

Geological Report

American Warrior, Inc.

O'Brate-Finney #2-5

790' FSL & 1440' FEL

Sec. 5, T23s, R32w

Finney County, Kansas



American Warrior, Inc.

General Data

Well Data: American Warrior, Inc.
O'Brate-Finney #2-5
790' FSL & 1440' FEL
Sec. 5, T23s, R32w
Finney County, Kansas
API # 15-055-22369-00-00

Drilling Contractor: Duke Drilling Co. Rig #10

Geologist: Kevin Timson

Spud Date: December 14, 2014

Completion Date: December 23, 2014

Elevation 2851' G.L.
2862' K.B.

Directions: From Garden City, KS, go North on Hwy 83 5 miles to Six Mile Rd. Go East a half mile to Third St. Go North 3/4 mile and East into.

Casing: 1713' 8 5/8" #24 Surface Casing

Samples: 4200' to RTD 10' Wet & Dry

Drilling Time: 3750' to RTD

Electric Logs: Pioneer Energy Services "D. Fischer"
Stack-Mirco

Drillstem Tests: Three-Trilobite Testing "Justin Harris"

Problems: Packer Failure on DST #3 during second open.

Formation Tops
O'Brate-Finney #2-5
Sec. 5, T23s, R32w
790' FSL & 1440' FEL

Anhydrite	1903' +959
Base	1989' +873
Heebner	3847' -985
Lansing	3896' -1034
Stark	4230' -1368
Bkc	4367' -1505
Marmaton	4391' -1529
Pawnee	4468' -1606
Fort Scott	4490' -1628
Cherokee	4505' -1643
Morrow	4666' -1804
Miss	4702' -1840
RTD	4900' -2038
LTD	4910' -2048

Sample Zone Descriptions

St. Louis (4677', -1817): **Covered in DST #1 & 2**

 Ls. Tan. Sub crystalline. Fair to good oomoldic and oolycastic porosity. Poor stain and poor saturation in porosity. No show of free oil when broken. Fair odor. 10 Unit kick.

Drill Stem Tests
 Trilobite Testing
 "Justin Harris"

DST #1

St. Louis

Interval (4750' - 4792') Anchor Length 42'

IHP -2434 #
 IFP - 30" – WSB built to 1.5" 21-32 #
 ISI - 30" – No Return 1176 #
 FFP - 30" – No blow flushed tool 2.5" blow 29-61 #
 FSIP - 30" - No return 1213 #
 FHP - 2287 #
 BHT - 116° F

Recovery: 85' Mud with oil spots

DST #2

St. Louis

Interval (4751' - 4830') Anchor Length 79'

IHP - 2449 #
 IFP -30" - WSB built to 2" 19-26 #
 ISI -30" - No return 1212 #
 FFP - 30" - WSB 27-34 #
 FSIP - 30" - No return 1172 #
 FHP - 2247 #
 BHT - 114° F

Recovery: 35' Mud with oil spots

DST #3

St. Louis

Interval (4660' - 4715') Anchor Length 55' Tail Pipe: 195'

IHP - 2458 #
 IFP - 30" - WSB built to 10.5" 68-93#
 ISI - 45" - No return 1196 #
 FFP - Packer Failure Pull tool NA
 FSIP - NA NA
 FHP - 2084 #
 BHT - 116° F

Recovery: 2558' Mud

Structural Comparison

Formation	American Warrior, Inc. O'Brate-Finney #2-5 Sec. 5, T23s, R32w 790' FSL & 1440' FEL		Norstar Petroleum Bergkamp #1-8 Sec. 8, T23s, R32w 660' FSL & 1980' FEL		American Warrior, Inc. O'Brate-Finney #1-5 Sec 5, T23s, R32w 742' FSL & 2310' FWL
Heebner	3847' -985	-24	3817' -961	-16	3829' -969
Lansing	3896' -1034	-25	3865' -1009	-17	3877' -1017
Stark	4230' -1368	-20	4204' -1348	-16	4212' -1352
BKC	4367' -1505	-20	4341' -1485	-15	4350' -1490
Marmaton	4391' -1529	-22	4363' -1507	-14	4375' -1515
Pawnee	4468' -1606	-21	4441' -1585	-17	4449' -1589
Fort Scott	4490' -1628	-19	4465' -1609	-16	4472' -1612
Cherokee	4505' -1643	-17	4482' -1626	-12	4491' -1631
Morrow	4666' -1804	+18	4678' -1822	-6	4658' -1798
Miss	4702' -1840	+11	4685' -1829	-23	4677' -1817

Summary

The location for the O'Brate-Finney #2-5 well was found via 3-D seismic survey. The new well ran structurally as expected. Three drill stem tests were 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 O'Brate-Finney #2-5 well.

Respectfully Submitted,

Kevin Timson
American Warrior, Inc.

