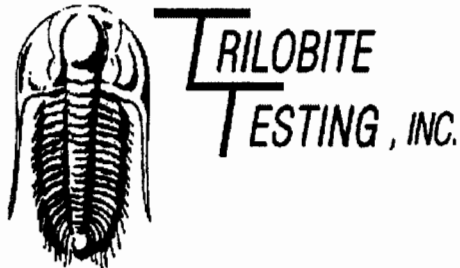


RELEASED
FROM
CONFIDENTIAL



DRILL STEM TEST REPORT

Prepared For: **American Warrior Inc**

P O Box 399
City Ks 67846

CONFIDENTIAL

KCC

ATTN: Cecil O'Brate

APR 28 2003

32-12s-16w Ellis Ks

CONFIDENTIAL

Kuhn #1-32

Start Date: 2003.03.26 @ 11:33:36

End Date: 2003.03.26 @ 18:25:35

Job Ticket #: 16922 DST #: 1

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

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ORIGINAL

110639


**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

American Warrior Inc

Kuhn #1-32

P O Box 399
Garden City Ks 67846

32-12s-16w Ellis Ks

Job Ticket: 16922

DST#: 1

ATTN: Cecil O'Brate

Test Start: 2003.03.26 @ 11:33:36

GENERAL INFORMATION:

Formation: LKC

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 13:11:05

Time Test Ended: 18:25:35

Interval: 3264.00 ft (KB) To 3315.00 ft (KB) (TVD)

Total Depth: 3315.00 ft (KB) (TVD)

Hole Diameter: 7.85 inches Hole Condition: Fair

KCC

APR 28 2003

CONFIDENTIAL

Test Type: Conventional Bottom Hole

Tester: Ray Schwager

Unit No: 16

Reference Elevations: 2038.00 ft (KB)

2030.00 ft (CF)

KB to GR/CF: 8.00 ft

Serial #: 6668

Inside

Press@RunDepth: 215.36 psig @ 3267.01 ft (KB)

Start Date: 2003.03.26

End Date:

2003.03.26

Capacity: 7000.00 psig

Last Calib.: 2003.03.26

Start Time: 11:33:36

End Time:

18:25:35

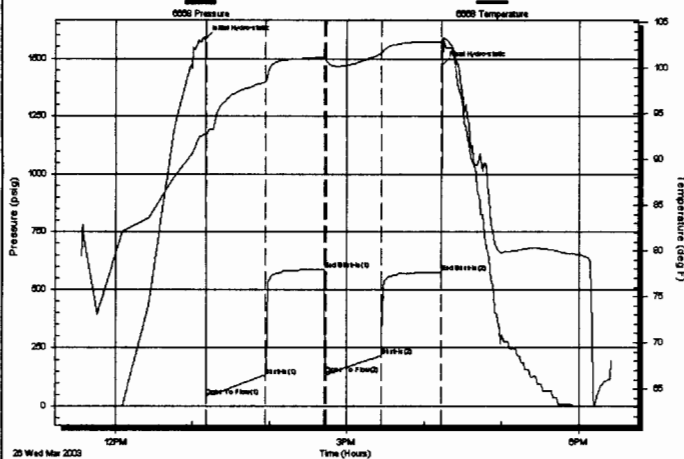
Time On Btm: 2003.03.26 @ 13:10:05

Time Off Btm: 2003.03.26 @ 16:14:05

TEST COMMENT: FFP-wk to strg in 3 min
FFP-strg bl thru-out GTS in 30 min
Times 45-45-45-45
Strg bl on shut-in

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Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1586.70	92.77	Initial Hydro-static
1	41.51	92.63	Open To Flow (1)
47	130.37	98.48	Shut-In (1)
93	586.60	101.18	End Shut-In (1)
94	135.08	100.92	Open To Flow (2)
137	215.36	101.56	Shut-In (2)
184	574.63	102.88	End Shut-In (2)
184	1474.66	103.27	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
125.00	GMO 60%gas 10%mud 30%oil	1.48
155.00	GMO 20%gas 20%mud 60%oil	2.17
310.00	Clean Oil	4.35

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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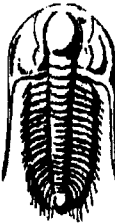
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ORIGINAL

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Tool Information																																																																																																			
Drill Pipe: Length: 3228.00 ft Heavy Wt. Pipe: Length: 0.00 ft Drill Collar: Length: 30.00 ft Drill Pipe Above KB: 15.00 ft Depth to Top Packer: 3264.00 ft Depth to Bottom Packer: ft Interval between Packers: 51.02 ft Tool Length: 72.02 ft Number of Packers: 2 Tool Comments:	Diameter: 3.80 inches Diameter: 0.00 inches Diameter: 2.25 inches Total Volume: 45.43 bbl Diameter: 6.75 inches	Volume: 45.28 bbl Volume: 0.00 bbl Volume: 0.15 bbl Tool Weight: 2200.00 lb Weight set on Packer: 25000.00 lb Weight to Pull Loose: 60000.00 lb Tool Chased 0.00 ft String Weight: Initial 42000.00 lb Final 44000.00 lb	KCC APR 2 8 2003 CONFIDENTIAL																																																																																																
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 TRILOBITE TESTING, INC.	DRILL STEM TEST REPORT		FLUID SUMMARY												
	American Warrior Inc P O Box 399 Garden City Ks 67846 ATTN: Cecil O'Brate		Kuhn #1-32 32-12s-16w Ellis Ks Job Ticket: 16922 DST#: 1 Test Start: 2003.03.26 @ 11:33:36												
Mud and Cushion Information															
Mud Type: Gel Chem		Cushion Type:	Oil API: 39 deg API												
Mud Weight: 9.00 lb/gal		Cushion Length: ft	Water Salinity: ppm												
Viscosity: 48.00 sec/qt		Cushion Volume: bbl													
Water Loss: 8.36 in ³		Gas Cushion Type:													
Resistivity: ohm.m		Gas Cushion Pressure: psig													
Salinity: 5000.00 ppm															
Filter Cake: 1.00 inches															
Recovery Information															
Recovery Table															
<table border="1"><thead><tr><th>Length ft</th><th>Description</th><th>Volume bbl</th></tr></thead><tbody><tr><td>125.00</td><td>GMO 60%gas 10%mud 30%oil</td><td>1.480</td></tr><tr><td>155.00</td><td>GMO 20%gas 20%mud 60%oil</td><td>2.174</td></tr><tr><td>310.00</td><td>Clean Oil</td><td>4.348</td></tr></tbody></table>				Length ft	Description	Volume bbl	125.00	GMO 60%gas 10%mud 30%oil	1.480	155.00	GMO 20%gas 20%mud 60%oil	2.174	310.00	Clean Oil	4.348
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155.00	GMO 20%gas 20%mud 60%oil	2.174													
310.00	Clean Oil	4.348													
Total Length: 590.00 ft		Total Volume: 8.002 bbl													
Num Fluid Samples: 0		Num Gas Bombs: 0	Serial #:												
Laboratory Name:		Laboratory Location:													
Recovery Comments:															

Serial #: 6668

Inside

American Warrior Inc

32-12s-16w Ellis Ks

DST Test Number: 1

