

Geological Report

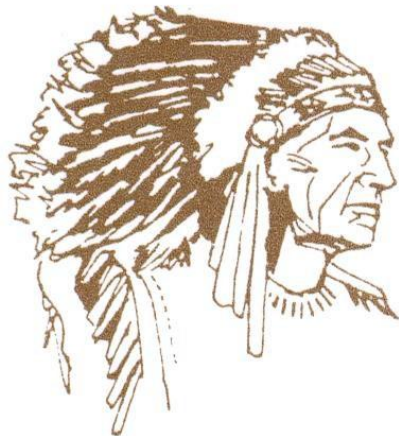
American Warrior, Inc.

Gano #3-17

1512' FSL & 2603' FEL

Sec 17, T25s, R36w

Kearny County, Kansas



American Warrior, Inc.

General Data

Well Data: American Warrior, Inc.
Gano #3-17
1512' FSL & 2603' FEL
Sec. 17, T25s, R36w
Kearny County, Kansas
API # 15-093-21943-00-00

Drilling Contractor: Duke Drilling Co. Rig #1

Geologist: Kevin Timson

Spud Date: July 7, 2016

Completion Date: July 19, 2016

Elevation 3025' G.L.
3036' K.B.

Directions: From Lakin, KS. Go South on Hwy 25 3 miles. Go West on Rd 26 1.7 miles. Go one mile South on Rd R. West into.

Casing: 1697' 8 5/8" #24 Surface Casing
5023' 5 1/2" #17 Production Casing

Samples: 3550' to RTD 10' Wet

Drilling Time: 3550' to RTD

Electric Logs: Pioneer Energy
Services "D.Schmidt" Full Sweep

Drillstem Tests: 4 Trilobite Testing "Bradley Walter"

Problems: None

Formation Tops

Gano #3-17

Sec. 17, T25s, R36w

1512' FSL & 2603' FEL

Heebner	3627' -591
Lansing	3674' -638
Stark	4018' -982
Bkc	4182' -1146
Marmaton	4206' -1170
Fort Scott	4340' -1304
Cherokee	4351' -1315
Morrow	4643' -1607
St. Gen	4788' -1752
RTD	5050' -2014
LTD	5048' -2012

Lansing 'D' (3792' -756): Covered in DST #1
Ls. Tan. Med crystalline. Fair to good oomoldic porosity. Good stain.
Good saturation. Show of free oil. Bright yellow stream cut. 80 unit kick.

Altamont 'B' (4247' -1211): Covered in DST #3
Ls. Tan. Sub crystalline. Fair oomoldic and fair oolycastic porosity. Poor
to fair intercrystalline porosity. Good stain. Good saturation. Show of free oil. Good odor.
Bright yellow full cut. 305 unit kick.

St. Louis 'C' (4916' -1880:): Not Tested
Ls. Off white. Sub crystalline. Fair oomoldic and fair oolycastic porosity.
Fair to good stain. Fair saturation. Show of free oil when broken. Fair odor. Bright yellow full
cut when broken. 100 unit kick.

Drill Stem Tests
Trilobite Testing "Bradley Walter"

DST #1

Lansing 'D'

Interval (3682'-3809') Anchor Length 127'

IHP	-1751 #	
IFP	-30" - BOB in 3 min	96-332#
ISI	-45" - No Return	996#
FFP	-45" - BOB in 6 min	319-505#
FSIP	-60" - No Return	992#
FHP	-1728#	
BHT	-106° F	
Recovery:	175' OCM (30% Oil)	
	590' GMOCW (20% Oil)	
	365' SMOCW (5% Oil)	

DST #2

Lansing 'F'

Interval (3834'-3850') Anchor Length 16'

IHP	-1820#	
IFP	-30" - BOB in 2 min	99-532#
ISI	-45" - No Return	1080#
FFP	-45" - BOB in 3 min	539-869#
FSIP	-60" - No Return	1080#
FHP	-1770#	
BHT	-109° F	
Recovery:	1920' SMCW	

DST #3

Altamont Lwr 'B'

Interval (4248'-4263') Anchor Length 15'

IHP	-2131#	
IFP	-30" - BOB in 45 sec	166-418#
ISI	-45" - BOB in 6 min	1186#
FFP	-30" - BOB instantly GTS 15 min	449-654#
FSIP	-60" - BOB in 5 min	1186#
FHP	-2113#	
BHT	-115° F	
Recovery:	2580' GO (65% Oil) Gravity: 37	

DST #4

Morrow

Interval (4630'-4795') Anchor Length 165'

IHP	-2315#	
IFP	-30" - 1/2" blow died in 15 min	32-48#
ISI	-30" - No Return	97#
FFP	-30" - WSB died in 2 min	48-67#
FSIP	-30" - No Return	95#
FHP	-2304#	
BHT	-115°	
Recovery:	40' Mud with oil spots	

Structural Comparison

	American Warrior, Inc.		McConathy Oil & Gas		Pan American Petro Corp
	Gano #3-17		Gano #17-1		Campbell #1
	Sec 17, T25s, R36w		Sec 17, T25s, R36w		Sec 18, T25s, R36w
Formation	1512' FSL & 2603' FEL		2310' FSL & 660' FEL		4620' FSL & 660' FEL
Heebner	3627' -591	+20	3631' -611	FL	3627' -591
Lansing	3674' -638	+16	3684' 654	+2	3676' -640
Stark	4018' -982	+24	4037' -1006	-1	4017' -981
BKc	4182' -1146	+22	4198' -1168	+4	4186' -1150
Marmaton	4206' -1170	+25	4225' -1195	+6	4212' -1176
Pawnee	4307' -1271	+24	4325' -1295	FL	4307' -1271
Fort Scott	4340' -1304	+20	4354' -1324	+1	4341' -1305
Cherokee	4351' -1315	+19	4364' -1334	+2	4353' -1317
Morrow	4643' -1607	+14	4651' -1621	-5	4638' -1602
St. Genieve	4788' -1752	+24	4806' -1776	-14	4774' -1738

Summary

The location for the Gano #3-17 well was found via 3-D seismic survey. The new well ran structurally as expected. Four drill stem tests were conducted, one of which recovered commercial quantities of oil from the Altamont B formation. After all the gathered data had been examined, the decision was made to run 5 ½" production casing to further evaluate the Gano #3-17 well.

Perforations:

Primary:	St. Louis C Lwr	(4951'-4955')	Not Tested
	St. Louis C	(4918'-4924')	Not Tested
	St. Louis A	(4823'-4827')	Not Tested
	Altamont B	(4248'-4263')	DST #3
Secondary:	Altamont A	(4228'-4231')	Not Tested
	Lansing K	(4030'-4034')	Not Tested
	Lansing E	(3817'-3821')	Not Tested
	Lansing D	(3793'-3799')	DST #1
	Lansing C	(3764'-3768')	DST #1
Before Abd.	Fort Scott	(4345'-4347')	Not Tested

Respectfully Submitted,

Kevin Timson

