



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Culbreath Oil & Gas

3-5S-35W Rawlins KS

3501 S. Yale Ave
Tulsa Ok 74135

Tom/Kelly Dewey #1-3

ATTN: Anthony Luna

Job Ticket: 62771

DST#: 3

Test Start: 2015.08.26 @ 13:02:00

GENERAL INFORMATION:

Formation: **Marmaton**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 15:05:30

Time Test Ended: 19:58:39

Test Type: Conventional Bottom Hole (Reset)

Tester: Ryan Nichols

Unit No: 78

Interval: 4340.00 ft (KB) To 4386.00 ft (KB) (TVD)

Reference Elevations: 3150.00 ft (KB)

Total Depth: 4386.00 ft (KB) (TVD)

3145.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 5.00 ft

Serial #: 6752

Inside

Press@RunDepth: 1343.02 psig @ 4341.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2015.08.26

End Date:

2015.08.26

Last Calib.:

2015.08.26

Start Time: 13:02:01

End Time:

19:58:40

Time On Btm:

2015.08.26 @ 15:05:20

Time Off Btm:

2015.08.26 @ 18:06:39

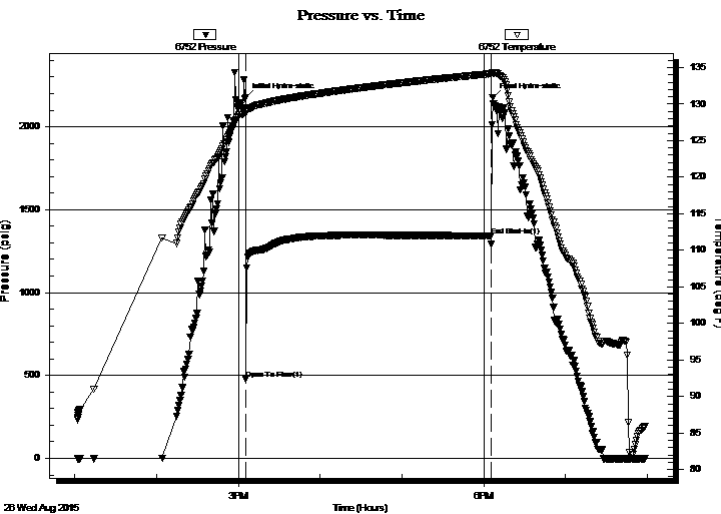
TEST COMMENT: 30 IF - Surface blow died @ 19 mins

60 ISI - No return

30 FF - No blow

60 FSI - No return

MISSRUN PLUGGED TOOL



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2174.86	129.06	Initial Hydro-static
1	477.90	128.68	Open To Flow (1)
180	1343.02	134.15	End Shut-In(1)
182	2176.73	134.34	Final Hydro-static

Recovery

Gas Rates

Length (ft)	Description	Volume (bbl)
3.00	Mud 100%M	0.01

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

* Recovery from multiple tests



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FLUID SUMMARY

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DST#: 3

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Test Start: 2015.08.26 @ 13:02:00

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: 63.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.79 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 500.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
3.00	Mud 100%M	0.015

Total Length: 3.00 ft Total Volume: 0.015 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

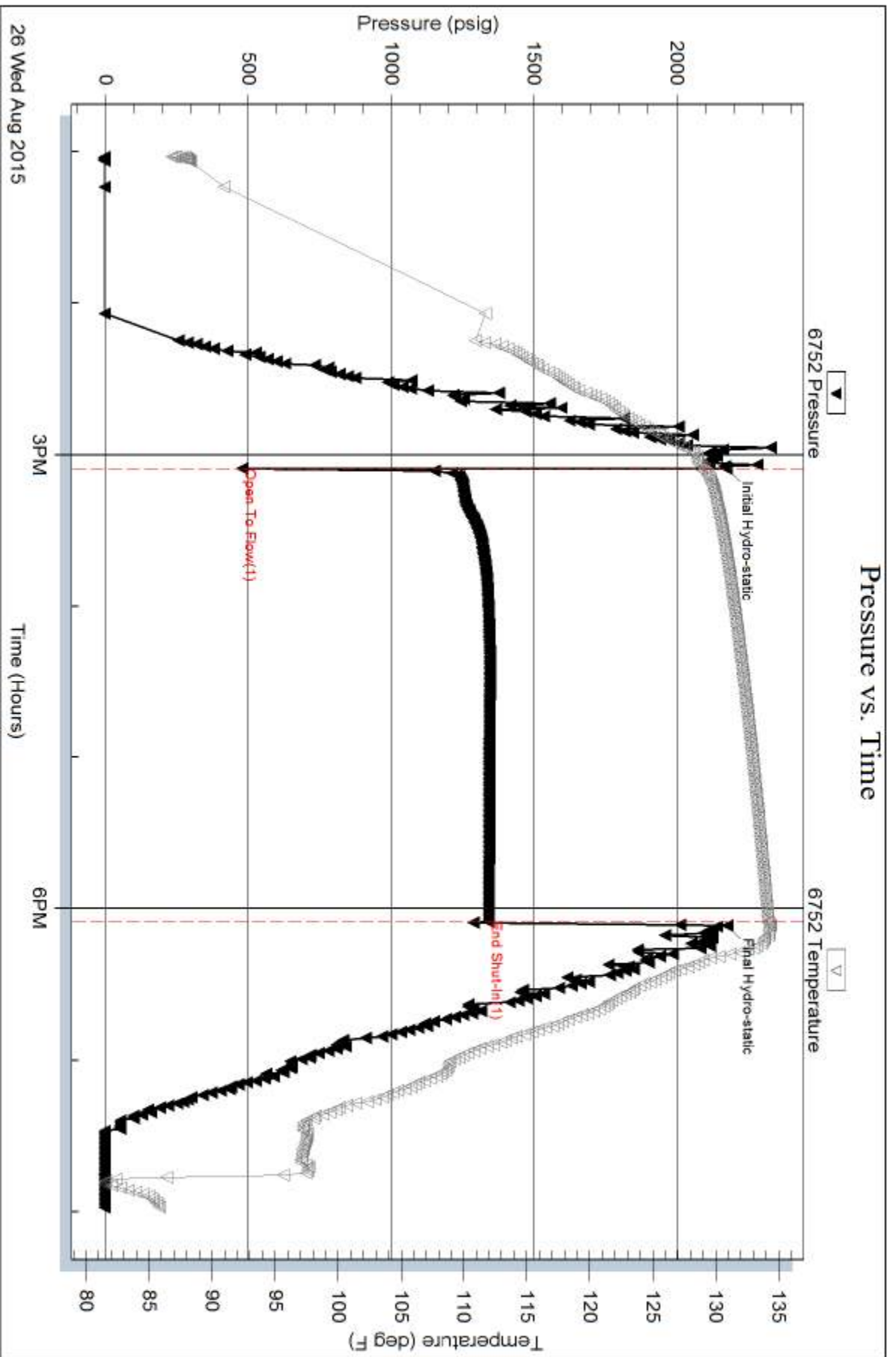
Serial #: 6752

Inside

Culbreath Oil & Gas

Tom/Kelly Dewey #1-3

DST Test Number: 3



Trilobite Testing, Inc

Ref. No: 62771

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