

Geological Report

American Warrior, Inc.

FBK Unit #1

150' FSL & 820' FWL

Sec. 18 T18s R21w

Ness County, Kansas



American Warrior, Inc.

General Data

Well Data: American Warrior, Inc.
FBK Unit #1
150' FSL & 820' FWL
Sec. 18 T18s R21w
Ness County, Kansas
API # 15-135-25678-0000

Drilling Contractor: Petromark Drilling, LLC. Rig #1

Geologist: Jason T Alm

Spud Date: January 11, 2014

Completion Date: January 17, 2014

Elevation: 2152' Ground Level
2158' Kelly Bushing

Directions: Bazine KS, intersection of Hwy 96 and Austin St.
North 2 mi. to 150 Rd. East ¼ mi. North into
location.

Casing: 225' 8 5/8" surface casing
4235' 5 1/2" production casing

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

Drilling Time: 3600' to RTD

Electric Logs: None

Drillstem Tests: One, Trilobite Testing, Inc. "Brett Dickinson"

Problems: Testing head came loose during final flow resulting
in weaker than expected blow. Head was tightened
20 min. into flow and blow built as expected.

Remarks: None

Formation Tops

	American Warrior, Inc. FBK Unit #1 Sec. 18 T18s R21w 150' FSL & 820' FWL
Formation	
Anhydrite	1424', +734
Base	1458', +700
Heebner	3619', -1461
Lansing	3662', -1504
BKc	3979', -1821
Pawnee	4057', -1899
Fort Scott	4134', -1976
Cherokee	4153', -1995
Mississippian	4221', -2063
RTD	4236', -2078

Sample Zone Descriptions

Mississippian Osage (4221', -2063): Covered in DST #1

Dolo – Δ – Fine sucrosic crystalline with fair to good inter-crystalline and vuggy porosity, very heavy triptolic chert, weathered with good vuggy porosity, light to good oil stain, good show of free oil, bright yellow flourescents, good odor, 85 units hotwire.

Drill Stem Tests

Trilobite Testing, Inc.
 “Brett Dickinson”

DST #1

Mississippian Osage

Interval (4224' – 4233') Anchor Length 9'

IHP	– 2133 #	
IFP	– 30” – B.O.B. 12 min.	25-105 #
ISI	– 30” – Built to ¼ in.	1315 #
FFP	– 30” – Built to 8 in.	110-169 #
FSI	– 30” – Built to ¼ in.	1311 #
FHP	– 2109 #	
BHT	– 121°F	

Recovery: 300' GIP
 300' GCO
 120' VSWMCO 55% Oil, 5% Water

Structural Comparison

	American Warrior, Inc. FBK Unit #1 Sec. 18 T18s R21w 150' FSL & 820' FWL	Texokan Petroleum Corp. Wunder #1 Sec. 18 T18s R21w SW SE SW	High Plains Oil Exploration Wunder A #1 Sec. 13 T18s R22w SE SE SE	
Formation				
Anhydrite	1424', +734	NA	1423', +732	(+2)
Base	1458', +700	NA	1459', +696	(+4)
Heebner	3619', -1461	3615', -1444	1423', -1467	(+6)
Lansing	3662', -1504	3662', -1491	3669', -1514	(+10)
BKc	3979', -1821	NA	NA	NA
Pawnee	4057', -1899	4060', -1889	4074', -1919	(+20)
Fort Scott	4134', -1976	4134', -1963	4150', -1995	(+19)
Cherokee	4153', -1995	NA	4171', -2016	(+21)
Mississippian	4221', -2063	4241', -2070	4253', -2098	(+35)

Summary

The location for the FBK Unit #1 was found via 3-D seismic survey. The new well ran structurally as expected via the survey. One Drill Stem Test was conducted 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 FBK Unit #1 well.

Recommended Perforations

Primary:

Mississippian Osage

(4221' – 4234')

DST #1

Respectfully Submitted,

Jason T Alm
Hard Rock Consulting, Inc.