

JAMES C. MUSGROVE

Petroleum Geologist
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American Warrior Inc.
Mike #1-12
NW-SE-NE-NE (980' FNL & 335' FEL)
Section 12-18s-10w
Rice County, Kansas
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Dry and Abandoned

Contractor: Duke Drilling Co. (Rig #8)
Commenced: August 30, 2013
Completed: September 5, 2013
Elevation: 1743' K.B; 1741' D.F; 1735' G.L.
Casing program: Surface; 8 5/8" @ 285'
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 was one (1) Drill Stem Test ran by Trilobite Testing.
Electric Log: By Pioneer Energy Services; Dual Compensated Porosity, Dual Induction, Microresistivity and Borehole Compensated Sonic Log.

<u>Formation</u>	<u>Log Depth</u>	<u>Sub-Sea Datum</u>
Anhydrite	434	+1309
Base Anhydrite	453	+1290
Heebner	2745	-1002
Toronto	2761	-1018
Douglas	2776	-1033
Brown Lime	2862	-1119
Lansing	2880	-1137
Base Kansas City	3172	-1429
Conglomerate	3201	-1458
Arbuckle	3226	-1483
Rotary Total Depth	3300	-1557
Log Total Depth	3285	-1542

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

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

TOPEKA SECTION

2765-2705' Limestone; cream, tan, finely crystalline, oolitic/fossiliferous, slightly dolomitic, oomoldic in part, no shows.

TORONTO SECTION

2761-2776' Limestone; tan, buff, finely crystalline, few fossiliferous, poor visible porosity, no shows.

LANSING SECTION

2880-2898' Limestone; cream, tan, white, finely crystalline, chalky, no shows.

2905-2915' Limestone; cream, tan, finely crystalline, oolitic/fossiliferous, chalky, poorly developed porosity, no shows.

2940-2950' Limestone; cream, tan, finely crystalline, oolitic, oomoldic, poor oomoldic porosity, chalky, no shows.

2956-2966' Limestone; cream, white, finely crystalline, oolitic, dense.

2966-2996' Limestone; cream, white, finely crystalline, oolitic, oomoldic, poor oomoldic porosity, no shows.

3032-3041' Limestone; cream, tan, gray, finely crystalline, oolitic, fossiliferous, poor scattered fine vuggy type to oomoldic porosity, no shows.

3058-3068' Limestone; white, gray, tan, finely crystalline, fossiliferous/oolitic, scattered porosity, no shows.

3068-3084' Limestone; cream, tan, finely crystalline, oolitic, fossiliferous, oomoldic, fair porosity, trace stain, no free oil and no odor.

3106-3110' Limestone; cream, tan, finely oolitic/fossiliferous, poor porosity.

3133-3150' Limestone; cream, tan, finely crystalline, few oolitic, poor visible porosity, no shows.

3158-3166' Limestone; tan, buff, finely crystalline, poor scattered porosity, slightly cherty.

ARBUCKLE SECTION

3226-3233' Dolomite; cream, white, fine and medium crystalline, fair intercrystalline porosity, dark brown stain, show of free oil and good odor in fresh samples.

Drill Stem Test #1 3181-3233'

Times: 30-45-45-45

Blow: Strong

Recovery: 3' clean oil
248' muddy water

Pressures: ISIP 1120 psi
FSIP 1118 psi
IFP 15-67 psi
FFP 69-130 psi
HSH 1543-1531 psi

3233-3260' Dolomite; white, gray, fine and medium crystalline, poorly developed porosity, brown and black stain, no free oil and faint odor.

3266-3280' Dolomite; white, cream, finely crystalline, poorly developed porosity, trace white, cream, boney, chert, trace black stain, no free oil and faint odor.

3280-3300' Dolomite; as above, no shows.

Rotary Total Depth 3364
Log Total Depth 3365

Recommendations:

The Mike #1-12 was plugged and abandoned at the Rotary Total Depth 3300'.

Respectfully submitted;



Kurt Talbott,
Petroleum Geologist

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