



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Dixon Operating Co LLC

35-23s-11w Stafford

8100 E.22nd St N
Bldg 300 Suite 200
Wichita Ks 67226
ATTN: TJ Dixon , Chuck Sch

Arderly #1-35

Job Ticket: 93966

DST#: 3

Test Start: 2017.06.20 @ 08:26:03

GENERAL INFORMATION:

Formation: **Viola "B"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 10:26:58

Time Test Ended: 17:20:13

Test Type: Conventional Bottom Hole (Reset)

Tester: Ray Schwager

Unit No: 77

Interval: 3740.00 ft (KB) To 3770.00 ft (KB) (TVD)

Reference Elevations: 1812.00 ft (KB)

Total Depth: 3770.00 ft (KB) (TVD)

1804.00 ft (CF)

Hole Diameter: 7.85 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

Serial #: 8360

Inside

Press@RunDepth: 406.38 psig @ 3742.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2017.06.20

End Date:

2017.06.20

Last Calib.:

2017.06.20

Start Time:

08:26:03

End Time:

17:20:13

Time On Btm:

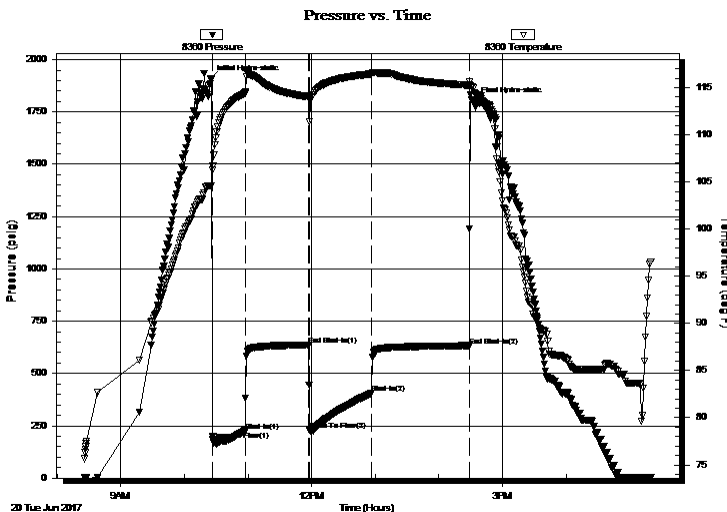
2017.06.20 @ 10:24:58

Time Off Btm:

2017.06.20 @ 14:33:27

TEST COMMENT: 30-IFP-BOB , GTS in 8 min
60-ISIP-bl bk , BOB in 20min
60-FFP-BOB , GTS
90-ISIP-bl bk , BOB

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1906.92	104.64	Initial Hydro-static
2	182.91	106.71	Open To Flow (1)
33	226.50	114.41	Shut-In(1)
93	636.40	114.02	End Shut-In(1)
93	227.87	111.37	Open To Flow (2)
152	406.38	116.45	Shut-In(2)
244	632.54	115.26	End Shut-In(2)
249	1801.31	114.51	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
90.00	O&GCM 20%O20%G60%M	1.26
248.00	GM&WCO 35%G15%W15%M35%O	3.48
124.00	OCW 6%O94%W	1.74
496.00	Water	6.96

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.50	20.00	232.05
Last Gas Rate	0.25	6.00	32.36
Max. Gas Rate	0.50	20.00	232.05

* Recovery from multiple tests



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FLUID SUMMARY

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Artery #1-35

Job Ticket: 93966

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ATTN: TJ Dixon , Chuck Sch

Test Start: 2017.06.20 @ 08:26:03

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:

95000 ppm

Viscosity: 47.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.32 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 6600.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
90.00	O&GCM 20%O20%G60%M	1.262
248.00	GM&WCO 35%G15%W15%M35%O	3.479
124.00	OCW 6%O94%W	1.739
496.00	Water	6.958

Total Length: 958.00 ft Total Volume: 13.438 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW .08@70F



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GAS RATES

Dixon Operating Co LLC

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Artery #1-35

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ATTN: TJ Dixon , Chuck Sch

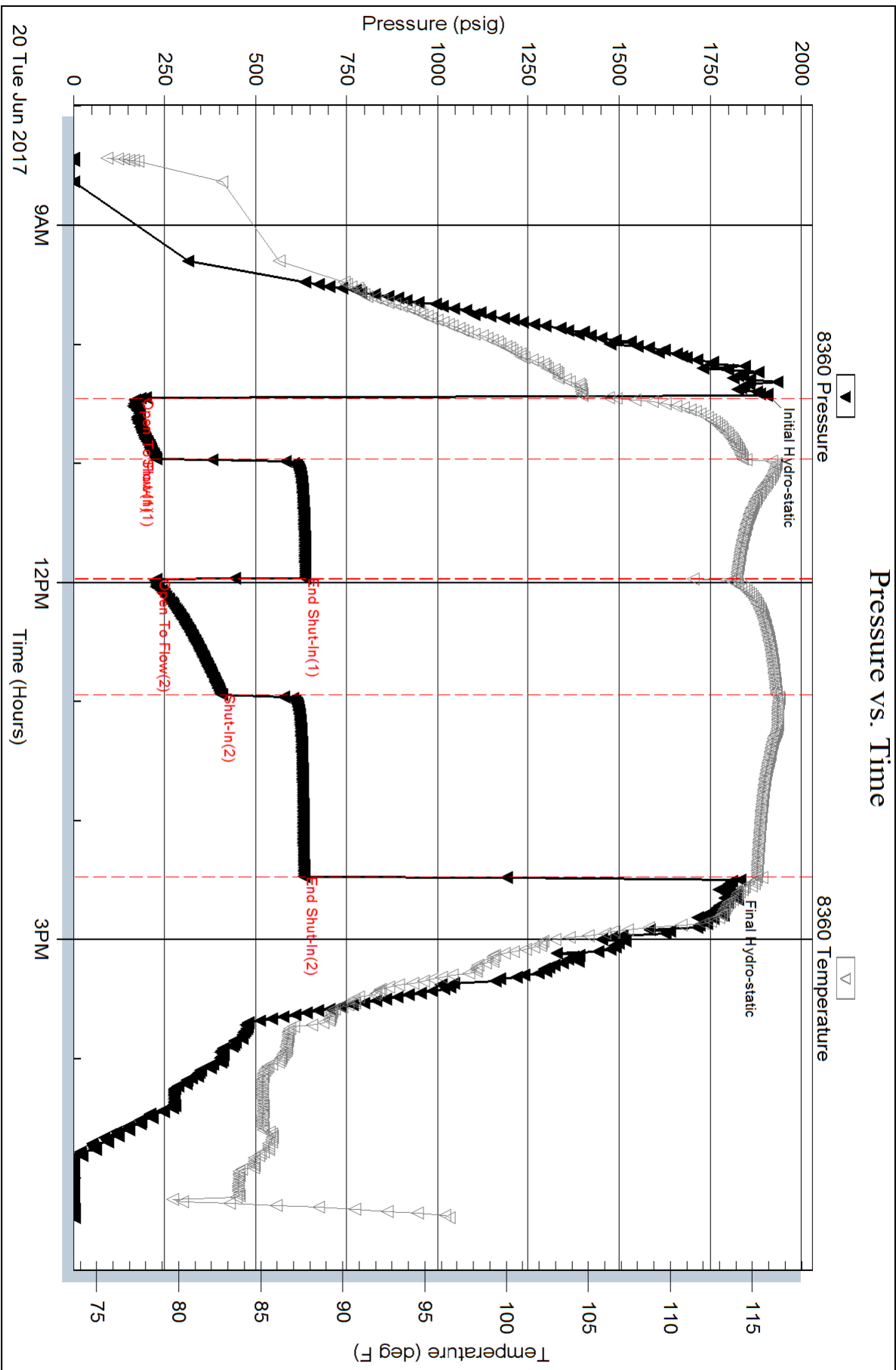
Test Start: 2017.06.20 @ 08:26:03

Gas Rates Information

Temperature: 59 (deg F)
Relative Density: 0.65
Z Factor: 0.8

Gas Rates Table

Flow Period	Elapsed Time	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
1	10	0.50	20.00	232.05
1	20	0.50	20.00	232.05
1	30	0.50	12.00	178.09
2	10	0.25	9.00	37.12
2	20	0.25	12.00	41.88
2	30	0.25	12.00	41.88
2	40	0.25	8.00	35.54
2	50	0.25	6.00	32.36
2	60	0.25	6.00	32.36



Serial #: 6751

Outside Dixon Operating Co LLC

Ardery #1-35

DST Test Number: 3

