



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Triple Crown Operating, LLC

**27-20S-22W Ness, KS**

2201 S. Utica Pl.  
Ste. 100  
Tulsa, OK 74114  
ATTN:

**McJunkin #1-27**

Job Ticket: 63290

**DST#: 1**

Test Start: 2017.08.22 @ 13:53:39

## GENERAL INFORMATION:

Formation: **Miss**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 16:27:09

Time Test Ended: 21:56:09

Test Type: Conventional Bottom Hole (Initial)

Tester: Brannan Lonsdale

Unit No: 73

**Interval: 4258.00 ft (KB) To 4321.00 ft (KB) (TVD)**

Reference Elevations: 2176.00 ft (KB)

Total Depth: 4321.00 ft (KB) (TVD)

2171.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

## Serial #: 6753

Press@RunDepth: 758.00 psig @ ft (KB)

Capacity: 8000.00 psig

Start Date: 2017.08.22 End Date: 2017.08.22

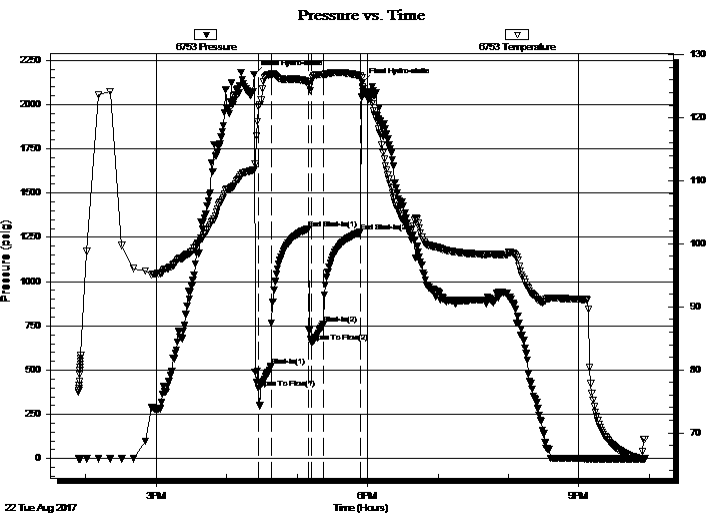
Last Calib.: 2017.08.22

Start Time: 13:53:44 End Time: 21:56:08

Time On Btm: 2017.08.22 @ 16:23:09

Time Off Btm: 2017.08.22 @ 17:55:39

**TEST COMMENT:** 15- IF- BOB 20secs  
30- ISL- Slow ly built to 3" then died back to 2"  
15- FF- BOB 10secs  
30- FSI- Slow ly built to 3" then died back to 2"



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2169.57	111.76	Initial Hydro-static
4	398.04	121.76	Open To Flow (1)
15	521.88	126.86	Shut-In(1)
47	1298.51	125.68	End Shut-In(1)
49	660.26	125.79	Open To Flow (2)
59	758.00	126.84	Shut-In(2)
91	1279.20	126.64	End Shut-In(2)
93	2124.06	124.87	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
2236.00	GMCO, 25%G 65%O 10%M	30.60
0.00	159' GIP	0.00

## 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  
Mud Weight: 9.00 lb/gal  
Viscosity: 56.00 sec/qt  
Water Loss: 9.59 in<sup>3</sup>  
Resistivity: ohm.m  
Salinity: 5000.00 ppm  
Filter Cake: inches

Cushion Type:  
Cushion Length: ft  
Cushion Volume: bbl  
Gas Cushion Type:  
Gas Cushion Pressure: psig

Oil API: 32 deg API  
Water Salinity: ppm

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
2236.00	GMCO, 25%G 65%O 10%M	30.604
0.00	159' GIP	0.000

Total Length: 2236.00 ft      Total Volume: 30.604 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

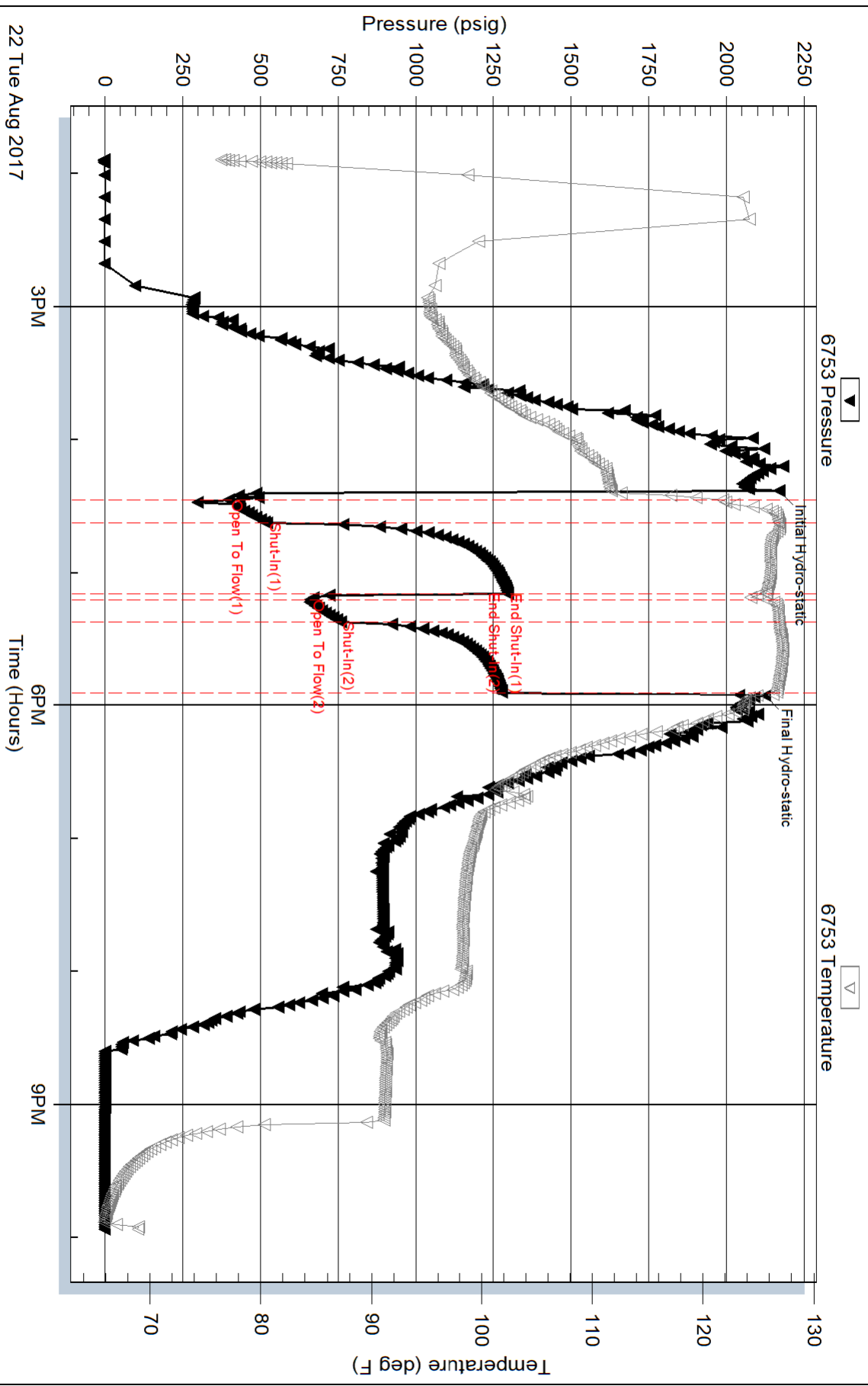
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

### Pressure vs. Time



Serial #: 6771

Inside

Triple Crown Operating, LLC

McJunkin #1-27

DST Test Number: 1

