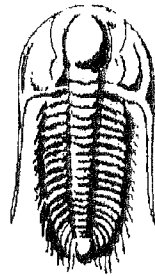


29-30S-23W



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **American Warrior Inc**

PO Box 399
Garden City KS 67846-0399

ATTN: James Dilts

²⁹
~~19~~ 30S 23W Clark KS

Esplund #3-29

Esplund Farms

Start Date: 2007.01.21 @ 12:35:02

End Date: 2007.01.22 @ 04:38:47

Job Ticket #: 27044 DST #: 1

15-025-21395

NW SW NE

1380 FNL 2286 FEL

RECEIVED
KANSAS CORPORATION COMMISSION

MAY 18 2007

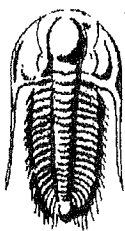
CONSERVATION DIVISION
WICHITA, KS

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620

Section is 29, not 19 as printed



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

American Warrior Inc
PO Box 399
Garden City KS 67846-0399
ATTN: James Dilts

Esplund #3-29
29
19 30S 23W Clark KS
Job Ticket: 27044 **DST#: 1**
Test Start: 2007.01.21 @ 12:35:02

GENERAL INFORMATION:

Formation: **Mississippi**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 18:09:17
Time Test Ended: 04:38:47

Test Type: Conventional Bottom Hole
Tester: Zach Stover
Unit No: 23

Interval: **5395.00 ft (KB) To 5460.00 ft (KB) (TVD)**
Total Depth: 5460.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2513.00 ft (KB)
2502.00 ft (CF)
KB to GR/CF: 11.00 ft

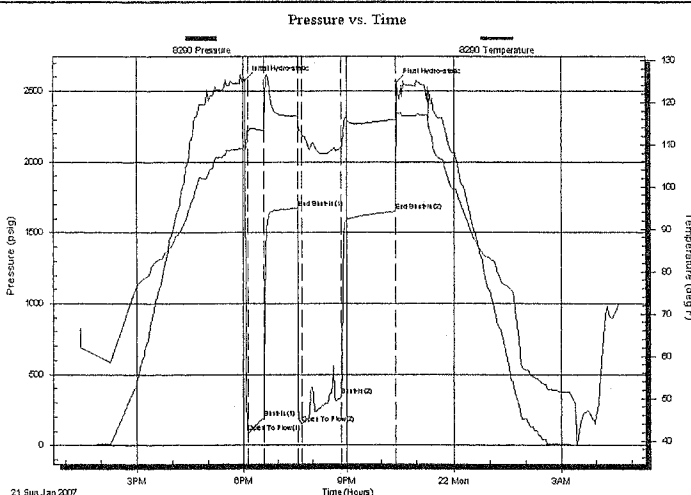
Serial #: 8290

Inside

Press@RunDepth: 351.67 psig @ 5402.00 ft (KB)
Start Date: 2007.01.21 End Date: 2007.01.22
Start Time: 13:25:07 End Time: 04:38:47

Capacity: 7000.00 psig
Last Calib.: 2007.01.22
Time On Btm: 2007.01.21 @ 18:04:46
Time Off Btm: 2007.01.21 @ 22:25:02

TEST COMMENT: IF Strong blow BOB in 1 min.
ISI Fair blow Built to 8 in.
FF Strong blow BOB immediately GTS immediately Gauged gas to 150# on 1/4 in. choke.
FSI Strong blow BOB at end of shut in.



PRESSURE SUMMARY

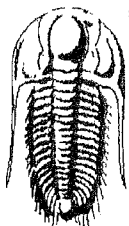
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2578.36	110.49	Initial Hydro-static
5	90.62	113.45	Open To Flow (1)
32	193.35	113.24	Shut-In(1)
91	1673.59	116.64	End Shut-In(1)
98	150.17	113.03	Open To Flow(2)
167	351.67	109.32	Shut-In(2)
260	1649.47	115.97	End Shut-In(2)
261	2564.72	116.36	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	GSY O 5%g 95%o	0.30
60.00	GSY O 30%g 70%o	0.82
60.00	GSY O 15%g 85%o	0.84
60.00	GSY OCM 50%G 15%O 35%M	0.84
60.00	GSY OCM 65%G 10%O 25%M	0.84
80.00	GSY M 10%G 90%M	1.12

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.25	12.00	41.88
Last Gas Rate	0.25	136.00	238.60
Max. Gas Rate	0.25	136.00	238.60



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

American Warrior Inc

PO Box 399
Garden City KS 67846-0399

ATTN: James Dilts

Esplund #3-29

24

19 30S 23W Clark KS

Job Ticket: 27044

DST#: 1

Test Start: 2007.01.21 @ 12:35:02

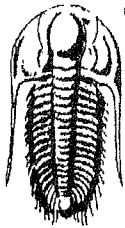
Tool Information

Drill Pipe:	Length: 5326.00 ft	Diameter: 3.80 inches	Volume: 74.71 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: 20000.00 lb
Drill Collar:	Length: 62.00 ft	Diameter: 2.25 inches	Volume: 0.30 bbl	Weight to Pull Loose: 85000.00 lb
		Total Volume: 75.01 bbl		Tool Chased 0.00 ft
Drill Pipe Above KB:	20.00 ft			String Weight: Initial 65000.00 lb
Depth to Top Packer:	5395.00 ft			Final 68000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	65.00 ft			
Tool Length:	92.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			5369.00	
Shut In Tool	5.00			5374.00	
Hydraulic tool	5.00			5379.00	
Jars	5.00			5384.00	
Safety Joint	2.00			5386.00	
Packer	4.00			5390.00	27.00 Bottom Of Top Packer
Packer	5.00			5395.00	
Stubb	1.00			5396.00	
Perforations	5.00			5401.00	
Change Over Sub	1.00			5402.00	
Recorder	0.00	8290	Inside	5402.00	
Blank Spacing	32.00			5434.00	
Change Over Sub	1.00			5435.00	
Perforations	20.00			5455.00	
Recorder	0.00	13789	Outside	5455.00	
Bullnose	5.00			5460.00	65.00 Bottom Packers & Anchor
Total Tool Length:	92.00				



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior Inc

Esplund #3-29

PO Box 399
Garden City KS 67846-0399

19 30S 23W Clark KS

Job Ticket: 27044

DST#: 1

ATTN: James Dilts

Test Start: 2007.01.21 @ 12:35:02

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:

ppm

Viscosity: 53.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.99 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 5000.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	GSY O 5%g 95%o	0.295
60.00	GSY O 30%g 70%o	0.823
60.00	GSY O15%g 85%o	0.842
60.00	GSY OCM 50%G 15%O 35%M	0.842
60.00	GSY OCM 65%G 10%O 25%M	0.842
80.00	GSY M 10%G 90%M	1.122
0.00		0.000

Total Length: 380.00 ft

Total Volume: 4.766 bbl

Num Fluid Samples: 0

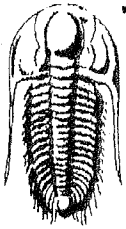
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

GAS RATES

American Warrior Inc

PO Box 399
Garden City KS 67846-0399

ATTN: James Dilts

Esplund #3-29

29
16 30S 23W Clark KS

Job Ticket: 27044

DST#: 1

Test Start: 2007.01.21 @ 12:35:02

Gas Rates Information

Temperature: 59 deg C
Relative Density: 0.65
Z Factor: 0.8

Gas Rates Table

Flow Period	Elapsed Time	Choke (mm)	Pressure (kPaa)	Gas Rate (m³/d)
2	0	0.25	12.00	41.88
2	0	0.25	12.00	41.88
2	10	0.25	40.00	86.30
2	20	0.25	64.00	124.37
2	30	0.25	82.00	152.93
2	40	0.25	108.00	194.18
2	50	0.25	122.00	216.39
2	60	0.25	136.00	238.60

