



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: 64798

DST#: 4

Test Start: 2017.06.29 @ 22:24:00

GENERAL INFORMATION:

Formation: **Viola**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Initial)
 Time Tool Opened: 23:58:30 Tester: Ken Swinney
 Time Test Ended: 05:47:00 Unit No: 72 Great Bend/ 60
 Interval: **3626.00 ft (KB) To 3655.00 ft (KB) (TVD)** Reference Elevations: 1839.00 ft (KB)
 Total Depth: 3655.00 ft (KB) (TVD) 1831.00 ft (CF)
 Hole Diameter: 7.80 inches Hole Condition: Fair KB to GR/CF: 8.00 ft

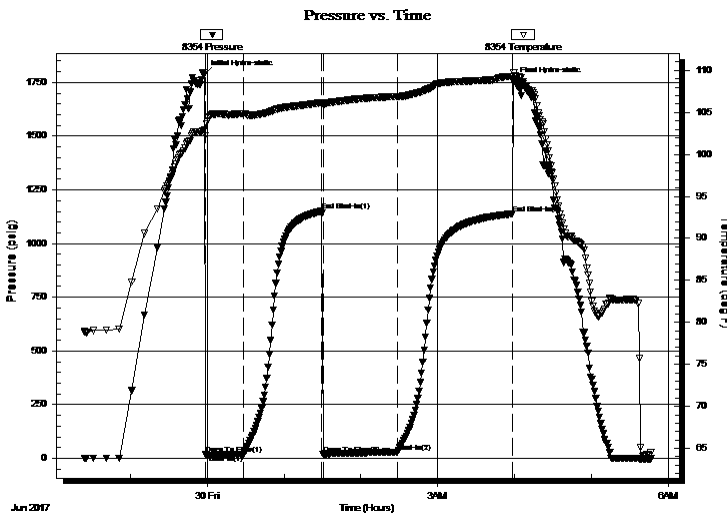
Serial #: 8354

Inside

Press@RunDepth: 29.14 psig @ 3651.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2017.06.29 End Date: 2017.06.30 Last Calib.: 2017.06.30
 Start Time: 22:24:05 End Time: 05:46:59 Time On Btm: 2017.06.29 @ 23:57:30
 Time Off Btm: 2017.06.30 @ 03:59:30

TEST COMMENT: I.F. 30 Minutes/ Blow built to BOB in 9 minutes
 I.S.I. 60 Minutes/ No blow back
 F.F. 60 Minutes/ Blow built to BOB in 30 seconds
 F.S.I. 90 Minutes/ No blow back

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1786.13	102.98	Initial Hydro-static
1	20.25	102.22	Open To Flow (1)
31	18.44	104.86	Shut-In(1)
92	1150.58	106.16	End Shut-In(1)
93	19.57	105.93	Open To Flow (2)
151	29.14	106.88	Shut-In(2)
241	1138.39	109.24	End Shut-In(2)
242	1752.31	109.76	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
50.00	Gas cut oily mud/ gas 10 oil 30 mud 60	0.70
0.00	1488 feet of GIP	0.00

Gas Rates

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



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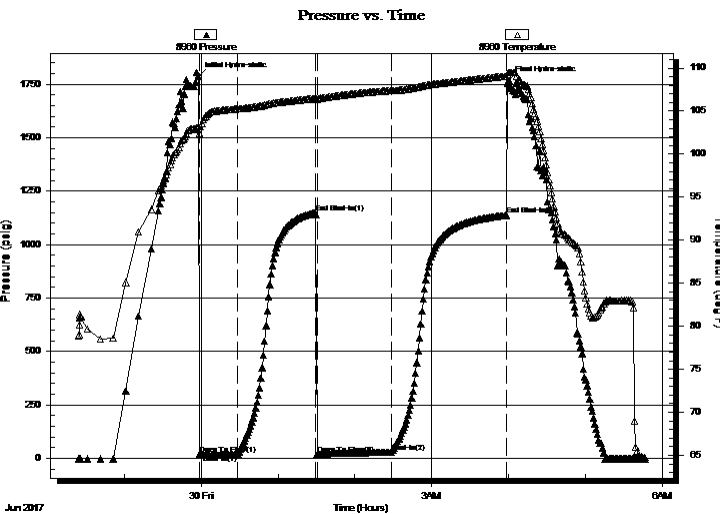
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 Hole Diameter: 7.80 inches Hole Condition: Fair KB to GR/CF: 8.00 ft

Serial #: 8960 Outside
 Press@RunDepth: 1137.04 psig @ 3652.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2017.06.29 End Date: 2017.06.30 Last Calib.: 2017.06.30
 Start Time: 22:24:05 End Time: 05:46:59 Time On Btm: 2017.06.29 @ 23:57:30
 Time Off Btm: 2017.06.30 @ 04:00:00

TEST COMMENT: I.F. 30 Minutes/ Blow built to BOB in 9 minutes
 I.S.I. 60 Minutes/ No blow back
 F.F. 60 Minutes/ Blow built to BOB in 30 seconds
 F.S.I. 90 Minutes/ No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1784.41	103.19	Initial Hydro-static
1	18.65	102.43	Open To Flow (1)
31	17.90	105.26	Shut-In(1)
92	1149.55	106.49	End Shut-In(1)
93	18.61	106.34	Open To Flow (2)
151	29.03	107.39	Shut-In(2)
241	1137.04	109.04	End Shut-In(2)
243	1768.03	109.45	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
50.00	Gas cut oily mud/ gas 10 oil 30 mud 60	0.70
0.00	1488 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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Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 10.00 lb/gal
Viscosity: 62.00 sec/qt
Water Loss: 9.39 in³
Resistivity: ohm.m
Salinity: 6200.00 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
50.00	Gas cut oily mud/ gas 10 oil 30 mud 60	0.701
0.00	1488 feet of GIP	0.000

Total Length: 50.00 ft Total Volume: 0.701 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time

