



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Carmen Schmitt
PO Box 47
Great Bend KS, 67530-0047
ATTN: Brad Rine

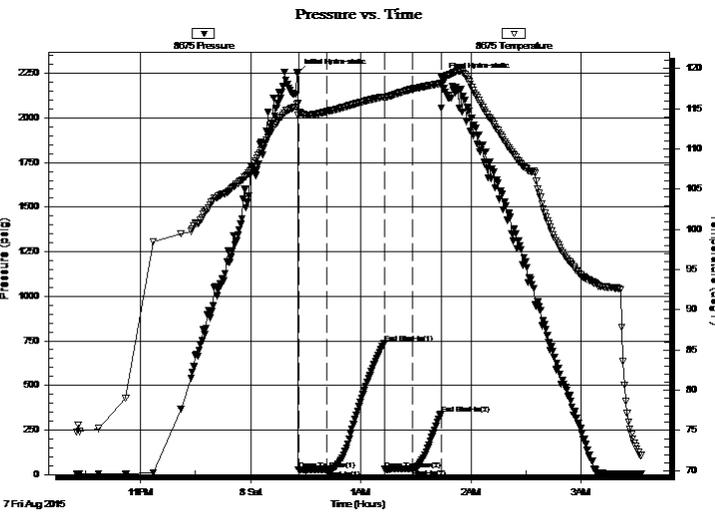
14-16s-28w Lane Co, KS
Lawrence #1-14
Job Ticket: 61600 **DST#: 5**
Test Start: 2015.08.07 @ 22:25:00

GENERAL INFORMATION:

Formation: **Cherokee**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 00:26:00
Time Test Ended: 03:33:15
Interval: **4513.00 ft (KB) To 4571.00 ft (KB) (TVD)**
Total Depth: 4571.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Poor
Reference Elevations: 2731.00 ft (KB)
2723.00 ft (CF)
KB to GR/CF: 8.00 ft

Serial #: 8675 Inside
Press@RunDepth: 31.01 psig @ 4530.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2015.08.07 End Date: 2015.08.08 Last Calib.: 2015.08.08
Start Time: 22:25:15 End Time: 03:33:15 Time On Btm: 2015.08.08 @ 00:25:45
Time Off Btm: 2015.08.08 @ 01:44:15

TEST COMMENT: Built to 1/2" blow
No return blow
No blow
No return blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2252.75	115.63	Initial Hydro-static
1	27.65	114.17	Open To Flow (1)
16	29.00	114.66	Shut-In(1)
47	738.10	116.52	End Shut-In(1)
48	29.44	116.30	Open To Flow (2)
63	31.01	117.44	Shut-In(2)
78	340.64	118.14	End Shut-In(2)
79	2227.62	118.84	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	100%Mud	0.07

* Recovery from multiple tests

Gas Rates

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



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FLUID SUMMARY

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Lawrence #1-14
Job Ticket: 61600 **DST#: 5**
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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: 50.00 sec/qt	Cushion Volume: bbl		
Water Loss: 10.39 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 3500.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	100%Mud	0.070

Total Length: 5.00 ft Total Volume: 0.070 bbl
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:

Serial #: 8675

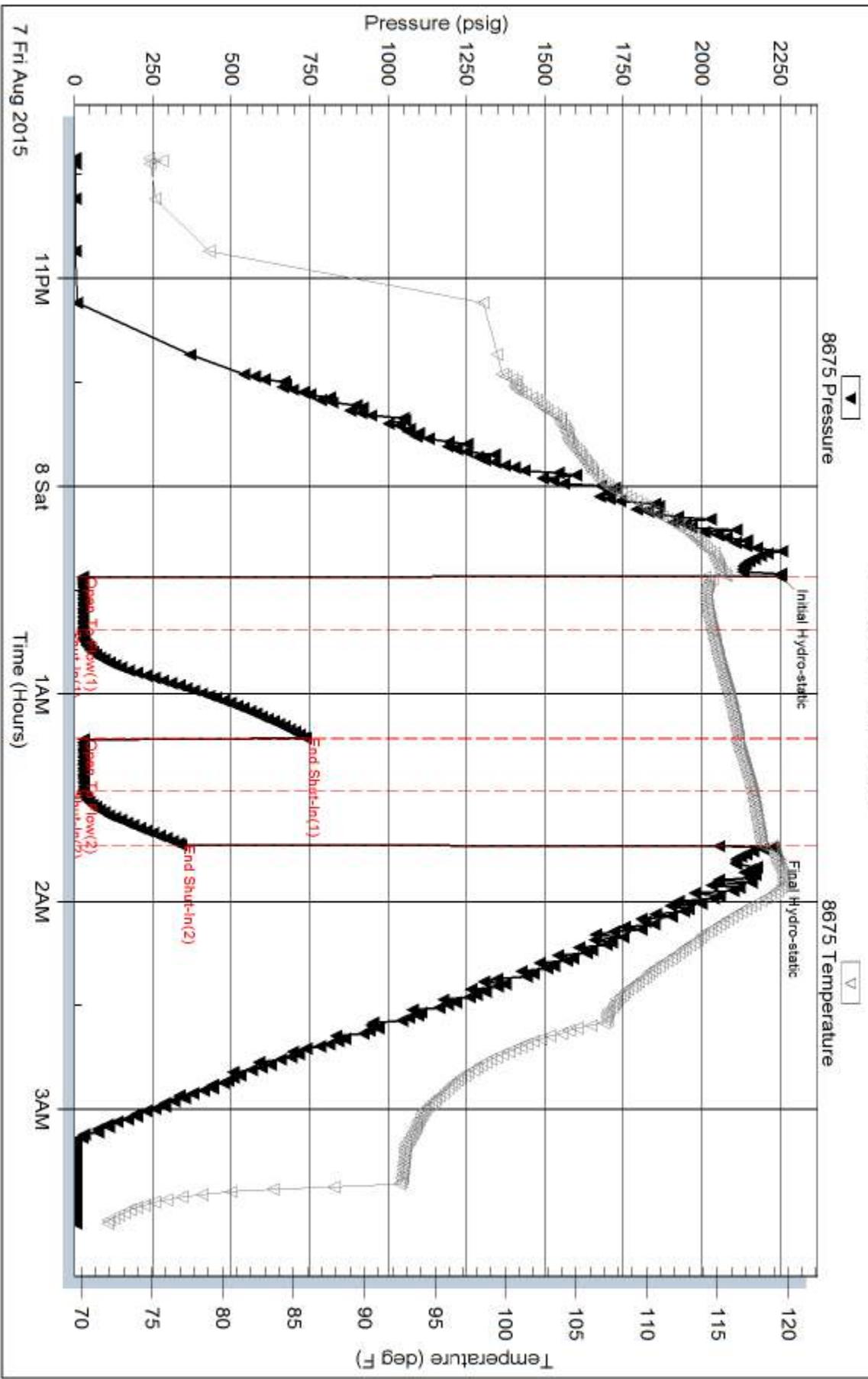
Inside

Carmen Schmitt

Lawrence #1-14

DST Test Number: 5

Pressure vs. Time



Trilobite Testing, Inc

Ref. No: 61600

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