

American Warrior Inc.
Tempero #6-23
SE-NW-SW-SE (967' FSL & 2239' FEL)
Section 23-17s-14w
Barton County, Kansas

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5 1/2" Production Casing Set

Contractor: Duke Drilling Co. (rig #8)
Commenced: July 28, 2014
Completed: August 5, 2014
Elevation: 1915' K.B., 1913' D.F., 1907' G.L.
Casing program: Surface; 8 5/8" @ 861'
Production, 5 1/2" @ 3499'
Sample: Samples saved and examined 2800' to the Rotary Total Depth.
Drilling time: One (1) foot drilling time recorded and kept 2800 ft. to the Rotary Total Depth.
Measurements: All depths measured from the Kelly Bushing.
Drill Stem Tests: There were three (3) Drill Stem Tests ran by Triobite Testing Co.
Electric Log: By Pioneer Energy Services; Dual Induction, Dual Compensated Porosity Log and Micro Log.

<u>Formation</u>	<u>Log Depth</u>	<u>Sub-Sea Datum</u>
Anhydrite	885	+1030
Base Anhydrite	896	+1019
Heebner	3080	-1165
Toronto	3093	-1178
Douglas	3104	-1189
Brown Lime	3154	-1239
Lansing	3163	-1248
Base Kansas City	3364	-1449
Arbuckle	3388	-1473
Rotary Total Depth	3501	-1586
Log Total Depth	3500	-1585

(All tops and zones corrected to Electric Log Measurement)

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

TOPEKA SECTION

3000-3012'	Limestone, white, gray, finely crystalline, fossiliferous, trace brown stain, no free oil and no odor in fresh samples.
3025-3040'	Limestone, gray, white, finely crystalline, few fossiliferous, trace poor brown stain, no free oil and no odor in fresh samples.

TORONTO SECTION

3095-3105'	Limestone, gray, white, finely crystalline, few fossiliferous, poor visible porosity, trace poor light brown stain, no free oil and no odor in fresh samples.
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LANSING SECTION

3063-3076'	Limestone, cream, gray, highly oolitic/fossiliferous, chalky, poor to fair inter-crystalline porosity, trace brown stain, no show of free oil and no odor in fresh samples.
3185-3197'	Limestone, gray, finely crystalline, fossiliferous/oolitic, chalky, poor porosity, trace spotty brown stain, no free oil and no odor in fresh samples.
3208-3216'	Limestone, cream, light gray, white, finely oolitic, chalky, poor inter-crystalline porosity, trace stain, no free oil plus white boney chert.
3223-3227'	Limestone, cream, tan, fine to medium crystalline, oolitic, poorly developed porosity, trace brown stain, trace of free oil and faint odor in fresh samples.
3233-3241'	Limestone, cream, tan, finely crystalline, oolitic, oomoldic, fair to good oomoldic porosity, light to golden brown stain, show of free oil an fair to good odor.

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Drill Stem Test #1 3219-3250

Times: 30-30-45-60

Blow: Weak

Recovery: 110' gas in pipe
60' muddy oil
(60% oil; 40% mud)
60' very slightly oil cut mud
(5% oil; 95% mud)

Pressures: ISIP 451 psi
FSIP 406 psi
IFP 26-41 psi
FFP 47-58 psi
HSH 1585-1539 psi

3240-3254' Limestone, cream, tan, oolitic, oomoldic, scattered porosity, trace golden brown stain; no free oil and no odor.

3295-3302' Limestone, cream, finely crystalline, oolitic, oomoldic, fair oomoldic porosity, golden brown to dark brown stain, show of free oil and fair odor in fresh samples.

3311-3322' Limestone, tan, cream, finely crystalline, oolitic, oomoldic, poorly developed porosity, brown to black stain, show of free oil and fair odor in fresh samples.

Drill Stem Test #2 3279-3330

Times: 30-30-30-45

Blow: Weak

Recovery: 30' mud

Pressures: ISIP 489 psi
FSIP 506 psi
IFP 36-44 psi
FFP 46-50 psi
HSH 1627-1582 psi

3330-3340' Limestone, cream, tan, finely crystalline, oolitic; poorly developed porosity, spotty stain, no free oil and no odor in fresh samples.

3348-3360' Limestone, white, cream, finely crystalline, highly oolitic, fossiliferous, chalky, trace spotty stain, trace of free oil and faint odor in fresh samples.

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ARBUCKLE SECTION

3388-3399' Dolomite, tan, fine and medium crystalline, fair inter-crystalline porosity, brown stain, show of free oil and good in fresh samples.

Drill Stem Test #3 3348-3399

Times: 30-45-30-60

Blow: Strong

Recovery: 207' gas in pipe
248' slightly oil and gas cut mud
(10% gas; 5% oil; 85% mud)
419' clean gassy oil

Pressures: ISIP 880 psi
FSIP 865 psi
IFP 65-163 psi
FFP 182-255 psi
HSH 1661-1601 psi

3400-3420' Dolomite, tan, fine and medium crystalline, sucrosic, poor to fair inter-crystalline porosity, brown stain, show of free oil and fair odor in fresh samples.

3420-3440' Dolomite, cream, tan, fine to medium crystalline, poorly developed porosity, cherty in part, trace brown stain, trace of free oil and faint odor.

3440-3460' Dolomite, cream, tan, fine to medium crystalline, sandy in part, scattered dark brown stain, no free oil and no odor in fresh samples.

3460-3480' Dolomite, white, cream, finely crystalline, poor visible porosity, no shows, plus white, gray boney chert.

3480-3501' Dolomite and chert as above.

Rotary Total Depth: 3500
Log Total Depth: 3501

Recommendations:
5 ½ production casing was set and cemented on the American Warrior Inc., Temporo #6-23.

Respectfully Submitted,



Kurt Talbott and Adam Folk
Petroleum Geologist