

Geological Report

American Warrior Inc.
Patterson #1-13
480' FSL & 2310' FEL
Sec. 13 T34S R9W
Harper County, Kansas

James Dilts
Geologist

American Warrior, Inc.

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General Data

Well Data: American Warrior Inc.
Patterson #1-13
N/2-SW-SW-SE
480' FSL & 2310' FEL
Sec. 13 T.34S R.9 W.
Harper County, Kansas
API # 15-077-21, 663-0000
Lat N 37 04' 51.771637"
Long W 98 14' 44.886438"

Drilling Contractor: Duke Drilling Co., Rig #10

Spud Date: 11/20/2009

Rotary TD Date: 11/30/2009

Rotary TD: 5077

Elevation: 1287' Ground Level
1298' Kelly Bushing

Casing: Surface 292' 8 5/8" 23# surface casing set at
305' w/ 200 sx 60/40 poz 3%cc 2% gel
Production new 5059' mixed 17# & 15.5# 5.5"
at5071 w/200 sx AA2

Samples: 10' wet and dry, 1500' to RTD

Drilling Time: 1500' to RTD

Electric Logs: DIL/CDL//BHCS/CNL

Drillstem Tests: Two, Trilobite Testing Inc.

Problems: None

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Formation Tops

Patterson 1-13

Heebner	3439'-2141
Brown Lime	3739'-2441
Kansas City	4047'-2749
Ft Scott	4453'-3155
Cherokee	4463'-3165
Mississippi	4571'-3273
Viola	4972'-3674

Drill Stem Tests

Trilobite Testing Inc.

DST #1	Mississippi				
	Interval (4584' – 4600')	Anchor Length 16'			
	Times: 30-60-60-90				
	I.F. – BOB 45 Sec			IFP 102-76#	
	I. S. I. – No Blow			ISI #1820	
	F. F. – BOB 15 Sec			FFP 119-60#	
	F. S. I. – No Blow			FSI 1832#	

Recovery: 50' SGCM trace%gas %oil %w 100%mud

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DST #2	Mississippi				
	Interval (4600'-4620')	Anchor Length 20'			
	Times: 30-60-60-90				
	I.F.-BOB 30 Sec			IFP 56-91#	
	I.S.I.-No Blow			ISI 1866#	
	F.F.-BOB Immediate			FFP 84-113#	
	F.S.I.-No Blow			FSI 1864#	

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Recovery: 33' VSGCM trace%gas %oil %w 100%mud
 93' VSGCM OIL SCUM trace%gas %oil %w 100%mud

Summary: Due to structural position and DST recovery, the decision was made to run 5.5" casing to further evaluate the Patterson #1-13 well

Respectfully Submitted,

James F Dilts

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