



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Woolsey Operating Company LLC

33-30S-18W Kiowa

125 N Market Suite 1000
Wichita Kansas 67202

McClaren 1

Job Ticket: 63646

DST#: 2

ATTN: Bill Klaver

Test Start: 2018.01.06 @ 15:59:37

GENERAL INFORMATION:

Formation: **Altamont**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 18:18:52

Time Test Ended: 23:23:22

Test Type: Conventional Bottom Hole (Reset)

Tester: Leal Cason

Unit No: 74

Interval: 4854.00 ft (KB) To 4900.00 ft (KB) (TVD)

Reference Elevations: 2151.00 ft (KB)

Total Depth: 4900.00 ft (KB) (TVD)

2139.00 ft (CF)

Hole Diameter: 7.80 inches Hole Condition: Good

KB to GR/CF: 12.00 ft

Serial #: 6798

Inside

Press@RunDepth: 28.01 psig @ 4855.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2018.01.06

End Date:

2018.01.06

Last Calib.:

2018.01.06

Start Time:

15:59:38

End Time:

23:23:22

Time On Btm:

2018.01.06 @ 18:17:52

Time Off Btm:

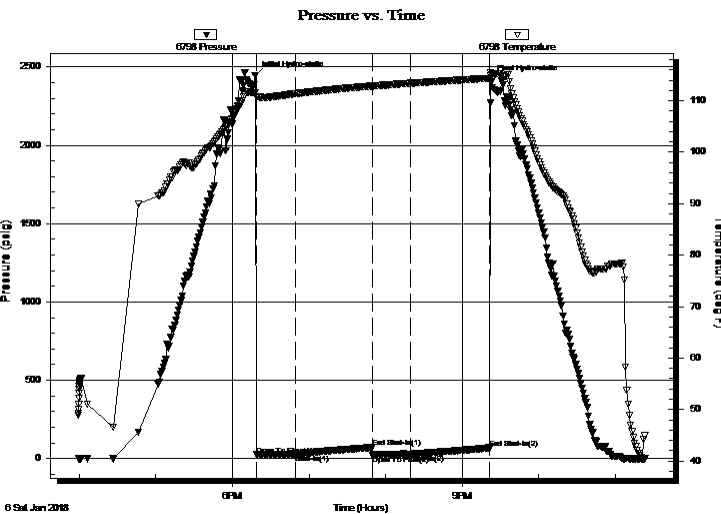
2018.01.06 @ 21:22:07

TEST COMMENT: IF: Weak Blow , Built to 1 3/4 inch

IS: No Blow Back

FF: Weak 1/4 inch Blow

FS: No Blow Back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2446.95	111.53	Initial Hydro-static
1	24.11	110.71	Open To Flow (1)
32	27.91	111.39	Shut-In(1)
92	70.77	112.86	End Shut-In(1)
92	22.72	112.86	Open To Flow (2)
122	28.01	113.40	Shut-In(2)
184	68.46	114.36	End Shut-In(2)
185	2419.58	114.93	Final Hydro-static

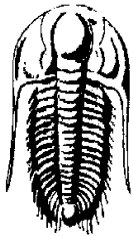
Recovery

Length (ft)	Description	Volume (bbl)
10.00	Mud	0.05

* Recovery from multiple tests

Gas Rates

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



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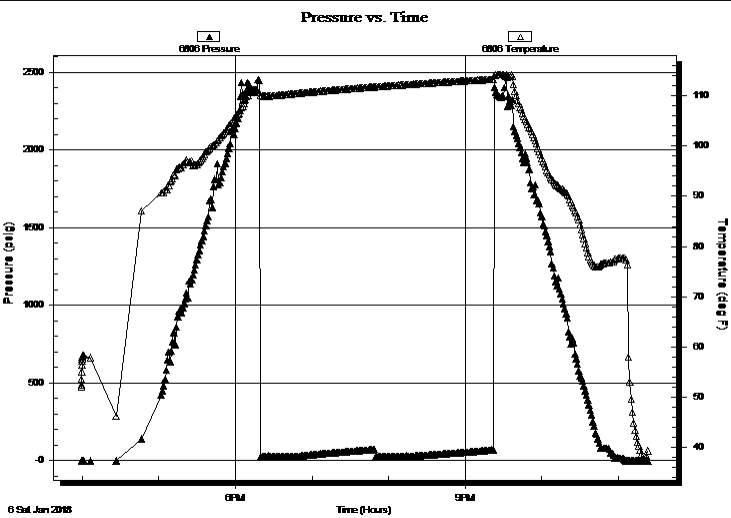
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Time Test Ended: 23:23:22		Unit No: 74
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Total Depth: 4900.00 ft (KB) (TVD)		2139.00 ft (CF)
Hole Diameter: 7.80 inches	Hole Condition: Good	KB to GR/CF: 12.00 ft

Serial #: 6806	Outside			
Press@RunDepth:	psig @	4855.00 ft (KB)	Capacity:	8000.00 psig
Start Date:	2018.01.06	End Date:	2018.01.06	Last Calib.: 2018.01.06
Start Time:	15:59:38	End Time:	23:23:37	Time On Btm:
				Time Off Btm:

TEST COMMENT: IF: Weak Blow , Built to 1 3/4 inch
 IS: No Blow Back
 FF: Weak 1/4 inch Blow
 FS: No Blow Back

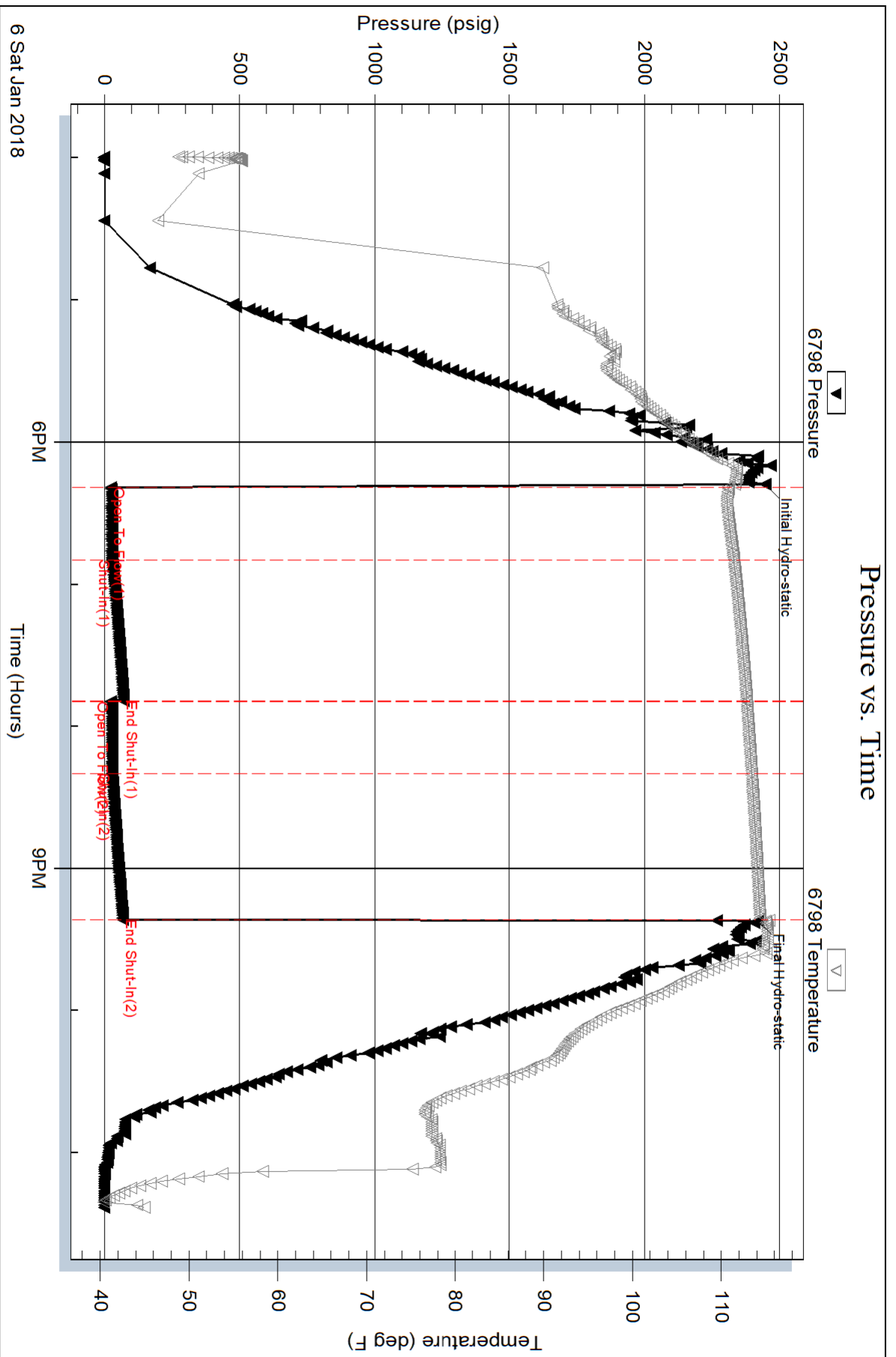


PRESSURE SUMMARY			
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

Recovery		
Length (ft)	Description	Volume (bbl)
10.00	Mud	0.05

* Recovery from multiple tests

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



Serial #: 6806

Outside Woodsey Operating Company LLC

McClaren 1

DST Test Number: 2

