

COPY

Geological Report

American Warrior Inc.
Miller – Buckner #1-1
1890' FNL & 2437' FWL
Sec. 1 T8S R22W
Graham County, Kansas

Hard Rock Consulting, Inc.
Jason Alm Petroleum Geologist

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American Warrior, Inc.

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CONSERVATION DIVISION
WICHITA, KS

General Data

Well Data: American Warrior Inc.
Miller – Buckner #1-1
E/2 SE NW
1890' FNL & 2437' FWL
Sec. 1 T. 8 S. R. 22 W.
Graham County, Kansas
API # 15-065-23327-0000

Drilling Contractor: Discovery Drilling Co., Inc. Rig #1

Spud Date: September 21, 2007

Completion Date: September 27, 2007

Elevation: 2125' Ground Level
2133' Kelly Bushing

Directions: Bogue KS, North to Hwy 24 & 18 Jct., West 1 mi.,
North 1 mi., West ½ mi. South into location

Casing: 212' 8 5/8" surface casing
3732' 5 ½" production casing

Samples: 10' wet and dry, 3100' to RTD

Drilling Time: 3000' to RTD

Electric Logs: Wedge-Log Tech, "Mike Garrison"
CNL/CDL, DIL, MEL, BHCS

Drillstem Tests: Three, Trilobite Testing Inc. "Dan Bangle"

Problems: None

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Formation Tops

Formation

Anhydrite	1670', +467
Base	1703', +430
Topeka	3100', -967
Heebner	3311', -1178
Toronto	3332', -1199
Lansing	3344', -1211
BKc	3546', -1413
Arbuckle	3647', -1514
RTD	3728', -1595
LTD	3732', -1599

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Miller - Buckner #1-1

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Sample Zone Descriptions

LKc A-zone (3344', -1211):

Ls – Fine crystalline, fossil oolites with poor to fair oomoldic and oolitic porosity, oil stain with fair saturation in porosity, **show of free oil**, good odor, fair to good yellow oil cut fluorescents.

LKc C-zone (3380', -1247):

Ls – Fine crystalline with poor vuggy porosity, fossil oolites with poor oolitic porosity, oil stained with good saturation in porosity, **show of free oil**, strong "rotten" odor, fair yellow oil cut fluorescents, "wet".

LKc D-zone (3393', -1260):

Ls – Sl. Dolo – Fine crystalline with poor inter-crystalline and fair vugular porosity, heavy oil stain and saturation in porosity, **good show of free oil**, strong odor, bright oil cut yellow fluorescents.

LKc E-zone (3414', -1281):

Ls – Fine crystalline, fossil oolites with poor oolitic porosity, oil stain with light saturation in porosity, no show of free oil, light to odor.

LKc F-zone (3422', -1289):

Ls – Fine crystalline, fossil oolites with poor to fair oolitic and oomoldic porosity, oil stain with light saturation in porosity, **slight show of free oil**, dull yellow oil cut fluorescents, fair to strong odor.

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LKc K-zone (3492', -1392):

Ls – Fine crystalline, fossil oolite packstone with poor to fair oolitic and oomoldic porosity, good oil stain with fair saturation in porosity, **show of free oil**, fair odor, good yellow oil cut fluorescents.

Cong. Sand (3635', -1502):

SS – Chert – Fine to medium grained, fairly sorted, well rounded, with very poor inter-granular porosity, gilsonite stain in porosity, no show of free oil, light odor.

Arbuckle (3637', -1537):

Dolo – Fine to medium to coarse crystalline with fair to good inter-crystalline and vuggy porosity, heavy oil stain and saturation in porosity, **good show of free oil**, strong odor, fair yellow oil cut fluorescents.

Drill Stem Tests

Trilobite Testing Inc.

“Tyson Flax”

DST #1

Lansing-Kansas City A zone

Interval (3338' – 3355') Anchor Length 17'

IHP – 1633 #

IFP – 30" – B.O.B. 4 min.

ISI – 45" – 1" Blowback

FFP – 30" – B.O.B. 7 min.

FSI – 45" – ½" Blowback

FHP – 1565 #

BHT – 109°F

36-257 #

857 #

267-426 #

856 #

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Recovery:

526' GIP

251' GCO

90% Oil 10% Gas

Gravity: 36° API

124' OCMW

20% Oil 60% Water 20% Mud

744' Water

Chlorides: 78,000 ppm 1,000 ppm / system

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DST #2

Lansing-Kansas City D-E zones

Interval (3387' - 3415') Anchor Length 28'

IHP - 1640 #

IFP - 30" - B.O.B. 3 min.

30-304 #

ISI - 45" - Dead

789 #

FFP - 30" - B.O.B. 5 min.

315-453 #

FSI - 45" - Dead

790 #

FHP - 1602 #

BHT - 110°F

Recovery: 62' GIP

75' CGO

90% Oil 10% Gas

Gravity: 35° API

124' OCGW

10% Oil 10% Gas 80% Water

630' Water

Chlorides: 62,000 ppm 2,000 ppm / system

DST #3

Arbuckle

Interval (3647' - 3654') Anchor Length 7'

IHP - 1895 #

IFP - 45" - B.O.B. 5 min.

23-141 #

ISI - 45" - Dead

887 #

FFP - 45" - 4"

147-218 #

FSI - 45" - Dead

841 #

FHP - 1817 #

BHT - 115°F

Recovery: 620' Clean Oil

100% Oil

Gravity: 26° API

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Structural Comparison

	American Warrior, Inc. Miller - Buckner #1-1 Sec. 1 T8S R22W 1890' FNL & 2437' FWL	Cities Service Gordon #1 Sec. 1 T8S R22W SE NE NW	Arrowhead Petroleum Buckner /A/ #1 Sec. 1 T8S R22W 990' FNL & 990' FEL
Formation			
Anhydrite	1670', +467	1670', +476	1662', +460
Base	1703', +430	NA	1693', +429
Topeka	3100', -967	3100', -954	NA
Heebner	3311', -1178	NA	3299', -1177
Toronto	3332', -1199	NA	3321', -1199
Lansing	3344', -1211	3352', -1206	3335', -1213
BKc	3546', -1413	NA	3537', -1415
Arbuckle	3647', -1514	3671', -1525	3643', -1521

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Summary

The location for the Miller – Buckner #1-1 well was found via 3-D seismic survey. The well ran low on nearly all structural except for the Arbuckle. Three Drill Stem Tests were conducted, two of which recovered oil and water from the Lansing-Kansas City. The third recovered commercial amounts of oil from the Arbuckle Formation. After all gathered data had been thoroughly examined the decision was made to run 5 ½" production casing to further evaluate the Miller – Buckner #1-1 well.

Recommended Perforations

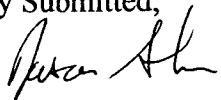
Primary:

Arbuckle:	(3647' - 3651')	DST #3
LKc A-zone:	(3347' - 3352')	DST #1 -will make water

Before Abandonment:

LKc K-zone:	(3578' - 3580')	Not Tested
LKc E-zone:	(3415' - 3417')	DST #2
LKc D-zone:	(3398' - 3406')	DST #2 -will make water

Respectfully Submitted,



Jason Alm
Hard Rock Consulting, Inc.

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