

# **Geological Report**

American Warrior, Inc.

**Clark Trust #1-36**

449' FSL & 2305' FWL

Sec. 36, T24s, R31w

Finney County, Kansas



**American Warrior, Inc.**

## General Data

Well Data: American Warrior, Inc.  
Clark Trust #1-36  
449' FSL & 2305' FWL  
Sec. 36, T24s, R31w  
Finney County, Kansas  
API # 15-055-22353-00-00

Drilling Contractor: Duke Drilling Co. Rig #10

Geologist: Kevin Timson

Spud Date: November 3, 2014

Completion Date: November 13, 2014

Elevation 2854' G.L.  
2865' K.B.

Directions: From Garden City Airport. Go SE on Hwy 50 1 mile to Aerodrome Rd. Go 2 miles East on Aerodrome and North into.

Casing: 1641' 8 5/8" #24 Surface Casing

Samples: 4600' to RTD 10' Wet & Dry

Drilling Time: 3950' to RTD

Electric Logs: Pioneer Energy Services "D Fischer"  
Stacked-Micro

Drillstem Tests: Two-Trilobite Testing "Shane McBride"

Problems: Cold weather froze water/air lines.

## Formation Tops

Clark Trust #1-36

Sec. 36, T24s, R31w

449' FSL & 2305' FWL

Anhydrite	1922' +943
Base	1998' +867
Heebner	4046' -1181
Lansing	4089' -1224
Stark	4442' -1577
Bkc	4580' -1715
Marmaton	4603' -1738
Pawnee	4676' -1811
Fort Scott	4704' -1839
Cherokee	4717' -1852
Morrow	4880' -2015
Miss	4911' -2046
RTD	5100' -2235
LTD	5102' -2237

## Sample Zone Descriptions

**Morrow** (4880', -2015): Covered in DST #1 & #2

Sandstone. Grey/Glauconitic. Fine to medium grain. Well rounded, well sorted. Fair to good stain. Poor to fair saturation. Show of free oil when broken. Fair to good odor. 80 units hotwire.

**Drill Stem Tests**  
Trilobite Testing  
"Shane McBride"

**DST #1**

**Morrow**

Interval (4848' – 4899') Anchor 51'

IHP - 2488 #

IFP - 30" – 1/4" blow died in 28 min 22-25 #

ISI - 30" – No return 107 #

FFP - 10" – No blow 38-67 #

FSIP - Pull Tool NA

FHP - 2472 #

BHT - 118° F

Recovery: 2' Heavy Mud

**DST #2**

**Morrow**

Interval (4849' – 4913') Anchor 64'

IHP - 2503 #

IFP - 30" – 1/4" blow died in 24 min 22-27 #

ISI - 30" – No Return 1053 #

FFP - 10" – No Blow 35-34 #

FSIP - Pull Tool NA

FHP - 2438 #

BHT - 115° F

Recovery: 5' Heavy Mud

## Structural Comparison

	American Warrior, Inc. Clark Trust #1-36 Sec. 36, T24s, R31w 449' FSL & 2305' FWL		American Warrior, Inc. Clark #1-2 Sec. 2, T25s, R31w 2415' FSL & 1145' FEL		American Warrior, Inc. Clark #2-2 Sec 2, T25s, R31w 1705' FNL & 657' FEL
<b>Formation</b>					
Heebner	4046' -1181	-23	4002' -1158	-19	4021' -1162
Lansing	4089' -1224	-20	4048' -1204	-20	4063' -1204
Stark	4442' -1577	-10	4411' -1567	-15	4421' -1562
BKC	4580' -1715	-19	4540' -1696	-26	4548' -1689
Marmaton	4603' -1738	-18	4564' -1720	-27	4570' -1711
Pawnee	4676' -1811	-20	4635' -1791	-26	4644' -1785
Fort Scott	4704' -1839	-25	4658' -1814	-33	4665' -1806
Cherokee	4717' -1852	-22	4674' -1830	-31	4680' -1821
Morrow	4880' -2015	-30	4829' -1985	-39	4835' -1976
St. Louis	4911' -2046	-32	4858' -2014	-39	4866' -2007

### Summary

The location for the Clark Trust #1-36 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 Clark Trust #1-36 well.

Respectfully Submitted,

Kevin Timson  
American Warrior, Inc.

