy 96,
South 3 mi. to 100 Rd. East 7/8 mi. South into
location.

Casing: 220' 8 5/8" surface casing
4369' 5 1/2" production casing

Samples: 10' wet and dry, 4000' to RTD

Drilling Time: 3700' to RTD

Electric Logs: Pioneer Energy Services "Jared Long"
CNL/CDL, DIL

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

Problems: None

Remarks: None

Formation Tops

Formation	American Warrior, Inc.
	LN #1-18
	Sec. 18 T19s R21w
	350' FNL & 720' FWL
Anhydrite	1476', +774
Base	1513', +737
Heebner	3720', -1470
Lansing	3766', -1516
BKc	4088', -1838
Pawnee	4172', -1922
Fort Scott	4250', -2000
Cherokee	4268', -2018
Mississippian	4356', -2106
LTD	4371', -2121
RTD	4370', -2120

Sample Zone Descriptions

Cherokee Sand (4273', -2023): **Not Tested**
 Ss – Few DNS dirty clusters, Barren, no measurable gas kick

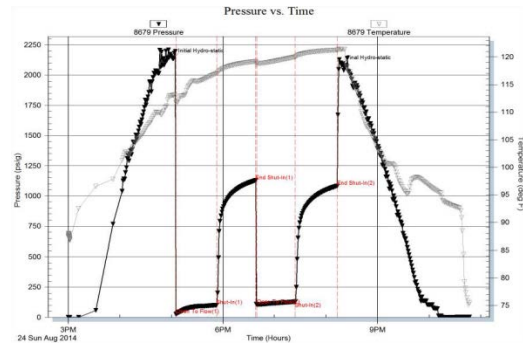
Mississippian Osage (4356', -2106): **Covered in DST #1**
 Dolo – Δ – Fine Sucrosic crystalline with fair inter-crystalline and vuggy porosity, very heavy triptolic chert, weathered with good scattered vuggy porosity, light to fair spotted oil stain in porosity, slight show of free oil, light to fair odor, scattered light yellow fluorescents, 12 units hotwire.

Drill Stem Tests
Trilobite Testing, Inc.
"Bob Hamel"

DST #1 Mississippian Osage

Interval (4359' – 4367') Anchor Length 8'

IHP	– 2237 #		
IFP	– 45" – B.O.B. 32 min.		26-101 #
ISI	– 45" – Dead		1127 #
FFP	– 45" – Built to 6 in.		106-129 #
FSI	– 45" – Dead		1082 #
FHP	– 2081 #		
BHT	– 121°F		



Recovery:	35' Clean Oil	
	30' HOCMW	20% Oil, 60% Water
	189' SOCMW	5% Oil, 75% Water

Structural Comparison

	American Warrior, Inc. LN #1-18 Sec. 18 T19s R21w 350' FNL & 720' FWL	American Warrior, Inc.		Lehner R V Estate	
Formation		Thornburg #2-7		Foos #1	
Anhydrite	1476', +774	Sec. 7 T19s R21w		Sec. 18 T19s R21w	
Base	1513', +737	800' FSL & 335' FEL		C NW NE	
Heebner	3720', -1470	1475', +768	(+6)	NA	NA
Lansing	3766', -1516	1509', +739	(+3)	NA	NA
BKc	4088', -1838	NA	NA	3718', -1465	(-5)
Pawnee	4172', -1922	3714', -1471	(+1)	3764', -1511	(-5)
Fort Scott	4250', -2000	3760', -1517	(+1)	NA	NA
Cherokee	4268', -2018	NA	NA	NA	NA
Mississippian	4356', -2106	4176', -1933	(+11)	NA	NA
		4247', -2004	(+4)	4252', -1999	(-1)
		4266', -2021	(+3)	4274', -2021	(+3)
		4348', -2105	(-1)	4342', -2089	(-17)

Summary

The location for the LN #1-18 was found via 3-D seismic survey. The new well ran structurally slightly lower than expected via the survey. One Drill Stem Test was conducted 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 LN #1-18 well.

Recommended Perforations

Primary:

Mississippian Osage	(4356' – 4364')	DST #1
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Before Abandonment:

Cherokee "A" Sand	(4273' – 4275')	Not Tested
Fort Scott	(4254' – 4258')	Not Tested

Respectfully Submitted,

Jason T Alm
Hard Rock Consulting, Inc.