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American Warrior Inc.
Oeser #2
NE-NW-SE-SE (1154' FSL & 892' FEL)
Section 18-16s-11w

Barton County, Kansas

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#### Dry and Abandoned

Contractor: Duke Drilling Co. (rig #8)

Commenced: December 12, , 2014

Completed: December 19, 2014

Elevation: 1903' K.B., 1901' D.F., 1895' G.L.

Casing program: Surface; 8 5/8" @ 733' Production, 5 1/2" @ N

@ None

Sample: One (1) foot drilling time recorded and kept 2800 ft. to the Rotary Total Depth. Samples saved and examined 2800' to the Rotary Total Depth.

**Drilling time:** 

Measurements: All depths measured from the Kelly Bushing.

**Drill Stem Tests:** There were three (3) Drill Stem Tests ran by Trilobite Testing Co.

Electric Log: By Pioneer; Dual Induction, Dual Compensated Porosity Log, Micro and Sonic Log.

Log Total Depth	Rotary Total Depth	Quartzite	Arbuckle	Conglomerate	Base Kansas City	Lansing	Brown Lime	Douglas	Toronto	Heebner	Base Anhydrite	Anhydrite	Formation
3461	3461	3428	3352	3318	3313	3053	3035	2974	2960	2944	755	728	Log Depth
-1558	-1558	-1525	-1449	-1415	-1410	-1150	-1132	-1071	-1057	-1041	+1148	+1175	Sub-Sea Datum

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# SAMPLE ANALYSIS, SHOWS OF OIL, TESTING DATA, ETC.

#### TOPEKA SECTION

2886-2900 Limestone, cream; finely crystalline, sub-oomoldic, chalky; poor visible porosity, trace stain, no free oil and no odor in fresh samples.

#### TORONTO SECTION

2960-2973 Limestone, white, gray, slightly fossiliferous, chalky, few dolomitic at

base; no shows.

#### LANSING SECTION

3053-3060 Limestone, white, oolitic, sub-oomoldic, chalky, brown stain, show of free

oil, fair to good odor in fresh samples.

3066-3070 Limestone, as above, trace stain, no free oil and fair odor in fresh

samples

3083-3096

Limestone, gray, white, oolitic, oomoldic, fair porosity, brown to golden brown stain, show of free oil and faint odor in fresh

samples

**Drill Stem** Test #1 3041-3094

Times: 30-30-45-60

Blow: Fair

Recovery: 263 slightly gas cut mud

Pressures: FSIP FSIP ISIP 42-68 80-156 1398 1453 ps. Sd

HSH FFP 1517-1494 psi gg

3100-3111 Limestone, white, gray, oolitic, fossiliferous, chalky; poor visible porosity, plus gray, opaque chert.

3140-3150 Limestone, white, cream, finely crystalline, oomoldic, fair oomoldic porosity, trace brown stain, trace of free oil and no odor.

3156-3164 Limestone, white, gray, oomoldic, fair oomoldic porosity, no shows

3184-3196 Limestone, tan, gray, oomoldic, good oomoldic porosity, good stain and saturation, good show of free oil and good odor in fresh samples.

3210-3217 Limestone, white, finely crystalline, oolitic, chalky, trace brown stain trace of free oil and no odor in fresh samples.

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3221-3228 Limestone, as above

3245-3250 Limestone, white, gray, sub-oomoldic, chalky, no shows

Drill Stem Test #2 3170-3250

Times: 45-30-45-60

Blow: Weak to fair

Recovery:

45' gas in pipe 15' mud, show of oil

Pressures: ISIP 95 psi

FSIP 130 bs.

**HSH** FFD 54-58 1620-1559 49-56 <u>s</u> psi psi

FP

3256-3265' Limestone, white, gray, finely crystalline, fossiliferous, chalky, poor visible porosity, no shows.

## CONGLOMERATE SECTION

3318-3330' Chert, white, gray, maroon, oolitic, boney.

3330-3352 Chert, gray, white, boney, oolitic, opaque, plus white/gray translucent chert, few weathered, trace stain, no free oil and no odor in fresh

samples.

## ARBUCKLE SECTION

3353-3361

Dolomite, white, gray, medium crystalline, scattered inter-crystalline porosity, brown stain, show of free oil and good odor in fresh samples.

Drill Stem Test#3 3301-3361

Times: 10-15-10-30

Strong

Recovery: 315' muddy water, show of oil

Pressures: <u>is</u>P 1097 psi psi

Ŧ **FSIP** FFP 58-128 132-190 1102 ps ps

HSH

1688-1605

<u>s</u>

3361-3380 good odor; no shows. Dolomite, white, gray, cream, finely crystalline, sandy, fair porosity, fair to

3380-3390 Dolomite, as above, fair to faint odor, no shows of oil.

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3390-3400 Dolomite, white, finely crystalline, few cherty, glauconitic, dense, no

shows.

3400-3410 Dolomite, as above, highly sandy; plus iron pyrite.

3410-3428 Dolomite, as above, no shows

### QUARTZITE SECTION

3428-3450 Quartz, clean, angular, few rounded, black/green/red micaeous inclusions, plus iron pyrite, no shows.

3450-3461 Quartz, as above, abundant loose iron pyrite crystals, no shows.

Rotary Total Depth: Log Total Depth: 3461 3461

Recommendations: The Oeser #2, was plugged and abandoned at the Rotary Total Depth 3461.

Respectfully Submitted

James & Musgrove Petroleum Geologist

