



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Darrah Oil Company LLC

**14-9s-22w Graham KS**

125 N Market Suite 1425  
Wichita KS 67202+1720

**Van Loenen**

Job Ticket: 65991

**DST#: 2**

ATTN: Wyatt Urban

Test Start: 2019.09.10 @ 14:00:00

## GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 16:01:02

Time Test Ended: 18:49:17

Test Type: Conventional Straddle (Reset)

Tester: Spencer J Staab

Unit No: 84

**Interval: 3866.00 ft (KB) To 3875.00 ft (KB) (TVD)**

Total Depth: 3935.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2035.00 ft (KB)

2030.00 ft (CF)

KB to GR/CF: 5.00 ft

**Serial #: 8372**

**Inside**

Press@RunDepth: 36.65 psig @ 3867.00 ft (KB)

Start Date: 2019.09.10

End Date:

2019.09.10

Start Time: 14:00:01

End Time:

18:49:17

Capacity: psig

Last Calib.: 2019.09.10

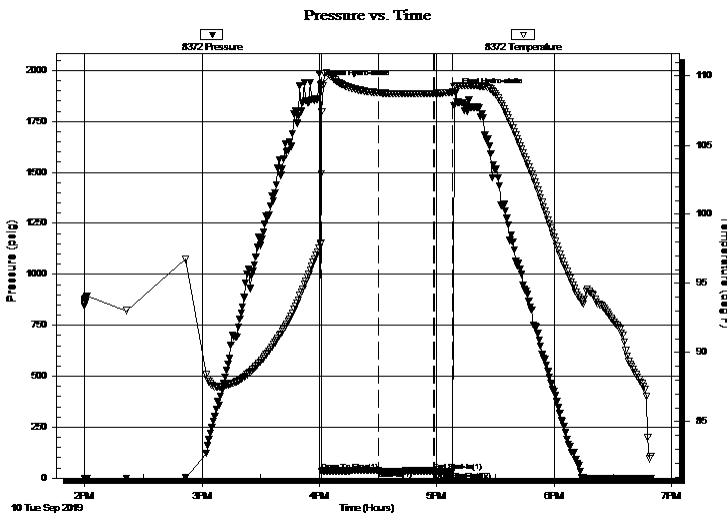
Time On Btm: 2019.09.10 @ 16:00:47

Time Off Btm: 2019.09.10 @ 17:09:32

TEST COMMENT: 30-IF-Weak; 2" Died to 3/4"

30-ISI-No Return

5-FF-No Blow ; Pulled Tool



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1931.91	97.93	Initial Hydro-static
1	32.86	102.93	Open To Flow (1)
30	36.65	108.80	Shut-In(1)
58	35.09	108.75	End Shut-In(1)
58	32.90	108.75	Open To Flow (2)
68	34.28	108.85	Shut-In(2)
69	1889.37	109.31	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
25.00	OSM 100%M	0.12

## Gas Rates

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

\* Recovery from multiple tests





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## 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: 57.00 sec/qt

Cushion Volume:

bbbl

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

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3000.00 ppm

Filter Cake: inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
25.00	OSM 100%M	0.123

Total Length: 25.00 ft      Total Volume: 0.123 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: 3#LCM

