

Geological Report

Evans #1-26

2184' FNL & 1495' FEL

Sec. 26 T15s R30w

Gove County, Kansas



American Warrior, Inc.

General Data

Well Data:	American Warrior, Inc. Evans #1-26 2184' FNL & 1495' FEL Sec. 26 T15s R30w Gove County, Kansas API # 15-063-22292-0000
Drilling Contractor:	Discovery Drilling Co. Inc. Rig #2
Geologist:	Jason T Alm
Spud Date:	April 7, 2017
Completion Date:	April 14, 2017
Elevation:	2617' Ground Level 2625' Kelly Bushing
Directions:	Healy KS, at the intersection of Dodge Rd and Hwy 4, North 7 3/4 mi. West into location.
Casing:	211' 8 5/8" surface casing
Samples:	10' wet and dry, 3600' to RTD
Drilling Time:	3450' to RTD
Electric Logs:	None
Drillstem Tests:	Four, Trilobite Testing, Inc. "Bradley Walter"
Problems:	None
Remarks:	After DST #4 it was decided to go ahead and plug the well. There are no known pay sources below the Johnson zone in this area.

Formation Tops

	American Warrior, Inc. Evans #1-26 Sec. 26 T15s R30w 2184' FNL & 1495' FEL
Formation	
Anhydrite	2036' +589
Base	2065' +560
Heebner	3671' -1046
Toronto	3691' -1066
Lansing	3710' -1085
BKC	4046' -1421
Marmaton	4101' -1476
Pawnee	4167' -1542
Fort Scott	4224' -1599
Cherokee	4250' -1625
Johnson	4294' -1669
RTD	4310' -1685

Sample Zone Descriptions

LKC C	(3744' -1115): Covered in DST #1 Ls – Fine crystalline, oolitic with poor to fair oolitic and oomoldic porosity, light to fair oil stain in porosity, no show of free oil when broken, no odor, light yellow fluorescents, 25 units hotwire.
LKC E	(3796' -1171): Covered in DST #1 Ls – Fine crystalline, oolitic with poor oomoldic porosity, light oil stain in porosity, slight show of free oil when broken, no odor, scattered yellow fluorescents, 14 units hotwire.
LKC H	(3894' -1269): Covered in DST #2 Ls – Fine crystalline, oolitic with scattered poor to fair oomoldic and oolitic porosity, light to fair oil stain in porosity, slight show of free oil when broken, light odor, fair to good spotted yellow fluorescents, 40 units hotwire.
LKC K	(3973' -1346): Covered in DST #3 Ls – Fine crystalline, oolitic with poor scattered oomoldic porosity, light oil stain in porosity, slight show of free oil when broken, light odor, dull yellow fluorescents, 14 units hotwire.

LKC Middle Creek (4011' -1386): Covered in DST #3

Ls – Fine to coarse crystalline with poor to scattered fair inter-crystalline porosity, light to fair oil stain and saturation in porosity, slight show of free oil, strong odor, dull yellow fluorescents, 24 units hotwire.

Johnson

(4294' -1669): Covered in DST #4

Ls – Fine to sub-crystalline with scattered poor inter-crystalline and vuggy porosity, light to fair spotted oil stain, no show of free oil, very light odor, fair yellow fluorescents, 24 units hotwire.

Drill Stem Tests

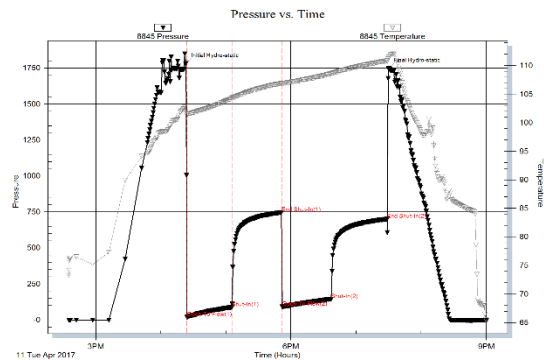
Trilobite Testing, Inc.
“Bradley Walter”

DST #1 LKC C-E

Interval (3730' – 3805') Anchor Length 75'

IHP	– 1781 #	
IFP	– 45" – B.O.B. 43 min.	18-87 #
ISI	– 45" – Dead	745 #
FFP	– 45" – Built to 6 in.	90-142 #
FSI	– 45" – Dead	699 #
FHP	– 1746 #	
BHT	– 126°F	

Recovery: 290' MCW w/ oil spots

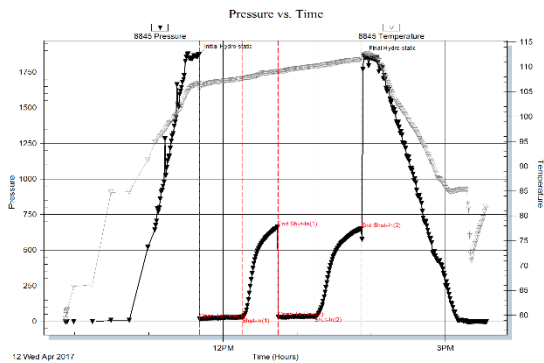


DST #2 LKC H-J

Interval (3870' – 3970') Anchor Length 100'

IHP	– 1872 #	
IFP	– 30" – Built to 2 in.	17-28 #
ISI	– 30" – Dead	663 #
FFP	– 30" – W.S.B.	29-34 #
FSI	– 30" – Dead	652 #
FHP	– 1860 #	
BHT	– 112°F	

Recovery: 45' Oil Spotted Mud

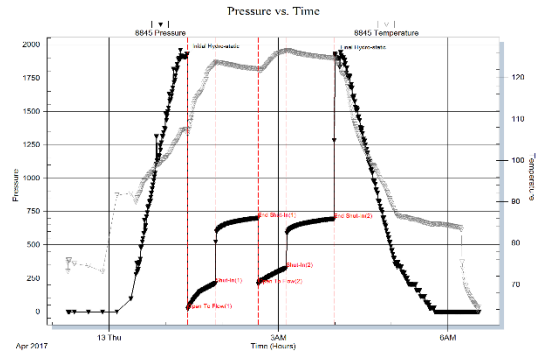


DST #3 LKC K-Middle Creek

Interval (3966' – 4020') Anchor Length 54'

IHP – 1927 #
 IFP – 30" – B.O.B. 6 min. 18-212 #
 ISI – 30" – Dead 699 #
 FFP – 30" – B.O.B. 10 min. 204-327 #
 FSI – 30" – W.S.B. 693 #
 FHP – 1917 #
 BHT – 126°F

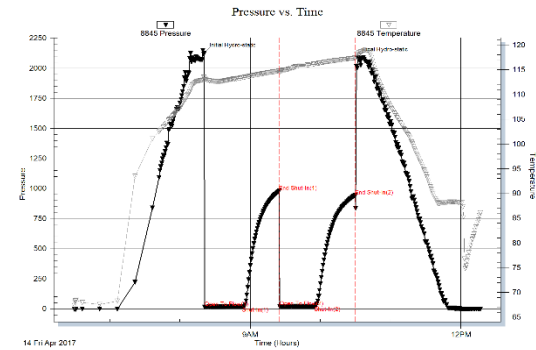
Recovery: 60' GIP
 240' SOMCW 1% Oil, 69% Water
 390' SOMCW 1% Oil, 96% Water

**DST #4 Johnson**

Interval (4246' – 4310') Anchor Length 64'

IHP – 2126 #
 IFP – 30" – Built to 1 in. 14-18 #
 ISI – 30" – Dead 978 #
 FFP – 30" – W.S.B. 19-23 #
 FSI – 30" – Dead 941 #
 FHP – 2091 #
 BHT – 117°F

Recovery: 25' Mud

**Structural Comparison**

	American Warrior, Inc. Evans #1-26 Sec. 26 T15s R30w 2184' FNL & 1495' FEL	White & Ellis Drilling L Evans #1-26 Sec. 26 T15s R30w 2970' FSL & 3300' FEL		American Warrior, Inc. Lewis #1-26 Sec. 26 T15s R30w 1379' FSL & 1626' FWL	
Formation					
Anhydrite	2036' +589	2037' +592	(-3)	2054' +591	(-2)
Base	2065' +560	2064' +565	(-5)	2083' +562	(-2)
Heebner	3671' -1046	3669' -1040	(-6)	3691' -1046	FL
Toronto	3691' -1066	NA	NA	3712' -1067	(+1)
Lansing	3710' -1085	3709' -1080	(-5)	3732' -1087	(+2)
BKC	4046' -1421	4048' -1419	(-2)	4069' -1424	(+3)
Marmaton	4101' -1476	4102' -1473	(-3)	4118' -1473	(-3)
Pawnee	4167' -1542	4171' -1542	FL	4184' -1539	(-3)
Fort Scott	4224' -1599	4227' -1598	(-1)	4239' -1594	(-5)
Cherokee	4250' -1625	4253' -1624	(-1)	4263' -1618	(-7)
Johnson	4294' -1669	4294' -1665	(-4)	4305' -1660	(-9)
Mississippian	Not Reached	4327' -1698	NR	4342' -1697	NR

Summary

The location for the Evans #1-26 was found via 3-D seismic survey. The new well ran structurally as expected via the survey. Four Drill Stem Tests were conducted all of which were negative. After all gathered data had been examined the decision was made to plug and abandon the Evans #1-26 well.

Respectfully Submitted,

Jason T Alm
Hard Rock Consulting, Inc.