



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

LaVeta Oil & Gas LLC

1/23S/12W/Stafford

305 N Buffalo
Stafford, Kansas
67578

Figger #1

Job Ticket: 62650

DST#: 2

ATTN: Bruce Reed

Test Start: 2017.10.10 @ 08:29:00

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 10:43:02

Time Test Ended: 13:45:02

Test Type: Conventional Bottom Hole (Initial)

Tester: Ken Swinney

Unit No: 72 Great Bend/58

Interval: 3540.00 ft (KB) To 3545.00 ft (KB) (TVD)

Reference Elevations: 1825.00 ft (KB)

Total Depth: 3545.00 ft (KB) (TVD)

1816.00 ft (CF)

Hole Diameter: 7.80 inches Hole Condition: Fair

KB to GR/CF: 9.00 ft

Serial #: 6755 Inside

Press@RunDepth: 15.36 psig @ 3541.00 ft (KB)

Capacity: psig

Start Date: 2017.10.10

End Date: 2017.10.10

Last Calib.: 2017.10.10

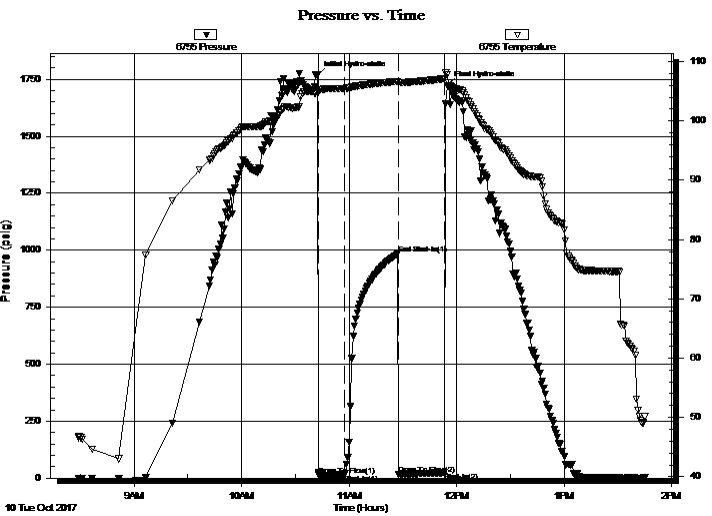
Start Time: 08:29:01

End Time: 13:45:02

Time On Btm: 2017.10.10 @ 10:42:02

Time Off Btm: 2017.10.10 @ 11:54:47

TEST COMMENT: I.F. 15 Minutes/ On and off surface blow throughout
I.S.I. 30 Minutes/ No blow back
F.F. 25 Minutes/ Blow built to 1 inch then died to 1/2 inch/ Pull test



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1767.47	104.75	Initial Hydro-static
1	14.33	105.01	Open To Flow (1)
16	15.36	105.50	Shut-In(1)
46	985.60	106.64	End Shut-In(1)
46	17.52	106.47	Open To Flow (2)
72	23.84	107.13	Shut-In(2)
73	1720.71	107.80	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
15.00	WMC Emuls O Water 15% Mud 15% Emul	0.21
30.00	Clean Oil 100%	0.42
0.00	75 feet of GIP	0.00

Gas Rates

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



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Reference Elevations: 1825.00 ft (KB)

Total Depth: 3545.00 ft (KB) (TVD)

1816.00 ft (CF)

Hole Diameter: 7.80 inches Hole Condition: Fair

KB to GR/CF: 9.00 ft

Serial #: 8322 Outside

Press@RunDepth: 987.20 psig @ 3542.00 ft (KB)

Capacity: psig

Start Date: 2017.10.10

End Date: 2017.10.10

Last Calib.: 2017.10.10

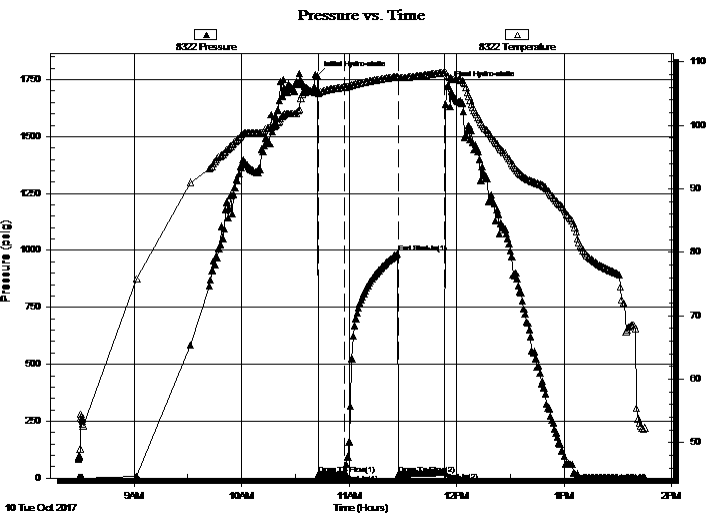
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TEST COMMENT: I.F. 15 Minutes/ On and off surface blow throughout
I.S.I. 30 Minutes/ No blow back
F.F. 25 Minutes/ Blow built to 1 inch then died to 1/2 inch/ Pull test



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1768.92	105.28	Initial Hydro-static
1	17.04	105.10	Open To Flow (1)
16	16.85	106.03	Shut-In(1)
46	987.20	107.65	End Shut-In(1)
46	18.70	107.49	Open To Flow (2)
72	25.22	108.32	Shut-In(2)
73	1722.01	107.88	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
15.00	WMC Emuls O Water 15% Mud 15% Emul	0.21
30.00	Clean Oil 100%	0.42
0.00	75 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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1/23S/12W/Stafford

305 N Buffalo
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67578

Figger #1

Job Ticket: 62650

DST#: 2

ATTN: Bruce Reed

Test Start: 2017.10.10 @ 08:29:00

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: 42.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.39 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3500.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
15.00	WMC Emuls O Water 15% Mud 15% Emuls Oil	0.210
30.00	Clean Oil 100%	0.421
0.00	75 feet of GIP	0.000

Total Length: 45.00 ft Total Volume: 0.631 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

