Geological Report

American Warrior, Inc.

DBD #3-28

2265' FSL & 1837' FWL

Sec. 28, T18s, R25w

Ness County, Kansas



American Warrior, Inc.

General Data

Well Data:	American Warrior, Inc. DBD #3-28 2265' FSL & 1837' FWL Sec. 28, T18s, R25w Ness County, Kansas API # 15-135-25690-00-00		
Drilling Contractor:	Duke Drilling Co. Rig #5		
Geologist:	Kevin Timson		
Spud Date:	October 25, 2013		
Completion Date:	November 2, 2013		
Elevation	2427' G.L. 2438' K.B.		
Directions:	From Laird Elevator, Go West on Hwy 96 2 miles to H Rd. Go North ½ mile and East into location.		
Casing:	226' 8 5/8" #23 Surface Casing 4500' 5 ½" #15.5 Production Casing Port Collar @ 1696'		
Casing: Samples:	4500' 5 ½" #15.5 Production Casing		
	4500' 5 ½" #15.5 Production Casing Port Collar @ 1696'		
Samples:	4500' 5 ½" #15.5 Production Casing Port Collar @ 1696' 3700' to RTD 10' Wet & Dry		
Samples: Drilling Time:	4500' 5 ½" #15.5 Production Casing Port Collar @ 1696' 3700' to RTD 10' Wet & Dry 3700' to RTD Pioneer Energy Services "J. Long"		

Formation Tops

DBD #3-28 Sec. 28, T18s, R25w 2265' FSL & 1837' FWL

Anhydrite	1710' +728
Base	1749' +689
Heebner	3765' -1327
Lansing	3805' -1367
Stark	4051' -1613
Bkc	4148' -1710
Marmaton	4157' -1719
Pawnee	4241' -1803
Fort Scott	4309' -1871
Cherokee	4336' -1898
Mississippi	4407' -1969
RTD	4500' -2062
LTD	4504' -2066

Sample Zone Descriptions

Fort Scott (4309', -1871): Covered in DST #1

Ls – Sub-crystalline with fair vuggy and fair oomoldic/oolycastic porosity. Slight to fair stain. Fair saturation. Show of free oil when broken. Slight odor. 35 Units Hotwire.

Warsaw (4407', -1969): Covered in DST #2

Dolo grey. Sucrosic. Fair intercrystalline porosity and good vuggy porosity. Good stain. Good saturation in porosity. Fair show of free oil. Strong odor. 25 Units Hotwire.

Drill Stem Tests

Trilobite Testing Inc. "Will MacLean"

DST #1 Fort Scott

Interval (4280' – 4340') Anchor Length 60'

IHP - 2117 #

IFP - 30" – BOB in 10 min 32-145 #
ISI - 45" – WSB in 5 min 1111 #
FFP - 45" – BOB in 11 min 154-225 #
FSIP - 60" – WSB built to 2" 1090 #

FHP - 2064 # BHT - 122 ° F

Recovery: 109' WGMCO (50% Oil)

62' OWGCM (18% Oil) 62' OGMCW (4% Oil)

124' GMCW 124' GMCW 1069' GIP

DST #2 Warsaw

Interval (4346' – 4420') Anchor Length 74'

IHP - 2163 #

IFP - 30" – WSB built to 3 ¼"

ISI - 30" – No Return

FFP - 30" – WSB built to ¾"

FSIP - 30" – No Return

847 #

FHP - 2014 # BHT - 118 ° F

Recovery: 64' OCM (7% Oil) 62' WOCM (4% Oil)

Structural Comparison

Formation	American Warrior, Inc. DBD #3-28 Sec. 28, T18s, R25w 2265' FSL & 1837' FWL		Palomino Petroleum, Inc Betty-Marilyn #1 Sec. 28, T18s, R25w 2113' FNL & 2200' FWL		American Warrior, Inc DBD #1-28 Sec 28, T18s, R25w 010' FSL & 1320' FEL
Heebner	3765' -1327	-6	3795' -1321	FL	3761' -1327
Lansing	3805' -1367	-4	3837' -1363	-2	3799' -1365
Stark	4051' -1613	NA	NA	-2	4045' -1611
BKC	4148' -1710	NA	NA	-4	4140' -1706
Marmaton	4157' -1719	-9	4184' -1710	-2	4151' -1717
Pawnee	4241' -1803	NA	NA	-3	4234' -1800
Fort Scott	4309' -1871	-4	4340' -1866	-4	4301' -1867
Cherokee	4336' -1898	-7	4365' -1891	-5	4327' -1893
Miss	4407' -1969	+5	4448' -1974	-11	4392' -1958

Summary

The location for the DBD #3-28 well was found via 3-D seismic survey. The new well ran structurally as expected. Two drill stem tests were conducted, one of which recovered commercial quantities of oil from the Fort Scott Limestone formation. After all the gathered data had been examined, the decision was made to run $5\frac{1}{2}$ " production casing to further evaluate the DBD #3-28 well.

Perforations

Primary: Warsaw 4415'-4422'

Secondary: Fort Scott 4330'-4334'

Perf & Squeeze: Warsaw 4426'-4428'

Respectfully Submitted,

Kevin Timson

American Warrior, Inc.