

Geological Report

American Warrior, Inc.

Meyers #3-9

1112' FNL & 818' FWL

Sec 9, T33s, R31w

Seward County, Kansas



American Warrior, Inc.

General Data

Well Data: American Warrior, Inc.
Meyers #3-9
1112' FNL & 818' FWL
Sec. 9, T33s, R31w
Seward County, Kansas
API # 15-175-22239-00-00

Drilling Contractor: Duke Drilling Co. Rig #5

Geologist: Luke Thompson

Spud Date: June 29, 2015

Completion Date: July 16, 2015

Elevation 2779' G.L.
2790' K.B.

Directions: From the South side of Kismet, KS at the intersection of Hwy 54 & Rd. V – Now go 0.3 mile South on Hwy 54 to ingress stake West into Now go approx. 840' West through pasture, - Now go approx. 60' North through pasture, into staked location..

Casing: 1706' 8 5/8" #24 Surface Casing
6142' 5 1/2" #15.5 Production Casing

Samples: 4100' to RTD 10' Wet & Dry

Drilling Time: 1500' – 1700' & 2400' – 3700' & 4050' to RTD

Electric Logs: Pioneer Energy Services "C. Christensen"
Full Sweep

Drillstem Tests: Four-Trilobite Testing "Matt Smith"

Problems: Lost Circulation @ 680' (loss 100 bbls)

Formation Tops

Meyers #3-9

Sec. 9, T33s, R31w

1112' FNL & 818' FWL

Anhydrite	1554' +1236
Base	1629 +1161
Heebner	4288' -1498
Lansing	4426' -1636
BKC	5035' -2245
Marmaton	5058' -2268
Cherokee	5246' -2456
Morrow	5570' -2780
Chester Lime	5686' -2896
St. Gen	5869' -3079
St. Louis	5999' -3209
RTD	6150' -3360
LTD	6150' -3360

Sample Zone Descriptions

Marmaton (5090' -2300; 5185' -2395): Covered in DST #1

Limestone, cream, sub crystalline, chalky, occasional fossiliferous, good odor, occasional scattered pin point vuggy porosity, scattered bright green fluorescence, fair slow string cut, good flush cut when broke. Gas 185 units hotwire.

Morrow (5670', -2880): Covered in DST #2

Sandstone, grey/white, fine grain, sub-round, fair sorted, well cement, no odor, no fluorescence, no cut, fair flush cut when broke. Gas 150 units hotwire.

Chester (5760', -2970): Covered in DST #3

Limestone, cream/white, sub crystalline, slightly chalky, dead oil stain, no odor, fair to good stain, no visible porosity, no fluorescence, slow stream cut, excellent flush cut when broke. Gas 235 units hotwire.

St Louis **(6016', -3226):** **Covered in DST #4**

Limestone, cream, oolitic packstone, scattered poor oolitic porosity, scattered black stain in porosity, fair to good odor, no fluorescence, fair slow stream cut. Gas 330 units hotwire.

Drill Stem Tests

Trilobite Testing

“Matt Smith”

DST #1

Marmaton

Interval (4990' – 5200') Anchor Length 210'

IHP - 2633 #

IFP - 30" – BOB in 19 min 153-314 #

ISI - 45" – no return 1518 #

FFP - 45" – 10 ½" blow 321-409 #

FSIP - 60" - no return 1501#

FHP - 2477 #

BHT - 122° F

Recovery: 120' tr O GWCM (5% G)

60' tr O GM (10% G)

120' sl O GWCM (10% G)

62' OGCM (1% O, 19% G)

DST #2

Morrow

Interval (5546' – 5710') Anchor Length 164'

IHP - 2855 #

IFP - 30" – 5 ½" blow 130-185 #

ISI - 45" – no return 257 #

FFP - 45" – 3 ½" died back to 1" 117-171 #

FSIP - 60" - no return 212#

FHP - 2734 #

BHT - 126° F

Recovery: 65' M

DST #3

Chester

Interval (5733' – 5873') Anchor Length 140'

IHP - 2933 #

IFP - 30" – 1" blow 91-98 #

ISI - 30" – no return 120 #

FFP - 30" – no blow 99-101#

FSIP - 30" – no return 113 #

FHP - 2884 #

BHT - 129 ° F

Recovery: 15' M

DST #4

St. Louis

Interval (5980' – 6016') Anchor Length 36'

IHP - 2968 #

IFP - 30" – 2" blow 20-44 #

ISI - 30" – no return 1282 #

FFP - 45" – 1 ½" blow 51-74 #

FSIP - 45" - no return 1341#

FHP - 2843 #

BHT - 132° F

Recovery: 212' GIP

60' GOCM (1% G, 4% O)

60' GOWCM (5% G, 5% O)

Structural Comparison

	American Warrior, Inc. Meyers #3-9 Sec. 9, T33s, R31w 1112' FNL & 818' FWL		Saxton Petroleum Corp. Meyers #1 Sec. 16, T33s, R31w 4290' FSL & 990' FEL		American Warrior, Inc. Meyers #2 OWWO Sec. 9, T33s, R31w 1980' FSL & 3300' FEL
Formation					
Heebner	4288' -1498	+2	4272' -1500	-7	4272' -1491
Lansing	4426' -1636	+4	4412' -1640	-6	4411' -1630
BKC	5035' -2245	+7	5024' -2252	-4	5022' -2241
Marmaton	5058' -2268	+11	5051' -2279	-6	5043' -2262
Cherokee	5246' -2456	0	5228' -2456	+3	5240' -2459
Morrow	5570' -2780	-13	5539' -2767	-1	5560' -2779
Chester Lm	5686' -2896	-61	5607' -2835	-31	5646' -2865
St. Gen	5869' -3079	-73	5778' -3006	-25	5835' -3054
St. Louis	5999' -3209	-67	5914' -3142	-34	5958' -3175

Summary

The location for the Meyers #3-9 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. After all the gathered data had been examined, the decision was made to run 5 ½" casing to further evaluate the Meyers #3-9 well.

Perforations:

Primary:	St. Louis	(6023' – 6031')
Secondary:	St. Louis	(6005' – 6013')
	Marmaton	(5194' – 5198')
	Toronto	(4428' – 4434')
Before Abandonment	Toronto	(4451' – 4457')
	Marmaton	(5081' – 5083')

Respectfully Submitted,

Lukas Thompson (Palmer Oil, Inc.)