

Geological Report

American Warrior, Inc.

Irsik-Finney #4-23

528' FSL & 2580' FWL

Sec. 23, T24s, R31w

Finney County, Kansas



American Warrior, Inc.

General Data

Well Data: American Warrior, Inc.
Irsik-Finney #4-23
528' FSL & 2580' FWL
Sec. 23, T24s, R31w
Finney County, Kansas
API # 15-055-22309-00-00

Drilling Contractor: Duke Drilling Co. Rig #5

Geologist: Kevin Timson

Spud Date: June 4, 2014

Completion Date: June 15, 2014

Elevation 2872' G.L.
2883' 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: 1702' 8 5/8" #24 Surface Casing
5070' 5 1/2" #17 Production Casing

Samples: 4400' to RTD 10' Wet & Dry

Drilling Time: 3850' to RTD

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

Drillstem Tests: Three-Trilobite Testing "Corndog & Walt"

Problems: First two tests misruns

Formation Tops

Irsik-Finney #4-23

Sec. 23, T24s, R31w

528' FSL & 2580' FWL

Anhydrite	1948' +935
Base	2017' +866
Heebner	4020' -1137
Lansing	4071' -1188
Stark	4425' -1542
Bkc	4556' -1673
Marmaton	4576' -1693
Pawnee	4652' -1769
Fort Scott	4678' -1795
Cherokee	4690' -1807
Morrow	4846' -1963
Miss	4880' -1997
RTD	5075' -2192
LTD	5075' -2192

Sample Zone Descriptions

St. Louis (4865', -1986): Covered in DST #3

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. 20 units hotwire.

Drill Stem Tests
Trilobite Testing
“Bradley Walter”

DST #3

St. Louis

Interval (4900' – 4955') Anchor Length 55'

IHP - 2510 #

IFP - 45" – BOB in 40 min

27-97 #

ISI - 45" – Surface return

999 #

FFP - 45" – BOB in 1 min

123-133 #

FSIP - 45" – 4" return

928 #

FHP - 2510 #

BHT - 123 ° F

Recovery: 2320' GIP

240' GMCO (30% Oil)

60' GCO (70% Oil)

30' OCM (30% Oil)

Structural Comparison

	American Warrior, Inc. Irsik-Finney #4-23 Sec. 23, T24s, R31w 528' FSL & 2580' FWL		American Warrior, Inc. Irsik-Finney #3-23 Sec. 23, T24s, R31w 2269' FNL & 2558' FEL		American Warrior, Inc. Irsik-Finney #1-23 Sec. 23, T24s, R31w 1768' FSL & 2556' FEL
Formation					
Heebner	4020' -1137	FL	4016' -1137	+4	4024' -1141
Lansing	4071' -1188	+2	4069' -1190	+8	4079' -1196
Stark	4425' -1542	+3	4424' -1545	+10	4435' -1552
BKC	4556' -1673	FL	4552' -1673	+10	4566' -1683
Marmaton	4576' -1693	+4	4576' -1697	+10	4586' -1703
Pawnee	4652' -1769	-1	4647' -1768	+11	4663' -1780
Fort Scott	4678' -1795	-3	4671' -1792	+9	4687' -1804
Cherokee	4690' -1807	-4	4682' -1803	+11	4701' -1818
Morrow	4846' -1963	-8	4834' -1955	+11	4857' -1974
Miss	4880' -1997	-11	4865' -1986	+1	4881' -1998

Summary

The location for the Irsik-Finney #4-23 well was found via 3-D seismic survey. The new well ran structurally as expected. Three 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 #4-23 well.

Perforations

Primary:	Morrow	(4867'-4873')	
Secondary:	St. Louis	(4934' – 4939')	TESTED
	St. Louis	(4916' – 4920')	
Before Abandonment:	St. Louis	(5022' – 5027')	
	St. Louis	(4963' – 4967')	

Respectfully Submitted,

Kevin Timson
American Warrior, Inc.

