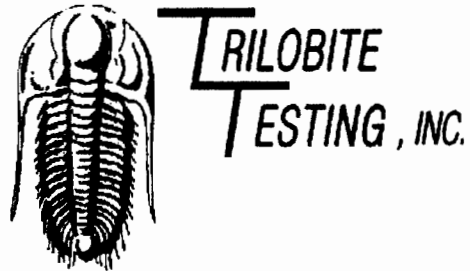


1063
15-191-22559-0000



DRILL STEM TEST REPORT

Prepared For: **American Warrior**

P.O. Box 399
Garden City KS 67846

ATTN: Jim Diltz

16 34s 2w Sumner KS

CORZINE
Corzine #1-16

Start Date: 2009.01.04 @ 13:47:29

End Date: 2009.01.05 @ 00:05:44

Job Ticket #: 33878 DST #: 1

RECEIVED
JUN 15 2009
KCC WICHITA

Trilobite Testing, Inc
PO Box 1733 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

American Warrior

Corzine #1-16
CORZINE

16 34s 2w Sumner KS

DST # 1

Simpson

2009.01.04



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

American Warrior

P.O. Box 399
Garden City KS 67846

ATTN: Jim Diltz

Coricine #1-16

16 34s 2w Sumner KS

Job Ticket: 33878

DST#: 1

Test Start: 2009.01.04 @ 13:47:29

GENERAL INFORMATION:

Formation: **Simpson**

Deviated: **No** Whipstock: **ft (KB)**

Time Tool Opened: 17:49:59

Time Test Ended: 00:05:44

Test Type: Conventional Bottom Hole

Tester: Kevin Taylor

Unit No: 31

Interval: **4545.00 ft (KB) To 4560.00 ft (KB) (TVD)**

Total Depth: 4560.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 1126.00 ft (KB)

1116.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 8358 **Inside**

Press@RunDepth: 90.65 psig @ 4546.00 ft (KB)

Start Date: 2009.01.04

End Date: 2009.01.05

Start Time: 13:47:34

End Time: 00:05:44

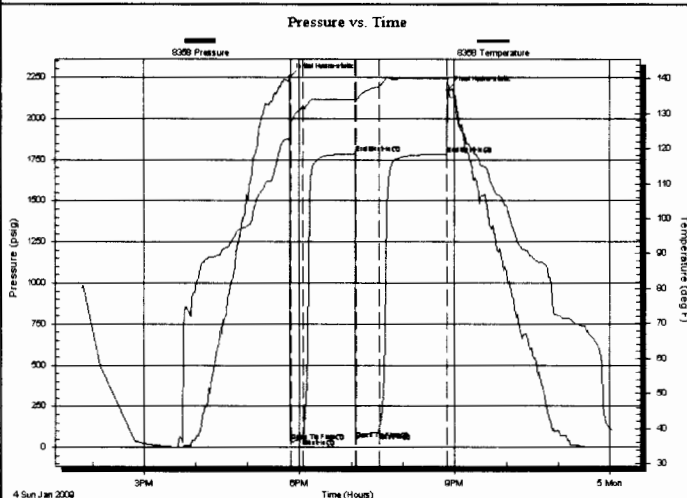
Capacity: 7000.00 psig

Last Calib.: 2009.01.05

Time On Btm: 2009.01.04 @ 17:49:44

Time Off Btm: 2009.01.04 @ 20:52:14

TEST COMMENT: I.F. Strong Blow BOB 1 Min
I.S.I. Bled Off 15 Min Weak Blow 1/4" Died In 35 Min
F.F. Strong Blow BOB 15 Sec Opened Choke 1/8"
F.S.I. Bled Off 10 Min Weak Surface Blow Never Died



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2250.94	122.94	Initial Hydro-static
1	39.32	122.69	Open To Flow (1)
16	54.94	132.08	Shut-In (1)
75	1785.79	133.95	End Shut-In (1)
76	50.75	133.50	Open To Flow (2)
103	90.65	137.65	Shut-In (2)
183	1783.96	139.99	End Shut-In (2)
183	2171.90	140.35	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
45.00	SOGCM 15%G 5%O 5%W 75%M	0.33
60.00	HOGWCM 40%G 15%O 10%W 35%M	0.44
60.00	HOGWCM 70%G 20%O 10%W	0.54
60.00	SMCGOW 50%G 15%O 10%W 25%M	0.88
0.00	3670 GIP	0.00

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

American Warrior

Coricine #1-16

P.O. Box 399
Garden City KS 67846

16 34s 2w Sumner KS

Job Ticket: 33878

DST#: 1

ATTN: Jim Diltz

Test Start: 2009.01.04 @ 13:47:29

Tool Information

Drill Pipe:	Length: 4370.00 ft	Diameter: 3.88 inches	Volume: 63.91 bbl	Tool Weight:	2100.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer:	30000.00 lb
Drill Collar:	Length: 151.00 ft	Diameter: 2.75 inches	Volume: 1.11 bbl	Weight to Pull Loose:	65000.00 lb
			Total Volume: 65.02 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	4.00 ft			String Weight: Initial	62000.00 lb
Depth to Top Packer:	4545.00 ft			Final	62000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	15.00 ft				
Tool Length:	43.00 ft				
Number of Packers:	2	Diameter: 6.75 inches			

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			4522.00	
Hydraulic tool	5.00			4527.00	
Jars	5.00			4532.00	
Safety Joint	3.00			4535.00	
Packer	5.00			4540.00	28.00 Bottom Of Top Packer
Packer	5.00			4545.00	
Stubb	1.00			4546.00	
Recorder	0.00	8358	Inside	4546.00	
Recorder	0.00	6668	Inside	4546.00	
Perforations	11.00			4557.00	
Bullnose	3.00			4560.00	15.00 Bottom Packers & Anchor

Total Tool Length: 43.00



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior

Coricine #1-16

P.O. Box 399
Garden City KS 67846

16 34s 2w Sumner KS

Job Ticket: 33878

DST#: 1

ATTN: Jim Diltz

Test Start: 2009.01.04 @ 13:47:29

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

8500 ppm

Viscosity: 52.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.19 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 7000.00 ppm

Filter Cake: 0.02 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
45.00	SOGCM 15%G 5%O 5%W 75%M	0.331
60.00	HOGWCM 40%G 15%O 10%W 35%M	0.441
60.00	HOGWCM 70%G 20%O 10%W	0.543
60.00	SMCGOW 50%G 15%O 10%W 25%M	0.877
0.00	3670 GIP	0.000

Total Length: 225.00 ft

Total Volume: 2.192 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW .18 @ 32F Chlorides 8500ppm

Serial #: 8358

Inside

American Warrior

16 34s 2w Summer KS

DST Test Number: 1

Pressure vs. Time

