



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Darrah, John Jay, JR.

4/17S/10E Lyon, Ks

P.O. Box 2786
Wichita, Ks
67201

Lee #1

Job Ticket: 63087

DST#: 2

ATTN: Will Darrah

Test Start: 2016.11.13 @ 10:52:00

GENERAL INFORMATION:

Formation: **Hunton**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 13:19:15

Time Test Ended: 17:51:45

Test Type: Conventional Bottom Hole (Initial)

Tester: Jimmy Ricketts

Unit No: 80

Interval: 2840.00 ft (KB) To 2860.00 ft (KB) (TVD)

Reference Elevations: 1255.00 ft (KB)

Total Depth: 2860.00 ft (KB) (TVD)

1246.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 9.00 ft

Serial #: 6798

Press @ Run Depth: 61.95 psig @ ft (KB)

Capacity: 8000.00 psig

Start Date: 2016.11.13

End Date: 2016.11.13

Last Calib.: 1899.12.30

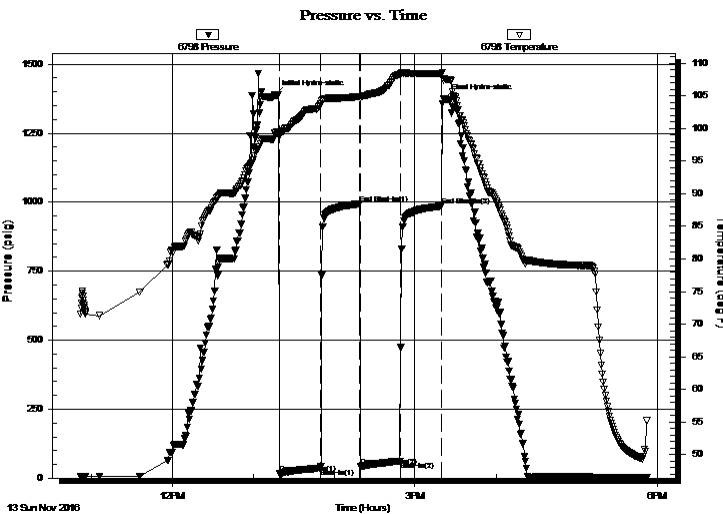
Start Time: 10:52:05

End Time: 17:51:44

Time On Btm: 2016.11.13 @ 13:16:45

Time Off Btm: 2016.11.13 @ 15:21:45

TEST COMMENT: IF - Weak blow building to 3 inches initial flow period.
FF - Weak blow building to 2 inches final flow period.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1388.74	99.41	Initial Hydro-static
3	16.05	98.83	Open To Flow (1)
34	36.69	103.79	Shut-In(1)
62	994.27	104.93	End Shut-In(1)
63	41.49	104.68	Open To Flow (2)
93	61.95	108.28	Shut-In(2)
123	987.34	108.45	End Shut-In(2)
125	1375.56	107.64	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
105.00	Oil cut mud 3% O & 97% M	0.52

Gas Rates

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



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Reference Elevations: 1255.00 ft (KB)

Total Depth: 2860.00 ft (KB) (TVD)

1246.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 9.00 ft

Serial #: 9124

Press @ Run Depth: psig @ ft (KB)

Capacity: 8000.00 psig

Start Date: 2016.11.13 End Date: 2016.11.13

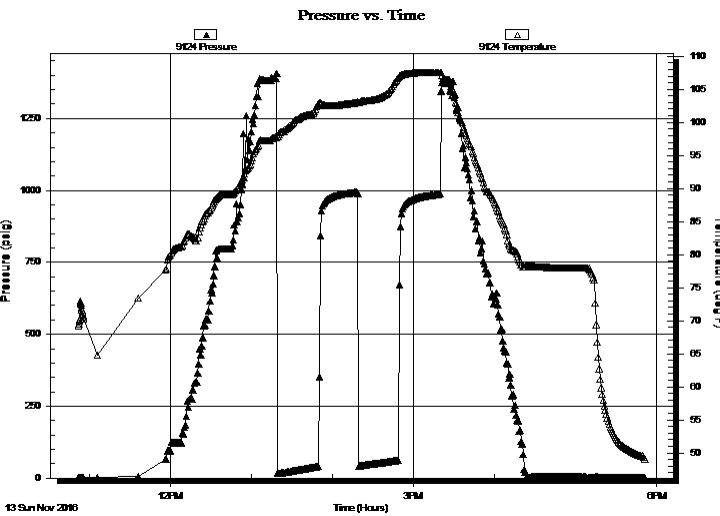
Last Calib.: 1899.12.30

Start Time: 10:52:05 End Time: 17:51:29

Time On Btm:

Time Off Btm:

TEST COMMENT: IF - Weak blow building to 3 inches initial flow period.
 FF - Weak blow building to 2 inches final flow period.



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
105.00	Oil cut mud 3% O & 97% M	0.52

Gas Rates

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



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TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Darrah, John Jay, JR.

4/17S/10E Lyon, Ks

P.O. Box 2786
Wichita, Ks
67201

Lee #1

Job Ticket: 63087

DST#: 2

ATTN: Will Darrah

Test Start: 2016.11.13 @ 10:52:00

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: 46.00 sec/qt

Cushion Volume:

bbbl

Water Loss: in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
105.00	Oil cut mud 3% O & 97% M	0.516

Total Length: 105.00 ft Total Volume: 0.516 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

