



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Abercrombie Energy LLC

14-16s-33w Scott Co KS

10209 W. Central
STE #2
Wichita KS 67212
ATTN: Wes Hansen

Clement #1-14

Job Ticket: 63715

DST#: 1

Test Start: 2017.04.14 @ 07:23:15

GENERAL INFORMATION:

Formation: **Altamont-Ft Scott**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 10:44:45
 Time Test Ended: 14:52:00
 Interval: **4406.00 ft (KB) To 4546.00 ft (KB) (TVD)**
 Total Depth: 4546.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Mike Roberts
 Unit No: 81
 Reference Elevations: 3014.00 ft (KB)
 3009.00 ft (CF)
 KB to GR/CF: 5.00 ft

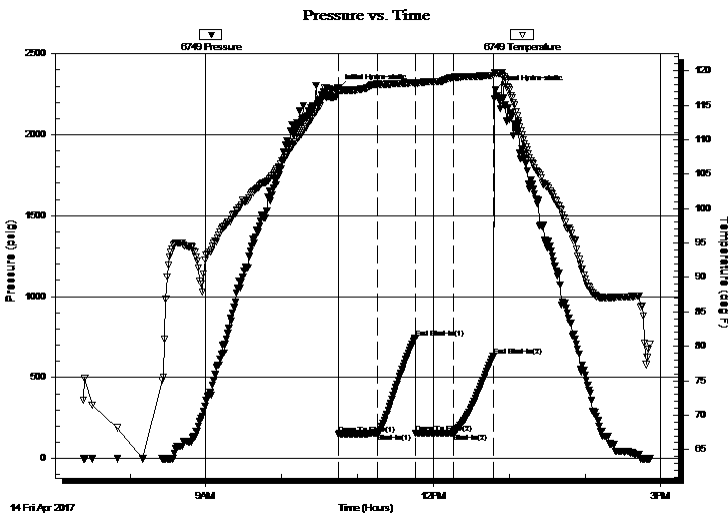
Serial #: 6749

Outside

Press@RunDepth: 157.21 psig @ 4541.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2017.04.14 End Date: 2017.04.14 Last Calib.: 2017.04.14
 Start Time: 07:23:15 End Time: 14:52:00 Time On Btm: 2017.04.14 @ 10:44:30
 Time Off Btm: 2017.04.14 @ 12:49:15

TEST COMMENT: IF:Weak surface blow died in 13 min.
 IS:No return blow
 FF:No blow
 FS:No return blow

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2285.43	117.55	Initial Hydro-static
1	150.97	116.99	Open To Flow (1)
32	154.56	118.05	Shut-In(1)
61	742.24	118.28	End Shut-In(1)
62	155.06	117.97	Open To Flow (2)
92	157.21	119.03	Shut-In(2)
123	633.81	119.34	End Shut-In(2)
125	2276.29	119.74	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
118.00	mud w ith oil spots in tool 100% m	0.58

Gas Rates

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



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FLUID SUMMARY

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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:

0 ppm

Viscosity: 50.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.19 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 3300.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
118.00	mud w ith oil spots in tool 100% m	0.580

Total Length: 118.00 ft

Total Volume: 0.580 bbl

Num Fluid Samples: 0

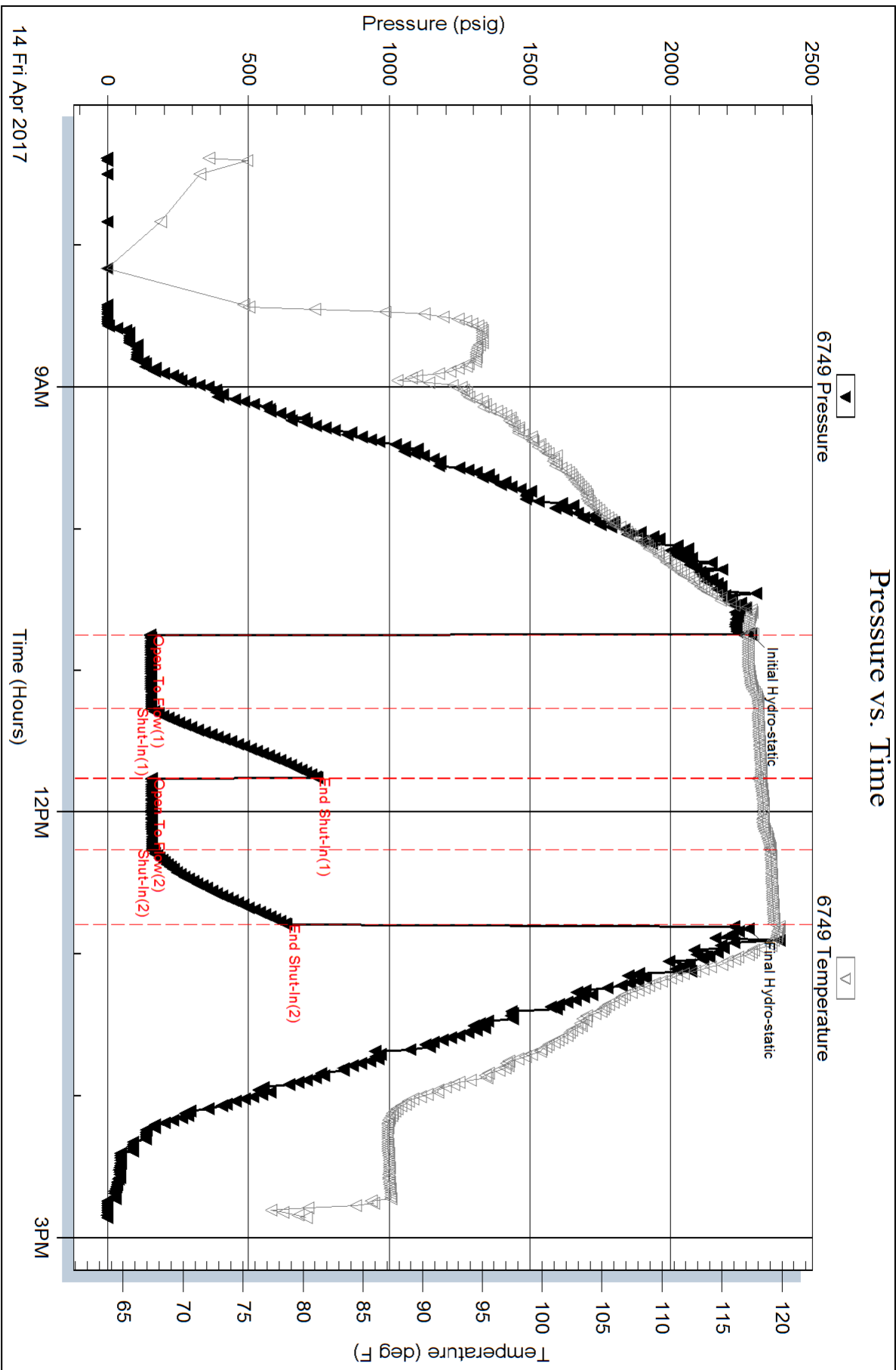
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



Serial #: 8672

Inside

Abercrombie Energy LLC

Clement #1-14

DST Test Number: 1

