Geological Report

American Warrior, Inc.

O'Brate-Beach #1-27

751' FNL & 2296' FWL

Sec 27, T25s, R31w

Finney County, Kansas



American Warrior, Inc.

General Data

Well Data:	American Warrior, Inc. O'Brate-Beach #1-27 751' FNL & 2296' FWL Sec. 27, T25s, R31w Finney County, Kansas API # 15-055-22434-00-00		
Drilling Contractor:	Duke Drilling Co. Rig #1		
Geologist:	Kevin Timson		
Spud Date:	August 16, 2016		
Completion Date:	August 25, 2016		
Elevation	2815' G.L. 2827' K.B.		
Directions:	From Pierceville, Go South on Main street 1.3 miles turn West into on lease road.		
Casing:	1699' 8 5/8" 5050' 5 ½"	#24 Surface Casing#17 Production Casing	
Samples:	3800' to RTD	10' Wet & Dry	
Drilling Time:	3800' to RTD		
Electric Logs:	Pioneer Energy Services "D.Schmidt" Full Sweep		
Drillstem Tests:	One "Mike Roberts" Trilobite Testing		
Problems:	After first DST, gas unit was useless		

Formation Tops

O'Brate-Beach #1-27

Sec. 27, T25s, R31w 751' FNL & 2296' FWL

Anhydrite	1844' +983
Heebner	3953' -1126
Lansing	3999' -1172
Stark	4375' -1548
Bkc	4503' -1676
Marmaton	4526' -1699
Pawnee	4602' -1775
Fort Scott	4628' -1801
Cherokee	4642' -1815
Morrow	4786' -1959
St. Gen	4804' -1977
RTD	5050' -2223
LTD	5052' -2225

Sample Description(s)

Pawnee Limestone: (4602' -1775) Ls. Off white/tan. Medium to sub crystalline. Fair Oomoldic porosity, fail oolycastic porosity. Poor stain. Poor saturation. Fair to good odor. No show of free oil. Fair to good bright yellow stream cut. 55 unit hotwire.

St Louis 'C': (4922' -2095) Ls. Tan. Medium to sub crystalline. Poor oomoldic porosity. Fair oolycastic porosity. Fair stain. Fair saturation. Fair odor. Show of free oil when broken. Bright yellow stream cut dull yellow full cut.

Drill Stem Tests

DST #1 Pawnee

Interval (4590' - 4610') Anchor Length: 20'

IHP - 2271#

 IFP
 - 30" -BOB in 5 min
 23-41#

 ISI
 - 45" -WSB
 1204#

 FFP
 - 45" -BOB instantly
 63-70#

 FSIP
 - 60" -Return blow built to 1"
 1194#

FHP -2210# BHT -120° F

Recovery: 30' Free Oil Gravity: 29

62' MCGO (75% Oil) 62' OCGM (2% Oil)

3162' GIP

Structural Comparison

	American Warrior, Inc.		American Warrior, Inc.		Continental Energy
	O'Brate-Beach #1-27		O'Brate-Finney #3-15		Beach #1-35
	Sec 27, T25s, R31w		Sec 35, T32s, R31w		Sec 35, T25s, R31w
Formation	751' FNL & 2296' FWL		3300' FSL & 1980' FEL		2835' FSL & 2620' FEL
Heebner	3953' -1126	-16	3911' -1110	+41	3986' -1167
Lansing	3999' -1172	-22	3961' -1160	+31	4022' -1203
Stark	4375' -1548	-19	4330' -1529	+36	4403' -1584
BKc	4503' -1676	-19	4458' -1657	+39	4534' -1715
Marmaton	4526' -1699	-18	4482' -1681	+37	4555' 1736
Pawnee	4602' -1775	-22	4554' -1753	+38	4632' -1813
Fort Scott	4628' -1801	-19	4583' -1782	+38	4658' -1839
Cherokee	4642' -1815	-19	4597' -1796	+37	4671' -1852
Morrow	4786' -1959	-18	4742' -1941	+45	4823' -2004
St. Genieve	4804' -1977	-18	4760' -1959	+39	4835' -2016

Summary

The location for the O'Brate-Beach #1-27 well was found via 3-D seismic. The new well ran structurally lower than expected. One DST was conducted, which recovered commercial quantities of oil from the Pawnee Limestone Formation. After all the gathered data had been examined, the decision was made to run 5 ½" production casing to further evaluate the O'Brate-Beach #1-27 well.

Perforations:

Primary: St. Louis (4922'-4926')

Secondary: Atoka (4768'-4778')

Fort Scott (4635'-4637')

Pawnee (4604'-4614')

Before Abd: Marmaton (4560'-4564')

Respectfully Submitted,

Kevin Timson American Warrior, Inc.