



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

American Warrior, Inc
PO BOX 399
Garden City, KS 67846
ATTN: Kevin Timson

17 25s 36w Kearney Ks
Gano #3-17
Job Ticket: 6533 **DST#: 1**
Test Start: 2016.07.12 @ 13:15:00

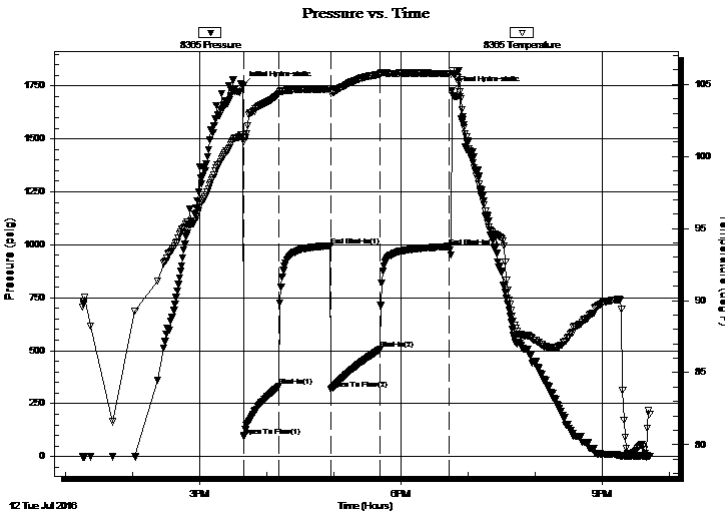
GENERAL INFORMATION:

Formation: **LKC A-E**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 15:39:15
Time Test Ended: 21:43:30
Interval: **3682.00 ft (KB) To 3809.00 ft (KB) (TVD)**
Total Depth: 3809.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good
Test Type: Conventional Bottom Hole (Initial)
Tester: Bradley Walter
Unit No: 78
Reference Elevations: 3036.00 ft (KB)
3025.00 ft (CF)
KB to GR/CF: 11.00 ft

Serial #: 8365 Inside
Press@RunDepth: 505.44 psig @ 3683.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2016.07.12 End Date: 2016.07.12 Last Calib.: 2016.07.12
Start Time: 13:15:05 End Time: 21:43:29 Time On Btm: 2016.07.12 @ 15:38:45
Time Off Btm: 2016.07.12 @ 18:45:45

TEST COMMENT: IF: BOB @ 3 min.
IS: No return.
FF: BOB @ 6 min.
FS: No return.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1751.16	101.52	Initial Hydro-static
1	95.76	101.01	Open To Flow (1)
32	332.17	104.36	Shut-In(1)
79	995.82	104.68	End Shut-In(1)
79	318.70	104.39	Open To Flow (2)
123	505.44	105.69	Shut-In(2)
185	991.79	105.74	End Shut-In(2)
187	1728.27	105.97	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
365.00	somcw 5o 5m 90w	3.53
590.00	gmocw 25g 30m 20o 25w	8.28
175.00	ocm 30o 70m	2.45

Gas Rates

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



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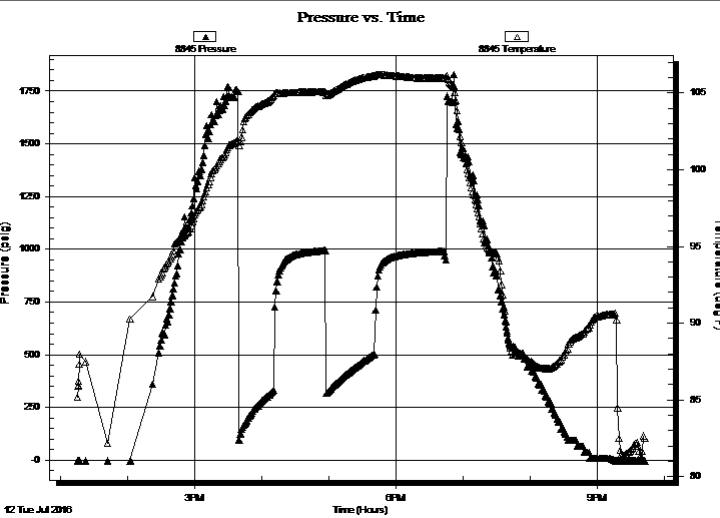
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 Unit No: 78
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 3025.00 ft (CF)
 KB to GR/CF: 11.00 ft

Serial #: 8845 Outside
 Press@RunDepth: psig @ 3683.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2016.07.12 End Date: 2016.07.12 Last Calib.: 2016.07.12
 Start Time: 13:15:05 End Time: 21:43:29 Time On Btm:
 Time Off Btm:

TEST COMMENT: IF: BOB @ 3 min.
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 FF: BOB @ 6 min.
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PRESSURE SUMMARY			
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

Recovery		
Length (ft)	Description	Volume (bbl)
365.00	somcw 5o 5m 90w	3.53
590.00	gmocw 25g 30m 20o 25w	8.28
175.00	ocm 30o 70m	2.45

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



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DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior, Inc
PO BOX 399
Garden City, KS 67846
ATTN: Kevin Timson

17 25s 36w Kearney Ks
Gano #3-17
Job Ticket: 6533 **DST#: 1**
Test Start: 2016.07.12 @ 13:15:00

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API: 0 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity: 32000 ppm
Viscosity: 58.00 sec/qt	Cushion Volume: bbl	
Water Loss: 7.99 in ³	Gas Cushion Type:	
Resistivity: ohm.m	Gas Cushion Pressure: psig	
Salinity: 4300.00 ppm		
Filter Cake: 1.00 inches		

Recovery Information

Recovery Table

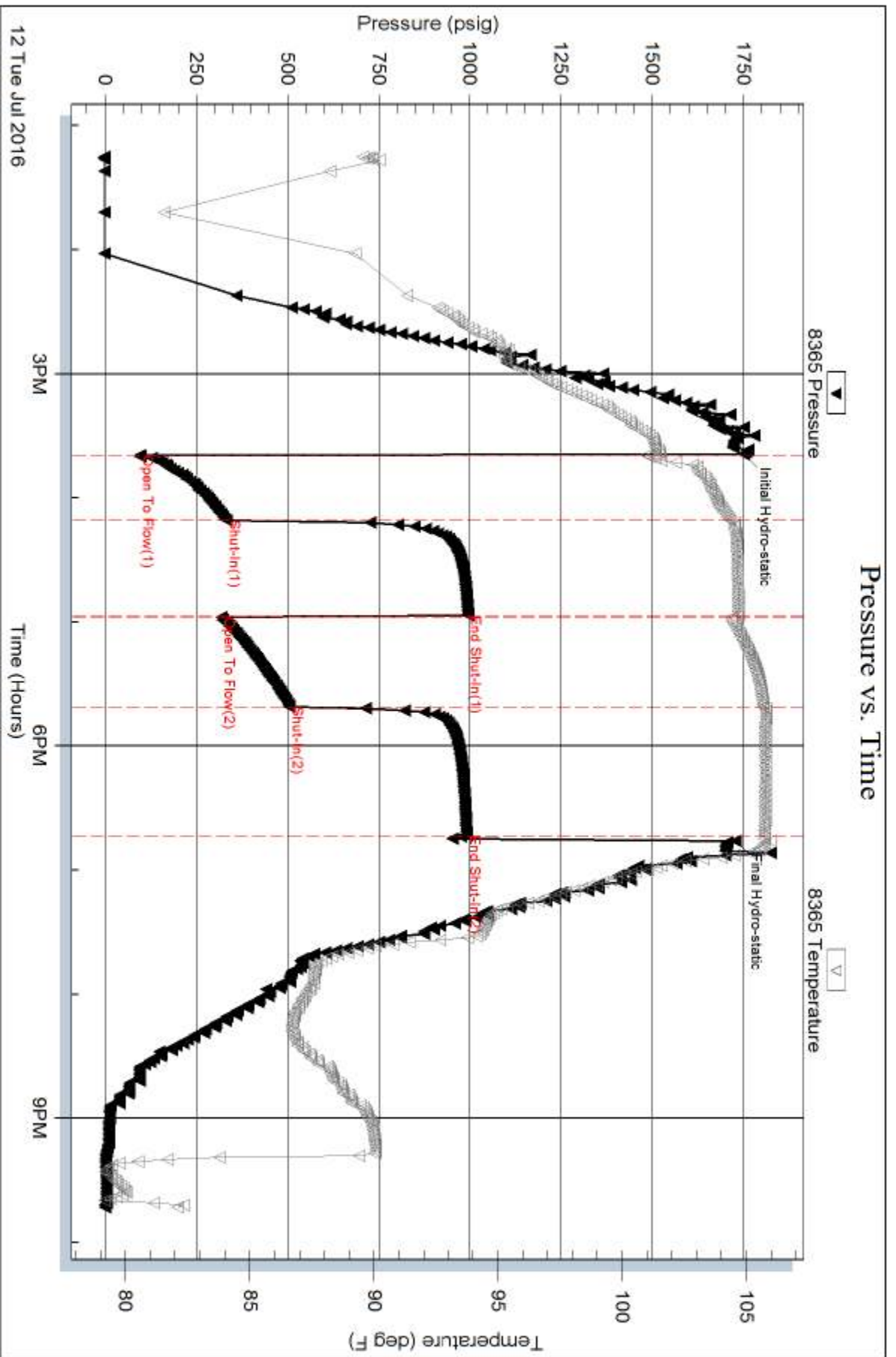
Length ft	Description	Volume bbl
365.00	somcw 5o 5m 90w	3.526
590.00	gmocw 25g 30m 20o 25w	8.276
175.00	ocm 30o 70m	2.455

Total Length: 1130.00 ft Total Volume: 14.257 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments: rw is .205 @ 75F = 32,000ppm

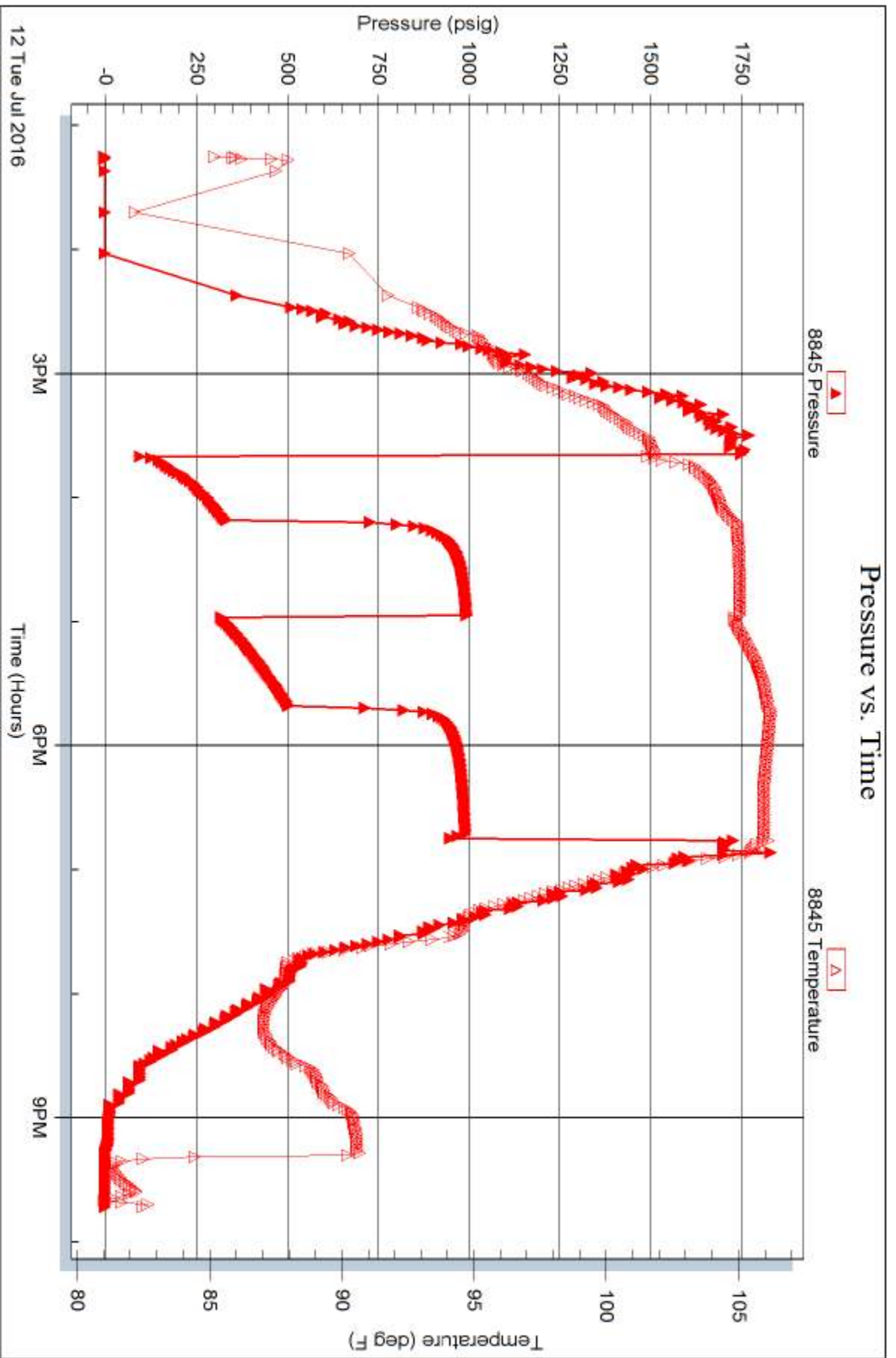


Serial #: 8845

Outside American Warrior, Inc

Gano #3-17

DST Test Number: 1



Trilobite Testing, Inc

Ref. No: 6533

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