



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Gore Oil Company
202 S St. Francis
Wichita, KS 67202-4518
ATTN: Chuck Schmalz

16/9s/17w Rooks, KS
Keas #1
Job Ticket: 63146 **DST#: 4**
Test Start: 2018.09.05 @ 04:00:12

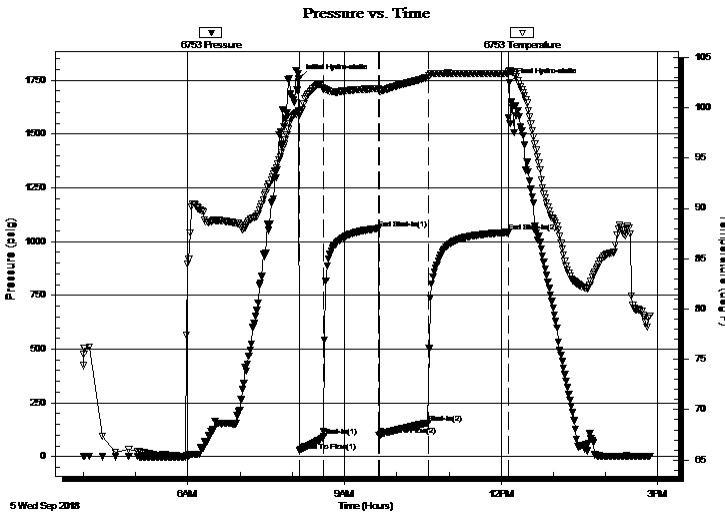
GENERAL INFORMATION:

Formation: **Arbuckle**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 08:08:12
Time Test Ended: 14:51:42
Test Type: Conventional Bottom Hole (Reset)
Tester: Brannan Lonsdale
Unit No: 73
Interval: **3470.00 ft (KB) To 3540.00 ft (KB) (TVD)**
Reference Elevations: 2107.00 ft (KB)
Total Depth: 3540.00 ft (KB) (TVD) 2102.00 ft (CF)
Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 5.00 ft

Serial #: 6753 Outside
Press@RunDepth: 156.65 psig @ 3471.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2018.09.05 End Date: 2018.09.05 Last Calib.: 2018.09.05
Start Time: 04:00:17 End Time: 14:51:42 Time On Btm: 2018.09.05 @ 08:07:42
Time Off Btm: 2018.09.05 @ 12:09:42

TEST COMMENT: 30- IF- BOB 25mins. Built to 12.5"
60- IS- Weak surface blow died 16mins
60- FF- BOB 33mins. Built to 15"
90- FS- Surface blow throughout

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1756.58	99.69	Initial Hydro-static
1	26.29	99.18	Open To Flow (1)
29	95.86	101.83	Shut-In(1)
91	1060.54	101.92	End Shut-In(1)
92	99.28	101.66	Open To Flow (2)
149	156.65	103.01	Shut-In(2)
241	1043.00	103.42	End Shut-In(2)
242	1737.94	103.70	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
145.00	MCO, 30%M 70%O	0.71
190.00	CGO, 15%G 85%O	2.14
0.00	60' GIP	0.00

* Recovery from multiple tests

Gas Rates

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



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FLUID SUMMARY

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16/9s/17w Rooks, KS

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Wichita, KS 67202-4518

Keas #1

Job Ticket: 63146

DST#: 4

ATTN: Chuck Schmaltz

Test Start: 2018.09.05 @ 04:00:12

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

29 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 61.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 5.99 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2900.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
145.00	MCO, 30%M 70%O	0.713
190.00	CGO, 15%G 85%O	2.138
0.00	60' GIP	0.000

Total Length: 335.00 ft Total Volume: 2.851 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

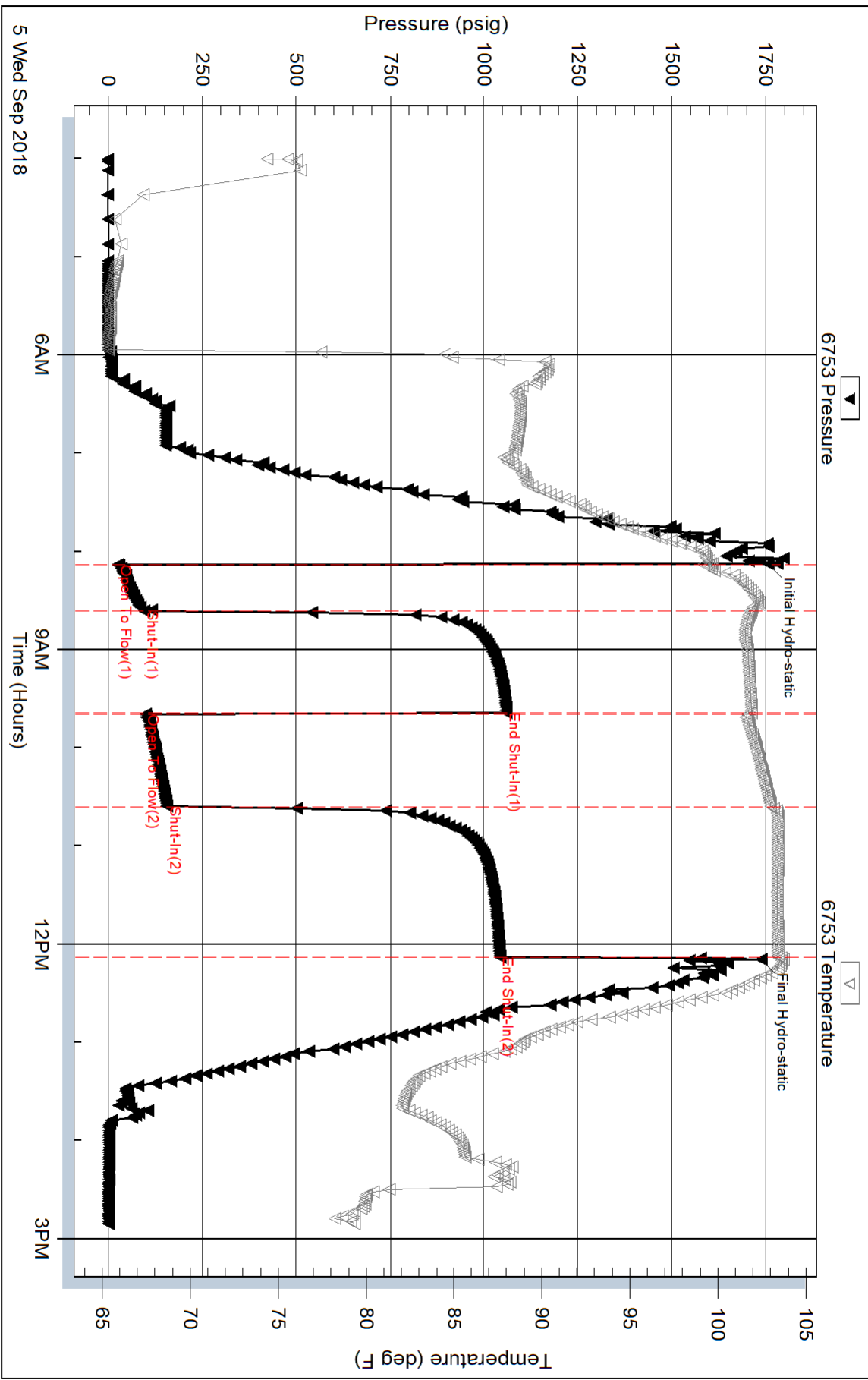
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time



Serial #: 6771

Inside

Gore Oil Company

Keas #1

DST Test Number: 4

