

Geological Report

American Warrior Inc.
Burkholder #2-21
1730' FSL & 1260' FWL
Sec. 21 T32S R7W
Harper County, Kansas

James Dilts
Geologist

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WICHITA, KS

American Warrior, Inc.

General Data

Well Data:

American Warrior Inc.
Burkholder #2-21
NE-SE-SW-NW
1730' FSL & 1260' FWL
Sec. 21 T.32S R. 7 W.
Harper County, Kansas
API # 15-077-21, 612-0000
Lat N 37 14' 37.797787"
Long W 98 05' 22.28926"

Drilling Contractor:

Val Drilling Co., Rig #3

Spud Date:

2/14/2008

Rotary TD Date:

2/23/2008

Elevation:

1386' Ground Level
1396' Kelly Bushing

Casing:

Surface 360' 8 5/8" 23# surface casing set at
370' w/ 235 sx 60/40 w/3%cc & 2%gel
Production 4534.21' new 5 1/2" 15.5# new
production casing set at 4545' w/150 sx
common cement

Samples:

10' wet and dry, 2700' to RTD

Drilling Time:

2700' to RTD

Electric Logs:

CNL/CDL/MEL/BHCS/DIL

Drillstem Tests:

Two, Trilobite Testing Inc.

Problems:

None

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Formation Tops

Burkholder 2-21

Heebner	3276'-1880
Toronto	3288'-1892
Kansas City	3842'-2446
BKC	4054'-2658
Marmaton	4133'-2737
Ft Scott	4242'-2846
Cherokee	4249'-2853
Mississippi	4387'-2991

Drill Stem Tests

Trilobite Testing Inc.

DST #1	Mississippi	
	Interval (4391' – 4405')	Anchor Length 14'
	Times: 30-60-60-90	
	I.F. – BOB 7 Min	IFP 27-30#
	I. S. I. - No Blow	ISI 1044#
	F. F. – BOB 2-3 Sec	FFP 25-36#
	F. S. I. – No Blow	FSI 1416#

Recovery: 60' SGCM 5%gas %oil %w 95%mud

1490' GIP

DST #2	Mississippi	
	Interval (4406'-4425')	Anchor Length 19'
	Times: 30-60-60-90	
	I.F.-BOB 26 Min	IFP 32-51#
	I.S.I.-No Blow	ISI 1331#

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F.F.-BOB 25 Min
F.S.I.-Weak Blow

FFP 41-66#
FSI 1332#

Recovery: 145' G&OC,WM 16%gas 8%oil 37%w 39%m
625' GIP

Summary: Due to structural position and DST recovery, the decision was made to set 5-1/2" production casing for completion in the Mississippi Formation.

Recommended Perforations:

Mississippi: 4392'-4396'

Respectfully Submitted,

James F Dilts

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