

Geological Report

American Warrior, Inc.

Six M Unit #1-14

163' FSL & 958' FWL

Sec 14, T22s, R34w

Finney County, Kansas



American Warrior, Inc.

General Data

Well Data: American Warrior, Inc.
Six M Unit #1-14
163' FSL & 958' FWL
Sec. 14, T22s, R34w
Finney County, Kansas
API # 15-055-22401-00-00

Drilling Contractor: Duke Drilling Co. Rig #5

Geologist: Luke Thompson

Spud Date: March 22, 2015

Completion Date: April 2, 2015

Elevation 2930' G.L.
2941' K.B.

Directions: From the NW side of Holcomb, KS at the intersection of Hwy 50 and Big Lowe Rd, go north 9 miles to Barlow Rd, go west 1.8 miles and north into.

Casing: 1750' 8 5/8" #24 Surface Casing

Samples: 3800' to RTD 10' Wet & Dry

Drilling Time: 3750' to RTD

Electric Logs: Pioneer Energy Services "D. Kerr"
Stacked Micro

Drillstem Tests: Three-Trilobite Testing "Mike Roberts"

Problems: Packer Failure @ 4466'
Packer Failure @ 4715'

Formation Tops

Six M Unit #1-14

Sec. 14, T22s, R34w

163' FSL & 658' FWL

Anhydrite	1972' +969
Base	2032' +909
Heebner	3818' -877
Lansing	3875' -934
Stark	4217' -1276
Bkc	4350' -1409
Marmaton	4376' -1435
Pawnee	4468' -1527
Fort Scott	4498' -1557
Cherokee	4508' -1567
Morrow	4714' -1773
Miss	4814' -1873
RTD	4950' -2009
LTD	4948' -2007

Sample Zone Descriptions

Pawnee (4480', -1539): Covered in DST #1 & 2

Limestone, tan/grey, sub crystalline, slightly sandy, slightly chalky, occasionally oolitic wackestone. Few cuttings, Limestone, cream, oolitic grainstone, poor oolitic porosity, fair show of free oil when broke, fair fleeting odor. (Gas not functional)

Morrow (4800, -1859): Covered in DST #3 & 4

Sandstone, grey/brown, slightly dirty, very fine grained, well sorted, sub round, poor consolidation, poor inter-crystalline porosity, fair odor, good stain, good saturation, good show of free oil, slow milky cut, bright yellow/green fluorescence. Gas 100 units hotwire.

Cherokee (4620, -1679): Covered in DST #5 (Straddle Test)

Limestone, tan/cream, sub crystalline, scattered sucrosic dolomite stringers, occasionally chalky, poor to fair show of free oil when broke, poor to fair odor, slow string cut, dull yellow fluorescence. (Gas system not functioning)

Drill Stem Tests

Trilobite Testing

“Mike Roberts”

DST #1

Pawnee

Interval (4466' – 4493') Anchor Length 27'

Packer Failure

Details N/A

DST #2

Pawnee

Interval (4459' – 4493') Anchor Length 34'

IHP - 2184 #

IFP - 45" – BOB in 38 min

43-119 #

ISI - 45" – No return

1074 #

FFP - 45" – Built to 8"

127-153 #

FSIP - 45" – No return

1077 #

FHP - 2260 #

BHT - 112° F

Recovery: 124' OCM (30% Oil)

124' M

62' MCW

DST #3

Morrow

Interval (4715' – 4844') Anchor Length 129'

Packer Failure

Details N/A

DST #4

Morrow

Interval (4702' – 4844') Anchor Length 142'

IHP - 2426 #

IFP - 30" – ½" blow

95-102 #

ISI - 30" – No Return

159 #

FFP - 10" – No Blow

104-105#

FSIP - Pulled Test

N/A

FHP - 2399 #

BHT - 119 ° F

Recovery: 10' M

DST #5

Cherokee (straddle test)

Interval (4610' – 4624') Anchor Length 14' Tail Pipe 324'

IHP - 2361 #

IFP - 30" – 1/8" blow 19-26#

ISI - 30" – No Return 1012 #

FFP - 10" – No Blow 27-31 #

FSIP - Pulled Test N/A

FHP - 2310 #

BHT - 112 ° F

Recovery: 10' M

Structural Comparison

	American Warrior, Inc. Six M Unit #1-14 Sec. 14, T22s, R34w 163' FSL & 658' FWL		American Warrior, Inc. Six M #2-23 Sec. 23, T22s, R34w 602' FNL & 1606' FWL		American Warrior, Inc. Niquette Farms #1-14 Sec. 14, T22s, R34w 1874' FNL & 1994' FEL
<u>Formation</u>					
Heebner	3818' -877	+5	3822' -882	+6	3814' -883
Lansing	3875' -934	+2	3891' -936	-1	3896' -933
Stark	4217' -1276	+3	4219' -1279	-18	4189' -1258
BKC	4350' -1409	+4	4353' -1413	-16	4324' -1393
Marmaton	4376' -1435	+5	4380' -1440	-16	4350' -1419
Pawnee	4468' -1527	+5	4472' -1532	-23	4435' -1504
Fort Scott	4498' -1557	+2	4499' -1559	-26	4462' -1531
Cherokee	4508' -1567	+3	4510' -1570	-24	4474' -1543
Morrow	4714' -1773	-3	4710' -1770	-34	4670' -1739
Miss	4814' -1873	+41	4854' -1914	-46	4758' -1827

Summary

The location for the Six M Unit #1-14 well was found via 3-D seismic survey. The new well ran structurally as expected. Five drill stem test were conducted, none of which recovered commercial quantities of oil. After all the gathered data had been examined, the decision was made plug and abandon the Six M Unit #1-14 well.

Respectfully Submitted,

Lukas Thompson
American Warrior, Inc.