

Geological Report

American Warrior, Inc.

Dave Albers #3-24

335' FNL & 2305' FEL

Sec. 24 T20s R22w

Ness County, Kansas



American Warrior, Inc.

General Data

Well Data: American Warrior, Inc.
Dave Albers #3-24
335' FNL & 2305' FEL
Sec. 24 T20s R22w
Ness County, Kansas
API # 15-135-25867-0000

Drilling Contractor: Discovery Drilling Rig #3

Geologist: Jason T Alm, D.J. Rebel

Spud Date: April 20, 2015

Completion Date: April 26, 2015

Elevation: 2225' Ground Level
2233' Kelly Bushing

Directions: Bazine KS, South 10 mi. to 30 rd. West ½ mi. South
into location.

Casing: 222' 8 5/8" surface casing
4370' 5 1/2" production casing

Samples: 10' wet and dry, 4000' to RTD

Drilling Time: 3700' to RTD

Electric Logs: None

Drillstem Tests: One, Trilobite Testing, Inc. "Jim Svaty"

Problems: None

Remarks: There was trace amounts of H2S found in fluid
recovery on DST #1. 20 ppm was the highest
reading.

Formation Tops

	American Warrior, Inc. Dave Albers #3-24 Sec. 24 T20s R22w 335' FNL & 2305' FEL
Formation	
Anhydrite	1438', +795
Base	1469', +764
Heebner	3713', -1480
Lansing	3761', -1528
BKc	4079', -1846
Pawnee	4194', -1961
Fort Scott	4273', -2040
Cherokee	4297', -2064
Mississippian	4353', -2120
Osage	4363', -2130
RTD	4371', -2138

Sample Zone Descriptions

Mississippian Osage (4363', -2130): **Covered in DST #1**

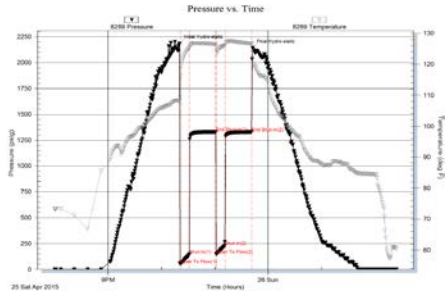
Δ – White, weathered in part with good vuggy porosity, slightly dolomitic, fine crystalline with pinpoint inter-crystalline and vuggy porosity, light to fair oil stain with scattered light saturation, fair show of free oil, good odor, fair yellow spotted fluorescents.

Drill Stem Tests
Trilobite Testing, Inc.
"Jim Svaty"

DST #1 **Mississippian Osage**

Interval (4364' – 4371') Anchor Length 7'

- IHP – 2185 #
- IFP – 10" – B.O.B. 2 ½ min. 51-147 #
- ISI – 30" – B.O.B. 16 min. 1329 #
- FFP – 10" – B.O.B. 4 min. 147-228 #
- FSI – 30" – Built to 9 in. 1328 #
- FHP – 2140 #
- BHT – 126°F



Recovery: 540' GIP
 414' GCO
 126' WMCO 80% Oil, 10% Water

Structural Comparison

	American Warrior, Inc. Dave Albers #3-24 Sec. 24 T20s R22w 335' FNL & 2305' FEL	Rains & Williamson Bondurant B #1 Sec. 24 T20s R22w 335' FNL & 2305' FEL		Pickering A #1 Cities Service Sec. 24 T20s R22w W2 NW NE	
Formation					
Anhydrite	1438', +795	NA	NA	NA	NA
Base	1469', +764	NA	NA	NA	NA
Heebner	3713', -1480	3710', -1480	FL	3699', -1483	(+3)
Lansing	3761', -1528	3758', -1528	FL	3746', -1530	(+2)
BKc	4079', -1846	NA	NA	NA	NA
Pawnee	4194', -1961	NA	NA	NA	NA
Fort Scott	4273', -2040	NA	NA	4264', -2048	(+8)
Cherokee	4297', -2064	NA	NA	4290', -2074	(+10)
Mississippian	4353', -2120	4350', -2120	FL	4363', -2147	(+27)
Osage	4363', -2130	4367', -2137	(+7)	4398', -2182	(+52)

Summary

The location for the Dave Albers #3-24 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 Dave Albers #3-24 well.

Recommended Perforations

Primary:

Mississippian Osage (4363' – 4370') **DST #1**

Before Abandonment:

Fort Scott (4284' – 4289') **Not Tested**

Respectfully Submitted,

Jason T Alm
Hard Rock Consulting, Inc.