

Geological Report

American Warrior, Inc.

Pablo #5-30

2400' FNL & 500' FEL

Sec. 30 T18s R21w

Ness County, Kansas



American Warrior, Inc.

General Data

Well Data: American Warrior, Inc.
Pablo #5-30
2400' FNL & 500' FEL
Sec. 30 T18s R21w
Ness County, Kansas
API # 15-135-25510-0000

Drilling Contractor: Petromark Drilling, LLc Rig #1

Geologist: Jason T Alm

Spud Date: December 3, 2012

Completion Date: December 11, 2012

Elevation: 2122' Ground Level
2128' Kelly Bushing

Directions: Bazine KS, 3/4 mi. East on Hwy 96, North 1/4 mi. on
EE rd. West to tank batteries and North and West
into location.

Casing: 1392' 8 5/8" surface casing
4223' 5 1/2" production casing

Samples: 10' wet and dry, 3800' to RTD

Drilling Time: 3500' to RTD

Electric Logs: None

Drillstem Tests: One, Trilobite Testing, Inc. "Cody Bloedorn"

Problems: None

Remarks: None

Formation Tops

Formation	American Warrior, Inc. Pablo #5-30 Sec. 30 T18s R21w 2400' FNL & 500' FEL
Anhydrite	1375', +753
Base	1409', +719
Heebner	3592', -1464
Lansing	3638', -1510
BKc	3955', -1827
Pawnee	4034', -1906
Fort Scott	4116', -1988
Cherokee	4135', -2007
Mississippian	4195', -2067
Osage	4205', -2077
RTD	4224', -2096

Sample Zone Descriptions

Fort Scott

(4116', -1988): Not Tested

Ls – Fine to sub-crystalline with scattered poor inter-crystalline porosity, light to fair spotted oil stain in porosity, no show of free oil, good cut fluorescents, 11 units hotwire.

Mississippian Osage (4205', -2077): Covered in DST #1

Dolo – Δ – Fine sucrosic crystalline with fair to good inter-crystalline and vuggy porosity, heavy triptolitic chert, weathered with good vuggy porosity, fair to good oil stain in porosity, good show of free oil, strong odor, good yellow fluorescents, 100 units hotwire.

Drill Stem Tests
Trilobite Testing, Inc.
"Cody Bloedorn"

DST #1

Mississippian Osage

Interval (4206' – 4216') Anchor Length 10'

IHP	– 2131 #	
IFP	– 45" – Built to 8.5 in.	24-66 #
ISI	– 45" – W.S.B.	1238 #
FFP	– 45" – Built to 5 in.	70-94 #
FSI	– 45" – W.S.B.	1208 #
FHP	– 2029 #	
BHT	– 113°F	

Recovery:	186' GIP	
	31' GHOCM	30% Oil
	62' GMO	90% Oil
	62' GHMCO	40% Oil
	62' GHOCM	30% Oil

Structural Comparison

	American Warrior, Inc. Pablo #5-30 Sec. 30 T18s R21w 2400' FNL & 500' FEL	American Warrior, Inc. Pablo #4-30 Sec. 30 T18s R21w 1650' FSL & 960' FEL		Trans-Western Petro Cornelsen #1 Sec. 29 T18s R21w SW NW	
Formation					
Anhydrite	1375', +753	1392', +749	(+4)	1371', +748	(+5)
Base	1409', +719	1428', +713	(+6)	NA	NA
Heebner	3592', -1464	3617', -1476	(+12)	NA	NA
Lansing	3638', -1510	3662', -1521	(+11)	3630', -1511	(+1)
BKc	3955', -1827	3981', -1840	(+13)	NA	NA
Pawnee	4034', -1906	4062', -1921	(+15)	NA	NA
Fort Scott	4116', -1988	4143', -2002	(+14)	NA	NA
Cherokee	4135', -2007	4161', -2120	(+13)	NA	NA
Mississippian	4195', -2067	4226', -2085	(+18)	4198', -2079	(+13)
Osage	4205', -2077	4240', -2099	(+22)	NA	NA

Summary

The location for the Pablo #5-30 was found via 3-D seismic survey. The new well ran structurally higher 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 examined the decision was made to run 5 ½ in. production casing to further evaluate the Pablo #4-30 well.

Recommended Perforations

Primary:

Mississippian Osage	(4205' – 4222')	DST #1
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Before Abandonment:

Fort Scott	(4120' – 4126')	Not Tested
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Respectfully Submitted,

Jason T Alm
Hard Rock Consulting, Inc.