



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Woolsey Operating Co
125 N Market Ste 1000
Wichita, KS 67202
ATTN: Curtis Covey

Tucker "GU" B #3
11-34S-11W Barber
Job Ticket: 041394 **DST#: 1**
Test Start: 2011.03.19 @ 17:09:49

GENERAL INFORMATION:

Formation: **Mississippi**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 20:14:34
Time Test Ended: 03:15:45
Interval: **4496.00 ft (KB) To 4592.00 ft (KB) (TVD)**
Total Depth: 4592.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good
Test Type: Conventional Bottom Hole
Tester: Leal Cason
Unit No: 45
Reference Elevations: 1402.00 ft (KB)
1391.00 ft (CF)
KB to GR/CF: 11.00 ft

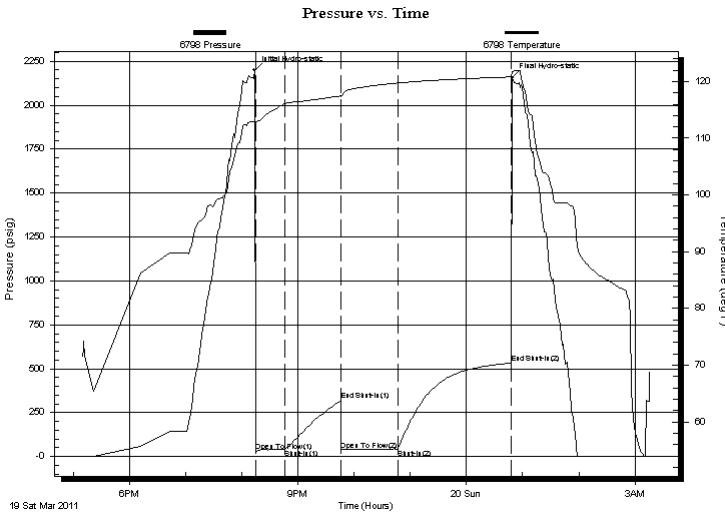
Serial #: 6798

Inside

Press @ Run Depth: 43.90 psig @ 4497.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2011.03.19 End Date: 2011.03.20 Last Calib.: 2011.03.20
Start Time: 17:09:50 End Time: 03:15:45 Time On Btm: 2011.03.19 @ 20:13:19
Time Off Btm: 2011.03.20 @ 00:48:49

TEST COMMENT: IF: Fair Blow , Built to 8 inches
IS: Bled Off, 1 inch Blow back
FF: Strong Blow , BOB in 30 seconds
FS: Bled Off, No Blow back

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2198.15	112.84	Initial Hydro-static
2	32.71	112.32	Open To Flow (1)
32	40.71	116.06	Shut-In(1)
93	319.72	117.46	End Shut-In(1)
93	35.38	117.35	Open To Flow (2)
154	43.90	119.73	Shut-In(2)
275	533.32	120.83	End Shut-In(2)
276	2155.96	121.80	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	792 Feet GIP	0.00
45.00	GCM 5%G 95%M	0.22

Gas Rates

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



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FLUID SUMMARY

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Tucker "GU" B #3

125 N Market Ste 1000
Wichita, KS 67202

11-34S-11W Barber

Job Ticket: 041394

DST#: 1

ATTN: Curtis Covey

Test Start: 2011.03.19 @ 17:09:49

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: 51.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.99 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4000.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	792 Feet GIP	0.000
45.00	GCM 5%G 95%M	0.221

Total Length: 45.00 ft Total Volume: 0.221 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

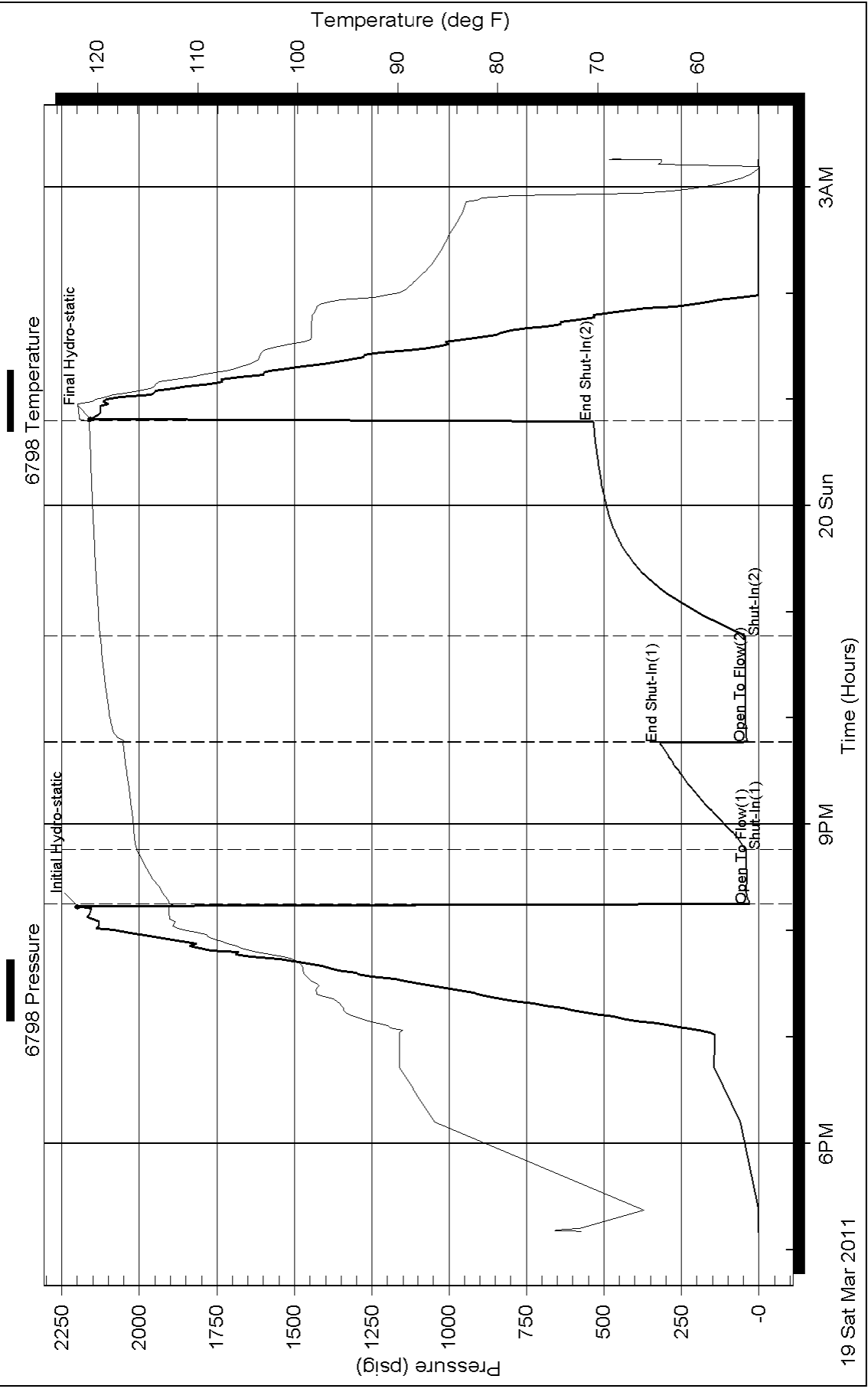
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





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Wichita, KS 67202
ATTN: Curtis Covey

Tucker "GU" B #3
11-34S-11W Barber
Job Ticket: 041395 **DST#: 2**
Test Start: 2011.03.22 @ 01:42:19

GENERAL INFORMATION:

Formation: **Wilcox sandstone**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 04:24:04
Time Test Ended: 12:56:49
Interval: **4950.00 ft (KB) To 4990.00 ft (KB) (TVD)**
Total Depth: 4990.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good
Test Type: Conventional Bottom Hole
Tester: Leal Cason
Unit No: 45
Reference Elevations: 1402.00 ft (KB)
1391.00 ft (CF)
KB to GR/CF: 11.00 ft

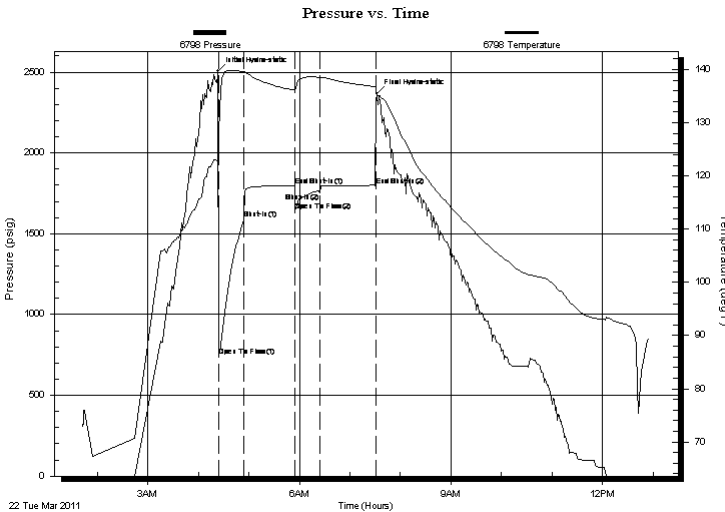
Serial #: 6798

Inside

Press @ Run Depth: 1755.89 psig @ 4951.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2011.03.22 End Date: 2011.03.22 Last Calib.: 2011.03.22
Start Time: 01:42:20 End Time: 12:56:49 Time On Btm: 2011.03.22 @ 04:23:19
Time Off Btm: 2011.03.22 @ 07:32:04

TEST COMMENT: IF: Strong Blow , BOB in 1 minute
IS: Bled Off, Weak Surface Blow back
FF: Strong Blow , BOB in 1 minute
FS: Bled Off, Weak Surface Blow back

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2504.57	122.88	Initial Hydro-static
1	740.11	127.93	Open To Flow (1)
31	1591.27	139.55	Shut-In(1)
92	1797.83	136.09	End Shut-In(1)
92	1638.93	136.05	Open To Flow (2)
122	1755.89	138.51	Shut-In(2)
187	1799.38	136.75	End Shut-In(2)
189	2368.00	135.16	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
2358.00	GSY Water 5%G 95%W	30.56
930.00	GSY MCW 12%G 5%M 83%W	13.05
279.00	GSY WCM 30%G 35%W 35%M	3.91
153.00	GSY WCM 10%G 20%W 70%M	2.15
0.00	490 feet GIP	0.00

Gas Rates

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



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Job Ticket: 041395 **DST#: 2**
Test Start: 2011.03.22 @ 01:42:19

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:	94000 ppm
Viscosity: 59.00 sec/qt	Cushion Volume: bbl		
Water Loss: 9.59 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 4000.00 ppm			
Filter Cake: 0.20 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
2358.00	GSY Water 5%G 95%W	30.562
930.00	GSY MCW 12%G 5%M 83%W	13.045
279.00	GSY WCM 30%G 35%W 35%M	3.914
153.00	GSY WCM 10%G 20%W 70%M	2.146
0.00	490 feet GIP	0.000

Total Length: 3720.00 ft Total Volume: 49.667 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:

