

Geological Report

American Warrior, Inc.

Irsik-Finney #2-23

1104' FSL & 2310' FWL

Sec. 23, T24s, R31w

Finney County, Kansas



American Warrior, Inc.

General Data

Well Data: American Warrior, Inc.
Irsik-Finney #2-23
1104' FSL & 2310' FWL
Sec. 23, T24s, R31w
Finney County, Kansas
API # 15-055-22351-00-00

Drilling Contractor: Duke Drilling Co. Rig #10

Geologist: Kevin Timson

Spud Date: October 22, 2014

Completion Date: October 30, 2014

Elevation 2870' G.L.
2881' K.B.

Directions: From Garden City, KS. Go Southeast on Hwy 50 to Pole Line Rd. Go East 2 miles to Sherman Rd. Go South 1 mile and East on lease road and North into.

Casing: 1699' 8 5/8" #21 Surface Casing
5091' 5 1/2" #15.5 Production Casing

Samples: 4600' to RTD 10' Wet & Dry

Drilling Time: 3950' to RTD

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

Drillstem Tests: Two-Trilobite Testing "Leal Cason"

Problems: None

Formation Tops

Irsik-Finney #2-23

Sec. 23, T24s, R31w

1104' FSL & 2310' FWL

Anhydrite	1947' +934
Base	2017' +864
Heebner	4019' -1138
Lansing	4074' -1193
Stark	4424' -1543
Bkc	4553' -1672
Marmaton	4575' -1694
Pawnee	4650' -1769
Fort Scott	4678' -1797
Cherokee	4691' -1810
Morrow	4852' -1971
Miss	4885' -2004
RTD	5100' -2219
LTD	5100' -2219

Sample Zone Descriptions

St. Louis (4885', -2004): Covered in DST #2

Ls. Tan. Sub crystalline. Fair oomoldic and oolycastic porosity. Fair stain and fair saturation in porosity. Slight show of free oil when broken. Fair odor. 80 units hotwire.

Drill Stem Tests

Trilobite Testing

“Leal Cason”

DST #1

Morrow

Interval (4840' – 4887') Anchor Length 47'

IHP - 2432 #

IFP - 30" – WSB built to 1/4" 22-26 #

ISI - 30" – No return 342 #

FFP - 30" – WSB 26-28 #

FSIP - 30" – No return 108 #

FHP - 2485 #

BHT - 120 ° F

Recovery: 10' Mud

DST #2

St. Louis

Interval (4898' - 4948') Anchor Length 50'

IHP - 2489 #

IFP - 45" - BOB in 22 min 25-48 #

ISI - 45" - No return 747 #

FFP - 45" - BOB in 8 min 56-75 #

FSIP - 60" - No return 731 #

FHP - 2355 #

BHT - 120° F

Recovery: 150' OCM (40% Oil)

Structural Comparison

	American Warrior, Inc. Irsik-Finney #2-23 Sec. 23, T24s, R31w 1104' FSL & 2310' FWL		American Warrior, Inc. Irsik-Finney #3-23 Sec. 23, T24s, R31w 2269' FNL & 2558' FEL		American Warrior, Inc. Irsik-Finney #4-23 Sec. 23, T24s, R31w 528' FSL & 2580' FWL
Formation					
Heebner	4019' -1138	-1	4016' -1137	-1	4020' -1137
Lansing	4074' -1193	-3	4069' -1190	-5	4071' -1188
Stark	4424' -1543	-2	4424' -1545	-1	4425' -1542
BKC	4553' -1672	+1	4552' -1673	+1	4556' -1673
Marmaton	4575' -1694	+3	4576' -1697	-1	4576' -1693
Pawnee	4650' -1769	-1	4647' -1768	FL	4652' -1769
Fort Scott	4678' -1797	-5	4671' -1792	-2	4678' -1795
Cherokee	4691' -1810	-7	4682' -1803	-3	4690' -1807
Morrow	4852' -1971	-16	4834' -1955	-8	4846' -1963
Miss	4885' -2004	-18	4865' -1986	-7	4880' -1997

Summary

The location for the Irsik-Finney #2-23 well was found via 3-D seismic survey. The new well ran structurally as expected. Two drill stem tests were conducted, one of which recovered commercial quantities of oil from the St. Louis Limestone formation. After all the gathered data had been examined, the decision was made to run 5 ½" production casing to further evaluate the Irsik-Finney #2-23 well.

Perforations

Primary:	St. Louis	(4925'-4930')	DST #2
Before Abandonment:	Cherokee	(4763' – 4771')	Not Tested

Respectfully Submitted,

Kevin Timson
American Warrior, Inc.

