

Geological Report

American Warrior, Inc.

Ward #1-2

2014' FSL & 2284' FWL

Sec. 2, T25s, R31w

Finney County, Kansas



American Warrior, Inc.

General Data

Well Data: American Warrior, Inc.
Ward #1-2
2014' FSL & 2284' FWL
Sec. 2, T25s, R31w
Finney County, Kansas
API # 15-055-22338-00-00

Drilling Contractor: Duke Drilling Co. Rig #10

Geologist: Kevin Timson

Spud Date: November 16, 2014

Completion Date: November 25, 2014

Elevation 2857' G.L.
2868' K.B.

Directions: From Garden City Airport. Go SE on Hwy 50 2 miles and East/SE into location.

Casing: 1700' 8 5/8" #24 Surface Casing

Samples: 4550' to RTD 10' Wet & Dry

Drilling Time: 3950' to RTD

Electric Logs: Pioneer Energy Services "Y. Ruiz"
Stacked-Micro

Drillstem Tests: Two-Trilobite Testing "Will MacLean"

Problems: None

Formation Tops

Ward #1-2

Sec. 2, T25s, R31w

2014' FSL & 2284' FWL

Anhydrite	1900' +968
Base	1982' +886
Heebner	4015' -1147
Lansing	4060' -1192
Stark	4423' -1555
Bkc	4550' -1682
Marmaton	4576' -1708
Pawnee	4646' -1778
Fort Scott	4670' -1802
Cherokee	4686' -1818
Morrow	4846' -1978
Miss	4864' -1996
RTD	5050' -2182
LTD	5052' -2184

Sample Zone Descriptions

Morrow (4846', -1978): Covered in DST #1

Sandstone. Grey/Glauconitic. Fine to medium grain. Well rounded, well sorted. Fair to good stain. Poor to fair saturation. No show of free oil. Poor to fair. 10 units hotwire.

St. Louis (4864', -1996): Covered in DST #2

Ls. Tan. Sub crystalline. Fair oomoldic and oolycastic porosity. Fair stain and fair saturation in porosity. Slight show of free oil when broken. Fair odor. 30 units hotwire.

Drill Stem Tests
Trilobite Testing
"Will MacLean"

DST #1

Morrow

Interval (4818' – 4870') Anchor 52'

IHP - 2413 #

IFP - 30" – WSB built to 1.5" 27-29 #

ISI - 30" – No return 51 #

FFP - 30" – No blow 29-30 #

FSIP - 30" – No return 54 #

FHP - 2287 #

BHT - 117° F

Recovery: 15' Mud

DST #2

St. Louis

Interval (4902' – 4935') Anchor 33'

IHP - 2513 #

IFP - 30" – 6.25" blow 21-23 #

ISI - 30" – No return 255 #

FFP - 45" – BOB in 39.5 min 22-31 #

FSIP - 45" – No return 418 #

FHP - 2395 #

BHT - 117° F

Recovery: 237' GIP

45' OGCM (9% Oil)

Structural Comparison

	American Warrior, Inc. Ward #1-2 Sec. 2, T25s, R31w 2014' FSL & 2284' FWL		American Warrior, Inc. Clark #1-2 Sec. 2, T25s, R31w 2415' FSL & 1145' FEL		American Warrior, Inc. Clark #3-2 Sec 2, T25s, R31w 2165' FSL & 1738' FEL
Formation					
Heebner	4015' -1147	+11	4002' -1158	-3	3983' -1144
Lansing	4060' -1192	+12	4048' -1204	+1	4032' -1193
Stark	4423' -1555	+12	4411' -1567	+3	4397' -1558
BKC	4550' -1682	+14	4540' -1696	+7	4528' -1689
Marmaton	4576' -1708	+12	4564' -1720	+5	4552' -1713
Pawnee	4646' -1778	+13	4635' -1791	+8	4625' -1786
Fort Scott	4670' -1802	+12	4658' -1814	+5	4646' -1807
Cherokee	4686' -1818	+12	4674' -1830	-4	4653' -1814
Morrow	4846' -1978	+7	4829' -1985	-3	4820' -1981
Miss	4864' -1996	+18	4858' -2014	+8	4843' -2004

Summary

The location for the Ward #1-2 well was found via 3-D seismic survey. The new well ran structurally as expected. Two drill stem tests were conducted, none of which recovered commercial quantities of oil. After all the gathered data had been examined, the decision was made to plug and abandon the Ward #1-2 well.

Respectfully Submitted,

Kevin Timson
American Warrior, Inc.

