

Geological Report

American Warrior, Inc.
Tancayo #1-3
1959' FSL & 2084' FEL
Sec. 3, T25s, R31w
Finney County, Kansas



American Warrior, Inc.

General Data

Well Data: American Warrior, Inc.
Tancayo #1-3
1959' FSL & 2084' FEL
Sec. 3, T25s, R31w
Finney County, Kansas
API # 15-055-22310-00-00

Drilling Contractor: Duke Drilling Co. Rig #10

Geologist: Kevin Timson

Spud Date: May 31, 2014

Completion Date: June 10, 2014

Elevation 2837' G.L.
2848' K.B.

Directions: From Garden City Airport. Go SE on Hwy 50 1.3 miles to gated lease road and ingress West into.

Casing: 1664' 8 5/8" #24 Surface Casing
5050' 5 1/2" #15.5 Production Casing

Samples: 3950' to RTD 10' Wet & Dry

Drilling Time: 3950' to RTD

Electric Logs: Pioneer Energy Services "J. Long"
Stacked-Micro

Drillstem Tests: Four-Trilobite Testing "Sam Esparza"

Problems: All four tests misrun, due to hole in hydraulic tool.

Formation Tops

Tancayo #1-3

Sec. 3, T25s, R31w

1959' FSL & 2084' FEL

Anhydrite	1875' +973
Base	1950' +898
Heebner	3976' -1128
Lansing	4030' -1182
Stark	4389' -1541
Bkc	4516' -1668
Marmaton	4542' -1694
Pawnee	4615' -1767
Fort Scott	4639' -1791
Cherokee	4656' -1808
Morrow	4818' -1970
Miss	4836' -1988
RTD	5050' -2202
LTD	5048' -2200

Sample Zone Descriptions

St. Louis (4836', -1988): Not tested

Ls. Tan. Sub crystalline. Fair oomoldic and oolycastic porosity. Poor stain. No saturation. No odor. No show of free oil.

Structural Comparison

	American Warrior, Inc. Tancayo #1-3 Sec. 3, T25s, R31w 1959' FSL & 2084' FEL		American Warrior, Inc. Clark #4-2 Sec. 2, T25s, R31w 2046' FSL & 2309' FEL		American Warrior, Inc. Clark #3-2 Sec 2, T25s, R31w 2165' FSL & 1738' FEL
Formation					
Heebner	3976' -1128	+21	3999' -1149	+16	3983' -1144
Lansing	4030' -1182	+13	4045' -1195	+11	4032' -1193
Stark	4389' -1541	+18	4409' -1559	+17	4397' -1558
BKC	4516' -1668	+21	4539' -1689	+21	4528' -1689
Marmaton	4542' -1694	+22	4566' -1716	+19	4552' -1713
Pawnee	4615' -1767	+19	4636' -1786	+19	4625' -1786
Fort Scott	4639' -1791	+17	4658' -1808	+16	4646' -1807
Cherokee	4656' -1808	+17	4675' -1825	+6	4653' -1814
Morrow	4818' -1970	+15	4835' -1985	+11	4820' -1981
Miss	4836' -1988	+19	4857' -2007	+16	4843' -2004

Summary

The location for the Tancayo #1-3 well was found via 3-D seismic survey. The new well ran structurally as expected. Four drill stem tests were conducted, all were misruns. After all the gathered data had been examined, the decision was made to run 5 ½" production casing to further evaluate the Tancayo #1-3 well.

Perforations

Primary: St. Louis (4994' – 4999')

Secondary: St. Louis (4898' – 4902')

Before Abd: Pawnee (4616' – 4622')

Respectfully Submitted,

Kevin Timson
American Warrior, Inc.

