

# **Geological Report**

American Warrior, Inc.

**Kleysteuber #1-3**

640' FNL & 740' FWL

Sec. 3, T27s, R31w

Haskell County, Kansas



**American Warrior, Inc.**

## General Data

Well Data: American Warrior, Inc.  
Kleysteuber #1-3  
640' FNL & 740' FWL  
Sec. 3, T27s, R31w  
Haskell County, Kansas  
API # 15-081-22087-00-00

Drilling Contractor: Duke Drilling Co. Rig #9

Geologist: Kevin Timson

Spud Date: November 11, 2014

Completion Date: November 20, 2014

Elevation 2799' G.L.  
2812' K.B.

Directions: From Garden City, KS. Go South on Hwy 83 15 miles to Lear Rd. Go East 8 miles to Beebland Rd. Go South 1 mile to County Line. Go East 1.5 miles South into.

Casing: 1756' 8 5/8" #24 Surface Casing

Samples: 4000' to RTD 10' Wet & Dry

Drilling Time: 4000' to RTD

Electric Logs: Pioneer Energy Services "D. Kerr"  
Full Sweep

Drillstem Tests: One-Trilobite Testing "Ryan Reynolds"

Problems: None

## Formation Tops

Kleysteuber #1-3

Sec. 3, T27s, R31w

640' FNL & 740' FWL

Anhydrite	1800' +1012
Base	1903' +909
Heebner	4066' -1254
Lansing	4120' -1308
Stark	4515' -1703
Bkc	4648' -1836
Marmaton	4667' -1855
Pawnee	4747' -1935
Fort Scott	4776' -1964
Cherokee	4790' -1978
Morrow	4988' -2176
Chester	5053' -2241
St. Gen	5082' -2270
St. Louis	5148' -2336
RTD	5250' -2438
LTD	5251' -2439

### Sample Zone Descriptions

**Morrow** (4988', -2176): Covered in DST #1

Sandstone. Grey/Glauconitic. Fine grain. Well cemented. Tight. Slight stain. No saturation. No show of free oil. No odor. 10 Units hotwire.

**Drill Stem Tests**  
 Trilobite Testing  
 “Ryan Reynolds”

**DST #1**

**Morrow**

Interval (4968’ – 5038’) Anchor Length 70’

IHP - 2428 #	
IFP - 30” – WSB built to 1"	25-26 #
ISI - 30” – No return	61 #
FFP - 30” – WSB	30-30 #
FSIP - 30” – No return	47 #
FHP - 2385 #	
BHT - 119 ° F	
Recovery: 10' Mud	

**Structural Comparison**

	<b>American Warrior, Inc.</b> <b>Kleysteuber #1-3</b> <b>Sec. 3, T27s, R31w</b> <b>640’ FNL &amp; 740’ FWL</b>		<b>Texas Oil &amp; Gas</b> <b>Nusser #1</b> <b>Sec. 3, T27s, R31w</b> <b>330’ FSL &amp; 330’ FWL</b>		<b>American Warrior, Inc.</b> <b>Frank #1-4</b> <b>Sec. 4, T27s, R31w</b> <b>1741’ FNL &amp; 1635’ FWL</b>
<b>Formation</b>					
Heebner	4066' -1254	-6	4060' -1248	-6	4074' -1248
Lansing	4120' -1308	-4	4116' -1304	NA	4149' -1323
Stark	4515' -1703	-15	4500' -1688	-15	4514' -1688
BKC	4648' -1836	-21	4627' -1815	-26	4636' -1810
Marmaton	4667' -1855	-23	4644' -1832	-27	4654' -1828
Pawnee	4747' -1935	-21	4726' -1914	-24	4737' -1911
Fort Scott	4776' -1964	-20	4756' -1944	-21	4769' -1943
Cherokee	4790' -1978	-21	4769' -1957	-21	4783' -1957
Morrow	4988' -2176	-28	4960' -2148	-19	4983' -2157
Chester	5053' -2241	+11	5064' -2252	-13	5054' -2228
St. Gen	5082' -2270	+16	5098' -2286	-14	5082' -2256
St. Louis	5148' -2336	NA	5132' -2320	-4	5158' -2332

## **Summary**

The location for the Kleysteuber #1-3 well was found via 3-D seismic survey. The new well ran structurally lower than expected. One drill stem test was conducted, which did not recover commercial quantities of oil. After all the gathered data had been examined, the decision was made to plug and abandon the Kleysteuber #1-3 well.

Respectfully Submitted,

Kevin Timson  
American Warrior, Inc.