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American Warrior Inc.
Amstutz #1-8
NW-SW-SE-SW (416' FSL & 1436' FWL)
Section 8-19s-9w
Rice County, Kansas
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Dry and Abandoned

Contractor: Duke Drilling Co. (Rig #8)
Commenced: August 3, 2013
Completed: August 12, 2013
Elevation: 1723' K.B; 1721' D.F; 1715' G.L.
Casing program: Surface; 8 5/8" @ 330'
Production; none.
Sample: Samples saved and examined 2600' to the Rotary Total Depth.
Drilling time: One (1) foot drilling time recorded and kept 2600 ft to the Rotary Total Depth.
Measurements: All depths measured from the Kelly Bushing.
Formation Tests: There were two (2) Drill Stem Test ran by Trilobite Testing.
Electric Log: By Pioneer; Dual Induction, Dual Compensated Porosity, Micro Log and Sonic Log.

<u>Formation</u>	<u>Log Depth</u>	<u>Sub-Sea Datum</u>
Anhydrite	379	+1344
Base Anhydrite	391	+1332
Heebner	2748	-1025
Toronto	3769	-1046
Douglas	3781	-1058
Brown Lime	2875	-1152
Lansing	2901	-1178
Base Kansas City	3187	-1464
Conglomerate	3214	-1491
Arbuckle	3234	-1511
Rotary Total Depth	3365	-1642
Log Total Depth	3364	-1641

(All tops and zones corrected to Electric Log measurements).

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

TOPEKA SECTION

2623-2632' Limestone; tan, finely crystalline, slightly cherty, dense, trace light brown stain, trace of free oil and no odor.

2693-2704' Limestone; tan, finely crystalline, granular, few fossiliferous, poor to fair porosity, no shows.

TORONTO SECTION

2769-2780' Limestone; tan, fine and medium crystalline, poor scattered porosity, trace stain, show of free oil and no odor.

LANSING SECTION

2901-2908' Limestone; cream, tan, fossiliferous, poorly developed porosity, light brown stain, no free oil and no odor.

2921-2930' Limestone; gray, finely crystalline, fossiliferous, slightly cherty, poor porosity, no shows.

2941-2950' Limestone; tan, finely crystalline, fossiliferous, poor visible porosity, no shows.

2964-2974' Limestone; tan, brown, finely crystalline, fossiliferous, poor visible porosity, trace light brown stain, no free oil and no odor.

2980-3004' Limestone; cream, tan, white, oolitic, oomoldic, good oomoldic and vuggy porosity, light brown stain, show of free oil and faint odor.

3046-3080' Limestone; tan, brown, oomoldic, good oomoldic and vuggy type porosity, light brown stain, show of free oil.

3089-3100' Limestone; white, oomoldic, chalky, fair oomoldic porosity, trace brown stain, trace free oil and no odor in fresh samples.

Drill Stem Test #1 **3052-3109'**

Times: 30-30-30-30

Blow: Weak

Recovery: 15' mud oil specked

Pressures: ISIP 571 psi
FSIP 480 psi
IFP 15-20 psi
FFP 20-21 psi
HSH 1487-1421 psi

3120-3125' Limestone; tan, gray, fine and medium crystalline, fossiliferous, scattered porosity, no shows.

3157-3170' Limestone; cream, tan, finely crystalline, dense, few fossiliferous, cherty.

CONGLOMERATE SECTION

Chert; white and gray in matrix of varied colored shale.

ARBUCKLE SECTION

3234-3240' Dolomite; white/tan, finely crystalline, poor visible porosity, trace stain, weak show of free oil, faint odor.

3240-3249' Dolomite; white, gray, finely crystalline, fair intercrystalline porosity, light brown stain, show of free oil and good odor in fresh samples.

Drill Stem Test #2 3182-3249'

Times: 15-45-20-X

Blow: Strong

**Recovery: 189' mud, show of oil
1901' water, slightly gas cut**

**Pressures: ISIP 1089 psi
FSIP plugged
IFP 853-1003 psi
FFP plugged
HSH 1574-1480 psi**

3249-3260' Dolomite; white, gray, fine and medium crystalline, poor to fair intercrystalline porosity, light brown stain, no free oil and good odor in fresh samples.

3260-3280' Dolomite; white, finely crystalline, poor visible porosity, no shows and fair odor in fresh samples.

3280-3310' Dolomite; as above, sandy.

3310-3330' Dolomite; tan, brown, finely crystalline, poor visible porosity, no shows.

3330-3350' Dolomite; as above, trace white/gray opaque chert.

3350-3365' Dolomite; brown and tan, finely crystalline, poorly developed porosity, no shows.

**Rotary Total Depth 3364
Log Total Depth 3365**

Recommendations:

The Amstutz #1 was plugged and abandoned at the Rotary Total Depth 3365'.

Respectfully submitted;



Wyatt Urban,
Petroleum Geologist