

**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **American Warrior**

PO Box 399
Garden City, KS 67845

ATTN: Roger Fisher

17-25-17 Edwards,KS

Edwards Land #2-17

Start Date: 2011.03.15 @ 02:08:09

End Date: 2011.03.15 @ 12:38:24

Job Ticket #: 041390 DST #: 1

RECEIVED

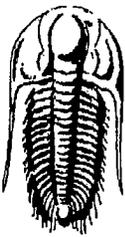
MAY 18 2012

KCC WICHITA

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

American Warrior
 PO Box 399
 Garden City, KS 67845
 ATTN: Roger Fisher

Edwards Land #2-17
17-25-17 Edwards,KS
 Job Ticket: 041390 DST#: 1
 Test Start: 2011.03.15 @ 02:08:09

GENERAL INFORMATION:

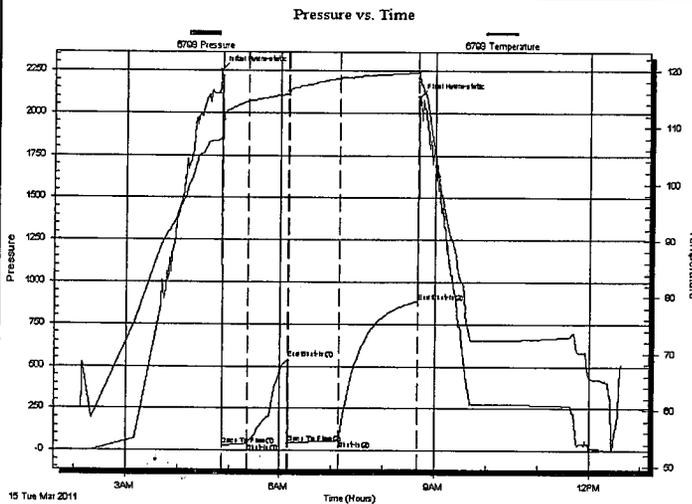
Formation: **Mississippi**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 04:51:54
 Time Test Ended: 12:38:24
 Interval: **4424.00 ft (KB) To 4473.00 ft (KB) (TVD)**
 Total Depth: 4473.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole
 Tester: Leal Cason
 Unit No: 45
 Reference Elevations: 2144.00 ft (KB)
 2132.00 ft (CF)
 KB to GR/CF: 12.00 ft

Serial #: 6798

Inside

Press@RunDepth: 57.25 psig @ 4425.00 ft (KB)
 Start Date: 2011.03.15 End Date: 2011.03.15
 Start Time: 02:08:10 End Time: 12:38:24
 Capacity: 8000.00 psig
 Last Calib.: 2011.03.15
 Time On Btm: 2011.03.15 @ 04:49:24
 Time Off Btm: 2011.03.15 @ 08:40:24

TEST COMMENT: IF: Strong Blow, BOB in 1 minute
 IS: Bled Off, 2 inch Blow back
 FF: Strong Blow, BOB in 30 seconds
 FS: Bled Off, No Blow back



PRESSURE SUMMARY

Time (Mn.)	Pressure (psig)	Temp (deg F)	Annotation
0	2251.10	107.88	Initial Hydro-static
3	29.71	110.19	Open To Flow (1)
33	39.78	114.52	Shut-In(1)
79	542.38	115.73	End Shut-In(1)
80	41.32	115.62	Open To Flow (2)
140	57.25	118.59	Shut-In(2)
231	886.46	119.60	End Shut-In(2)
231	2093.46	119.95	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	1180 Feet GIP	0.00
64.00	GSY Mud 2%G 98%M	0.31

Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mct/d)



**TRILOBITE
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DRILL STEM TEST REPORT

TOOL DIAGRAM

American Warrior
PO Box 399
Garden City, KS 67845

ATTN: Roger Fisher

Edwards Land #2-17
17-25-17 Edwards,KS
Job Ticket: 041390 **DST#: 1**
Test Start: 2011.03.15 @ 02:08:09

Tool Information

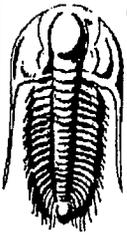
Drill Pipe:	Length: 4225.00 ft	Diameter: 3.80 inches	Volume: 59.27 bbl	Tool Weight: 2100.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 175.00 ft	Diameter: 2.25 inches	Volume: 0.86 bbl	Weight to Pull Loose: 100000.0 lb
			<u>Total Volume: 60.13 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	4.00 ft			String Weight: Initial 65000.00 lb
Depth to Top Packer:	4424.00 ft			Final 65000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	49.00 ft			
Tool Length:	77.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:
Bottom Packer Is A Shale Packer

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Shut In Tool	5.00			4401.00	
Hydraulic tool	5.00			4406.00	
Jars	5.00			4411.00	
Safety Joint	3.00			4414.00	
Packer	5.00			4419.00	28.00 Bottom Of Top Packer
Packer	5.00			4424.00	
Stubb	1.00			4425.00	
Recorder	0.00	6798	Inside	4425.00	
Recorder	0.00	8367	Outside	4425.00	
Perforations	6.00			4431.00	
Change Over Sub	1.00			4432.00	
Drill Pipe	32.00			4464.00	
Change Over Sub	1.00			4465.00	
Perforations	5.00			4470.00	
Bullnose	3.00			4473.00	49.00 Bottom Packers & Anchor

Total Tool Length: 77.00



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DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior
 PO Box 399
 Garden City, KS 67845
 ATTN: Roger Fisher

Edwards Land #2-17
17-25-17 Edwards,KS
 Job Ticket: 041390 **DST#: 1**
 Test Start: 2011.03.15 @ 02:08:09

Mud and Cushion Information

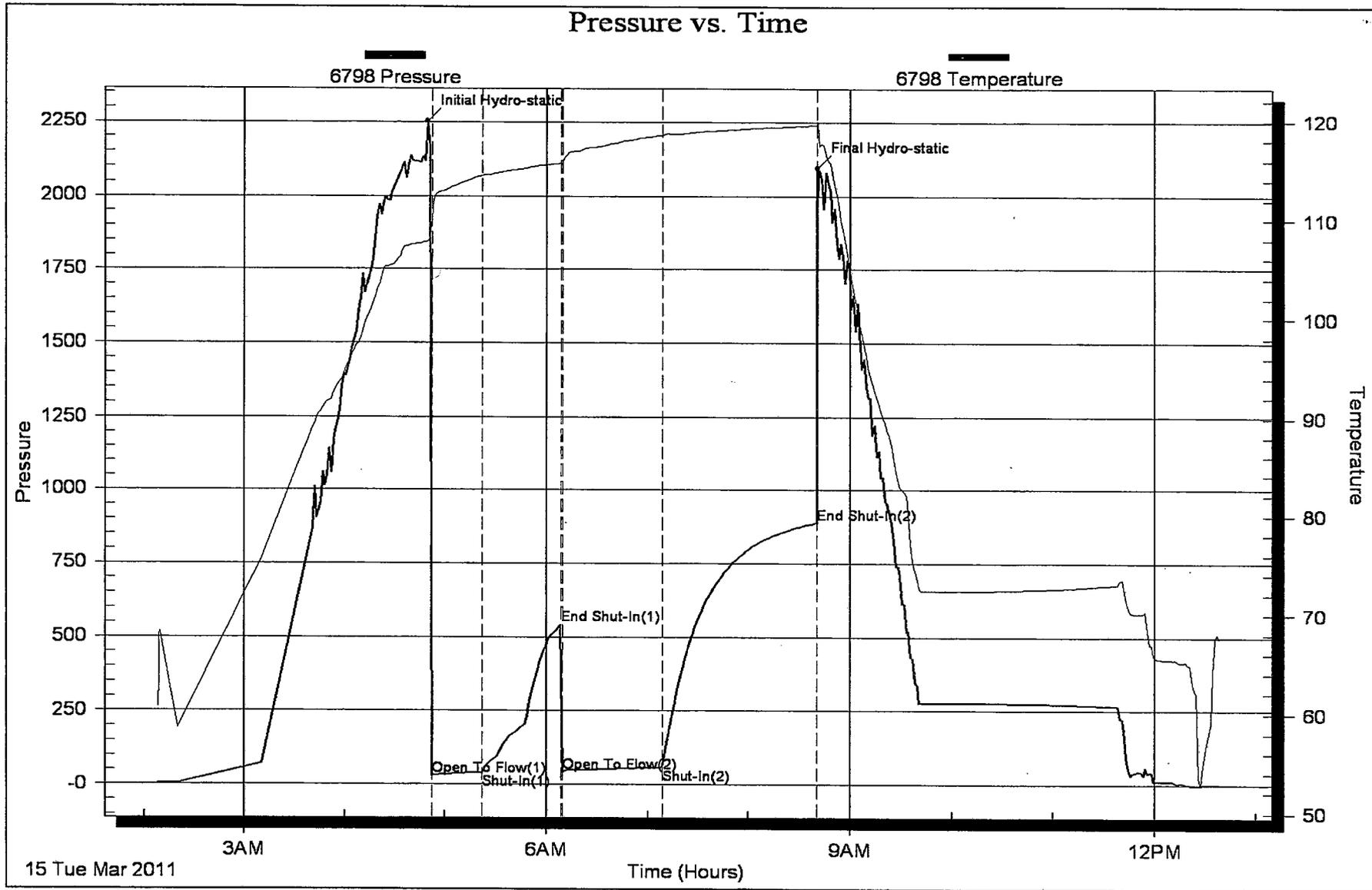
Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 55.00 sec/qt	Cushion Volume: bbl		
Water Loss: 8.99 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 3000.00 ppm			
Filter Cake: 0.20 inches			

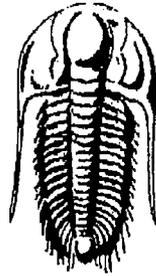
Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	1180 Feet GIP	0.000
64.00	GSY Mud 2%G 98%M	0.315

Total Length: 64.00 ft Total Volume: 0.315 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:





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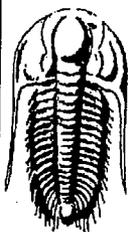
Edwards Land #2-17

Start Date: 2011.03.15 @ 21:40:13

End Date: 2011.03.16 @ 05:57:43

Job Ticket #: 042777 DST #: 2

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



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DRILL STEM TEST REPORT

American Warrior
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ATTN: Roger Fisher

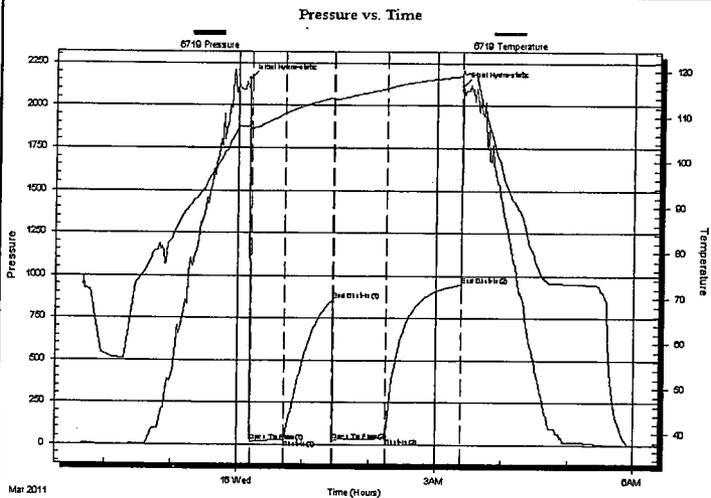
Edwards Land #2-17
17-25-17 Edwards,KS
Job Ticket: 042777 DST#: 2
Test Start: 2011.03.15 @ 21:40:13

GENERAL INFORMATION:

Formation: **Kinderhook Sand**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 00:12:13
Time Test Ended: 05:57:43
Interval: **4473.00 ft (KB) To 4525.00 ft (KB) (TVD)**
Total Depth: 4525.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Poor
Test Type: Conventional Bottom Hole
Tester: Dustin Rash Cody Blo
Unit No: 47
Reference Elevations: 2144.00 ft (KB)
2132.00 ft (CF)
KB to GR/CF: 12.00 ft

Serial #: 6719 Inside
Press@RunDepth: 36.52 psig @ 4477.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2011.03.15 End Date: 2011.03.16 Last Calib.: 2011.03.16
Start Time: 21:40:18 End Time: 05:57:42 Time On Btm: 2011.03.16 @ 00:10:13
Time Off Btm: 2011.03.16 @ 03:23:43

TEST COMMENT: IF- strong building blow . BOB in 6 Minutes.
I.S.I.- No return
FF- Strong building blow BOB in 10 seconds.
FSI- No return



PRESSURE SUMMARY

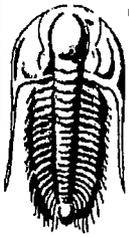
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2159.48	107.92	Initial Hydro-static
2	16.26	107.53	Open To Flow (1)
33	28.52	110.63	Shut-In(1)
77	856.43	114.15	End Shut-In(1)
78	22.14	113.87	Open To Flow (2)
125	36.52	116.20	Shut-In(2)
193	947.00	119.00	End Shut-In(2)
194	2119.79	120.35	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
40.00	90% mud 10% gas	0.20
0.00	3038' GIP	0.00

Gas Rates

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



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DRILL STEM TEST REPORT

TOOL DIAGRAM

American Warrior
PO Box 399
Garden City, KS 67845
ATTN: Roger Fisher

Edwards Land #2-17
17-25-17 Edwards,KS
Job Ticket: 042777 **DST#: 2**
Test Start: 2011.03.15 @ 21:40:13

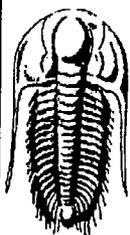
Tool Information

Drill Pipe:	Length: 4282.00 ft	Diameter: 3.80 inches	Volume: 60.07 bbl	Tool Weight:	3000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer:	lb
Drill Collar:	Length: 176.00 ft	Diameter: 2.25 inches	Volume: 0.87 bbl	Weight to Pull Loose:	lb
			<u>Total Volume: 60.94 bbl</u>	Tool Chased	ft
Drill Pipe Above KB:	12.00 ft			String Weight: Initial	lb
Depth to Top Packer:	4473.00 ft			Final	lb
Depth to Bottom Packer:	ft				
Interval between Packers:	52.00 ft				
Tool Length:	79.00 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			4447.00	
Shut In Tool	5.00			4452.00	
Hydraulic tool	5.00			4457.00	
Jars	5.00			4462.00	
Safety Joint	2.00			4464.00	
Packer	5.00			4469.00	27.00 Bottom Of Top Packer
Packer	4.00			4473.00	
Stubb	1.00			4474.00	
Perforations	2.00			4476.00	
Change Over Sub	1.00			4477.00	
Recorder	0.00	8319	Inside	4477.00	
Recorder	0.00	6719	Inside	4477.00	
Blank Spacing	30.00			4507.00	
Change Over Sub	1.00			4508.00	
Perforations	14.00			4522.00	
Bullnose	3.00			4525.00	52.00 Bottom Packers & Anchor
Total Tool Length:	79.00				



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DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior
PO Box 399
Garden City, KS 67845
ATTN: Roger Fisher

Edwards Land #2-17
17-25-17 Edwards, KS
Job Ticket: 042777 DST#: 2
Test Start: 2011.03.15 @ 21:40:13

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: 44.00 sec/qt	Cushion Volume: bbl		
Water Loss: 9.19 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 5300.00 ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

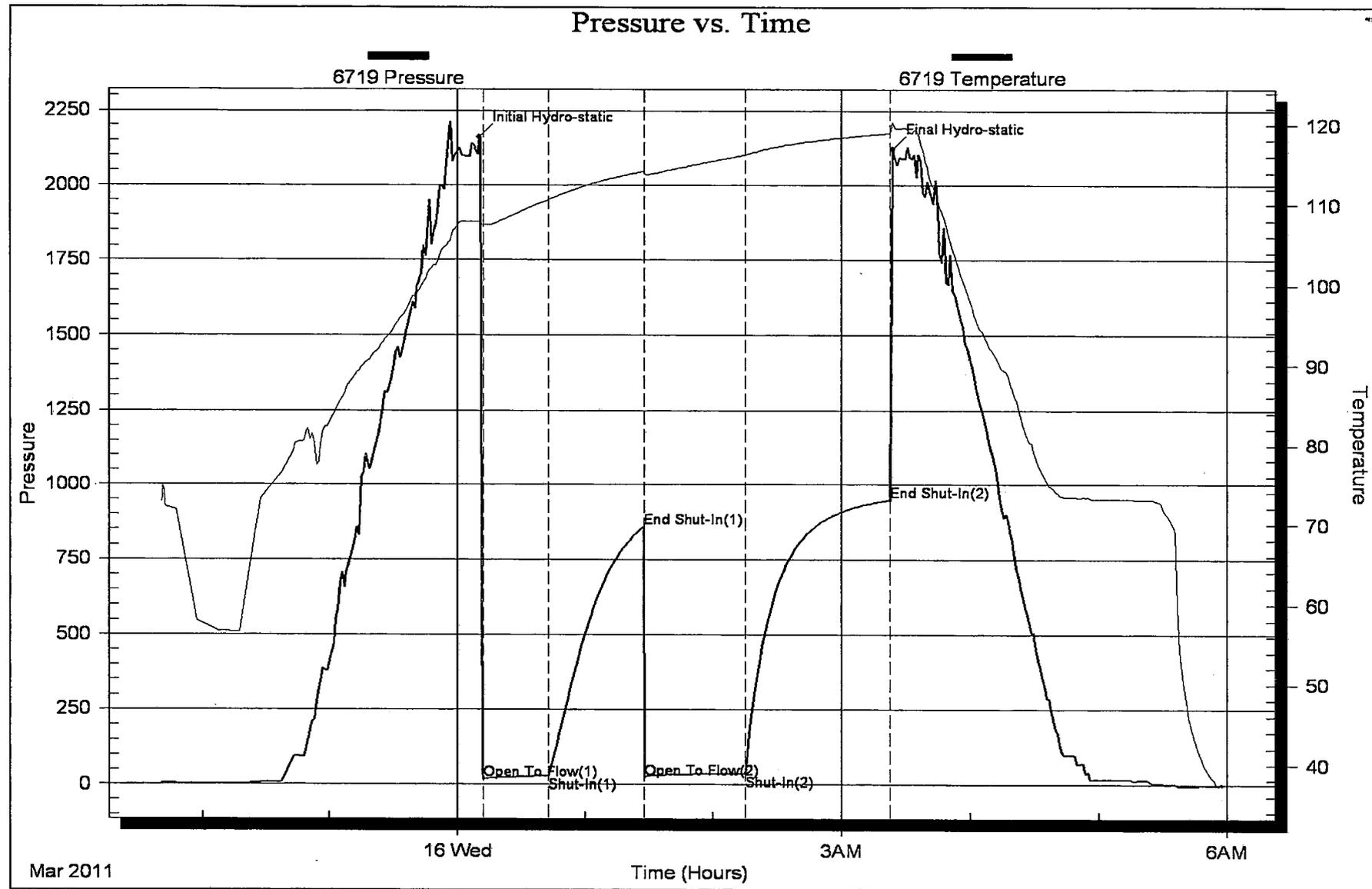
Length ft	Description	Volume bbl
40.00	90% mud 10% gas	0.197
0.00	3038' GIP	0.000

Total Length: 40.00 ft Total Volume: 0.197 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments:





TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

RECEIVED
MAR 17 2011

Test Ticket

NO. 04139015501

Well Name & No. Edwards Land # 2-17 Test No. 1 Date 03/15/11
 Company American Warrior Elevation 2144 KB 2132 GL
 Address PO Box 399 Garden City, KS 67845
 Co. Rep / Geo. Roger Fisher Rig Duke Rig #9
 Location: Sec. 17 Twp. 25S Rge. 17W Co. Edwards State KS

Interval Tested 4424 - 4473 Zone Tested Mississippi
 Anchor Length 49 Drill Pipe Run 4225 Mud Wt. 9.2
 Top Packer Depth 4419 Drill Collars Run 175 Vis 55
 Bottom Packer Depth 4424 Wt. Pipe Run 0 WL 9.0
 Total Depth 4473 Chlorides 3000 ppm System LCM 0

Blow Description IF: Strong Blow, BOB in 1 minute
ISF: Bled off, 2 inch Blowback
FF: Strong Blow, BOB in 30 seconds
FSI: Bled off, NO Blowback

Rec	Feet of	%gas	%oil	%water	%mud
<u>1180</u>	<u>GIP</u>				
<u>64</u>	<u>GSP Mud</u>	<u>2</u>			<u>98</u>

Rec Total 98 BHT 119° Gravity N/C API RW N/C @ N/C F Chlorides N/C ppm

(A) Initial Hydrostatic	<u>2251</u>	<input checked="" type="checkbox"/> Test	<u>1225'</u>	T-On Location	<u>01:00</u>
(B) First Initial Flow	<u>30</u>	<input checked="" type="checkbox"/> Jars	<u>250'</u>	T-Started	<u>02:08</u>
(C) First Final Flow	<u>40</u>	<input checked="" type="checkbox"/> Safety Joint	<u>75'</u>	T-Open	<u>04:51</u>
(D) Initial Shut-In	<u>542</u>	<input type="checkbox"/> Circ Sub		T-Pulled	<u>08:40</u>
(E) Second Initial Flow	<u>41</u>	<input checked="" type="checkbox"/> Hourly Standby	<u>1314 hrs 175</u>	T-Out	<u>12:38</u>
(F) Second Final Flow	<u>57</u>	<input checked="" type="checkbox"/> Mileage	<u>(100) 125'</u>	Comments	
(G) Final Shut-In	<u>886</u>	<input type="checkbox"/> Sampler			
(H) Final Hydrostatic	<u>2093</u>	<input type="checkbox"/> Straddle		<input checked="" type="checkbox"/> Ruined Shale Packer	<u>280'</u>

Initial Open 30
 Initial Shut-In 45
 Final Flow 60
 Final Shut-In 90

Ruined Packer
 Extra Packer
 Extra Copies
 Extra Recorder
 Day Standby
 Accessibility

Sub Total 280
 Total 2380
 MP/DST Disc't 10%

Approved By R J Fisher Our Representative [Signature]

TriLOBITE Testing Inc. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.



TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

RECEIVED
MAR 16 2011

Test Ticket

NO. 042777

Well Name & No. Edwards Land #2-17 Test No. 2 Date 3-15-11
 Company American Warrior Elevation 2146 KB 2132 GL
 Address Po Box 399 Garden City, KS 67845
 Co. Rep / Geo. Roger Fisher Rig Duke drilling #9
 Location: Sec. 17 Twp. 25s Rge. 17W Co. Edwards State KS

Interval Tested 4473-4525 Zone Tested Kinderhook Sand
 Anchor Length 52 Drill Pipe Run 4282 Mud Wt. 9.15
 Top Packer Depth 4468 Drill Collars Run 176 Vis 44
 Bottom Packer Depth 4473 Wt. Pipe Run 0 WL 9.2
 Total Depth 4525 Chlorides 5300 ppm System LCM 2#

Blow Description IF - Strong building blow, B.O.B. in 6 minutes,
ISI - No Return
FF - Strong building blow, B.O.B. in 10 seconds,
FST - No Return

Rec	Feet of	%gas	%oil	%water	%mud
<u>40</u>	<u>Mud/Gas</u>	<u>10</u>		<u>90</u>	
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of <u>3038' G.I.P.</u>	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 40 BHT 119 Gravity 1225 API RW 250 @ 75 °F Chlorides 100% ppm

- (A) Initial Hydrostatic 2159
- (B) First Initial Flow 16
- (C) First Final Flow 29
- (D) Initial Shut-In 856
- (E) Second Initial Flow 22
- (F) Second Final Flow 37
- (G) Final Shut-In 947
- (H) Final Hydrostatic 2120

- Test 1225
- Jars 250
- Safety Joint 75
- Circ Sub
- Hourly Standby
- Mileage 100RT 125
- Sampler
- Straddle
- Shale Packer
- Extra Packer
- Extra Recorder
- Day Standby
- Accessibility
- Sub Total 11075

T-On Location 2040
 T-Started 2145
 T-Open 0012
 T-Pulled 0315
 T-Out 0600

Comments Best - 2140

Ruined Shale Packer
 Ruined Packer
 Extra Copies

Sub Total 0
 Total 11075

Initial Open 30
 Initial Shut-In 45
 Final Flow 45
 Final Shut-In 60

MP/DST Disc't

Approved By

Our Representative