

Geological Report

American Warrior, Inc.
BCB Unit #1
1150' FSL & 220' FWL
Sec. 20 T17s R21w
Ness County, Kansas



American Warrior, Inc.

General Data

Well Data: American Warrior, Inc.
BCB Unit #1
1150' FSL & 220' FWL
Sec. 20 T17s R21w
Ness County, Kansas
API # 15-135-25761-0000

Drilling Contractor: Petromark Drilling, LLC. Rig #1

Geologist: Jason T Alm

Spud Date: May 4, 2014

Completion Date: May 12, 2014

Elevation: 2227' Ground Level
2233' Kelly Bushing

Directions: Bazine KS, East ½ mi. to EE Rd. North 7 mi. East
into location.

Casing: 221' 8 5/8" surface casing
4317' 5 1/2" production casing

Samples: 10' wet and dry, 3900' to RTD

Drilling Time: 3600' to RTD

Electric Logs: Pioneer Energy Services "Daylan Kerr"
CNL/CDL, DIL

Drillstem Tests: Trilobite Testing, Inc. "Tate Lang"

Problems: Lost Circulation around 4285'.

Remarks: None

Formation Tops

Formation	American Warrior, Inc.
	BCB Unit #1
	Sec. 20 T17s R21w
	1150' FSL & 220' FWL
Anhydrite	1529', +704
Base	1564', +669
Heebner	3688', -1455
Lansing	3732', -1499
BKc	4005', -1772
Pawnee	4108', -1875
Fort Scott	4191', -1958
Cherokee	4206', -1973
Mississippian	4293', -2060
LTD	4318', -2085
RTD	4320', -2087

Sample Zone Descriptions

Mississippian Osage (4300', -2067): **Covered in DST #1 & 2**

Dolo – Δ – Fine sucrosic crystalline with poor to fair inter-crystalline and vuggy porosity, very heavy slightly triptolic chert, mostly angular with fair to good vuggy porosity, light to fair oil stain with scattered light saturation, show of free oil, good odor, fair yellow fluorescents, 25 units hotwire.

Drill Stem Tests

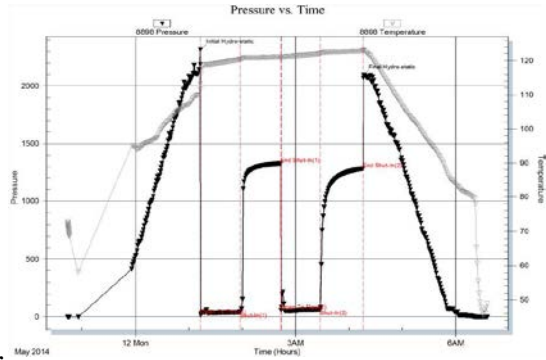
Trilobite Testing, Inc.
"Tate Lang"

DST #1 Mississippian Osage

Interval (4303' – 4310') Anchor Length 7'

IHP	- 2315 #	
IFP	- 45" – Built to 2 ½ in.	17-40 #
ISI	- 45" – Dead	1328 #
FFP	- 45" – Built to 4 ½ in.	55-63 #
FSI	- 45" – Dead	1284 #
FHP	- 2094 #	
BHT	- 123°F	

Recovery: 10' WCMO 45% Oil, 10% Water
 120' WMCO 80% Oil, 10% Water

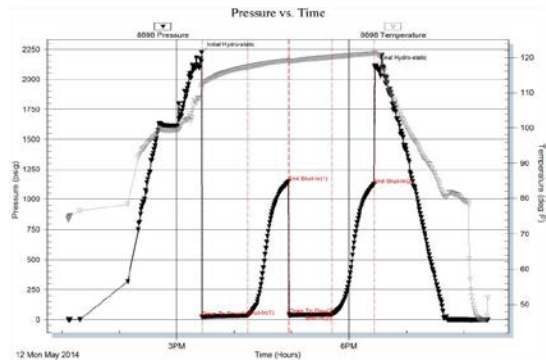


DST #2 Mississippian Osage

Interval (4310' – 4320') Anchor Length 10'

IHP	- 2222 #	
IFP	- 45" – Built to 2 ½ in.	17-40 #
ISI	- 45" – Dead	1148 #
FFP	- 45" – Built to 2 ¾ in.	45-44 #
FSI	- 45" – Dead	1125 #
FHP	- 2111 #	
BHT	- 121°F	

Recovery: 15' Clean Oil
 45' OCM 20% Oil



Structural Comparison

	American Warrior, Inc. BCB Unit #1 Sec. 20 T17s R21w 1150' FSL & 220' FWL	William N Bucklin Brenner #3 Sec. 20 T17s R21w 660' FSL & 4950' FEL		ARES Energy Brenner #20-12 Sec. 20 T17s R21w 1555' FSL & 1139' FWL	
Formation					
Anhydrite	1529', +704	NA	NA	NA	NA
Base	1564', +669	NA	NA	NA	NA
Heebner	3688', -1455	3683', -1460	(+5)	3706', -1466	(+11)
Lansing	3732', -1499	3730', -1507	(+8)	3750', -1510	(+11)
BKc	4005', -1772	4002', -1779	(+7)	NA	NA
Pawnee	4108', -1875	4104', -1881	(+6)	4123', -1883	(+8)
Fort Scott	4191', -1958	4192', -1969	(+11)	NA	NA
Cherokee	4206', -1973	4204', -1981	(+8)	NA	NA
Mississippian	4293', -2060	4293', -2070	(+10)	4292', -2052	(-8)

Summary

The location for the BCB Unit #1 was found via 3-D seismic survey. The new well ran structurally as expected via the survey. Two Drill Stem Tests were conducted both of which recovered commercial amounts of oil from the Mississippian Osage Formation. After all gathered data had been examined the decision was made to run 5 ½ inch production casing to further evaluate the BCB Unit #1 well.

Recommended Perforations

Mississippian Osage

4300' – 4310'

DST #1,2

Respectfully Submitted,

Jason T Alm
Hard Rock Consulting, Inc.