

Geological Report

American Warrior, Inc.
Neeley FLB #1-33
403' FNL & 2589' FWL
Sec. 33, T23s, R32w
Finney County, Kansas



American Warrior, Inc.

General Data

Well Data: American Warrior, Inc.
Neeley FLB #1-33
403' FNL & 2589' FWL
Sec. 33, T23s, R32w
Finney County, Kansas
API # 15-055-22321-00-00

Drilling Contractor: Duke Drilling Co. Rig #10

Geologist: Kevin Timson

Spud Date: September 17, 2014

Completion Date: September 25, 2014

Elevation 2840' G.L.
2851' K.B.

Directions: From Garden City, KS, at the intersection of Mary St. and Jennie Barker St. Go North on Jennie Barker one mile to Rodkey Rd, West half a mile, South into

Casing: 1709' 8 5/8" #24 Surface Casing
4949' 5 1/2" #15.5 Production Casing

Samples: 3800' to RTD 10' Wet & Dry

Drilling Time: 3750' to RTD

Electric Logs: Pioneer Energy Services "Y. Ruiz"
Stack-Micro

Drillstem Tests: One-Trilobite Testing "Shane McBride"

Problems: None

Formation Tops

Neeley FLB #1-33

Sec. 33, T23s, R32w

403' FNL & 2589' FWL

Anhydrite	1875' +976
Base	1955' +896
Heebner	3840' -989
Lansing	3884' -1033
Stark	4246' -1395
Bkc	4382' -1531
Marmaton	4408' -1557
Pawnee	4492' -1641
Fort Scott	4519' -1668
Cherokee	4530' -1679
Morrow	4694' -1843
Miss	4703' -1852
RTD	4950' -2099
LTD	4950' -2099

Sample Zone Descriptions

St. Louis (4703',-1852): Covered in DST #1

Ls. Tan. Sub to medium crystalline. Fair to good oomoldic and oolycastic porosity. Fair stain and fair saturation in porosity. Slight show of free oil when broken. Fair odor. 180 units hotwire.

Drill Stem Tests
Trilobite Testing
“Shane McBride”

DST #1

St. Louis

Interval (4770’ - 4809’) Anchor Length 39’

IHP -2246 #

IFP - 30” – BOB in 7 min

85-277#

ISI - 45” – No Return

1138 #

FFP - 45” – BOB in 10 min

291-494 #

FSIP - 60” – No Return

1122 #

FHP - 2186 #

BHT - 117° F

Recovery: 93' Clean Oil Gravity: 30
 93' SM&WCO (70% Oil, 20% Water)
 93' OCMW (30% Oil, 35% Water)
 93' MCW (50% Water)
 93' SMCW (85% Water)
 465' W

Structural Comparison

Formation	American Warrior, Inc.		Amoco Production Co.		Amoco Production Co.
	Neeley FLB #1-33 Sec. 33, T23s, R32w 403' FNL & 2589' FWL		SW Neeley #1 Sec. 33, T23s, R32w C SW NE		FLB 'B' #1 Sec 33, T23s, R32w NE NW
Heebner	3840' -989	+9	3838' -998	-6	3832' -983
Lansing	3884' -1033	+8	3881' -1041	-6	3876' -1027
Stark	4246' -1395	+8	4243' -1403	-6	4238' -1389
BKC	4382' -1531	+6	4377' -1537	-4	4376' -1527
Marmaton	4408' -1557	+7	4403' -1563	-6	4400' -1551
Pawnee	4492' -1641	+2	4483' -1643	-10	4480' -1631
Fort Scott	4519' -1668	+1	4509' -1669	-10	4507' -1658
Cherokee	4530' -1679	FL	4519' -1679	-8	4519' -1671
Morrow	4694' -1843	+10	4693' -1853	+1	4693' -1844
Miss	4703' -1852	+49	4741' -1901	+2	4703' -1854
Break	4777' -1926	NA	NA	+6	4781' -1932

Summary

The location for the Neeley FLB #1-33 well was found via 3-D seismic survey. The new well ran structurally as expected. One drill stem was conducted, which did recover commercial quantities of oil from the St. Louis Limestone Formation. After all the gathered data had been examined, the decision was made to run 5 1/2" production casing to further evaluate the Neeley FLB #1-33 well.

Perforations

Primary:	St. Louis	(4779' - 4785')
Before Abandonment:	Marmaton	(4455' - 4465')

Respectfully Submitted,

Kevin Timson
American Warrior, Inc.

