

TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Victory Operating Inc.

28-26s-15w Pratt Ks.

6 N. Scottsdale
Wichita Ks. 67230

Hamilton #2-28

Job Ticket: 57857

DST#: 1

ATTN: Logan Walker

Test Start: 2014.09.25 @ 18:34:29

GENERAL INFORMATION:

Formation: **Lansing**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 20:36:59

Time Test Ended: 00:47:29

Test Type: Conventional Bottom Hole (Initial)

Tester: Gary Pevoteaux

Unit No: 56

Interval: **3925.00 ft (KB) To 3945.00 ft (KB) (TVD)**

Total Depth: 3945.00 ft (KB) (TVD)

Hole Diameter: 7.79 inches Hole Condition: Fair

Reference Elevations: 2056.00 ft (KB)

2047.00 ft (CF)

KB to GR/CF: 9.00 ft

Serial #: 8352 Outside

Press@RunDepth: 27.48 psig @ 3926.00 ft (KB)

Start Date: 2014.09.25

End Date:

2014.09.26

Capacity: 8000.00 psig

Last Calib.: 2014.09.26

Start Time: 18:34:34

End Time:

00:47:28

Time On Btm: 2014.09.25 @ 20:35:59

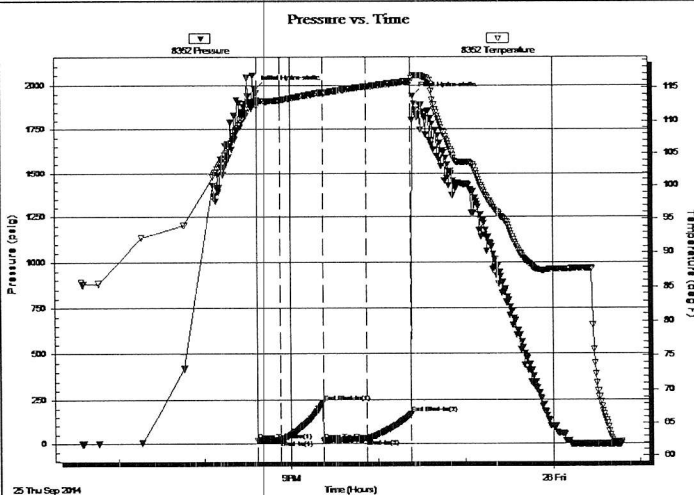
Time Off Btm: 2014.09.25 @ 22:23:59

TEST COMMENT: IF:Weak blow . 1/2 - 1 1/2".

ISI:No blow .

FF:WEak blow . 1 - 2 1/2".

FSI:No blow .



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1976.70	112.99	Initial Hydro-static
1	17.11	112.25	Open To Flow (1)
17	20.22	113.18	Shut-In(1)
46	234.29	114.31	End Shut-In(1)
47	18.47	114.23	Open To Flow (2)
76	27.48	115.15	Shut-In(2)
107	173.29	115.93	End Shut-In(2)
108	1940.95	116.60	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
25.00	Mud w / o specs	0.12
0.00	60 ft.of GIP	0.00

Gas Rates

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Victory Operating Inc.

28-26s-15w Pratt Ks.

6 N. Scottsdale
Wichita Ks. 67230

Hamilton #2-28

Job Ticket: 57857

DST#: 1

ATTN: Logan Walker

Test Start: 2014.09.25 @ 18:34:29

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:

5000 ppm

Viscosity: 71.00 sec/qt

Cushion Volume:

bbl

Water Loss: in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 5000.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
25.00	Mud w / o specs	0.123
0.00	60 ft.of GIP	0.000

Total Length: 25.00 ft

Total Volume: 0.123 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #: none

Laboratory Name:

Laboratory Location:

Recovery Comments:

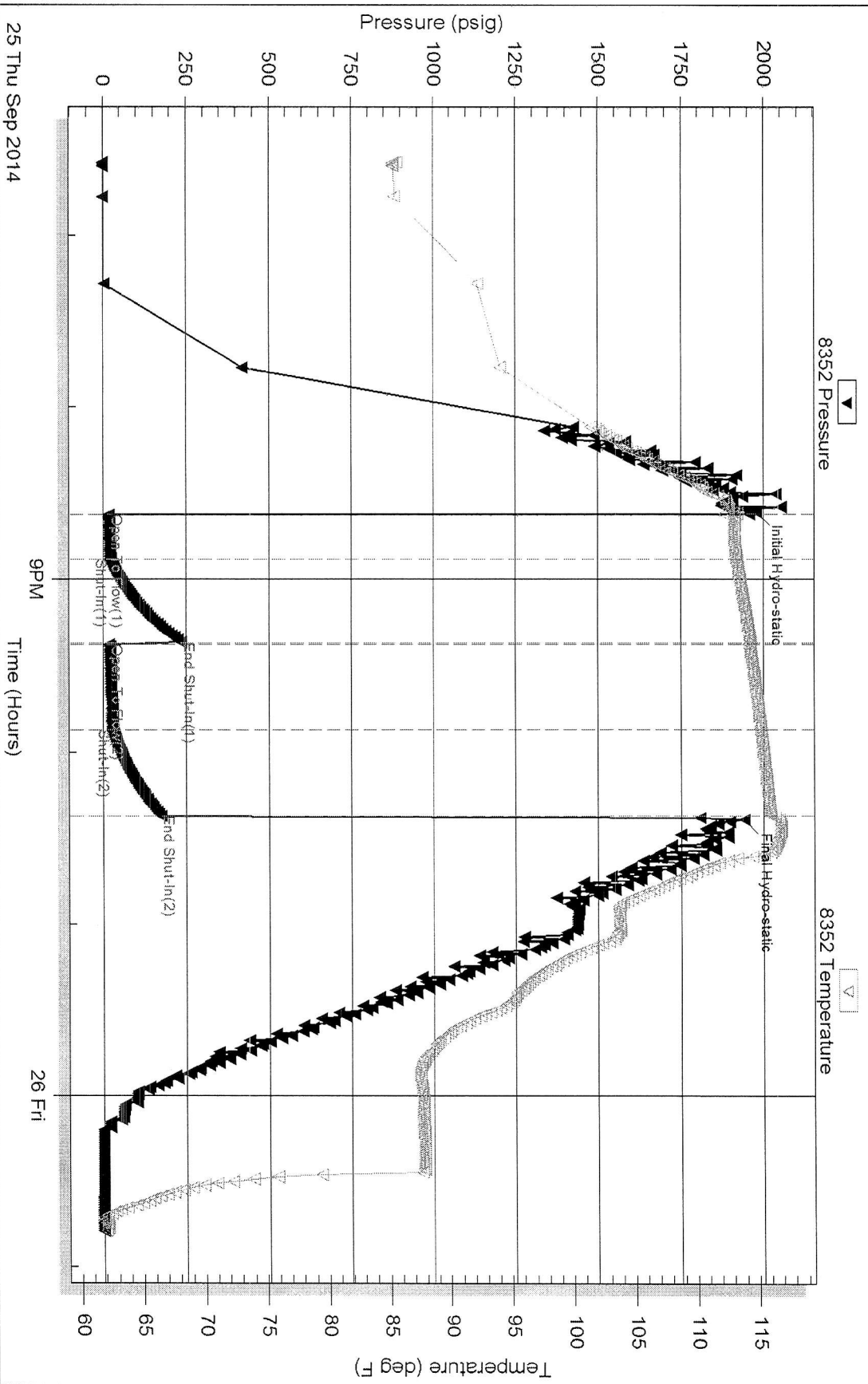
Serial #: 8352

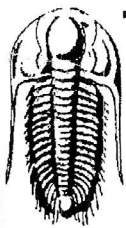
Outside Victory Operating Inc.

Hamilton #2-28

DST Test Number: 1

Pressure vs. Time





TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Victory Operating Inc.

6 N. Scottsdale
Wichita Ks. 67230

ATTN: Logan Walker

28-26s-15w Pratt Ks.

Hamilton #2-28

Job Ticket: 57858

DST#: 2

Test Start: 2014.09.26 @ 14:11:57

GENERAL INFORMATION:

Formation: **Lans. H**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 16:32:42

Time Test Ended: 22:50:27

Test Type: Conventional Bottom Hole (Reset)

Tester: Gary Pevoteaux

Unit No: 56

Interval: **4048.00 ft (KB) To 4077.00 ft (KB) (TVD)**

Total Depth: 4077.00 ft (KB) (TVD)

Hole Diameter: 7.79 inches Hole Condition: Fair

Reference Elevations: 2056.00 ft (KB)

2047.00 ft (CF)

KB to GR/CF: 9.00 ft

Serial #: 8352

Outside

Press@RunDepth: 96.85 psig @ 4049.00 ft (KB)

Start Date: 2014.09.26

End Date:

2014.09.26

Start Time: 14:12:02

End Time:

22:50:27

Capacity: 8000.00 psig

Last Calib.: 2014.09.26

Time On Btm: 2014.09.26 @ 16:30:57

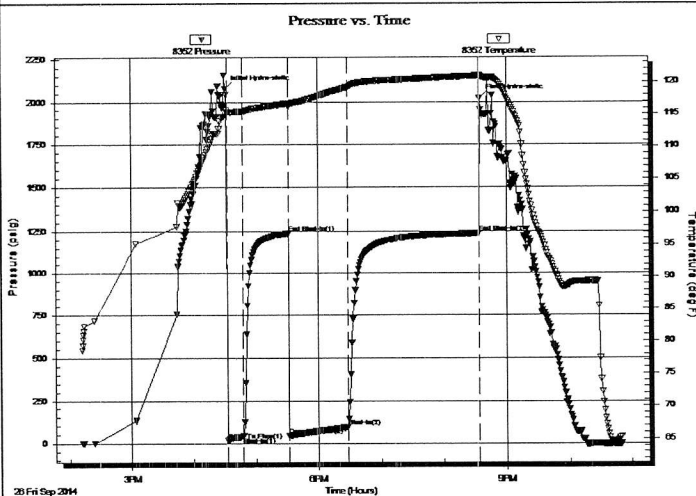
Time Off Btm: 2014.09.26 @ 20:33:57

TEST COMMENT: IF:Weak blow . 1/4 - 3/4".

ISI:No blow .

FF:Weak blow . 1/4 - 1".

FSI:No blow .



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2076.26	115.24	Initial Hydro-static
2	17.00	115.24	Open To Flow (1)
17	40.46	115.36	Shut-In(1)
61	1235.33	116.71	End Shut-In(1)
61	46.98	116.18	Open To Flow (2)
118	96.85	119.18	Shut-In(2)
242	1236.03	120.91	End Shut-In(2)
243	2020.13	121.00	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
120.00	MW 17% m 83% w /Rw .09ohms@68deg	0.59
40.00	VM w /o specs 39%w 61% m	0.20

* Recovery from multiple tests

Gas Rates

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Victory Operating Inc.

28-26s-15w Pratt Ks.

6 N. Scottsdale
Wichita Ks. 67230

Hamilton #2-28

Job Ticket: 57858

DST#: 2

ATTN: Logan Walker

Test Start: 2014.09.26 @ 14:11:57

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:

91000 ppm

Viscosity: 50.00 sec/qt

Cushion Volume:

bbl

Water Loss: 9.59 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 5000.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
120.00	MW 17%w 83%w /Rw .09ohms@68deg	0.590
40.00	WMw /o specs 39%w 61%w	0.197

Total Length: 160.00 ft

Total Volume: 0.787 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #: none

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 8352

Outside Victory Operating Inc.

Hamilton #2-28

DST Test Number: 2

Pressure vs. Time

