

Geological Report

American Warrior, Inc.

Wray #1-8

1076' FNL & 1122' FWL

Sec 8, T14s, R35w

Logan County, Kansas



American Warrior, Inc.

General Data

Well Data: American Warrior, Inc.
Wray #1-8
1076' FNL & 1122' FWL
Sec. 8, T14s, R35w
Logan County, Kansas
API # 15-109-21512-00-00

Drilling Contractor: Discovery Drilling Rig #1

Geologist: Luke Thompson

Spud Date: September 11, 2017

Completion Date: September 20, 2017

Elevation 3245' G.L.
3253' K.B.

Directions: From the West side of Russell Springs, KS at the intersection of Hwy 25 & Broadway Ave. – Now go 0.8 miles South on Hwy 25 Rd then 2 miles West on Hwy 25 - Now go about 4 miles South on 240 Rd to Kiowa Rd – Now go West 1 mile to 230 Rd – Now go North 0.5 miles – East into

Casing: 210' 8 5/8" #23 Surface Casing

Samples: 3750' to RTD 10' Wet & Dry

Drilling Time: 3700' to RTD

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

Drillstem Tests: Two-Trilobite Testing "Mike Roberts"

Problems: Pulled Tight on all trips

Formation Tops

Wray #1-8

Sec. 8, T14s, R35w

1076' FNL & 1122' FWL

Anhydrite	2622' +631
Base	2643' +610
Heebner	4038' -785
Lansing	4091' -838
Stark	4345' -1092
BKC	4417' -1164
Marmaton	4461' -1208
Pawnee	4554' -1301
Fort Scott	4614' -1361
Cherokee	4642' -1389
Johnson	4689' -1436
Morrow	4762' -1509
Miss	4836' -1583
RTD	4900' -1647
LTD	4900' -1647

Sample Zone Descriptions

Marmaton (4490' -1237): Covered in DST #1

Limestone, cream, sub-crystalline, slightly chalky, occasionally oolitic, scattered poor pinpoint vuggy and oolitic porosity, very slight fleeting odor, poor stain and saturation in 1 piece, very poor show of free oil, no fluorescence slow string cut. No Gas Kick.

Lansing K (4380' -1127): Covered in DST #2

Limestone, cream, oolitic packstone, slightly chalky, poor to fair oolitic porosity, very faint odor, fair stain, fair to good saturation, fair show of free oil, no fluorescence, fair to good stream cut. No Gas Kick.

Drill Stem Tests

Trilobite Testing

“Mike Roberts”

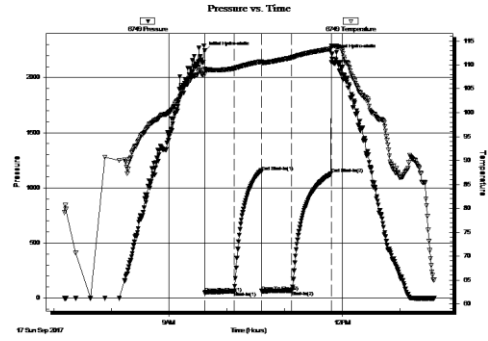
DST #1

Marmaton

Interval (4435' – 4510') Anchor Length 75'

IHP	- 2243 #	
IFP	- 30" – built to 2"	48-60#
ISI	- 30" – No return	1146#
FFP	- 30" – WSB	62-68#
FSIP	- 30" – No return	1126#
FHP	- 2214 #	
BHT	- 114° F	

Recovery: 20' M



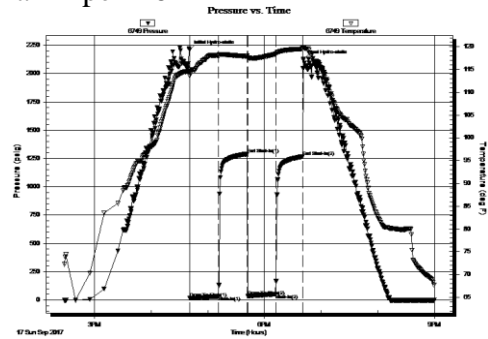
DST #2

Lansing K (straddle test)

Interval (4374' – 4384') Anchor Length 10'; Tail Pipe 126'

IHP	- 2212 #	
IFP	- 30" – Built to 1 1/2"	16-33#
ISI	- 30" – No Return	1290#
FFP	- 30" – built to 1 1/2"	36-52#
FSIP	- 30" – No Return	1267#
FHP	- 2124 #	
BHT	- 120° F	

Recovery: 90' WCM



Structural Comparison

	American Warrior, Inc. Wray #1-8 Sec. 8, T14s, R35w 1076' FNL & 1122' FWL			American Warrior, Inc. Fairchild #1-17 Sec. 17, T14s, R35w 1506' FNL 1036' FEL			American Warrior, Inc. Ausmus Unit #1-7 Sec. 7, T14s, R35w 160' FSL & 792' FEL	
<u>Formation</u>								
Heebner	4038	-785	-8	4004	-777	-12	3995	-773
Lansing	4091	-838	-7	4058	-831	-10	4050	-828
Stark	4345	-1092	-5	4314	-1087	-6	4308	-1086
BKC	4417	-1164	-1	4390	-1163	4	4390	-1168
Marmaton	4461	-1208	-3	4432	-1205	5	4435	-1213
Pawnee	4554	-1301	-7	4521	-1294	1	4524	-1302
Fort Scott	4614	-1361	-6	4582	-1355	3	4586	-1364
Cherokee	4642	-1389	-6	4610	-1383	3	4614	-1392
Johnson	4689	-1436	-6	4657	-1430	4	4662	-1440
Morrow	4762	-1509	-8	4728	-1501	9	4740	-1518
Miss	4836	-1583	-18	4792	-1565	9	4814	-1592

Summary

The location for the Wray #1-8 well was found via 3-D seismic survey. The new well ran structurally as expected. Two drill stem test 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 Wray #1-8 well.

Respectfully Submitted,

Lukas Thompson
American Warrior, Inc.