



DRILL STEM TEST REPORT

Prepared For: **American Warrior, Inc**

PO Box 399
Garden City KS 67846

ATTN: Jason Alm

Suppes #1-20

20-18s-21w Ness,KS

Start Date: 2014.06.25 @ 07:25:46

End Date: 2014.06.25 @ 12:41:10

Job Ticket #: 59316 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2014.06.26 @ 14:44:27



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

American Warrior, Inc
 PO Box 399
 Garden City KS 67846
 ATTN: Jason Alm

20-18s-21w Ness, KS

Suppes #1-20

Job Ticket: 59316

DST#: 1

Test Start: 2014.06.25 @ 07:25:46

GENERAL INFORMATION:

Formation: **Cher Sd - Miss**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 09:32:41

Time Test Ended: 12:41:10

Test Type: Conventional Bottom Hole (Initial)

Tester: Ray Schwager

Unit No: 70

Interval: 4188.00 ft (KB) To 4298.00 ft (KB) (TVD)

Reference Elevations: 2194.00 ft (KB)

Total Depth: 4298.00 ft (KB) (TVD)

2188.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 6.00 ft

Serial #: 8018

Inside

Press@RunDepth: 41.26 psig @ 4199.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.06.25

End Date:

2014.06.25

Last Calib.:

2014.06.25

Start Time: 07:25:46

End Time:

12:41:10

Time On Btm:

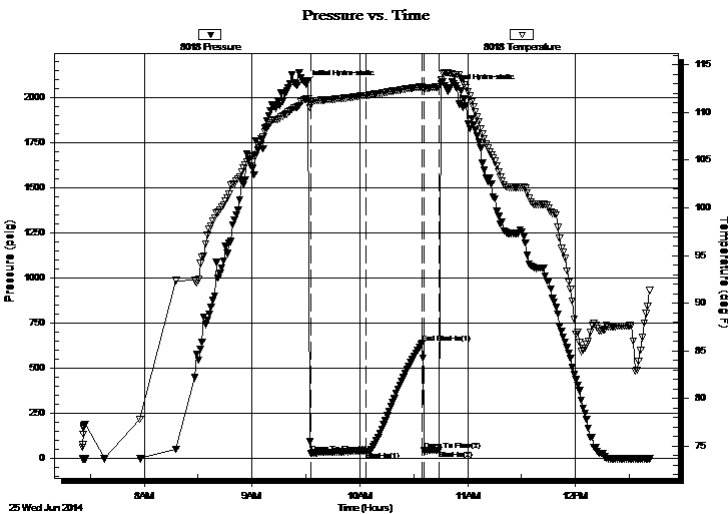
2014.06.25 @ 09:30:11

Time Off Btm:

2014.06.25 @ 10:48:41

TEST COMMENT: 30-IFP-w k bl thru-out 1/2" to 1" bl
 30-ISIP-no bl
 10-FFP-no bl
 pulled tool

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2074.12	111.39	Initial Hydro-static
3	30.55	111.23	Open To Flow (1)
33	41.26	111.77	Shut-In(1)
65	641.68	112.70	End Shut-In(1)
66	44.21	112.53	Open To Flow (2)
74	46.98	112.70	Shut-In(2)
79	2048.61	114.20	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
20.00	Mud	0.10

Gas Rates

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



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

American Warrior, Inc
 PO Box 399
 Garden City KS 67846
 ATTN: Jason Alm

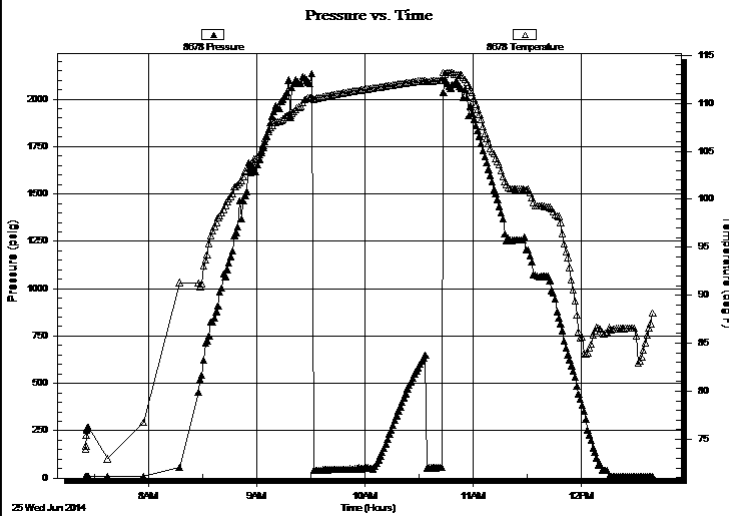
20-18s-21w Ness, KS
Suppes #1-20
 Job Ticket: 59316 **DST#: 1**
 Test Start: 2014.06.25 @ 07:25:46

GENERAL INFORMATION:

Formation: **Cher Sd - Miss**
 Deviated: No Whipstock: ft (KB) Test Type: Conventional Bottom Hole (Initial)
 Time Tool Opened: 09:32:41 Tester: Ray Schwager
 Time Test Ended: 12:41:10 Unit No: 70
Interval: 4188.00 ft (KB) To 4298.00 ft (KB) (TVD) Reference Elevations: 2194.00 ft (KB)
 Total Depth: 4298.00 ft (KB) (TVD) 2188.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 6.00 ft

Serial #: 8678 Outside
 Press@RunDepth: psig @ 4199.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2014.06.25 End Date: 2014.06.25 Last Calib.: 2014.06.25
 Start Time: 07:25:16 End Time: 12:40:10 Time On Btm:
 Time Off Btm:

TEST COMMENT: 30-IFP-w k bl thru-out 1/2" to 1" bl
 30-ISIP-no bl
 10-FFP-no bl
 pulled tool



PRESSURE SUMMARY			
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

Recovery		
Length (ft)	Description	Volume (bbl)
20.00	Mud	0.10

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

American Warrior, Inc
PO Box 399
Garden City KS 67846
ATTN: Jason Alm

20-18s-21w Ness, KS
Suppes #1-20
Job Ticket: 59316 **DST#: 1**
Test Start: 2014.06.25 @ 07:25:46

Tool Information

Drill Pipe:	Length: 4059.00 ft	Diameter: 3.80 inches	Volume: 56.94 bbl	Tool Weight: 2200.00 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: 120.00 ft	Diameter: 2.25 inches	Volume: 0.59 bbl	Weight to Pull Loose: 80000.00 lb
			<u>Total Volume: 57.53 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	19.00 ft			String Weight: Initial 60000.00 lb
Depth to Top Packer:	4188.00 ft			Final 60000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	110.00 ft			
Tool Length:	138.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
-------------------------	--------------------	-------------------	-----------------	-------------------	-----------------------

Change Over Sub	1.00			4161.00	
Shut In Tool	5.00			4166.00	
Hydraulic tool	5.00			4171.00	
Jars	5.00			4176.00	
Safety Joint	2.00			4178.00	
Packer	5.00			4183.00	28.00 Bottom Of Top Packer
Packer	5.00			4188.00	
Stubb	1.00			4189.00	
Perforations	10.00			4199.00	
Recorder	0.00	8018	Inside	4199.00	
Recorder	0.00	8678	Outside	4199.00	
Blank Spacing	96.00			4295.00	
Bullnose	3.00			4298.00	110.00 Bottom Packers & Anchor

Total Tool Length: 138.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior, Inc

20-18s-21w Ness,KS

PO Box 399
Garden City KS 67846

Suppes #1-20

Job Ticket: 59316

DST#: 1

ATTN: Jason Alm

Test Start: 2014.06.25 @ 07:25:46

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 10.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 54.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.57 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 3000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
20.00	Mud	0.098

Total Length: 20.00 ft Total Volume: 0.098 bbl

Num Fluid Samples: 0

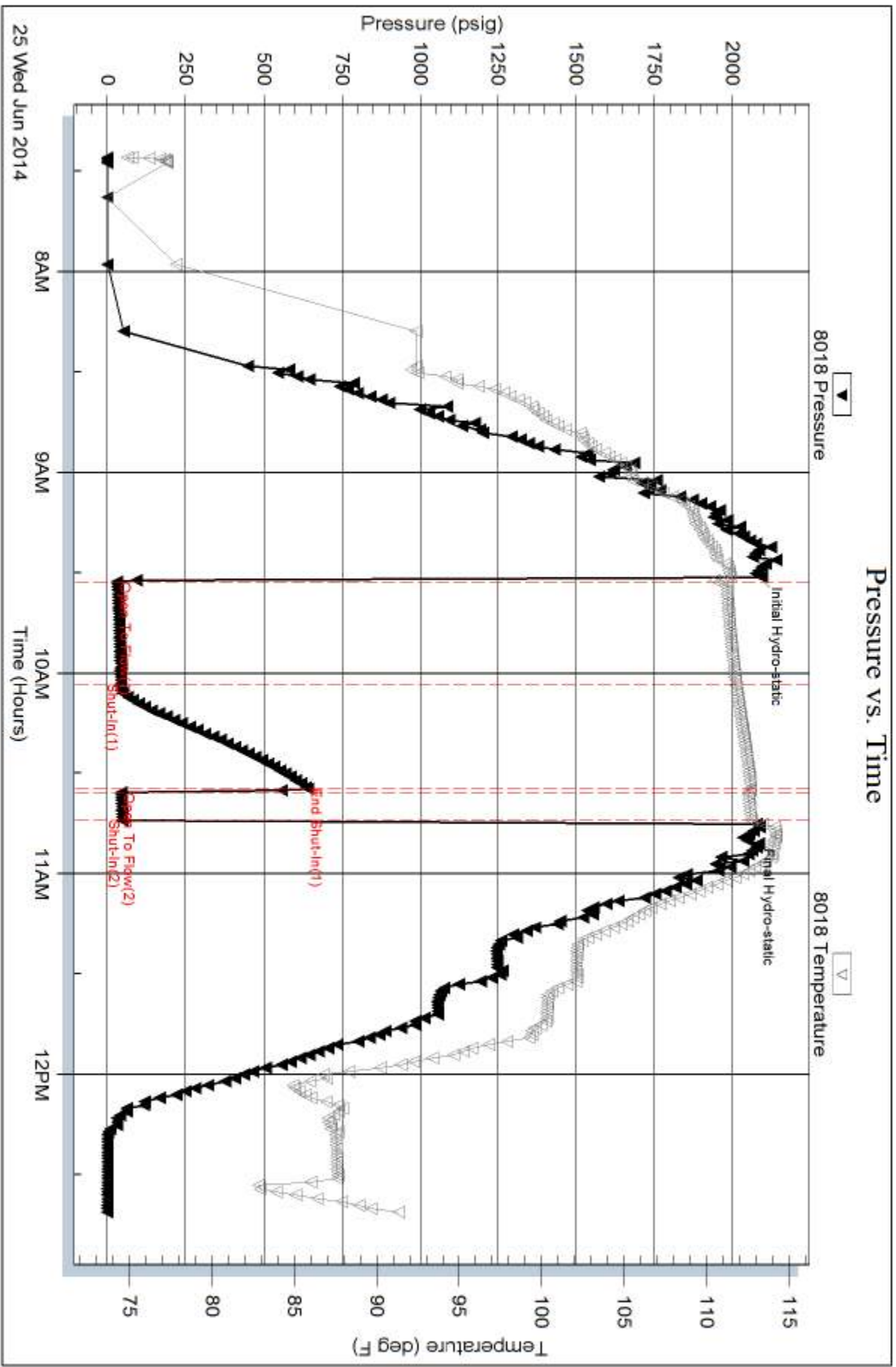
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

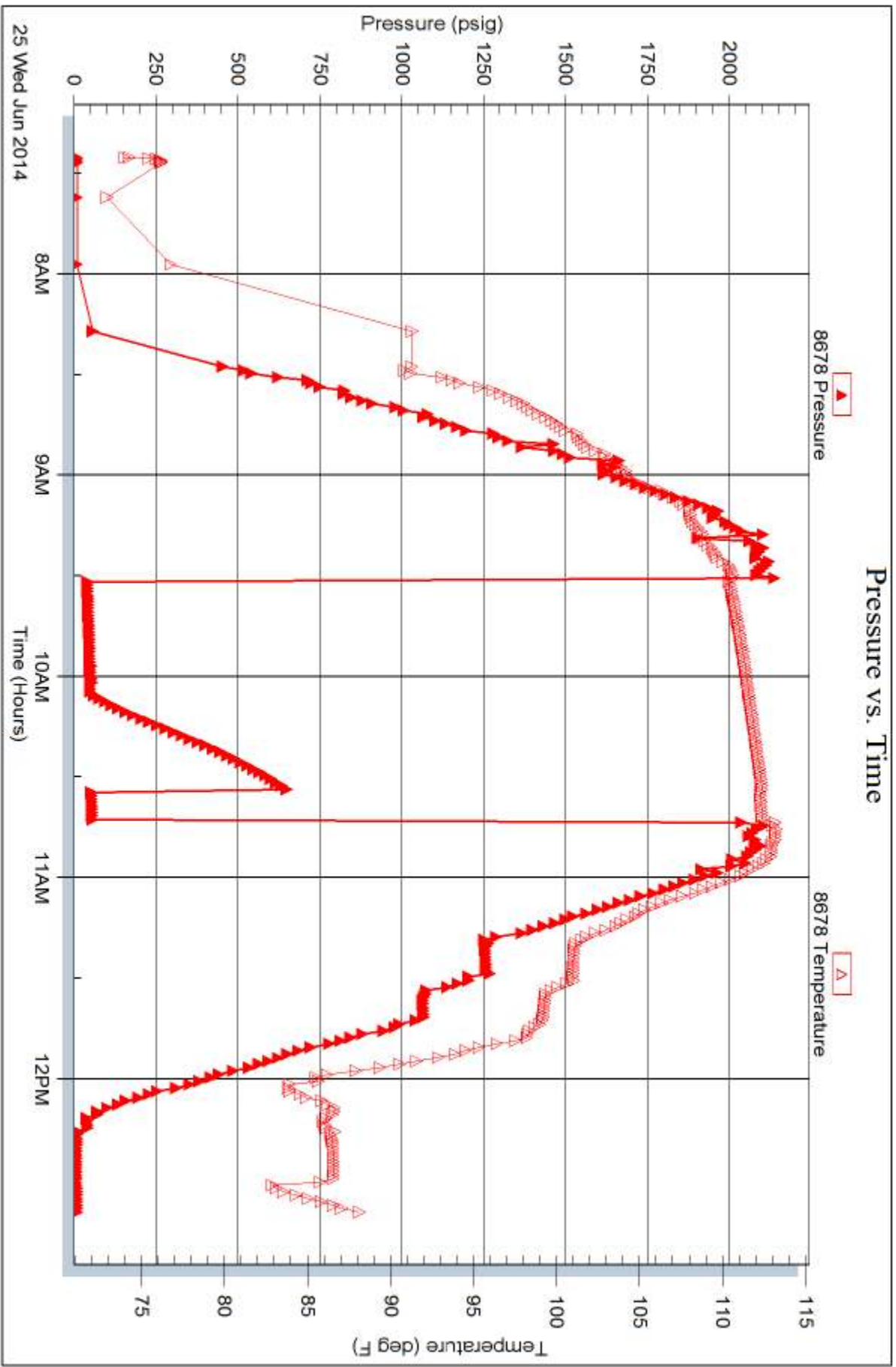


Serial #: 8678

Outside American Warrior, Inc

Supps #1-20

DST Test Number: 1



Trilobite Testing, Inc

Ref. No: 59316

Printed: 2014.06.26 @ 14:44:29



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 59316

Well Name & No. Suppes #1-20 Test No. 1 Date 6-25-14
 Company American Warrior, Inc Elevation 2194 KB 2188 GL
 Address PO Box 399 Garden City, Ko 67846
 Co. Rep / Geo. JASON ALM Rig PETROMARK rig 1
 Location: Sec. 20 Twp. 18^s Rge. 21^w Co. NESS State Ko

Interval Tested 4188-4298 Zone Tested Cher sd., Miss
 Anchor Length 110 Drill Pipe Run 4059 Mud Wt. 9.5
 Top Packer Depth 4183 Drill Collars Run 120 Vis 54
 Bottom Packer Depth 4188 Wt. Pipe Run - WL 9.6
 Total Depth 4298 Chlorides 3000 ppm System LCM -
 Blow Description IFP - WEAK Blow thru-out 1/2" to 1" Blow
ISIP - NO Blow
FFP - NO Blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>20</u>	<u>Mud</u>				

Rec Total 20 BHT 112 Gravity - API RW - @ - ° F Chlorides - ppm

(A) Initial Hydrostatic <u>2074</u>	<input checked="" type="checkbox"/> Test <u>1250</u>	T-On Location <u>0630</u>
(B) First Initial Flow <u>30</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>0725</u>
(C) First Final Flow <u>41</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>0935</u>
(D) Initial Shut-In <u>641</u>	<input type="checkbox"/> Circ Sub	T-Pulled <u>1045</u>
(E) Second Initial Flow <u>44</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>1241</u>
(F) Second Final Flow <u>46</u>	<input checked="" type="checkbox"/> Mileage <u>108 RT</u> 167.40	Comments
(G) Final Shut-In <u>-</u>	<input type="checkbox"/> Sampler	
(H) Final Hydrostatic <u>2048</u>	<input type="checkbox"/> Straddle	<input type="checkbox"/> Ruined Shale Packer
	<input type="checkbox"/> Shale Packer	<input type="checkbox"/> Ruined Packer
Initial Open <u>30</u>	<input type="checkbox"/> Extra Packer	<input type="checkbox"/> Extra Copies
Initial Shut-In <u>30</u>	<input type="checkbox"/> Extra Recorder	Sub Total <u>0</u>
Final Flow <u>10</u>	<input type="checkbox"/> Day Standby	Total <u>1742.40</u>
Final Shut-In <u>out</u>	<input type="checkbox"/> Accessibility	MP/DST Disc't
	Sub Total <u>1742.40</u>	

Approved By _____ Our Representative RAY Schwager *Thank you*
 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.