

Geological Report

American Warrior, Inc.

Irsik-Finney #3-23

2269' FNL & 2558' FEL

Sec. 23, T24s, R31w

Finney County, Kansas



American Warrior, Inc.

General Data

Well Data: American Warrior, Inc.
Irsik-Finney #3-23
2269' FNL & 2558' FEL
Sec. 23, T24s, R31w
Finney County, Kansas
API # 15-055-22305-00-00

Drilling Contractor: Duke Drilling Co. Rig #10

Geologist: Kevin Timson

Spud Date: May 15, 2014

Completion Date: May 28, 2014

Elevation 2868' G.L.
2879' K.B.

Directions: From Garden City, KS. Go Southeast on Hwy 50 to Pole Line Rd. Go East 2.8 miles go southeast into location.

Casing: 1705' 8 5/8" #24 Surface Casing
4996' 5 1/2" #15.5 Production Casing

Samples: 4000' to RTD 10' Wet & Dry

Drilling Time: 3950' to RTD

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

Drillstem Tests: Three-Trilobite Testing "Leal Cason"

Problems: Mud pump issues.

Formation Tops

Irsik-Finney #1-23

Sec. 23, T24s, R31w

1768' FSL & 2556' FEL

Anhydrite	1950' +929
Base	2019' +860
Heebner	4016' -1137
Lansing	4069' -1190
Stark	4424' -1545
Bkc	4552' -1673
Marmaton	4576' -1697
Pawnee	4647' -1768
Fort Scott	4671' -1792
Cherokee	4682' -1803
Morrow	4834' -1955
Miss	4865' -1986
RTD	5000' -2121
LTD	4999' -2120

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

“Leal Cason”

DST #1

Pawnee to Cherokee

Interval (4638' – 4715') Anchor Length 77'

IHP - 2467 #

IFP - 30" – WSB built to 2" 24-47 #

ISI - 30" – No return 1240 #

FFP - 30" – WSB 48-68 #

FSIP - 30" – No return 1209 #

FHP - 2426 #

BHT - 115 ° F

Recovery: 95' SGCM (2% Gas)

DST #2

Morrow

IHP - 2624 #

IFP - 30" – WSB 23-24 #

ISI - 30" – No return 98 #

FFP - 10" – WSB 24-NA #

FSIP - Pull Tool NA

FHP - 2483 #

BHT - 114 ° F

Recovery: 5' Mud

DST #3

St. Louis

IHP - 2644 #

IFP - 30" – BOB in 12 min 22-29 #

ISI - 45" – No return 1178 #

FFP - 45" – BOB in 30 seconds 33-48 #

FSIP - 60" – No return 1129 #

FHP - 2567 #

BHT - 119 ° F

Recovery: 93' GMWCO (70% Oil, 20% Water, 5% Gas)

930' GIP

Structural Comparison

	American Warrior, Inc. Irsik-Finney #3-23 Sec. 23, T24s, R31w 2269' FNL & 2558' FEL		Sharon Resources, Inc. Gates #19-1 Sec. 19, T24s, R30w 2100' FNL & 330' FWL		American Warrior, Inc. Irsik-Finney #1-23 Sec. 23, T24s, R31w 1768' FSL & 2556' FEL
Formation					
Heebner	4016' -1137	+37	4056' -1174	+4	4024' -1141
Lansing	4069' -1190	+41	4113' -1231	+6	4079' -1196
Stark	4424' -1545	+23	4450' -1568	+7	4435' -1552
BKC	4552' -1673	+25	4580' -1698	+10	4566' -1683
Marmaton	4576' -1697	+25	4604' -1722	+6	4586' -1703
Pawnee	4647' -1768	+29	4679' -1797	+12	4663' -1780
Fort Scott	4671' -1792	+31	4705' -1823	+12	4687' -1804
Cherokee	4682' -1803	+34	4719' -1837	+15	4701' -1818
Morrow	4834' -1955	+35	4872' -1990	+19	4857' -1974
Miss	4865' -1986	+33	4901' -2019	+12	4881' -1998

Summary

The location for the Irsik-Finney #3-23 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 1/2" production casing to further evaluate the Irsik-Finney #3-23 well.

Perforations

Primary:

St. Louis (4914'-4920')

Respectfully Submitted,

Kevin Timson
American Warrior, Inc.

