

16 GS

Geological Report

American Warrior Inc.
Davis #1-15
460' FSL & 1500' FWL
Sec. 15 T7S R22W
Graham County, Kansas

Hard Rock Consulting, Inc.
Jason Alm Petroleum Geologist

15-7-22W

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American Warrior, Inc.

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General Data

Well Data: American Warrior Inc.
Davis #1-15
SE S1/2 SW
460' FSL & 1500' FWL
Sec. 15 T. 7S R. 22 W.
Graham County, Kansas
API # 15-065-23302-0000

Drilling Contractor: Anderson Drilling Co. Rig #2

Spud Date: April 23, 2007

Completion Date: April 30, 2007

Elevation: 2300' Ground Level
2305' Kelly Bushing

Directions: Bogue Kansas, North to Highway 18, 4 ½ miles
West to Rd. 567, North 4 miles to Rd. Y, ¼ mile
East, North into location.

Casing: 217' 8 5/8" surface casing
3950' 5 ½" production casing

Samples: 10' wet and dry, 3200' to RTD

Drilling Time: 3100' to RTD

Electric Logs: Wedge - Log Tech "Mike Garrison"
Dual Induction, Compensated Neutron Density,
Microlog and Sonic

Drillstem Tests: Two, Trilobite Testing Inc. "Jason McLemore"

Problems: Hole in pipe causing poor samples 3450' to 3558',
RTD 10 feet short.

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Formation Tops

American Warrior, Inc.

Davis #1-15

Sec. 30 T7S R22W

Formation	460' FSL & 1500' FWL
Anhydrite	1923', +382
Base	1954', +351
Topeka	3294', -980
Heebner	3482', -1177
Toronto	3506', -1201
Lansing	3523', -1218
BKc	3717', -1412
Conglomerate	3765', -1460
Cong. Sand	3780', -1475
Arbuckle	3830', -1525
RTD	3960'
LTD	3950'

Sample Zone Descriptions

Toronto (3506', -1201):

Ls – Fine crystalline slightly sucrosic with poor inter-crystalline and pinpoint vuggy porosity. Oil stain and slight saturation is found in the porosity with a **slight show of free oil**. Poor oil cut fluorescents, oil is heavy and dead.

LKc C-zone (3564', -1259):

Ls – Fine crystalline with poor vuggy and inter-crystalline porosity, oil stain and slight saturation in porosity, **Slight show of free oil**.

LKc D-zone (3580', -1275):

Ls – Fine crystalline with poor pinpoint vuggy and inter-crystalline porosity, slight oil stain in porosity, no show of free oil.

LKc I-zone (3682', -1377):

Ls – Fine crystalline, Fossil oolites with poor oolitic porosity, slight oil stain in porosity with no saturation, no show of free oil, mostly barren.

LKc K-zone (3708', -1403):

Ls – Fine crystalline, Fossil oolite packstone with poor to fair oomoldic and oolitic porosity, oil stained and saturated in porosity, **Show of free oil**, light yellow oil cut fluorescents.

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Cong. Sand (3780', -1475):

SS – slightly limey, Fine to medium grained, poorly sorted, sub-rounded, with poor inter-granular porosity. Slight oil saturation in porosity. Very well cemented, tight, no odor.

Arbuckle Rework (3823', -1518):

Dolomitic Sand – Sandstone clusters with poor to fair inter-granular porosity, heavy oil saturation in porosity, **Good show of free oil**, light to fair odor, good yellow oil cut fluorescents.

Arbuckle (3830', 1525):

Dolo – very sandy, Fine crystalline with poor to fair inter-crystalline and vuggy porosity, Good oil stain and saturation in porosity, **Good show of free oil**, fair to good yellow oil cut fluorescents, light to fair odor. Sandstone clusters, fine grained with poor to fair inter-granular porosity, Good oil saturation, **Fair to Good show of free oil**.

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Drill Stem Tests
Trilobite Testing Inc.
Jason McLemore

DST #1 Lansing-Kansas City I-K zones
Interval (3668' – 3718') Anchor Length 50'
IHP – 1819 #
IFP – 30" – Surge on open, dead 14-15 #
ISI – 30" – Dead 169 #
FFP – 30" – Dead 13-15 #
FSI – 30" – Dead 268 #
FHP – 1725 #
BHT – 107°F

Recovery: 5' Mud

DST #2 Arbuckle and Conglomerate Sand
Interval (3806' – 3863') Anchor Length 57'
IHP – 1914 #
IFP – 45" – B.O.B. 17 min. 25-77 #
ISI – 45" – Weak surface blowback 942 #
FFP – 45" – B.O.B. 20 min. 85-123 #
FSI – 45" – Weak surface blowback 905 #
FHP – 1912 #
BHT – 113°F

Recovery: 320' Gas Cut Oil 90% Oil, 10% Gas
 120' Gas Cut Mud Cut Oil 50% Oil, 10% Gas
 Gravity 26° API

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Structural Comparison

	American Warrior, Inc.	Griggs Oil, Inc.	Energy Three, Inc.
	Davis #1-15	#1 Nichol	#1 Nichol
	Sec. 15 T7S R22W	Sec. 15 T7S R22W	Sec. 15 T7S R22W
Formation	460' FSL 1500' FWL	SE SW SW	NE SE SW
Anhydrite	1923', +382	1933', +374	1915', +386
Base	1954', +351	1962', +345	NA
Topeka	3285', -980	3296', -989	NA
Heebner	3482', -1177	3494', -1187	3482', -1181
Toronto	3506', -1201	3517', -1210	3505', -1204
Lansing	3523', -1218	3533', -1226	3522', -1221
BKc	3717', -1412	3725', -1418	3721', -1420
Conglomerate	3765', -1460	3773', -1466	NA
Cong. Sand	3780', -1475	3794', -1487	NA
Arb. Rework	3823', -1518	NA	NA
Arbuckle	3830', -1525	3866', -1559	3874', -1573

Summary

The Davis #1-15 well ran as expected by 3-D seismic survey. Lansing-Kansas City zones condemned by sample and electric logs even with the regionally high structural position. The Arbuckle Formation was encountered at a datum 34' high to the comparison well. A drill stem test was conducted over the top of the Arbuckle recovering commercial amounts of oil. After all gathered data had been examined the decision was made to run 5 ½ inch production casing to further test the Davis #1-15 well.

Recommended Perforations

Primary:

Arbuckle (3830' – 3833')

Secondary:

Arbuckle Rework (3824' – 3827')

Toronto (3516' – 3518')

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Respectfully Submitted,

Jason Alm

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