



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Darrah, John Jay Jr

**32/20S/13W/Barton**

PO Box 2786  
Wichita, Kansas  
67201+2786

**Gaunt-Wright # 1-32**

Job Ticket: 62644

**DST#: 3**

ATTN: Seth Evenson

Test Start: 2017.09.20 @ 20:46:00

## GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 22:05:02

Time Test Ended: 02:48:02

Test Type: Conventional Bottom Hole (Initial)

Tester: Ken Swinney

Unit No: 72 Great Bend/ 18

**Interval: 3538.00 ft (KB) To 3558.00 ft (KB) (TVD)**

Reference Elevations: 1907.00 ft (KB)

Total Depth: 3558.00 ft (KB) (TVD)

1900.00 ft (CF)

Hole Diameter: 7.80 inches Hole Condition: Fair

KB to GR/CF: 7.00 ft

**Serial #: 6755 Inside**

Press@RunDepth: 65.91 psig @ 3539.00 ft (KB)

Capacity: psig

Start Date: 2017.09.20

End Date: 2017.09.21

Last Calib.: 2017.09.20

Start Time: 20:46:01

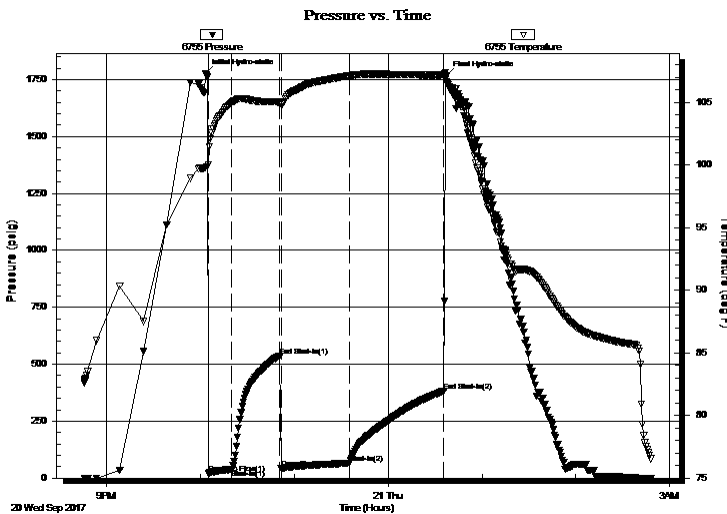
End Time: 02:48:02

Time On Btm: 2017.09.20 @ 22:03:17

Time Off Btm: 2017.09.21 @ 00:37:17

**TEST COMMENT:** I.F. 15 Minutes/ Blow built to BOB in 5 minutes  
I.S.I. 30 Minutes/ Light surface blow back  
F.F. 45 Minutes/ Blow built to BOB in 8 minutes  
F.S.I. 60 Minutes/ Blow back built to 1 inch

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1776.81	99.78	Initial Hydro-static
2	20.48	100.03	Open To Flow (1)
17	39.07	104.98	Shut-In(1)
48	536.60	105.00	End Shut-In(1)
49	43.12	104.87	Open To Flow (2)
92	65.91	107.14	Shut-In(2)
153	382.24	107.24	End Shut-In(2)
154	1765.13	106.70	Final Hydro-static

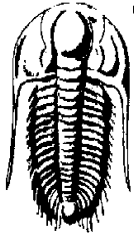
## Recovery

Length (ft)	Description	Volume (bbl)
62.00	Mud cut Gassy Oil/ Mud10% Gas40% Oil	0.87
62.00	Mud cut Oily Gas/ Mud 15% Oil25% Gas	0.87
30.00	Gassy Oil/ Gas 20% Oil 80%	0.42
0.00	713 feet of GIP	0.00

## Gas Rates

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





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**FLUID SUMMARY**

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Test Start: 2017.09.20 @ 20:46:00

## Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

39 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 54.00 sec/qt

Cushion Volume:

bbbl

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

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: ppm

Filter Cake: inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
62.00	Mud cut Gassy Oil/ Mud10% Gas40% Oil50%	0.870
62.00	Mud cut Oily Gas/ Mud 15% Oil25% Gas60%	0.870
30.00	Gassy Oil/ Gas 20% Oil 80%	0.421
0.00	713 feet of GIP	0.000

Total Length: 154.00 ft

Total Volume: 2.161 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

### Pressure vs. Time

