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American Warrior Inc. Eulert #21-35 SE-SW-NW-SE (1330' FSL & 2240' FEL) Section 35-11s-15w Russell County, Kansas

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5 1/2" Production Casing Set

Contractor:

Duke Drilling Co. (rig #8)

Commenced:

July 18, 2014

Completed:

July 25, 2014

Elevation:

1849' K.B., 1847' D.F., 1841' G.L.

Casing program:

Surface; 8 5/8" @ 902'

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Production, 5 1/2" @ 3409'

Marian School Section

Sample:

Samples saved and examined 2500' to the Rotary Total Depth.

Drilling time:

One (1) foot drilling time recorded and kept 2500 ft. to the Rotary Total

Depth.

Measurements:

All depths measured from the Kelly Bushing.

Drill Stem Tests:

There were two (2) Drill Stem Tests ran by Trilobite Testing Co.

Electric Log:

By Pioneer Energy Services; Dual Induction, Dual Compensated Porosity

Log and Micro-Resistivity Log.

Formation	Log Depth	Sub-Sea Datum
Anhydrite	902	+947
Base Anhydrite	938	+911
Topeka	2688	-839
Heebner	2939	-1090
Toronto	2959	-1110
Lansing	2993	-1144
Base Kansas City	3269	-1420
Erosional Arbuckle	3303	-1454
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SAMPLE ANALYSIS, SHOWS OF OIL, TESTING DATA, ETC.

TOPEKA SECITON

2722-2730'	Limestone, gray, white, finely crystalline, fossiliferous, chalky, trace poor stain, no free oil and no odor in fresh samples.
2860-2870'	Limestone, tan, brown, finely crystalline, few granular, fossiliferous, chalky, poor brown stain, no free oil and no odor in fresh samples.
2900-2930'	Limestone, tan, gray, medium crystalline; fossiliferous in part, few sub- oomoldic, fair porosity, dark brown and brown stain, show of free oil and faint odor in fresh samples.

TORONTO SECTION

2960-2970'	Limestone, gray, white, finely crystalline, few oolitic/fossiliferous, chalky,
	poor visible porosity, brown stain, trace of free oil and questionable odor
	in fresh samples.

LANSING SECTION

2993-3000'	Limestone, white, gray, tan, fossiliferous, chalky, poor visible porosity, brown stain, trace of free oil and questionable odor in fresh samples.
3018-3026'	Limestone, tan, oolitic, sub-oomoldic; fair oomoldic porosity, brown and black stain, show of free oil and faint odor in fresh samples.
3032-3040'	Limestone, tan, oolitic; few sub-oomoldic, fair porosity, dark brown stain; show of free oil and faint odor.
3046-3054'	Limestone, as above, decreasing stain and show.
3060-3070'	Limestone, tan, fossiliferous, chalky, poor visible porosity, brown spotty stain, no show of free oil and questionable odor.
3080-3085	Limestone, tan, oolitic, oomoldic, fair porosity, brown stain, trace of free

oil and questionable odor.

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3210-3220'

Limestone, shite/cream, finely crystalline, fossiliferous, few medium

crystalline, questionable edge staining, no free oil and no odor.

3260-3268'

Limestone, as above, no shows.

ARBUCKLE SECTION

3303-3309"

Dolomite, tan, cream, finely crystalline, weathered; cherty; poor visible porosity, plus tan dolomitic chert, fractured; brown stain, trace free oil and odor (poor samples). (Erosional Arbuckle)

Drill Stem Test #1

3241-3309

Times:

30-30-60-60

Blow:

Weak to good

Recovery:

100' mud; with oil specks

Pressures: ISIP 279

psi

FSIP 996

psi

IFP 46-62 psi

59-75 FFP

psi

HSH 1716-1548

psi

3309-3317

Dolomite, cream, white, finely crystalline, sucrosic, few medium and course crystalline, fair inter-crystalline to vuggy type porosity; brown stain and saturation, show of free oil and fair odor in fresh samples. (Solid Arbuckle).

Drill Stem Test #2

3242-3317

Times:

30-30-30-45

Blow:

Strong

Recovery:

282' oil speckled mud

315' muddy water

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3350-3380'	Dolomite, as above, fair to good porosity, trace stain, weak show of free oil and questionable odor in fresh samples.
3380-3390'	Dolomite, white, cream, fine and medium crystalline, good inter- crystalline/vuggy type porosity, no show.
3390-3409'	Dolomite, as above, sandy in part, no shows.

Rotary Total Depth: 3410 Log Total Depth: 3409

Recommendations:

5 ½ production casing was set and cemented on the American Warrior Inc., Eulert #21-35.

Respectfully Submitted,

James C. Musgrove and Adam Folk Petroleum Geologist