



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

Dixon Operating Company LLC

**3/23S/12W/Stafford**

8100 E 22nd Street North  
Building 300 Suite 200  
Wichita, Kansas 67226  
ATTN: Chuck Shmaltz

**Byer 1-3**

Job Ticket: 64797

**DST#: 3**

Test Start: 2017.06.29 @ 08:15:00

## GENERAL INFORMATION:

Formation: **Viola**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 10:03:30

Time Test Ended: 15:56:30

Test Type: Conventional Bottom Hole (Initial)

Tester: Ken Swinney

Unit No: 72 Great Bend/ 60

**Interval: 3538.00 ft (KB) To 3625.00 ft (KB) (TVD)**

Reference Elevations: 1839.00 ft (KB)

Total Depth: 3625.00 ft (KB) (TVD)

1831.00 ft (CF)

Hole Diameter: 7.80 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

**Serial #: 8354 Inside**

Press@RunDepth: 77.94 psig @ 3539.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2017.06.29

End Date: 2017.06.29

Last Calib.: 2017.06.29

Start Time: 08:15:05

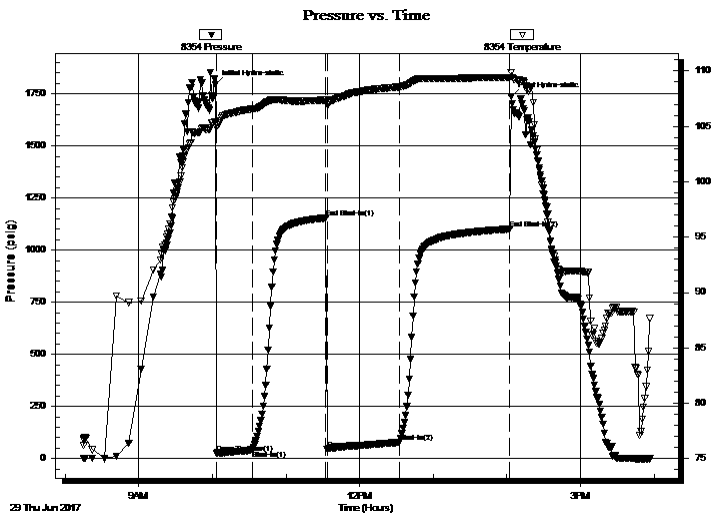
End Time: 15:56:29

Time On Btm: 2017.06.29 @ 10:02:30

Time Off Btm: 2017.06.29 @ 14:03:30

**TEST COMMENT:** I.F. 30 Minutes/ Blow built to bottom of bucket in 9 minutes  
I.S.I. 60 Minutes/ Surface blow back died in 8 minutes  
F.F. 60 Minutes/ Blow built to bottom of bucket in 30 seconds  
F.S.I. 90 Minutes/ Blow back built to 2 1/2 inches then died at 27 minutes

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1793.83	105.43	Initial Hydro-static
1	25.90	104.89	Open To Flow (1)
30	40.04	106.57	Shut-In(1)
90	1153.95	107.37	End Shut-In(1)
91	45.93	106.94	Open To Flow (2)
150	77.94	108.56	Shut-In(2)
240	1101.57	109.43	End Shut-In(2)
241	1736.05	109.86	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
62.00	Mud & Oil cut Gas	0.87
0.00	Mud 5% Oil 5% Gas 90%	0.00
93.00	Oil cut Muddy Gas	1.30
0.00	Oil 5% Mud 20% Gas 75%	0.00
0.00	1953 feet GIP	0.00

## Gas Rates

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



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Reference Elevations: 1839.00 ft (KB)

Total Depth: 3625.00 ft (KB) (TVD)

1831.00 ft (CF)

Hole Diameter: 7.80 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

**Serial #: 8960 Outside**

Press@RunDepth: 1100.15 psig @ 3540.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2017.06.29

End Date: 2017.06.29

Last Calib.: 2017.06.29

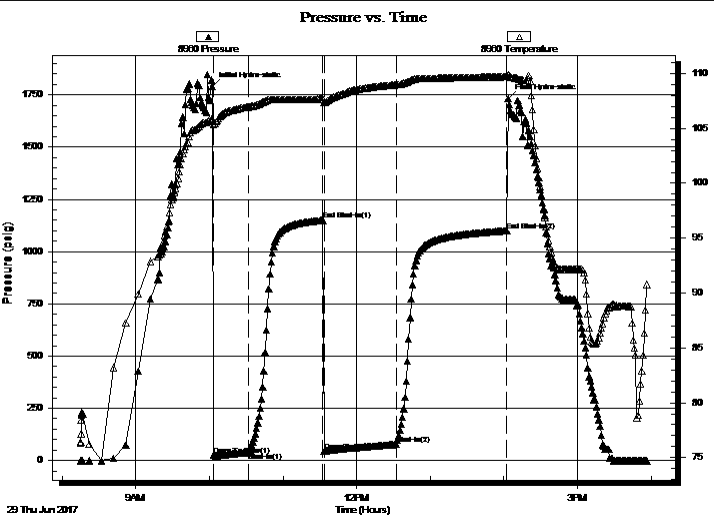
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## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1790.35	105.87	Initial Hydro-static
1	23.14	105.37	Open To Flow (1)
30	38.48	106.95	Shut-In(1)
90	1150.09	107.67	End Shut-In(1)
91	43.72	107.36	Open To Flow (2)
150	77.48	108.97	Shut-In(2)
240	1100.15	109.70	End Shut-In(2)
241	1732.38	109.91	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
62.00	Mud & Oil cut Gas	0.87
0.00	Mud 5% Oil 5% Gas 90%	0.00
93.00	Oil cut Muddy Gas	1.30
0.00	Oil 5% Mud 20% Gas 75%	0.00
0.00	1953 feet GIP	0.00

## Gas Rates

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



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**FLUID SUMMARY**

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**Byer 1-3**

Job Ticket: 64797

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## Mud and Cushion Information

Mud Type: Gel Chem  
Mud Weight: 10.00 lb/gal  
Viscosity: 62.00 sec/qt  
Water Loss: 9.39 in<sup>3</sup>  
Resistivity: ohm.m  
Salinity: 6400.00 ppm  
Filter Cake: 2.00 inches

Cushion Type:  
Cushion Length: ft  
Cushion Volume: bbl  
Gas Cushion Type:  
Gas Cushion Pressure: psig

Oil API: deg API  
Water Salinity: ppm

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
62.00	Mud & Oil cut Gas	0.870
0.00	Mud 5% Oil 5% Gas 90%	0.000
93.00	Oil cut Muddy Gas	1.305
0.00	Oil 5% Mud 20% Gas 75%	0.000
0.00	1953 feet GIP	0.000

Total Length: 155.00 ft      Total Volume: 2.175 bbl

Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:

Laboratory Name:      Laboratory Location:

Recovery Comments:

