



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

SGA
1515 Wykoop
STE 700
Denver Co 80202
ATTN: Chris Mitchel

6-2S-36W Rawlins KS

Frisbe #1-6

Job Ticket: 62577

DST#: 2

Test Start: 2015.05.07 @ 20:34:00

GENERAL INFORMATION:

Formation: **LKC " G "**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Reset)
 Time Tool Opened: 23:46:20
 Tester: Ryan Nichols
 Time Test Ended: 06:12:00
 Unit No: 78
 Interval: **4371.00 ft (KB) To 4421.00 ft (KB) (TVD)**
 Reference Elevations: 3343.00 ft (KB)
 Total Depth: 4421.00 ft (KB) (TVD)
 3338.00 ft (CF)
 Hole Diameter: 7.88 inches
 Hole Condition: Good
 KB to GR/CF: 5.00 ft

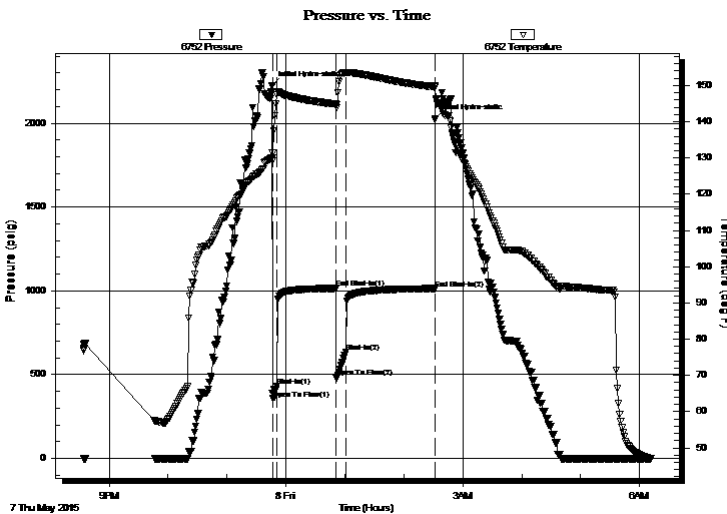
Serial #: 6752

Inside

Press@RunDepth: 635.70 psig @ 4376.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2015.05.07 End Date: 2015.05.08 Last Calib.: 2015.05.08
 Start Time: 20:34:01 End Time: 06:12:00 Time On Btm: 2015.05.07 @ 23:45:50
 Time Off Btm: 2015.05.08 @ 02:32:00

TEST COMMENT: 5 IF - BoB @ 1 min
 60 ISI - Surface blow built to BoB @ 8 mins
 10 FF - BoB @ 1 min
 90 FSI - Surface blow built to 5"

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2225.31	130.12	Initial Hydro-static
1	356.30	131.26	Open To Flow (1)
5	432.49	147.57	Shut-In(1)
65	1014.79	144.85	End Shut-In(1)
66	484.42	144.58	Open To Flow (2)
75	635.70	153.52	Shut-In(2)
166	1013.62	149.57	End Shut-In(2)
167	2025.90	149.76	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
62.00	GMC0 - 25%G - 30%M - 45%o	0.30
1071.00	GO - 50%G - 50%o	13.89
252.00	GO - 30%G - 70%o	3.53
15.00	GO - 20%G - 80%o	0.21

* Recovery from multiple tests

Gas Rates

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



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FLUID SUMMARY

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Frisbe #1-6
Job Ticket: 62577 **DST#: 2**
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Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API: 27 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity: ppm
Viscosity: 60.00 sec/qt	Cushion Volume: bbl	
Water Loss: 7.20 in ³	Gas Cushion Type:	
Resistivity: ohm.m	Gas Cushion Pressure: psig	
Salinity: 1500.00 ppm		
Filter Cake: 1.00 inches		

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
62.00	GMCO - 25%G - 30%M - 45%o	0.305
1071.00	GO - 50%G - 50%o	13.894
252.00	GO - 30%G - 70%o	3.535
15.00	GO - 20%G - 80%o	0.210

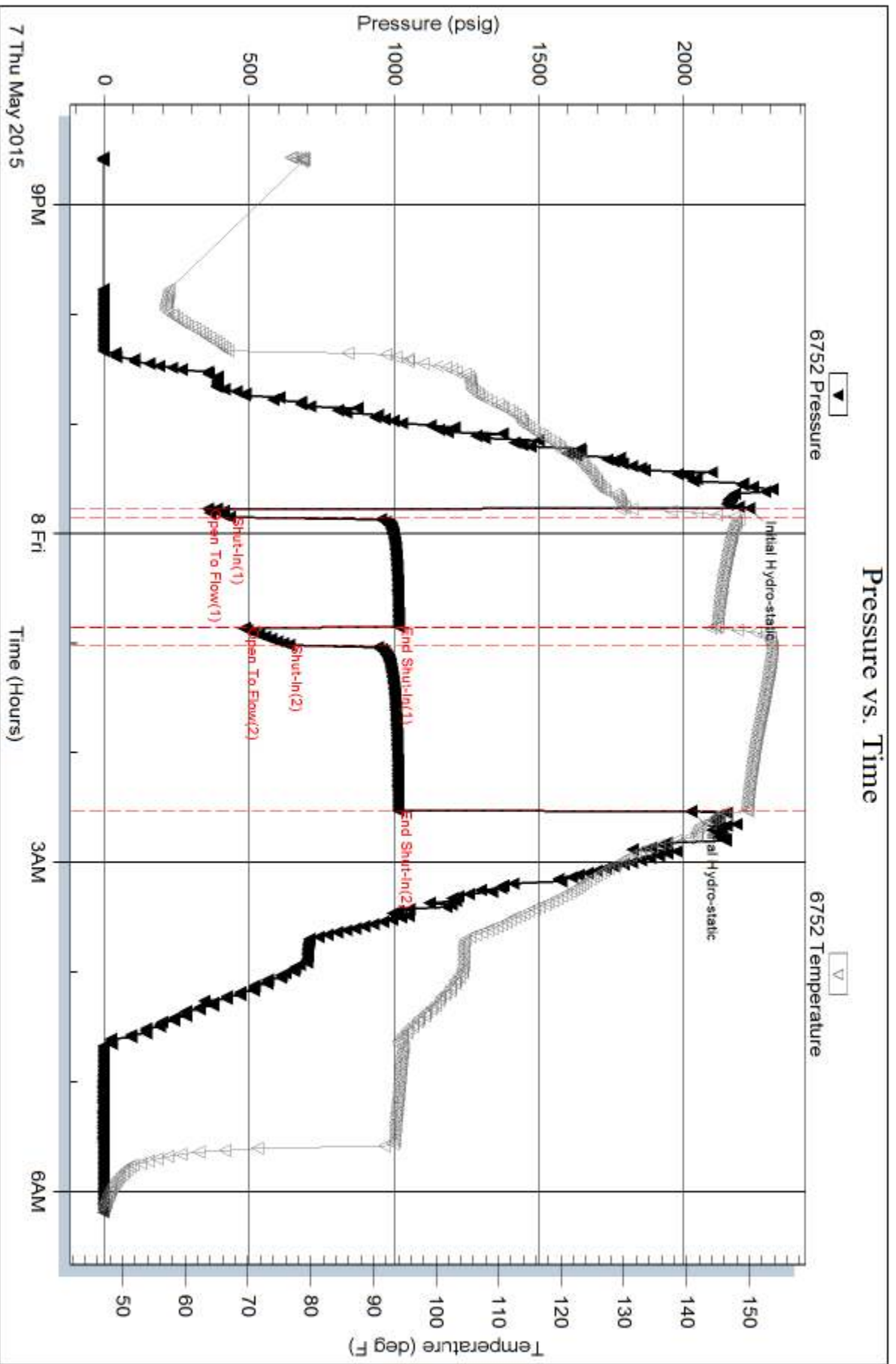
Total Length: 1400.00 ft Total Volume: 17.944 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments: OIL API = 28 @ 70 DEG F = 27 COR 60 DEG F

Pressure vs. Time



Serial #: 8734

Fluid

SGA

Frisbe #1-6

DST Test Number: 2

