







**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Woolsey Operating Co

**16-31S-6W Harper**

125 N Market Ste 1000  
Wichita, KS 67202

**Bauer 1**

Job Ticket: 65894

**DST#: 4**

ATTN: Bill Klaver

Test Start: 2019.08.11 @ 14:50:00

## Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

33.6 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

68000 ppm

Viscosity: 63.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.59 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4500.00 ppm

Filter Cake: 0.02 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
0.00	3925 GIP	0.000
60.00	MOCW 8%M 20%O 72%W	0.295
119.00	GMWCO 10%G 6%M 24%W 60%O	0.585
78.00	GSY Oil 20%G 80%O	1.094

Total Length: 257.00 ft      Total Volume: 1.974 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: Gravity w as 36.4@88 degrees  
RW w as .12 @ 86 degrees



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**GAS RATES**

Woolsey Operating Co

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**Bauer 1**

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**DST#: 4**

ATTN: Bill Klaver

Test Start: 2019.08.11 @ 14:50:00

### Gas Rates Information

Temperature: 59 (deg F)  
Relative Density: 0.65  
Z Factor: 0.8

Gas Rates Table

Flow Period	Elapsed Time	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
1	20	0.38	24.00	140.67
1	30	0.38	24.00	140.67
2	10	0.38	23.00	137.00
2	20	0.38	27.00	151.66
2	30	0.38	29.00	158.98
2	40	0.38	31.00	166.31
2	50	0.38	31.00	166.31
2	60	0.38	31.00	166.31

# Pressure vs. Time



