

Geological Report

American Warrior, Inc.

O'Brate-Finney #1-15

1697' FSL & 1379' FWL

Sec. 15, T25s, R31w

Finney County, Kansas



American Warrior, Inc.

General Data

Well Data: American Warrior, Inc.
O'Brate-Finney #1-15
1697' FSL & 1379' FWL
Sec. 15, T25s, R31w
Finney County, Kansas
API # 15-055-22301-00-00

Drilling Contractor: Duke Drilling Co. Rig #5

Geologist: Kevin Timson

Spud Date: May 10, 2014

Completion Date: May 19, 2014

Elevation 2759' G.L.
2770' K.B.

Directions: From Pierceville, KS. Go South on Main Street .9 miles to Beach Rd. Go West 2 miles, follow curve to the North ¼ mile. East into location.

Casing: 1712' 8 5/8" #24 Surface Casing

Samples: 3900' to RTD 10' Wet & Dry

Drilling Time: 3850' to RTD

Electric Logs: Pioneer Energy Services "J. Long"
Full Sweep

Drillstem Tests: Two-Trilobite Testing "Sam Esparza"

Problems: Micro log mis-run

Formation Tops
O'Brate-Finney #1-15
Sec. 15, T25s, R31w
1697' FSL & 1379' FWL

Anhydrite	1785' +985
Base	1861' +909
Heebner	3895' -1125
Lansing	3950' -1180
Stark	4312' -1542
Bkc	4443' -1673
Marmaton	4468' -1698
Pawnee	4540' -1770
Fort Scott	4569' -1799
Cherokee	4584' -1814
Morrow	4752' -1982
Miss	4784' -2014
RTD	5000' -2230
LTD	5000' -2230

Sample Zone Descriptions

Pawnee **(4540',-1770):** **Covered in DST #1**
Ls. Tan. Medium to sub crystalline. Fair to good oomoldic and fair oolycastic porosity. Good stain. Fair saturation. Fair odor. 25 Units hotwire.

Morrow **(4752', -1982):** **Covered in DST #2**
Sandstone. Grey/Glauconitic. Fine to medium grain. Well rounded, well sorted. Poor stain. Poor saturation. No show of free oil when broken. No odor. 10 units hotwire.

Drill Stem Tests
Trilobite Testing
“Sam Esparza”

DST #1

Pawnee

Interval (4530' – 4578') Anchor 48'

IHP - 2281 #

IFP - 30" – BOB in 17 min 24-162 #

ISI - 45" – No return 1279 #

FFP - 45" – BOB in 24 min 169-256 #

FSIP - 60" – WSB died in 15 min 1264 #

FHP - 2190 #

BHT - 121° F

Recovery: 90' WOCM (5% Oil, 35% Water)

420' WCM (85% Water)

DST #2

Morrow

Interval (4697' – 4786') Anchor 89'

IHP - 2371 #

IFP - 30" – ½" blow died back to ¼" 21-24 #

ISI - 30" – No return 90 #

FFP - 30" – No blow 24-25 #

FSIP - 30" – No Return 57 #

FHP - 2363 #

BHT - 116° F

Recovery: 15' Mud

Structural Comparison

	American Warrior, Inc. O'Brate-Finney #1-15 Sec. 15, T25s, R31w 1697' FSL & 1379' 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
Formation					
Heebner	3895' -1125	+33	4002' -1158	+37	4021' -1162
Lansing	3950' -1180	+24	4048' -1204	+24	4063' -1204
Stark	4312' -1542	+25	4411' -1567	+20	4421' -1562
BKC	4443' -1673	+23	4540' -1696	+16	4548' -1689
Marmaton	4468' -1698	+22	4564' -1720	+13	4570' -1711
Pawnee	4540' -1770	+21	4635' -1791	+15	4644' -1785
Fort Scott	4569' -1799	+15	4658' -1814	+7	4665' -1806
Cherokee	4584' -1814	+16	4674' -1830	+7	4680' -1821
Morrow	4752' -1982	+3	4829' -1985	-6	4835' -1976
Miss	4784' -2014	FL	4858' -2014	-7	4866' -2007

Summary

The location for the O'Brate-Finney #1-15 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 O'Brate-Finney #1-15 well.

Respectfully Submitted,

Kevin Timson
American Warrior, Inc.

