



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Berexco, LLC

**1/31S/35W Stevens,KS**

Wichita, KS

**Brown 3-1**

ATTN: Ed Grieves

Job Ticket: 47660

**DST#: 4**

Test Start: 2019.07.23 @ 07:16:00

## GENERAL INFORMATION:

Formation: **Marmaton B**

Deviated: No Whipstock: 2981.00 ft (KB)

Time Tool Opened: 10:47:35

Time Test Ended: 17:58:15

Test Type: Conventional Bottom Hole (Initial)

Tester: Chris Hagman

Unit No: 75

**Interval: 4770.00 ft (KB) To 4787.00 ft (KB) (TVD)**

Reference Elevations: 2981.00 ft (KB)

Total Depth: 4787.00 ft (KB) (TVD)

2969.00 ft (CF)

Hole Diameter: 7.80 inches Hole Condition: Good

KB to GR/CF: 12.00 ft

**Serial #: 8289**

**Inside**

Press@RunDepth: 164.22 psig @ 4772.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2019.07.23

End Date:

2019.07.23

Last Calib.: 1899.12.30

Start Time: 07:16:02

End Time:

17:58:15

Time On Btm: 2019.07.23 @ 10:45:35

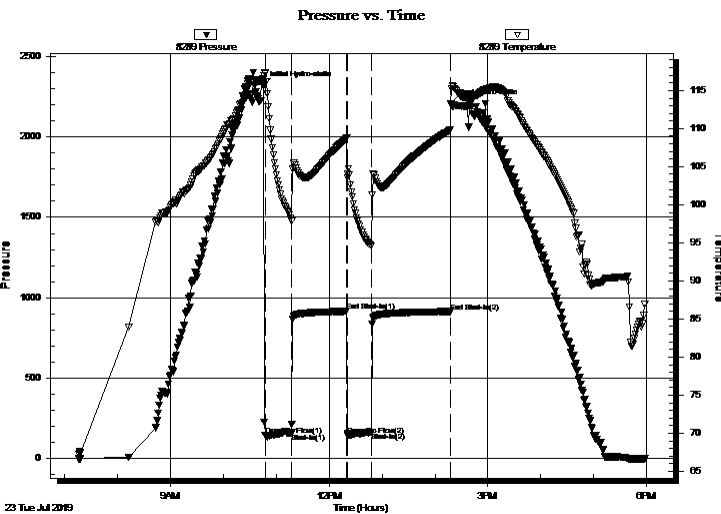
Time Off Btm: 2019.07.23 @ 14:18:05

TEST COMMENT: IF: BOB 15 sec., GTS 4 min., 780 MCF

IS: No blow back

FF: BOB GTS ASAO, 810 MCF

FS: No blow back



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2316.54	116.49	Initial Hydro-static
2	147.38	117.18	Open To Flow (1)
32	158.80	97.91	Shut-In(1)
95	914.55	108.79	End Shut-In(1)
96	144.69	104.06	Open To Flow (2)
123	164.22	94.62	Shut-In(2)
212	914.12	109.87	End Shut-In(2)
213	2204.76	113.19	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
2.00	gassy mud 10%G, 90%M	0.03

## Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.75	31.30	713.83
Last Gas Rate	0.75	41.20	868.46
Max. Gas Rate	0.75	41.20	868.46



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Hole Diameter: 7.80 inches Hole Condition: Good

Test Type: Conventional Bottom Hole (Initial)

Tester: Chris Hagman

Unit No: 75

Reference Elevations: 2981.00 ft (KB)

2969.00 ft (CF)

KB to GR/CF: 12.00 ft

**Serial #: 6672 Outside**

Press@RunDepth: psig @ 4772.00 ft (KB)

Start Date: 2019.07.23 End Date: 2019.07.23

Start Time: 07:16:02 End Time: 17:58:04

Capacity: 8000.00 psig

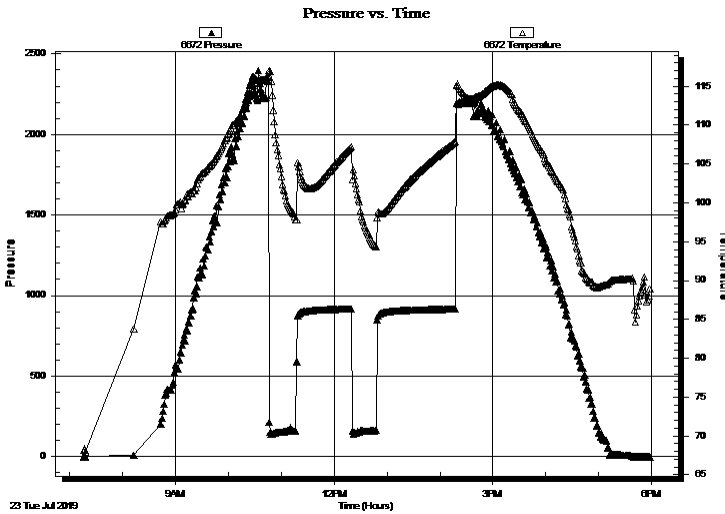
Last Calib.: 1899.12.30

Time On Btm:

Time Off Btm:

**TEST COMMENT:** IF: BOB 15 sec., GTS 4 min., 780 MCF  
IS: No blow back  
FF: BOB GTS ASAO, 810 MCF  
FS: No blow back

## PRESSURE SUMMARY



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

## Recovery

Length (ft)	Description	Volume (bbl)
2.00	gassy mud 10%G, 90%M	0.03

## Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.75	31.30	713.83
Last Gas Rate	0.75	41.20	868.46
Max. Gas Rate	0.75	41.20	868.46



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# DRILL STEM TEST REPORT

## FLUID SUMMARY

Berexco, LLC

1/31S/35W Stevens,KS

Wichita, KS

**Brown 3-1**

Job Ticket: 47660

**DST#: 4**

ATTN: Ed Grieves

Test Start: 2019.07.23 @ 07:16:00

### 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: 58.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.99 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3700.00 ppm

Filter Cake: inches

### Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
2.00	gassy mud 10%G, 90%M	0.028

Total Length: 2.00 ft      Total Volume: 0.028 bbl

Num Fluid Samples: 1

Num Gas Bombs: 1

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

### Pressure vs. Time

