

Geological Report

American Warrior, Inc.

Burkhart #1-15

508' FNL & 1163' FWL

Sec 15, T22s, R21w

Hodgeman County, Kansas



American Warrior, Inc.

General Data

Well Data: American Warrior, Inc.
Burkhart #1-15
508' FNL & 1163' FWL
Sec 15, T22s, R21w
Hodgeman County, Kansas
API # 15-083-21908-00-00

Drilling Contractor: Duke Drilling Co. Rig #5

Geologist: Luke Thompson

Spud Date: September 9, 2014
Completion Date: September 17, 2014

Elevation 2160' G.L.
2171' K.B.

Directions: From Hanston, KS go 5 miles East on Highway 156 to 233 road. Then South 2.5 Miles, East 0.5 miles and then SW into location.

Casing: 1071' 8 5/8" #28 Surface Casing

Samples: 3700' to RTD 10' Wet & Dry

Drilling Time: 3650' to RTD

Electric Logs: No Logs

Drillstem Tests: 3 -Trilobite Testing "Ken Swinney"

Problems: No problems encountered

Formation Tops
Burkhart #1-15
Sec. 15, T21s, R22w
508' FNL & 1163' FWL

Anhydrite	1305' +866
Base	1334' +837
Heebner	3724' -1553
Douglas	3750' -1579
Lansing	3785' -1614
Stark	4084' -1877
BKC	4150' -1979
Marmaton	4155' -1984
Pawnee	4227' -2056
Fort Scott	4310' -2139
Cherokee	4334' -2163
Osage	4375' -2204
RTD	4406' -2235
LTD	N/A

Sample Zone Descriptions

- Osage (4375', -2204): Covered in DST #1**
Dolomite, tan/gray, subxln, fair vuggy porosity, slight show of free oil.
Tripartitic Chert, white/yellow, occasional pyrite, conchoidal fracture.
- Osage (4384', -2213): Covered in DST #2**
Dolomite, white/brown, occasional sucrosic, fair interxln porosity, slight odor, fair show of free oil.
Tripartitic Chert, white/pink/yellow, conchoidal fracture, occasional pyrite.
- Osage (4395', -2224): Covered in DST #3**
Dolomite, white, occasional sucrosic, poor interxln porosity, occasional poor vuggy porosity, slightly cherty, occasional glauconite, very slight odor, poor show of free oil

Drill Stem Tests

Trilobite Testing

“Ken Swinney”

DST #1

Osage

Interval (4329' - 4384') Anchor Length 55'

IHP - 2161 #

IFP - 30" – WSB built to ½" 43-54 #

ISI - 30" – no return 161 #

FFP - 10" – WSB no build 56-59 #

FSIP - Pull Test N/A

FHP - 2128 #

BHT - 115° F

Recovery: 15' Mud with show of oil in tool

DST #2

Osage

Interval (4384' – 4395') Anchor Length 11'

IHP - 2179 #

IFP - 30" – WSB built to 1" 19-27 #

ISI - 30" – No return 167 #

FFP - 30" – WSB built to 2" 26-33 #

FSIP - 30" - No return 163 #

FHP - 2136 #

BHT - 113° F

Recovery: 30' Oil cut mud 10% oil, 90% mud

DST #3

Osage

Interval (4395' – 4406') Anchor Length 11'

IHP - 2143 #

IFP - 45" – WB built to 4 ½" 20-80 #

ISI - 45" – No return 1347 #

FFP - 45" – WSB did not build 12-13 #

FSIP - 45" – No return 1332 #

FHP - 2080 #

BHT - 118° F

Recovery: 240' Muddy Water 10% mud, 90% water

Structural Comparison

Formation	American Warrior, Inc. Burkhart #1-15 Sec. 15, T22s, R21w 508' FNL & 1163' FWL		Murfin Drilling Co. Norris No. 1 Sec. 10, T22s, R21w C-SE-SW		Pickrell Drilling Co. No. 1 Mooney "D" Sec. 21, T22s, R21w C-SW-NW
Heebner	3724' -1553	+12	3724' -1565	-8	3732' -1545
Douglas	3750' -1579	+12	3760' -1601	-6	3760' -1573
Lansing	3785' -1614	+13	3786' -1627	-5	3796' -1609
Stark	4084' -1877	+8	4044' -1885	-10	4054' -1867
BKC	4150' -1979	+7	4145' -1986	-16	4150' -1963
Marmaton	4155' -1984	+7	4150' -1991	-13	4158' -1971
Pawnee	4227' -2056	+10	4225' -2066	+2	4245' -2058
Fort Scott	4310' -2139	+11	4309' -2150	-7	4318' -2131
Cherokee	4334' -2163	+11	4333' -2174	-8	4342' -2155
Osage	4375' -2204	+12	4375' -2216	-4	4387' -2200

Summary

The location for the Burkhart #1-15 well was found via 3-D seismic survey. The new well ran structurally as expected. Three 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 Burkhart #1-15 well.

Respectfully Submitted,

Luke Thompson
American Warrior, Inc.